

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\  
 Data File : VX018960.D  
 Acq On : 19 Oct 2020 18:22  
 Operator : JC/SP  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: Oct 19 18:43:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 17:59:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 110095   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 183690   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 171664   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 94369    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |        |         |      |
|-----------------------------|--------|-----|----------|--------|---------|------|
| System Monitoring Compounds |        |     |          |        |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 199312   | 132.37 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 264.74% |      |
| 35) Dibromofluoromethane    | 5.46   | 113 | 184820   | 151.37 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 302.74% |      |
| 50) Toluene-d8              | 8.70   | 98  | 693613   | 151.10 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 302.20% |      |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 259734   | 146.28 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 292.56% |      |

| Target Compounds              |      |     |         |          |      | Qvalue |
|-------------------------------|------|-----|---------|----------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 148163  | 116.197  | ug/l | 98     |
| 3) Chloromethane              | 1.31 | 50  | 146208  | 107.392  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.39 | 62  | 196349  | 138.574  | ug/l | 98     |
| 5) Bromomethane               | 1.62 | 94  | 127329  | 161.032  | ug/l | 98     |
| 6) Chloroethane               | 1.69 | 64  | 143302  | 177.558  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.90 | 101 | 332861  | 165.495  | ug/l | 96     |
| 8) Diethyl Ether              | 2.17 | 74  | 131691  | 186.100  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 179073  | 163.547  | ug/l | 99     |
| 10) Methyl Iodide             | 2.48 | 142 | 209665  | 205.606  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 227636  | 747.589  | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.35 | 96  | 193099  | 169.009  | ug/l | 97     |
| 13) Acrolein                  | 2.28 | 56  | 152691  | 1077.197 | ug/l | 99     |
| 14) Allyl chloride            | 2.70 | 41  | 226806  | 120.729  | ug/l | 97     |
| 15) Acrylonitrile             | 3.12 | 53  | 423244  | 636.788  | ug/l | 99     |
| 16) Acetone                   | 2.43 | 43  | 354579  | 599.764  | ug/l | 98     |
| 17) Carbon Disulfide          | 2.54 | 76  | 452594  | 138.894  | ug/l | 98     |
| 18) Methyl Acetate            | 2.75 | 43  | 186748  | 131.295  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 525968  | 142.648  | ug/l | 99     |
| 20) Methylene Chloride        | 2.83 | 84  | 182526  | 135.559  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 195185  | 160.856  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.83 | 45  | 436784  | 117.546  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.79 | 43  | 2146987 | 642.645  | ug/l | 97     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 307313  | 141.079  | ug/l | 98     |
| 25) 2-Butanone                | 4.64 | 43  | 600449  | 621.060  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 286355  | 157.060  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 220563  | 156.605  | ug/l | 97     |
| 28) Bromochloromethane        | 4.98 | 49  | 128797  | 124.308  | ug/l | 87     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 351758  | 579.725  | ug/l | 97     |
| 30) Chloroform                | 5.18 | 83  | 335484  | 147.287  | ug/l | 100    |
| 31) Cyclohexane               | 5.54 | 56  | 240459  | 132.313  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 310148  | 148.372  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 252878  | 149.469  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.80 | 43  | 236310  | 123.190  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 279861  | 148.297  | ug/l | 96     |

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 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: Oct 19 18:43:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 17:59:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 280833   | 151.984  | ug/l   | 96       |
| 40) Benzene                    | 6.11  | 78   | 747371   | 149.598  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 125103   | 119.417  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 246896   | 131.111  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 386013   | 124.603  | ug/l   | 98       |
| 44) Trichloroethene            | 7.19  | 130  | 217363   | 155.718  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 180578   | 136.856  | ug/l   | 99       |
| 46) Dibromomethane             | 7.63  | 93   | 134633   | 143.672  | ug/l   | 91       |
| 47) Bromodichloromethane       | 7.88  | 83   | 270438   | 144.928  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.75  | 41   | 181622   | 118.937  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 92218    | 3231.355 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 1179826  | 620.878  | ug/l   | 99       |
| 52) Toluene                    | 8.77  | 92   | 497606   | 156.213  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 309087   | 148.371  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 324654   | 147.449  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 198082   | 147.630  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 303403   | 151.867  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 318713   | 144.181  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 775651   | 838.448  | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.48  | 43   | 918343   | 637.206  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 233491   | 149.364  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 218190   | 149.767  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 185362   | 148.448  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.12 | 112  | 546750   | 158.784  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 210183   | 156.581  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 936779   | 159.788  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.34 | 106  | 753583   | 342.807  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 361444   | 168.940  | ug/l   | 100      |
| 70) Styrene                    | 10.70 | 104  | 625071   | 172.632  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 193422   | 169.692  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.00 | 105  | 946214   | 151.931  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 341419   | 121.535  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 309869   | 141.391  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 366001   | 176.427  | ug/l   | 85       |
| 77) Bromobenzene               | 11.24 | 156  | 259827   | 152.365  | ug/l   | 90       |
| 78) n-propylbenzene            | 11.34 | 91   | 1078242  | 152.241  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 627075   | 144.510  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 823443   | 160.279  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 117564   | 151.114  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 764497   | 147.951  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 826816   | 162.077  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 818419   | 155.943  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 945357   | 162.515  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 893346   | 167.965  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 459801   | 151.918  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 475565   | 156.001  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 810268   | 166.177  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 152533   | 149.555  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 452825   | 158.399  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 74161    | 136.834  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101920\  
Data File : VX018960.D  
Acq On : 19 Oct 2020 18:22  
Operator : JC/SP  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Quant Time: Oct 19 18:43:11 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X101920W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 19 17:59:03 2020  
Response via : Initial Calibration

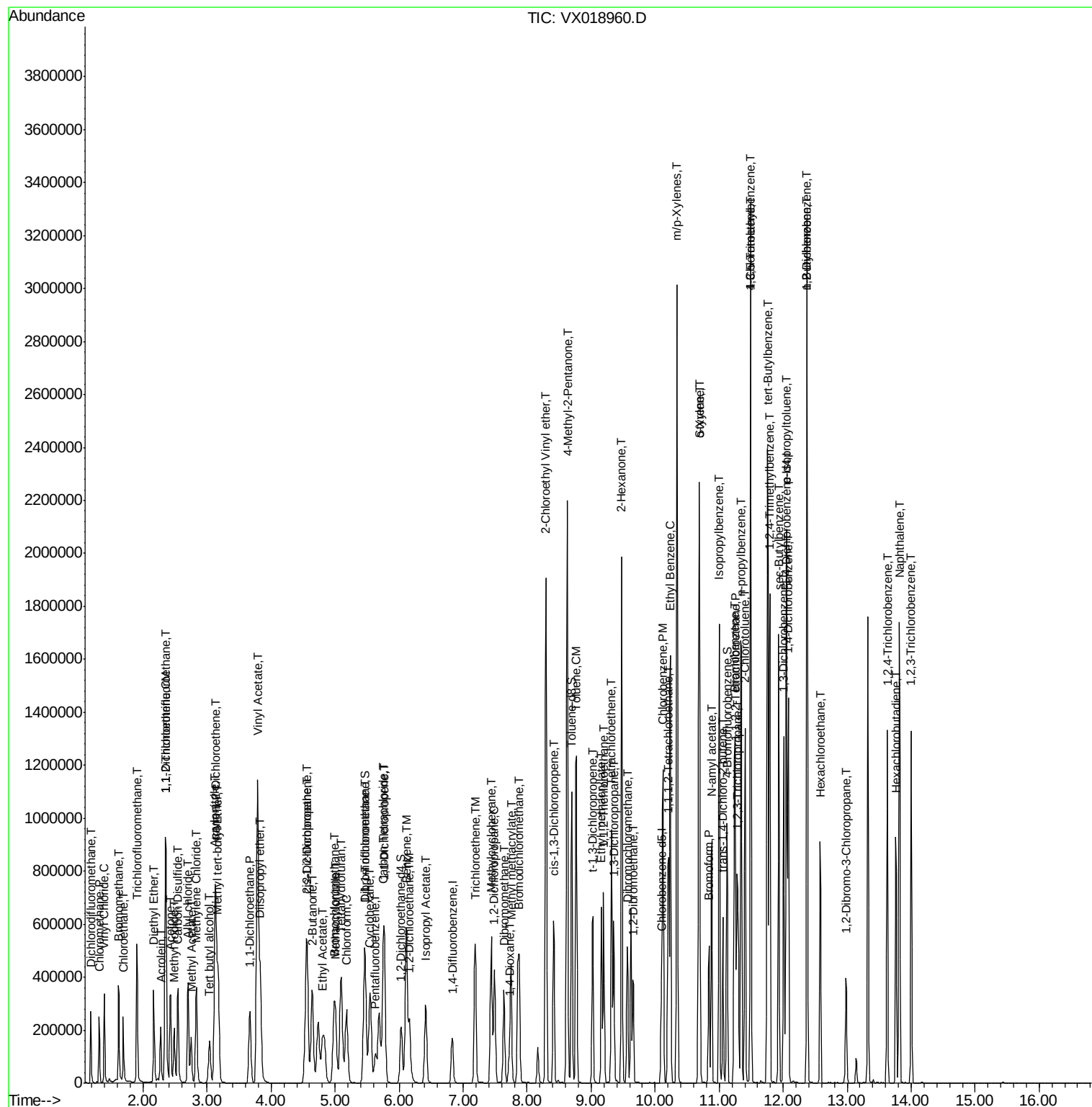
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 334369   | 175.376 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 137133   | 180.001 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 1084754  | 171.742 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 323285   | 171.265 | ug/l  | 98       |

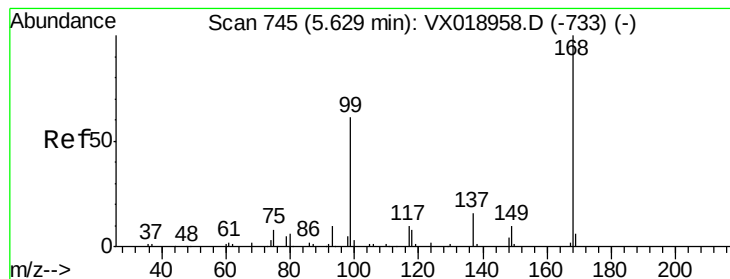
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101920\  
 Data File : VX018960.D  
 Acq On : 19 Oct 2020 18:22  
 Operator : JC/SP  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC150

Quant Time: Oct 19 18:43:11 2020  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X101920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 19 17:59:03 2020  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

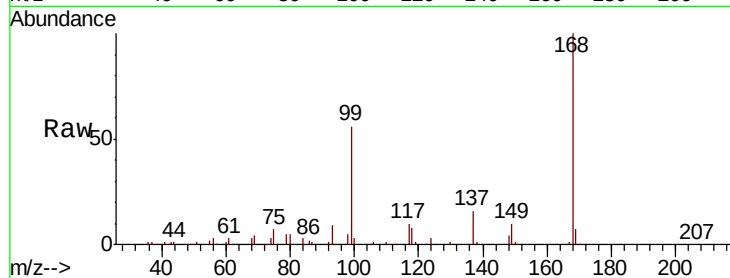
VSTDIC150

Tot Ion:168 Resp: 110095

Ion Ratio Lower Upper

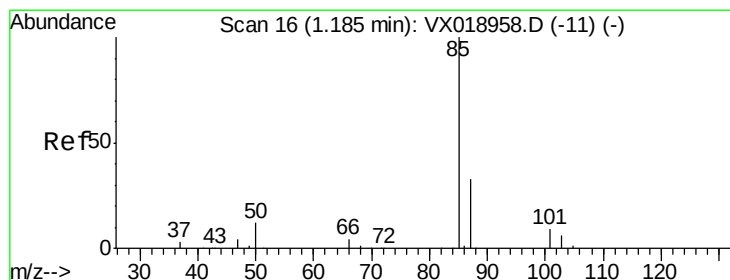
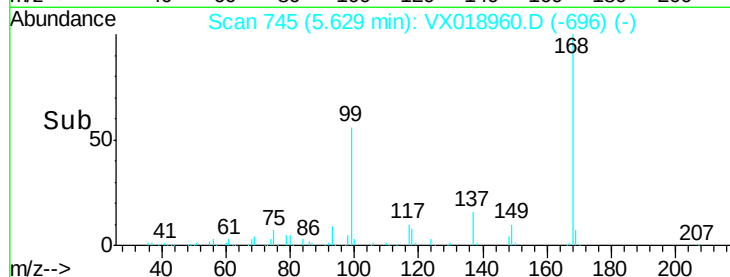
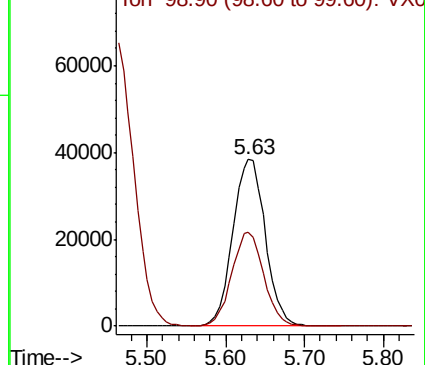
168 100

99 56.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 116.197 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018960.D

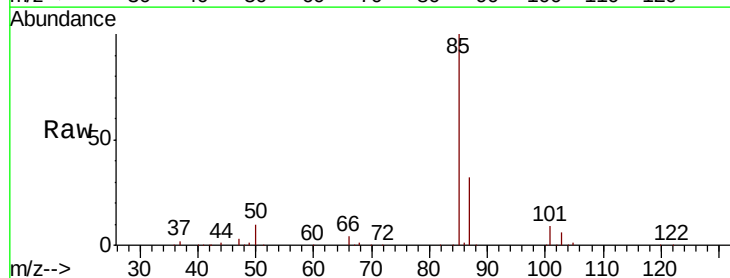
Acq: 19 Oct 2020 18:22

Tgt Ion: 85 Resp: 148163

Ion Ratio Lower Upper

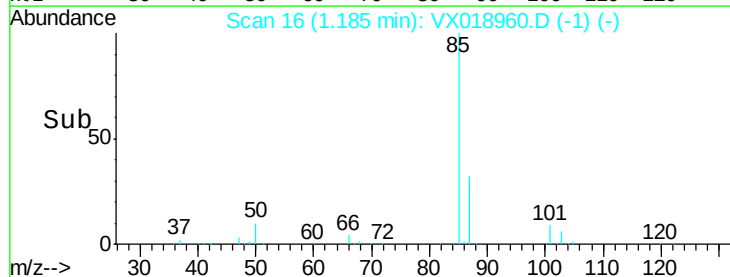
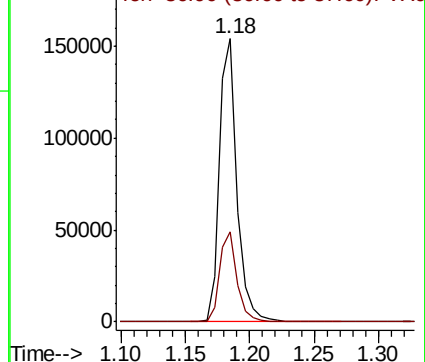
85 100

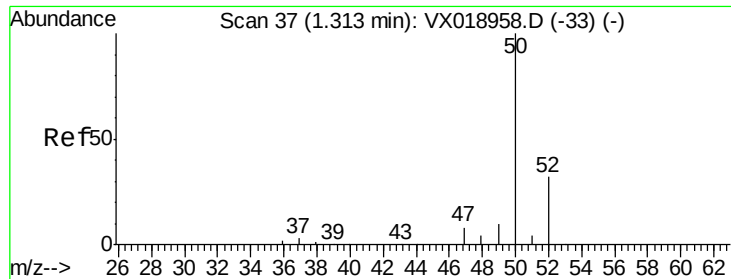
87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 107.392 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

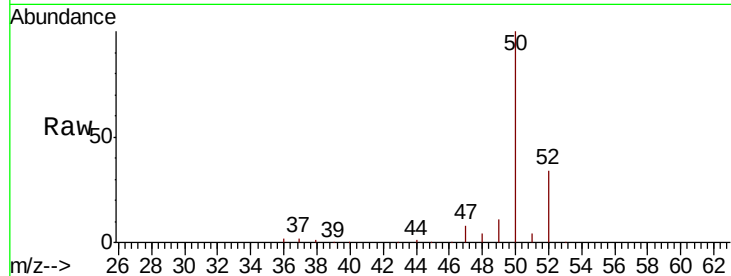
VSTDIC150

Tot Ion: 50 Resp: 146208

Ion Ratio Lower Upper

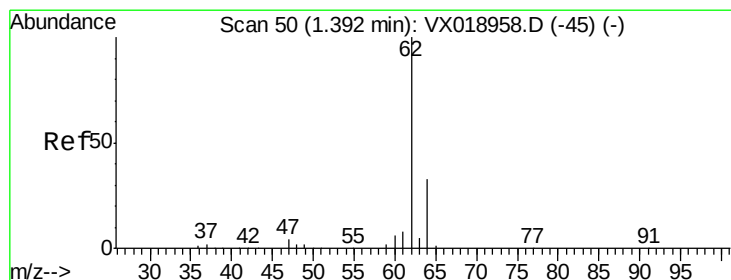
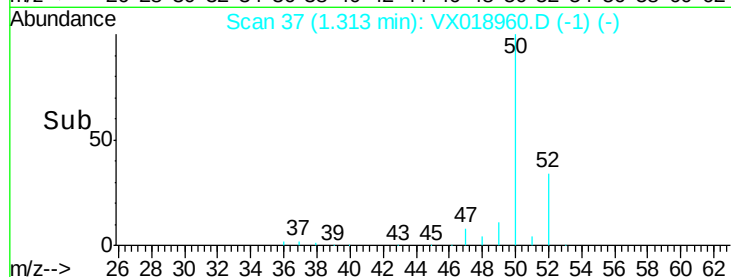
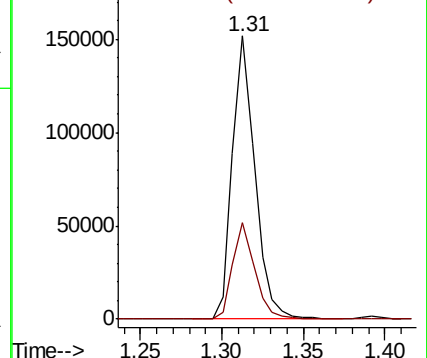
50 100

52 34.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 138.574 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018960.D

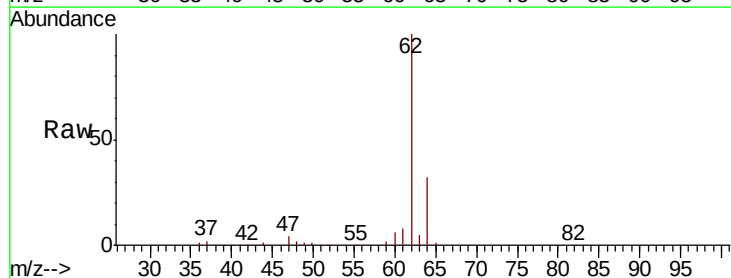
Acq: 19 Oct 2020 18:22

Tgt Ion: 62 Resp: 196349

Ion Ratio Lower Upper

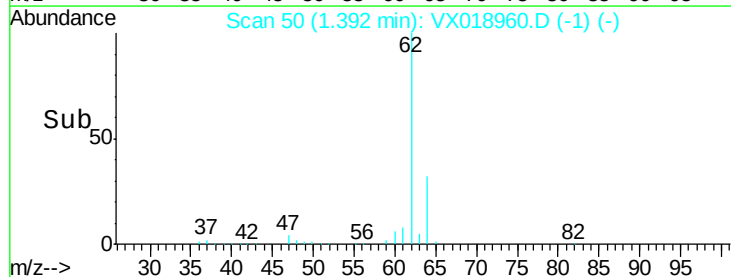
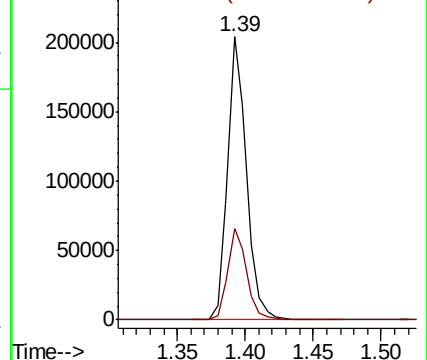
62 100

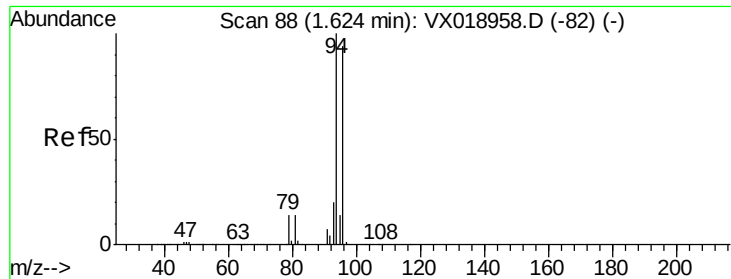
64 32.2 26.7 40.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 161.032 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

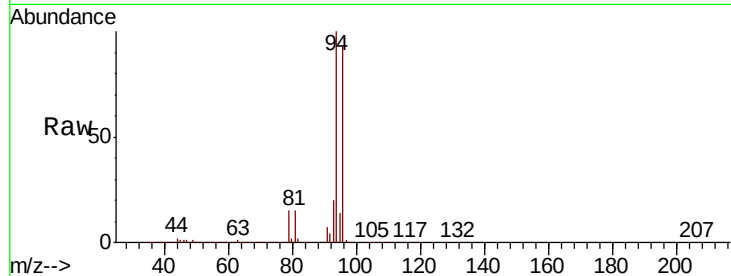
VSTDIC150

Tot Ion: 94 Resp: 127329

Ion Ratio Lower Upper

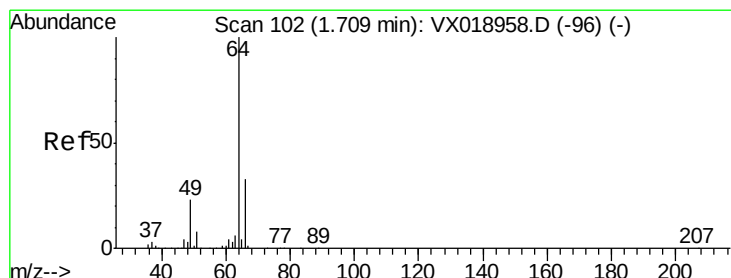
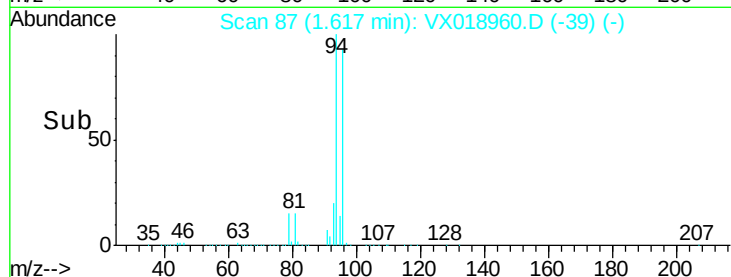
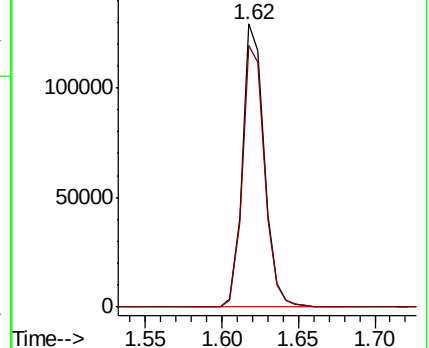
94 100

96 92.5 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: 177.558 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX018960.D

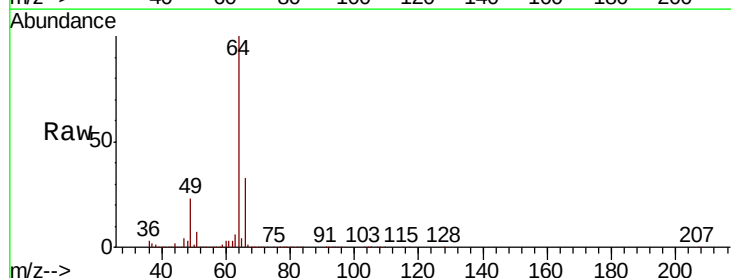
Acq: 19 Oct 2020 18:22

Tgt Ion: 64 Resp: 143302

Ion Ratio Lower Upper

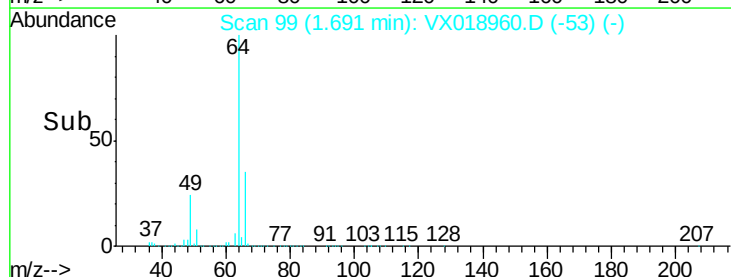
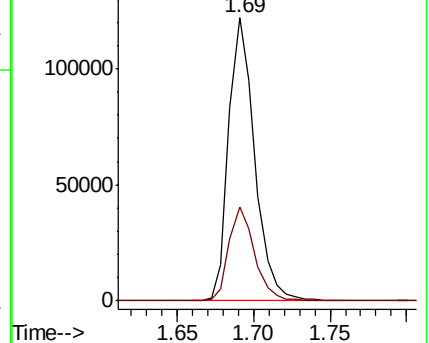
64 100

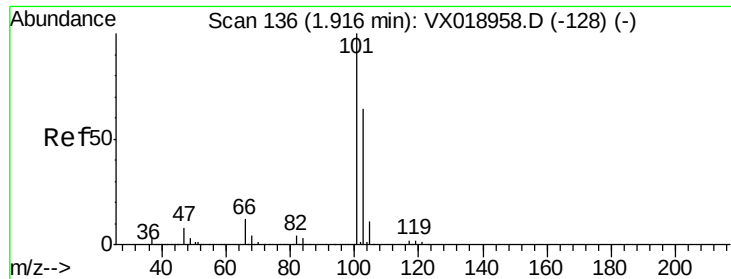
66 33.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



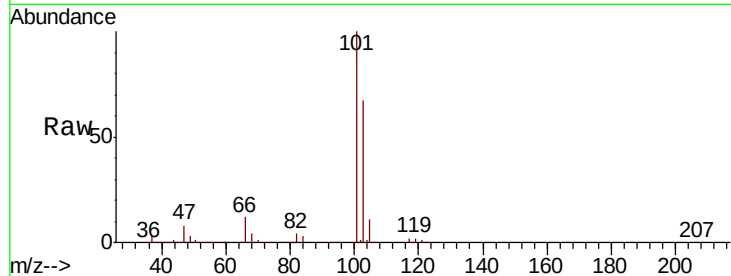


#7

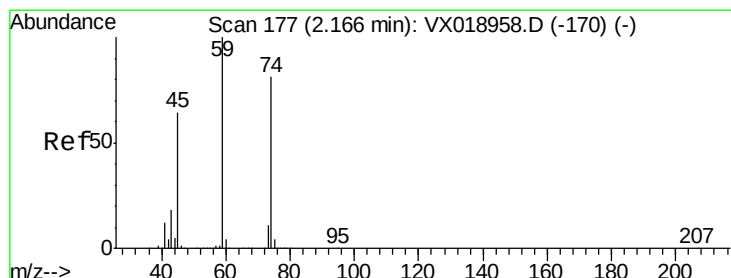
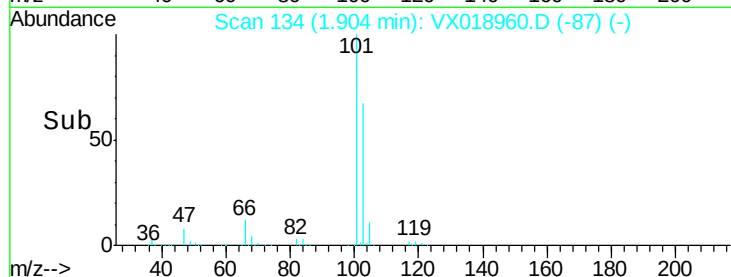
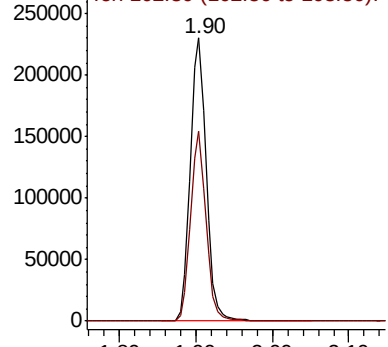
Trichlorofluoromethane  
Concen: 165.495 ug/l  
RT: 1.90 min Scan# 134  
Delta R.T. -0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tot Ion:101 Resp: 332861  
Ion Ratio Lower Upper  
101 100  
103 67.0 51.3 76.9



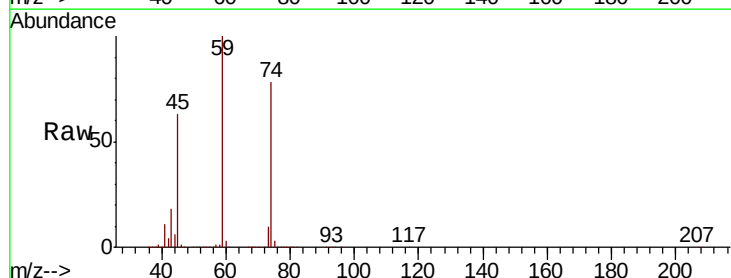
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



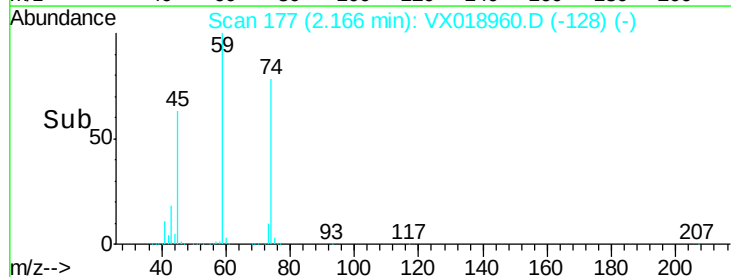
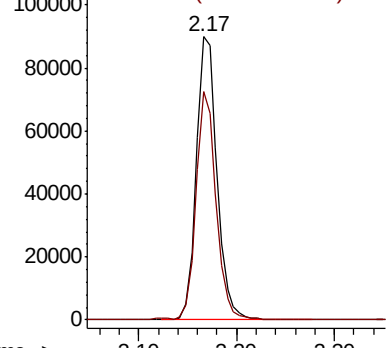
#8

Diethyl Ether  
Concen: 186.100 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

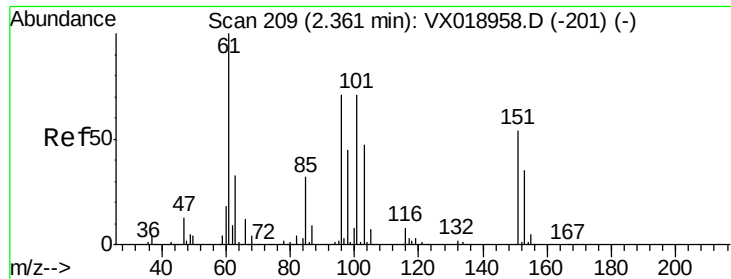
Tgt Ion: 74 Resp: 131691  
Ion Ratio Lower Upper  
74 100  
45 77.4 39.1 117.3



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: 163.547 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

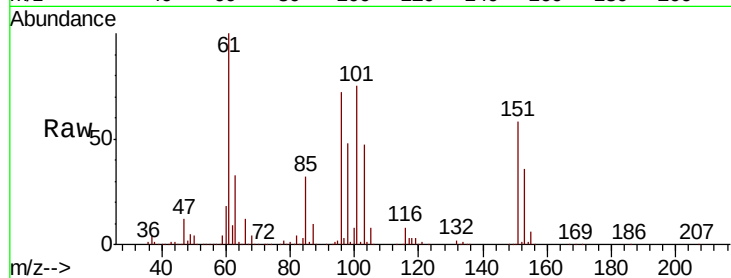
Tot Ion:101 Resp: 179073

Ion Ratio Lower Upper

101 100

85 42.5 35.1 52.7

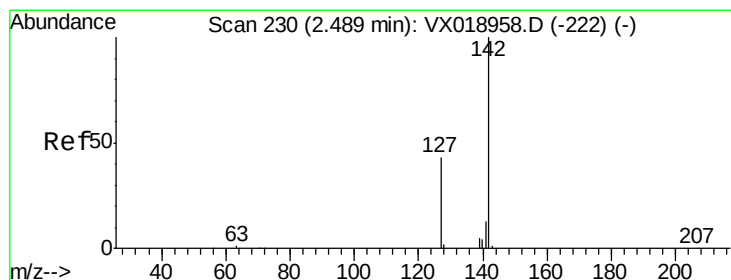
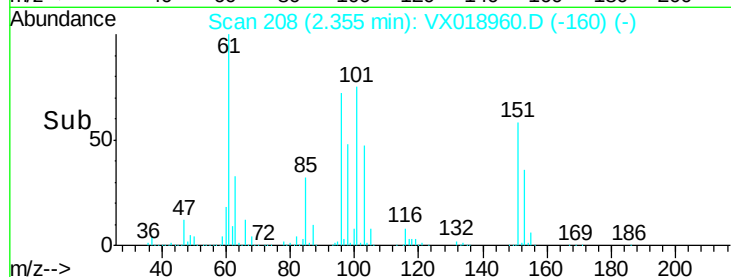
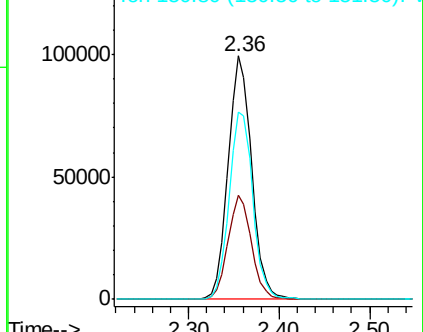
151 77.9 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 205.606 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

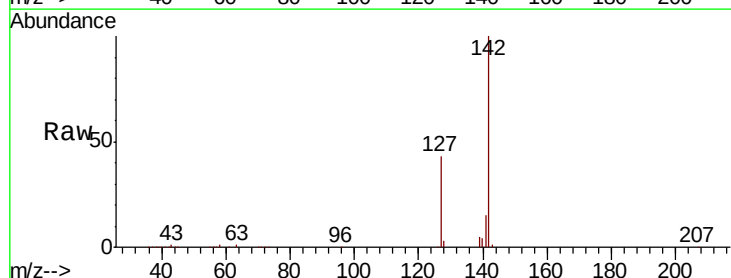
Tgt Ion:142 Resp: 209665

Ion Ratio Lower Upper

142 100

127 42.9 35.9 53.9

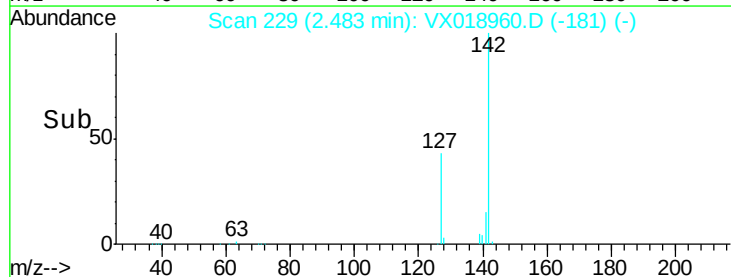
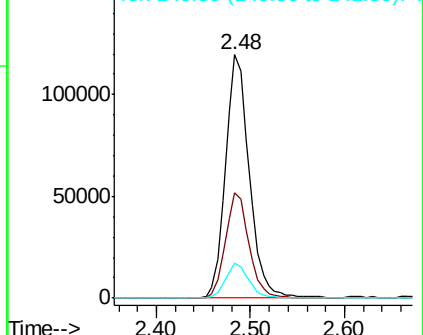
141 14.1 11.6 17.4

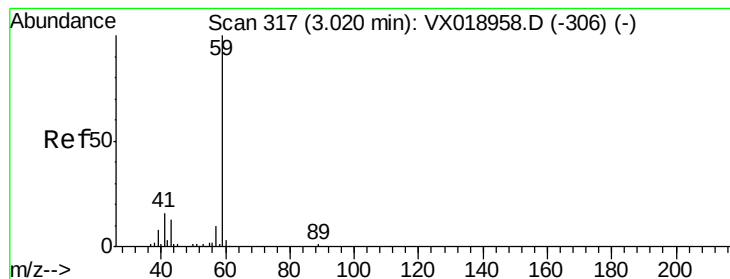


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 747.589 ug/l

RT: 3.04 min Scan# 320

Delta R.T. 0.02 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampled :

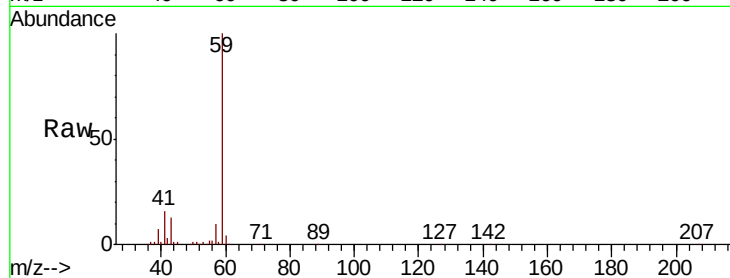
VSTDIC150

Tot Ion: 59 Resp: 227636

Ion Ratio Lower Upper

59 100

57 10.4 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

100000

80000

60000

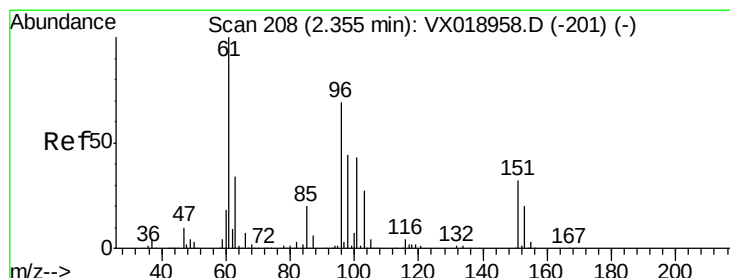
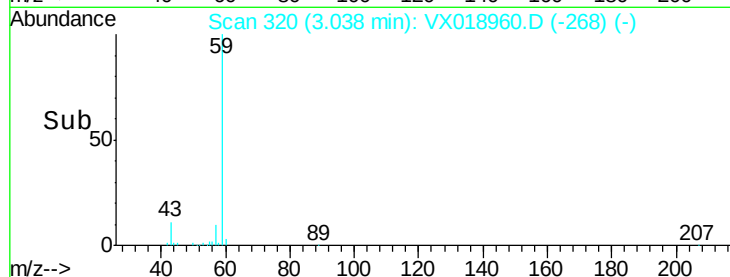
40000

20000

0

Time-->

2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 169.009 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

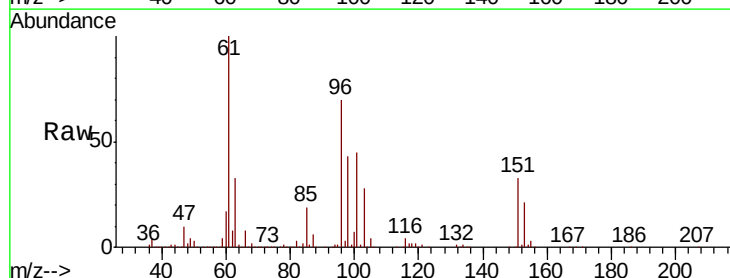
Tgt Ion: 96 Resp: 193099

Ion Ratio Lower Upper

96 100

61 142.2 116.2 174.2

98 60.9 50.9 76.3



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

250000

200000

150000

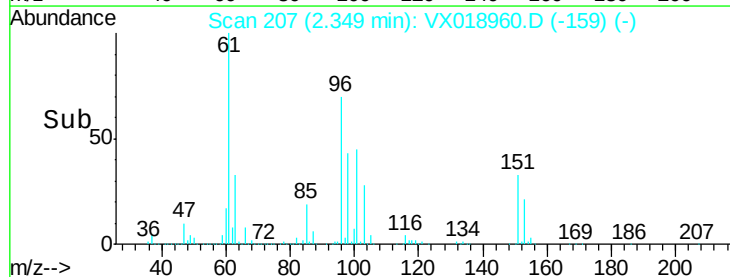
100000

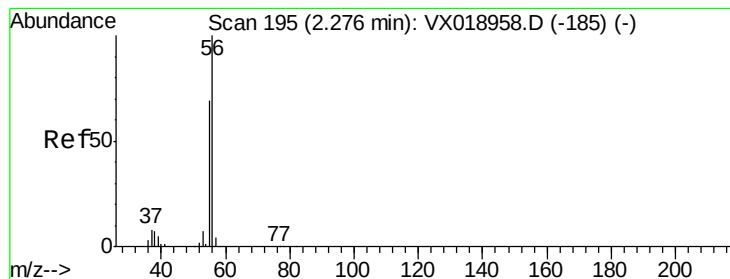
50000

0

Time-->

2.30 2.40 2.50





#13

Acrolein

Concen: 1077.197 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

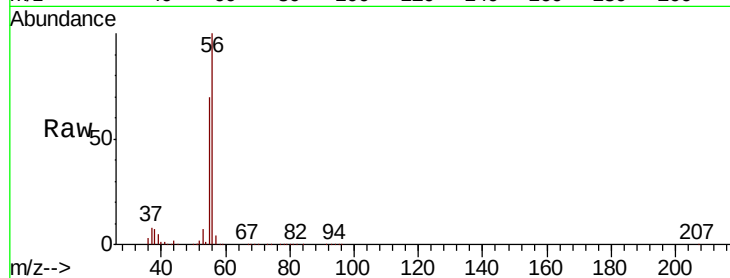
VSTDIC150

Tot Ion: 56 Resp: 152691

Ion Ratio Lower Upper

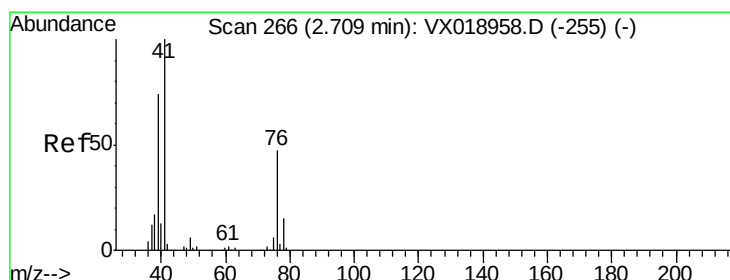
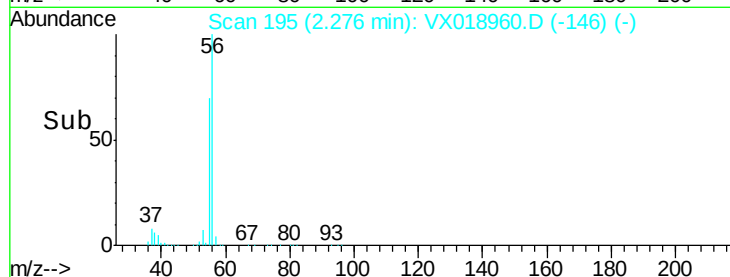
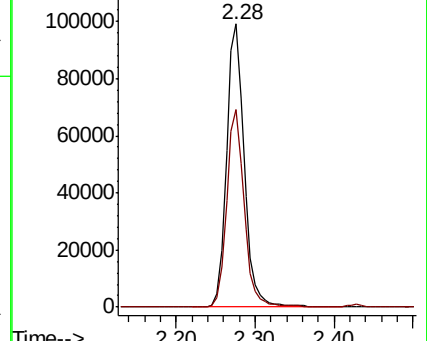
56 100

55 69.3 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 120.729 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

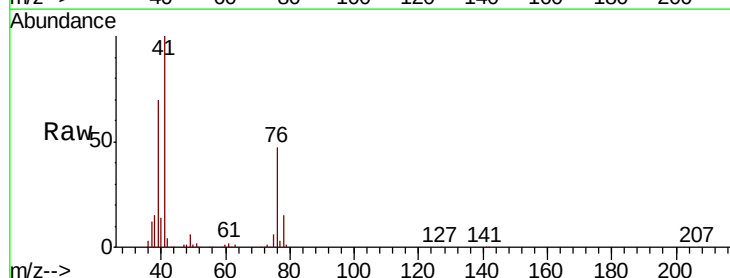
Tgt Ion: 41 Resp: 226806

Ion Ratio Lower Upper

41 100

39 67.1 55.4 83.2

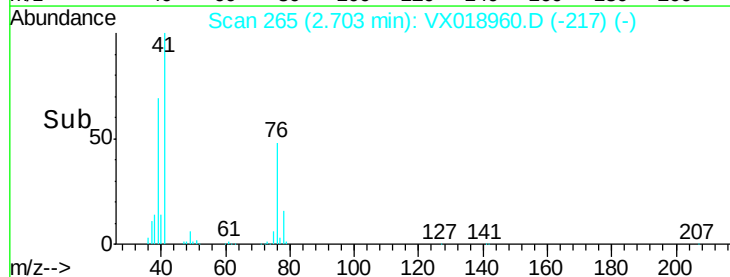
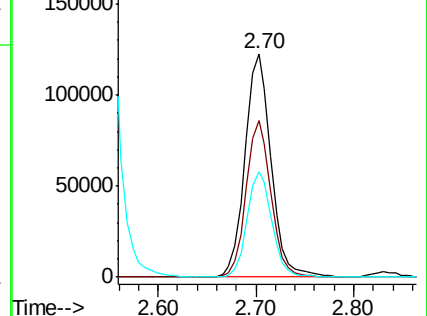
76 44.5 34.1 51.1

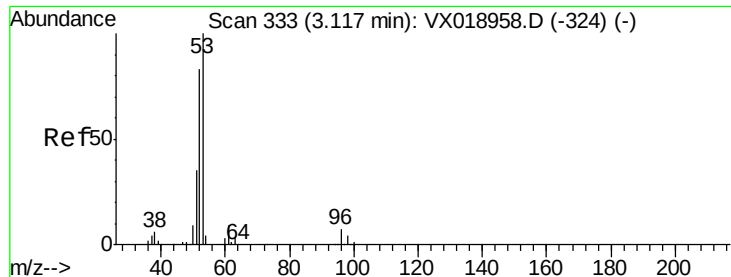


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 636.788 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

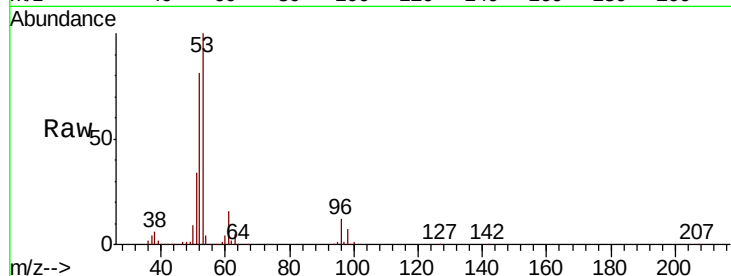
Tot Ion: 53 Resp: 423244

Ion Ratio Lower Upper

53 100

52 82.4 65.3 97.9

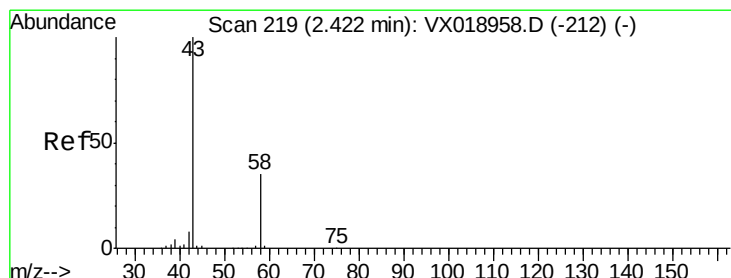
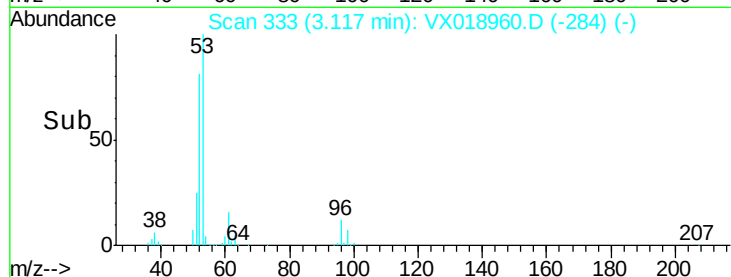
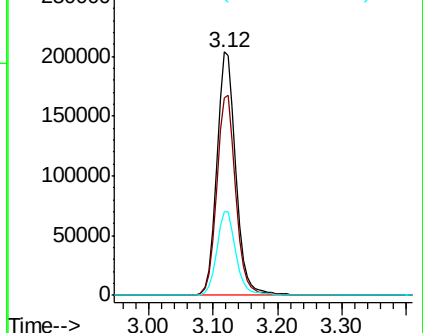
51 35.1 28.6 43.0



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: 599.764 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018960.D

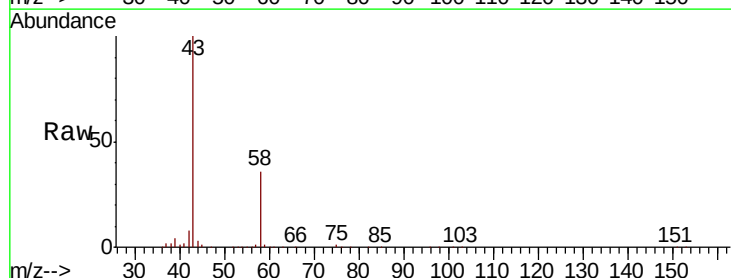
Acq: 19 Oct 2020 18:22

Tgt Ion: 43 Resp: 354579

Ion Ratio Lower Upper

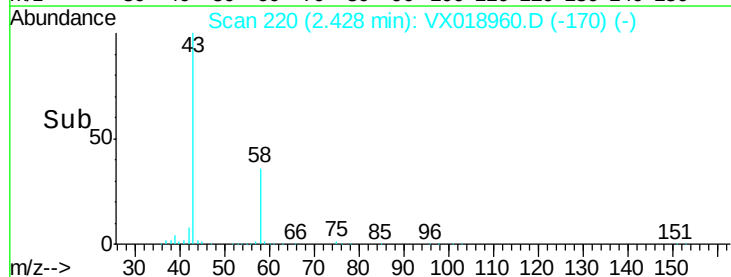
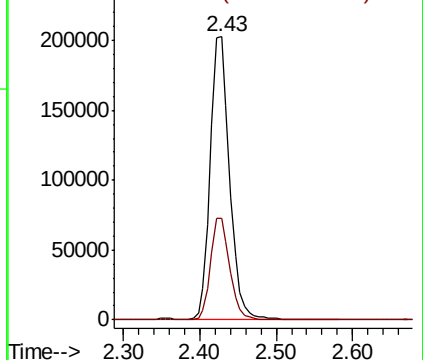
43 100

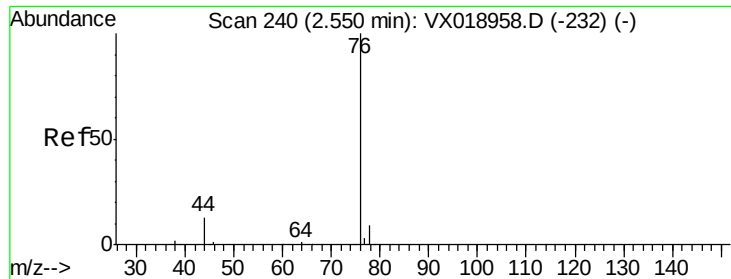
58 36.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

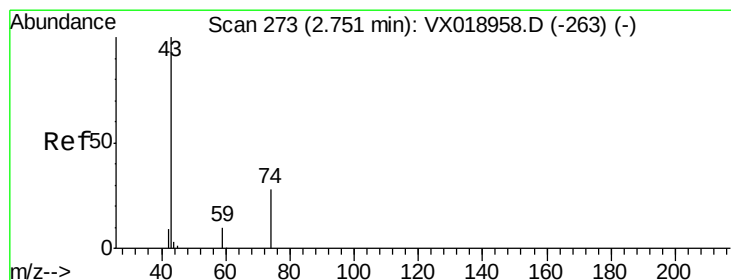
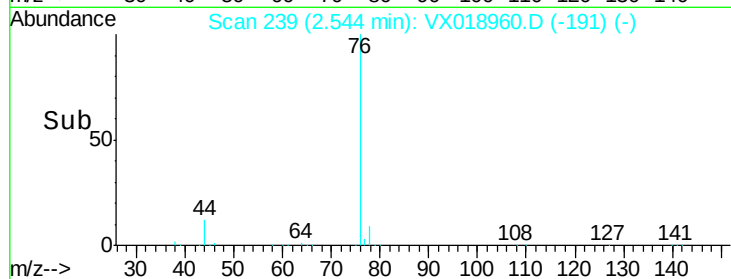
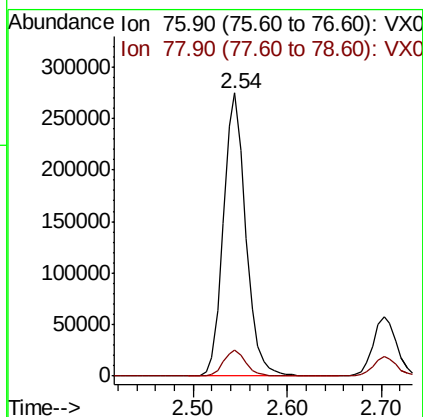
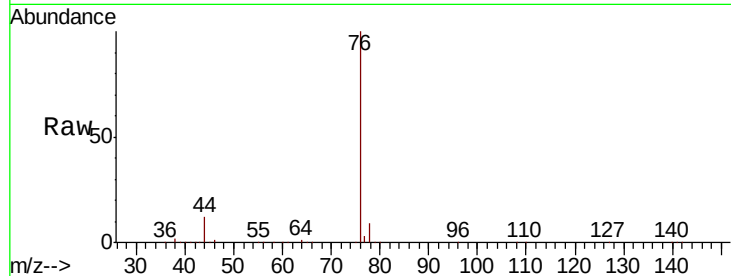




#17  
Carbon Disulfide  
Concen: 138.894 ug/l  
RT: 2.54 min Scan# 239  
Delta R.T. -0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

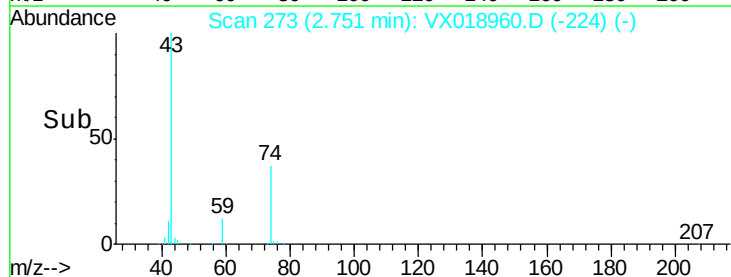
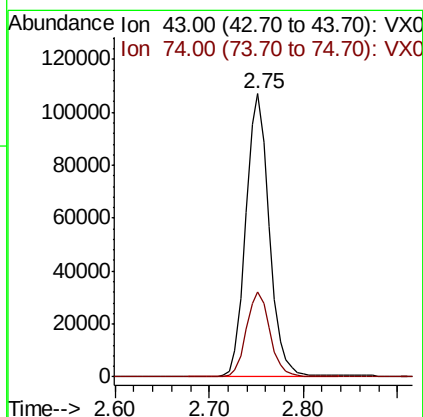
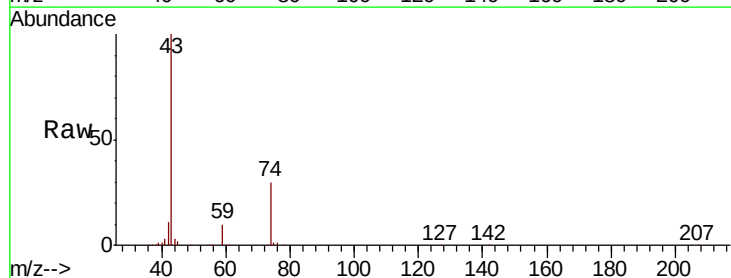
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

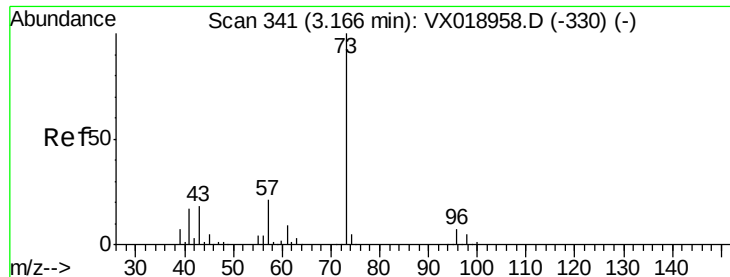
Tot Ion: 76 Resp: 452594  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.9 10.3



#18  
Methyl Acetate  
Concen: 131.295 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 43 Resp: 186748  
Ion Ratio Lower Upper  
43 100  
74 30.3 23.0 34.6

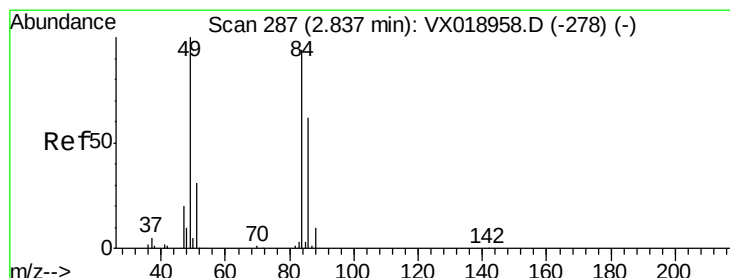
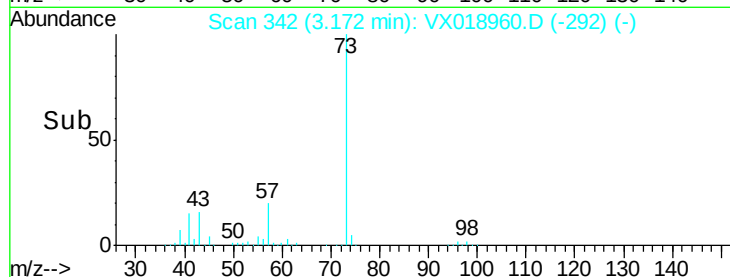
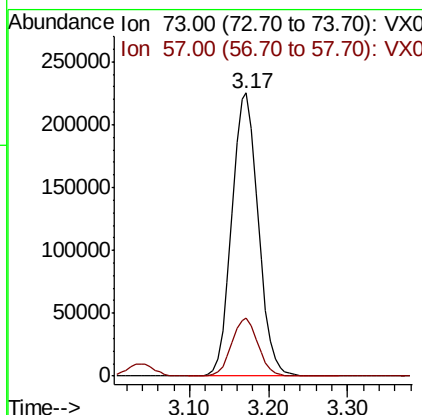
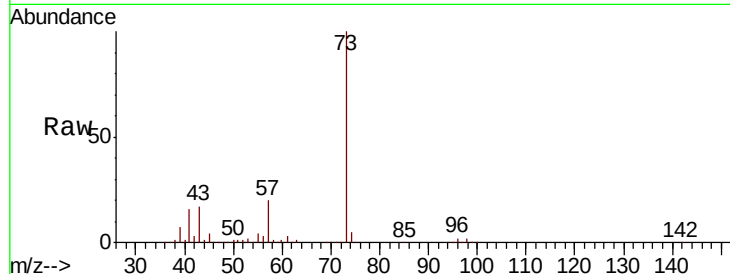




#19  
Methyl tert-butyl Ether  
Concen: 142.648 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

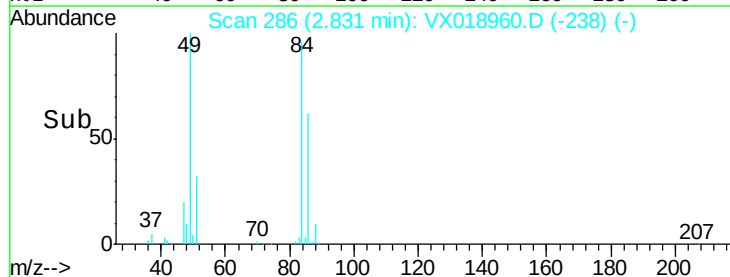
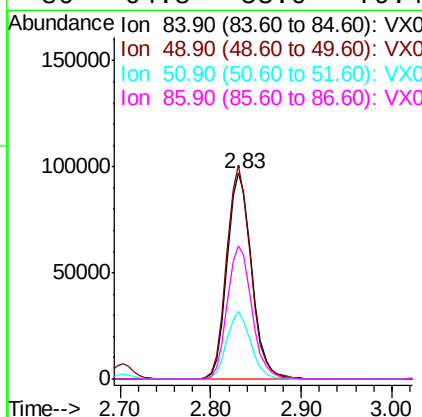
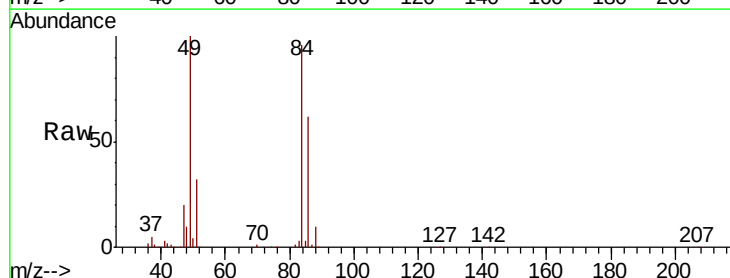
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

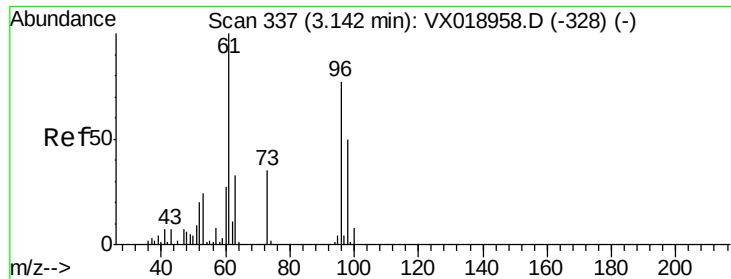
Tot Ion: 73 Resp: 525968  
Ion Ratio Lower Upper  
73 100  
57 20.5 16.6 25.0



#20  
Methylene Chloride  
Concen: 135.559 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 84 Resp: 182526  
Ion Ratio Lower Upper  
84 100  
49 103.8 85.1 127.7  
51 32.8 26.0 39.0  
86 64.8 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 160.856 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

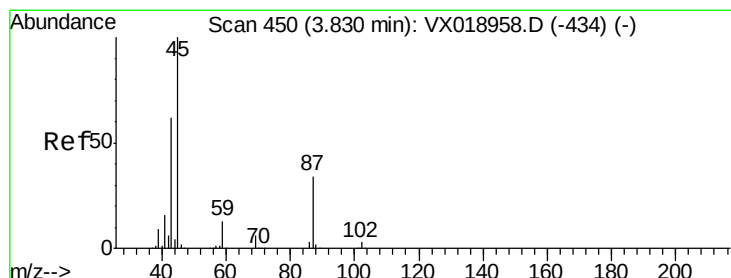
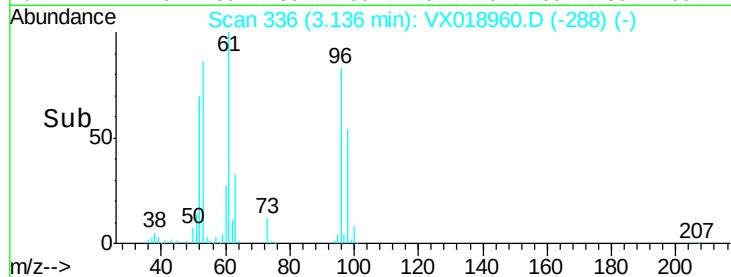
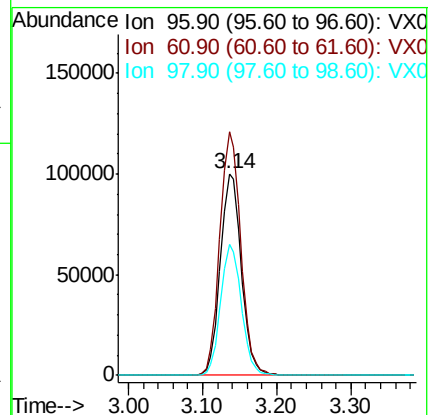
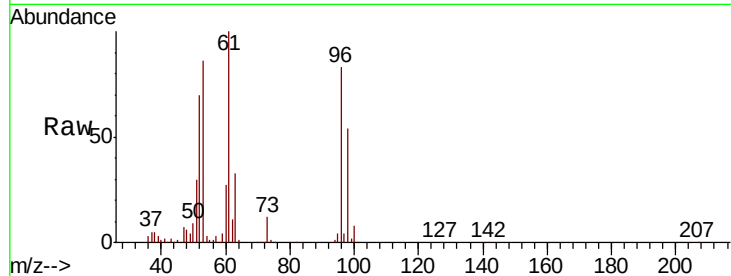
Tot Ion: 96 Resp: 195185

Ion Ratio Lower Upper

96 100

61 120.8 103.4 155.0

98 64.9 51.7 77.5



#22

Diisopropyl ether

Concen: 117.546 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion: 45 Resp: 436784

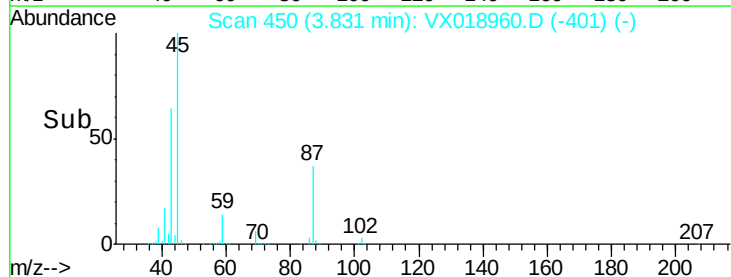
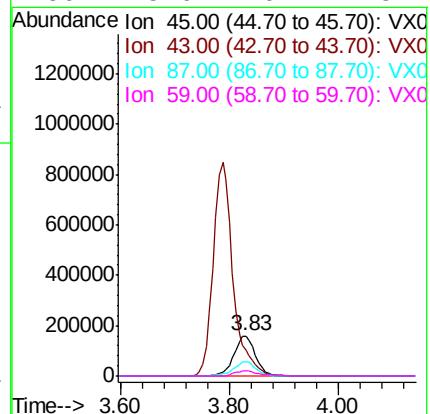
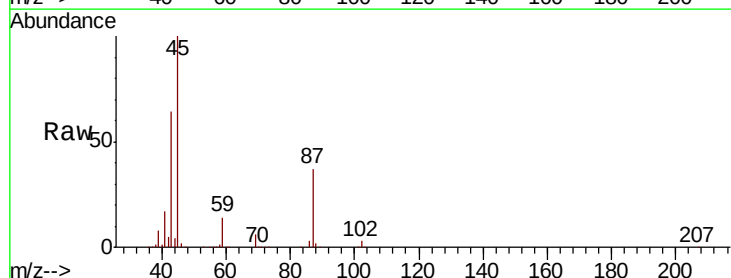
Ion Ratio Lower Upper

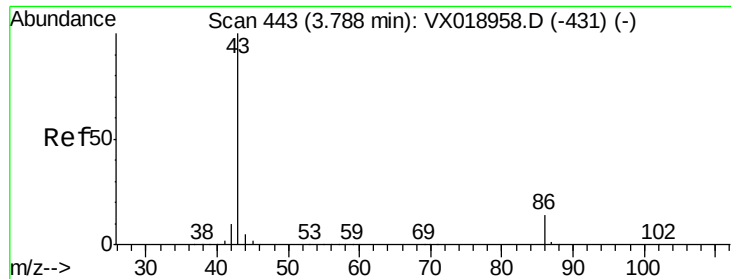
45 100

43 63.7 49.7 74.5

87 36.7 27.4 41.2

59 13.6 10.1 15.1

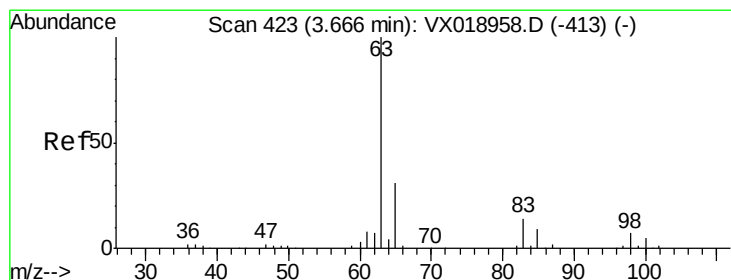
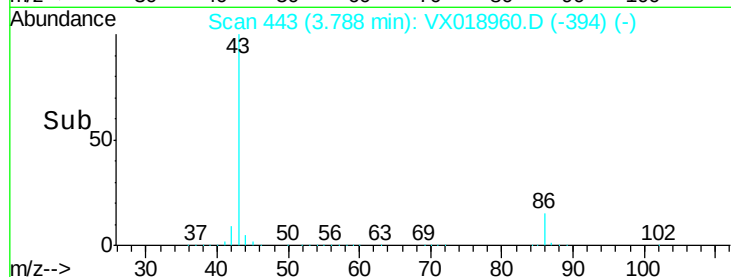
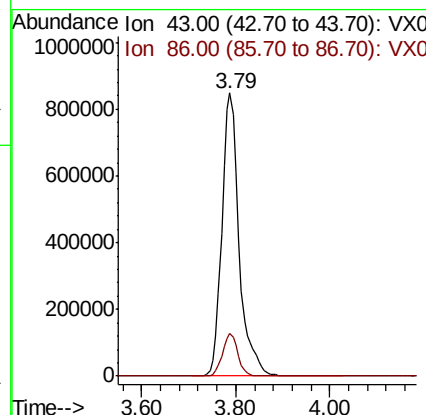
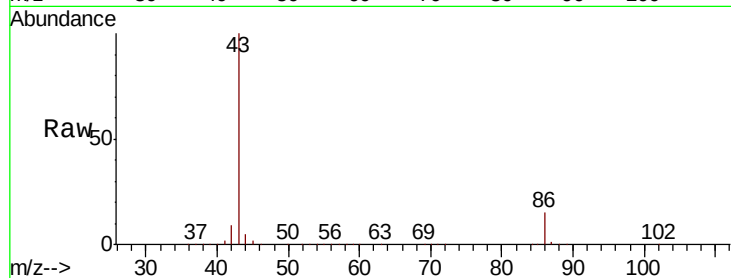




#23  
 Vinyl Acetate  
 Concen: 642.645 ug/l  
 RT: 3.79 min Scan# 443  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

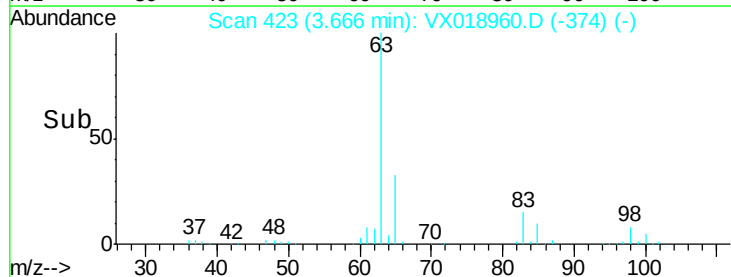
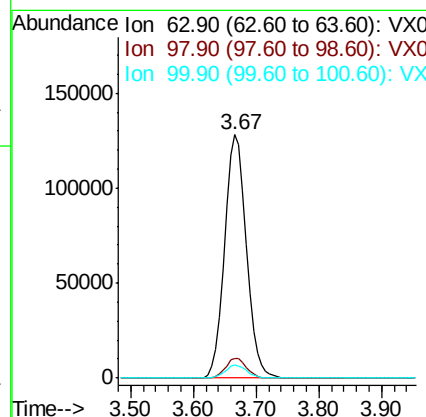
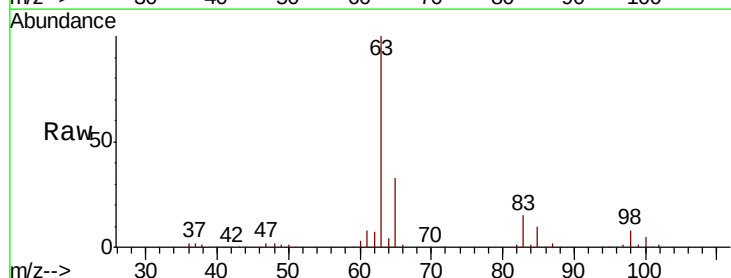
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 43 Resp: 2146987  
 Ion Ratio Lower Upper  
 43 100  
 86 14.9 10.9 16.3

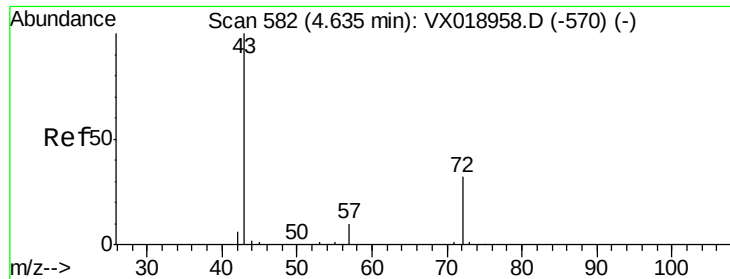


#24  
 1,1-Dichloroethane  
 Concen: 141.079 ug/l  
 RT: 3.67 min Scan# 423  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

Tgt Ion: 63 Resp: 307313  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 3.6 10.9  
 100 5.4 2.4 7.1







#25

2-Butanone

Concen: 621.060 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

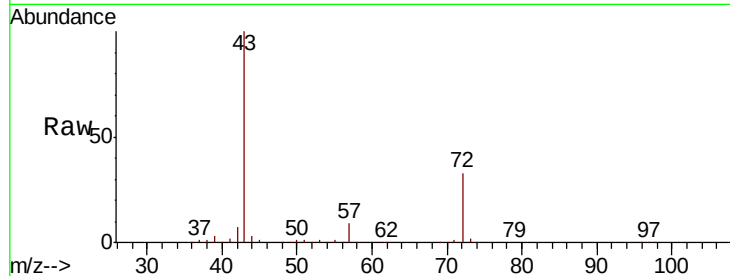
VSTDIC150

Tot Ion: 43 Resp: 600449

Ion Ratio Lower Upper

43 100

72 33.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

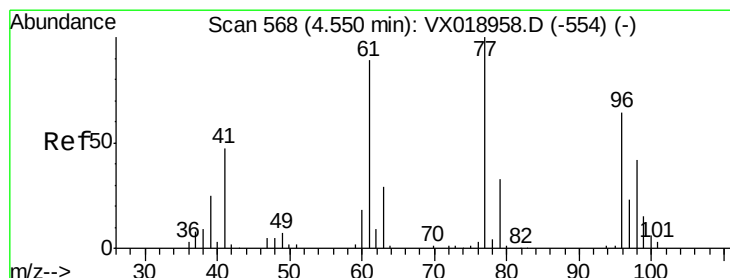
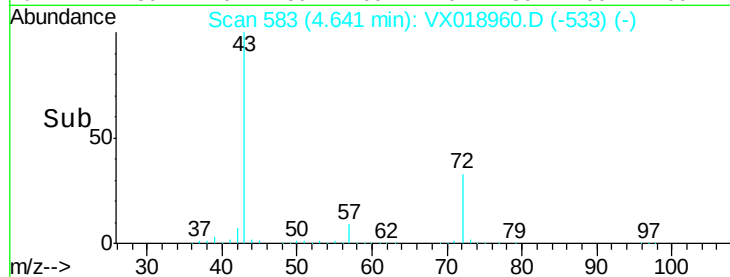
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 157.060 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018960.D

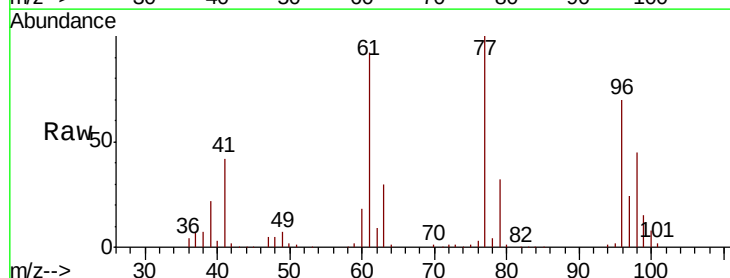
Acq: 19 Oct 2020 18:22

Tgt Ion: 77 Resp: 286355

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

100000

80000

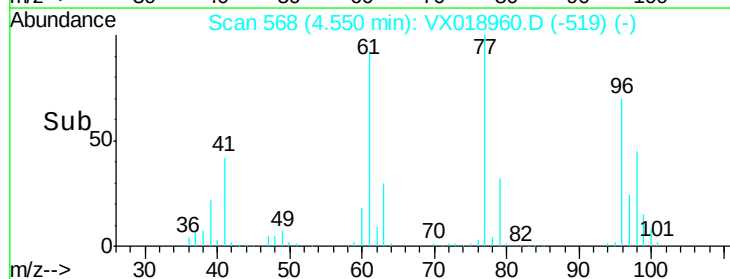
60000

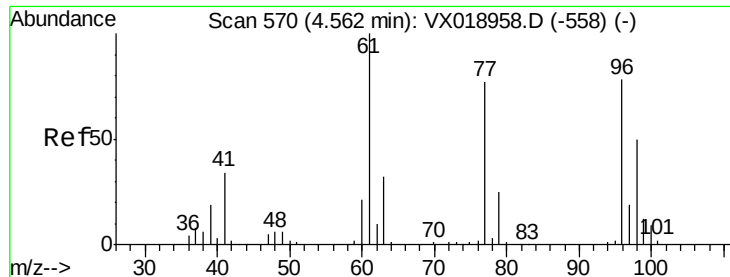
40000

20000

0

Time-->



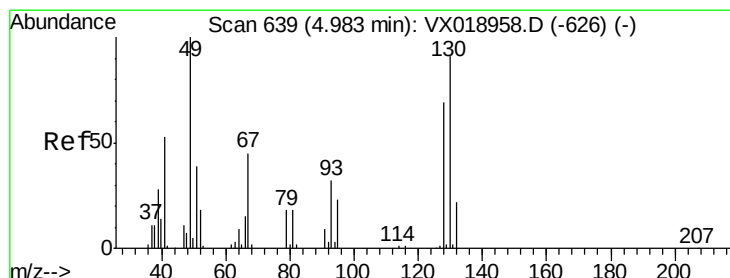
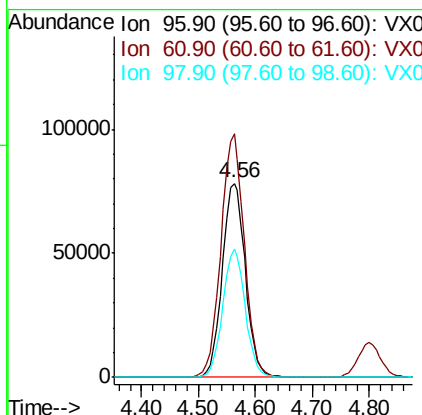
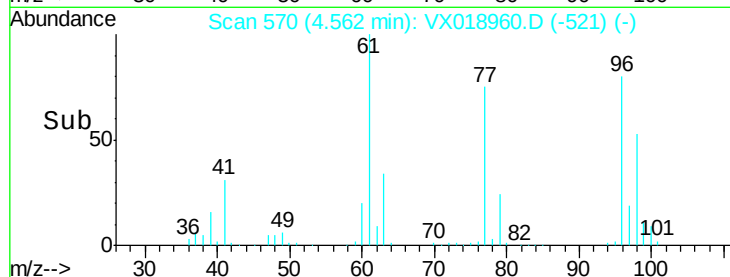
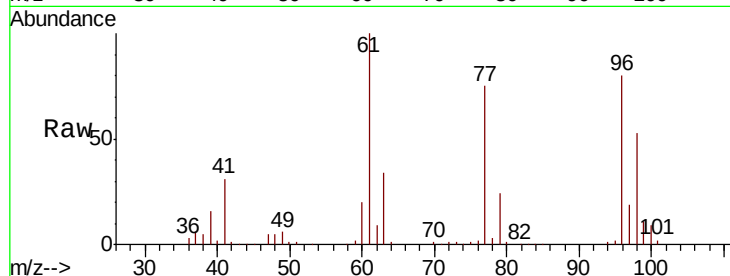


#27

cis-1,2-Dichloroethene  
Concen: 156.605 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

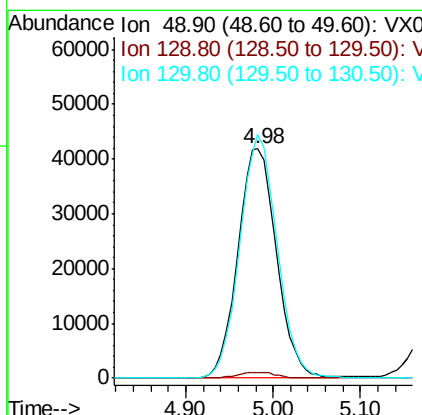
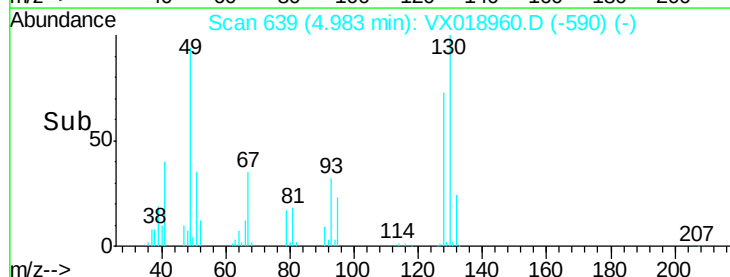
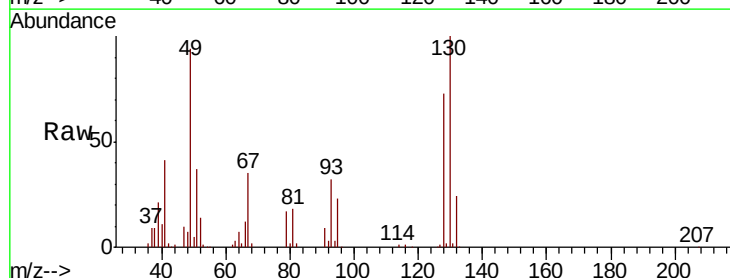
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 127.0 | 0.0   | 265.2 |
| 98      | 64.7  | 0.0   | 128.4 |

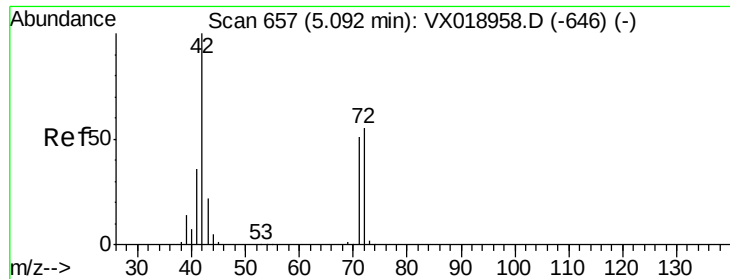


#28

Bromochloromethane  
Concen: 124.308 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.5   | 0.0   | 4.2   |
| 130     | 102.5 | 72.0  | 108.0 |





#29

Tetrahydrofuran

Concen: 579.725 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

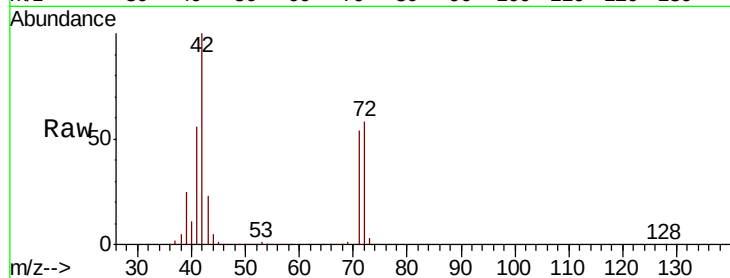
Tot Ion: 42 Resp: 351758

Ion Ratio Lower Upper

42 100

72 58.0 44.9 67.3

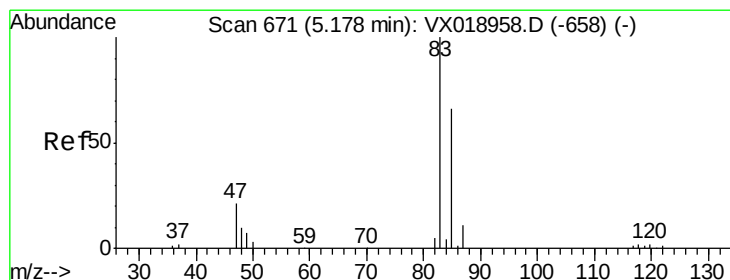
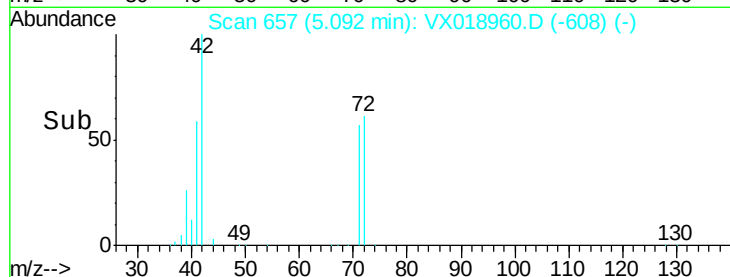
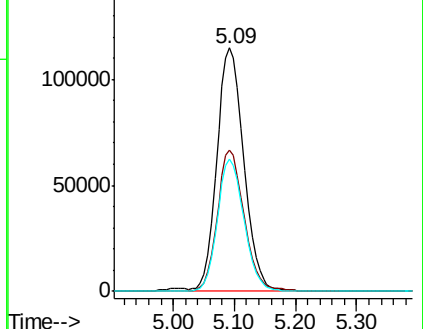
71 53.8 41.0 61.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 147.287 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018960.D

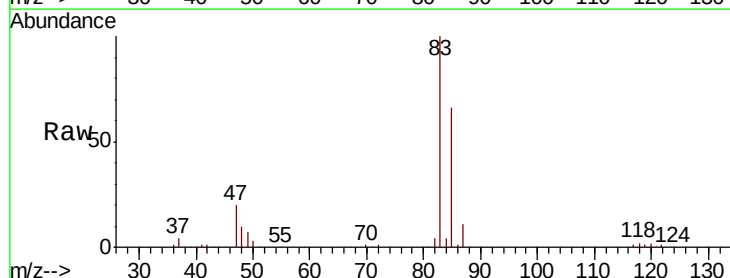
Acq: 19 Oct 2020 18:22

Tgt Ion: 83 Resp: 335484

Ion Ratio Lower Upper

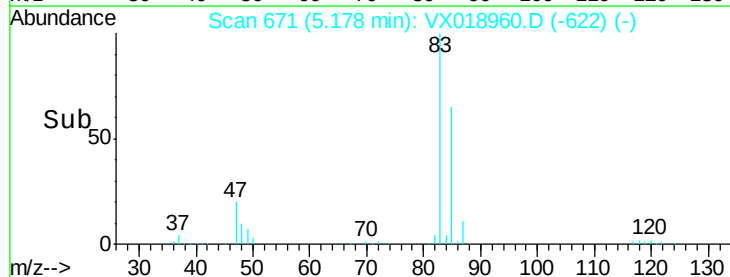
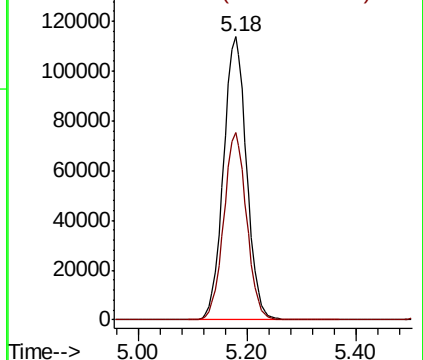
83 100

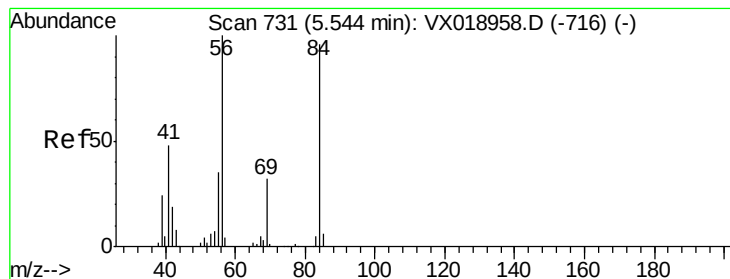
85 66.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 132.313 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

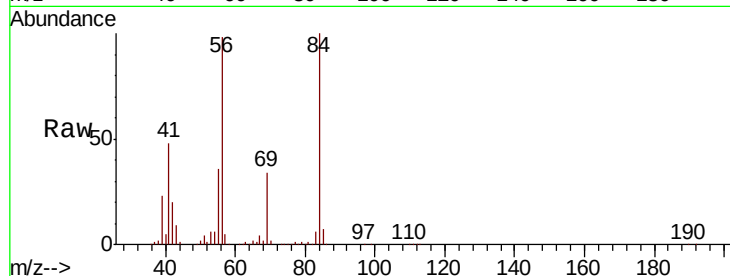
Tot Ion: 56 Resp: 240459

Ion Ratio Lower Upper

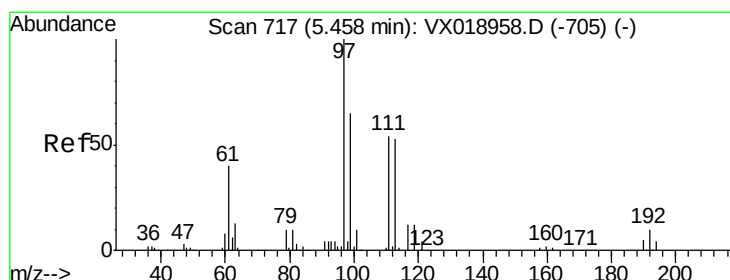
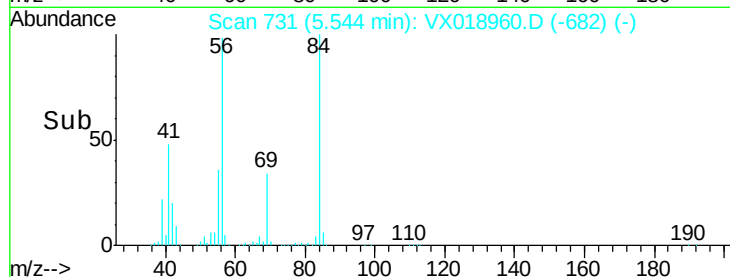
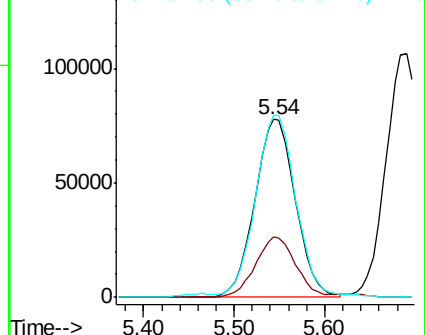
56 100

69 34.4 25.4 38.0

84 100.3 75.4 113.0



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 148.372 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

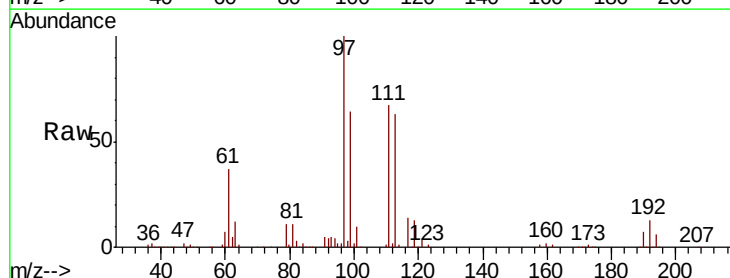
Tgt Ion: 97 Resp: 310148

Ion Ratio Lower Upper

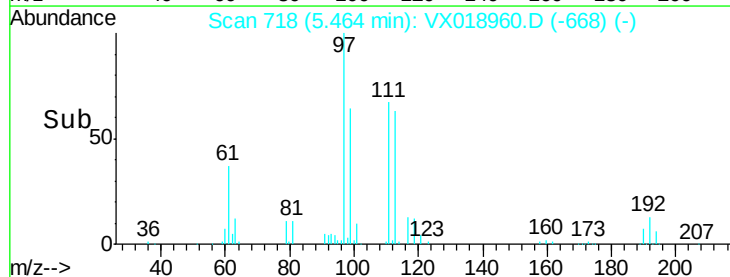
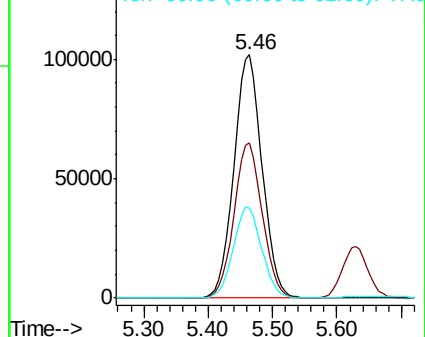
97 100

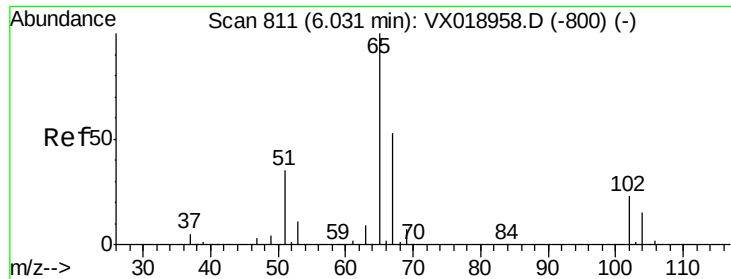
99 64.0 50.5 75.7

61 38.1 32.3 48.5



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0

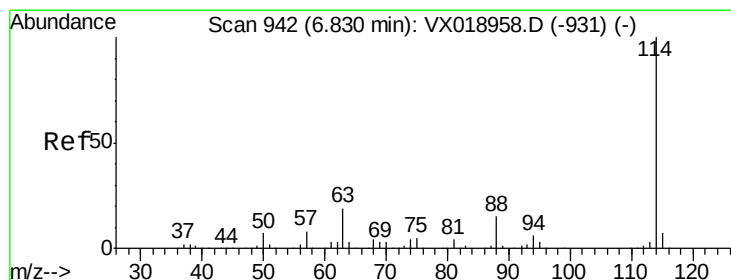
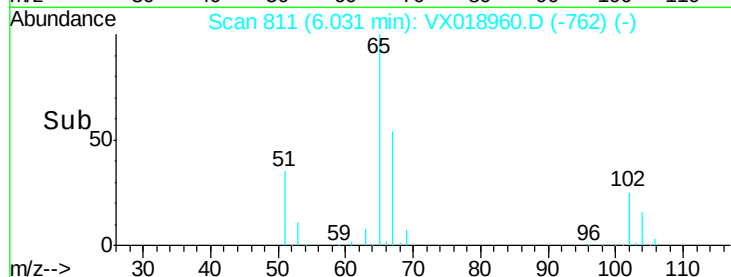
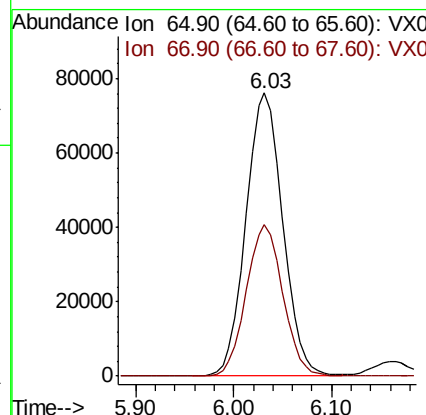
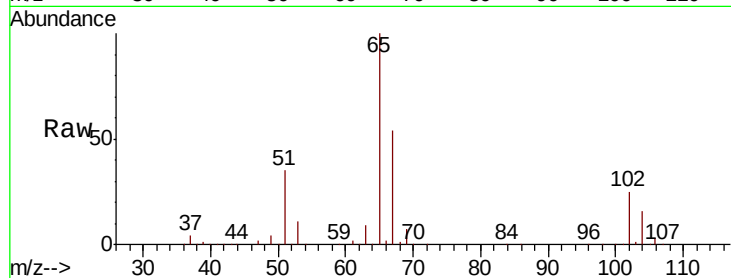




#33  
 1,2-Dichloroethane-d4  
 Concen: 132.371 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

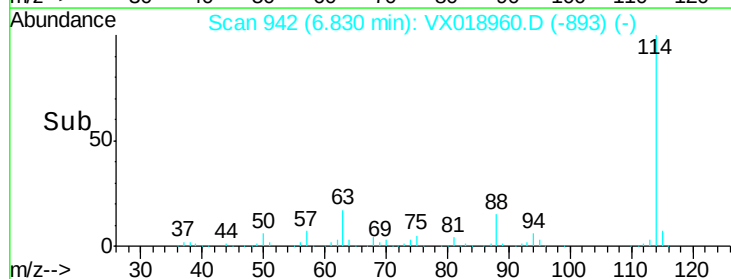
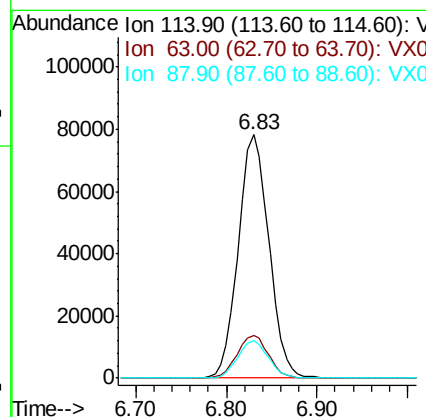
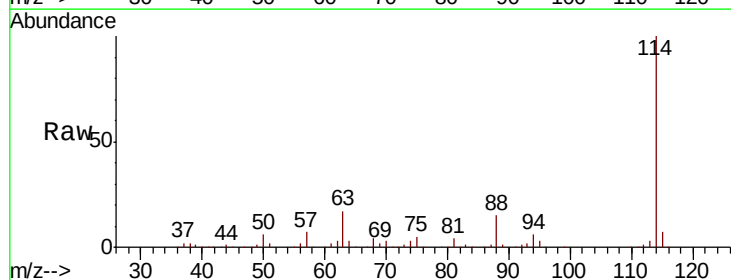
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

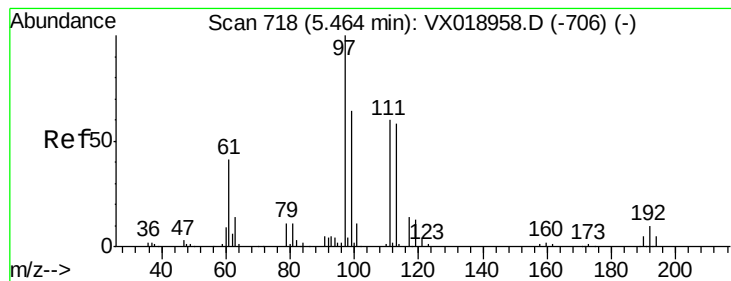
Tot Ion: 65 Resp: 199312  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

Tgt Ion: 114 Resp: 183690  
 Ion Ratio Lower Upper  
 114 100  
 63 17.4 0.0 38.0  
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 151.372 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

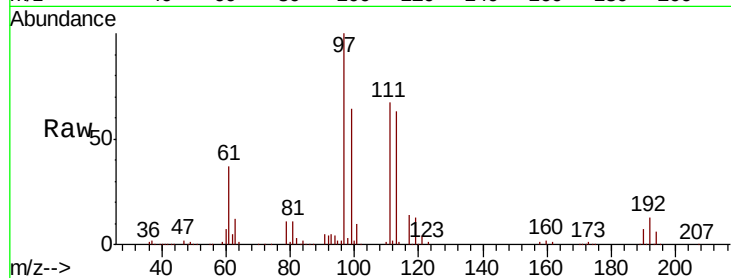
Tot Ion:113 Resp: 184820

Ion Ratio Lower Upper

113 100

111 103.1 80.8 121.2

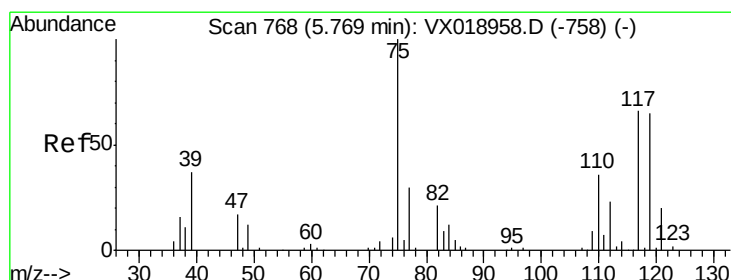
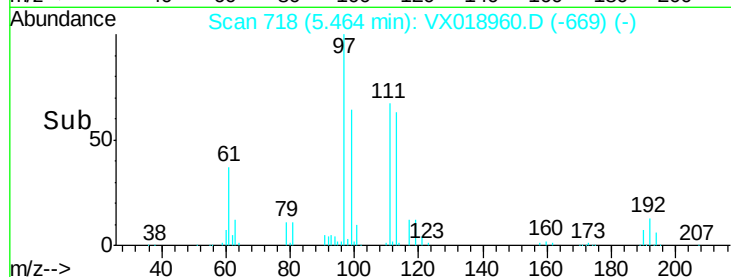
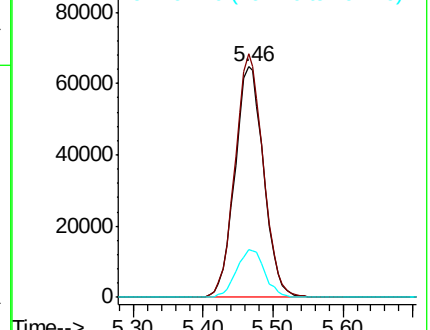
192 20.3 14.5 21.7



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: 149.469 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

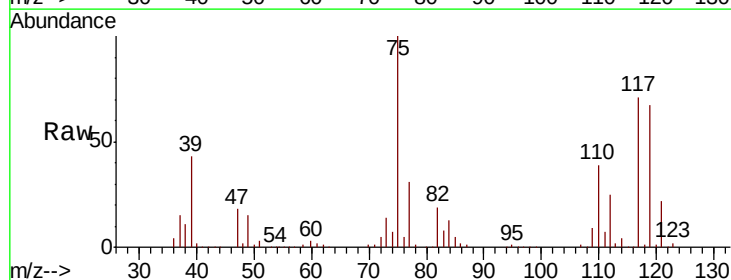
Tgt Ion: 75 Resp: 252878

Ion Ratio Lower Upper

75 100

110 39.0 18.3 54.8

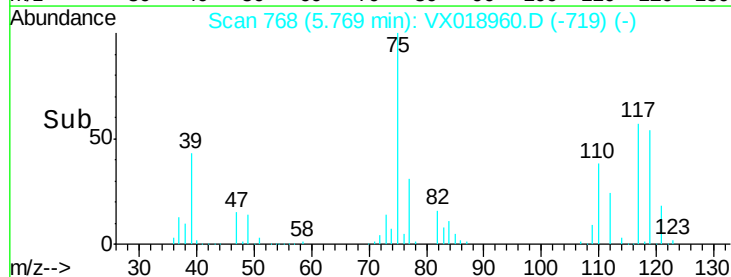
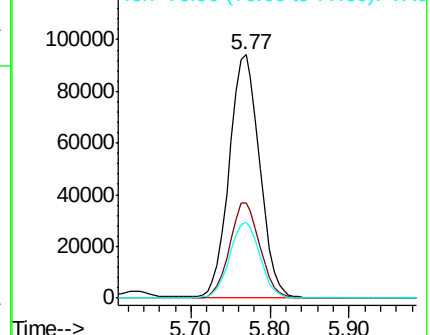
77 31.3 25.0 37.4

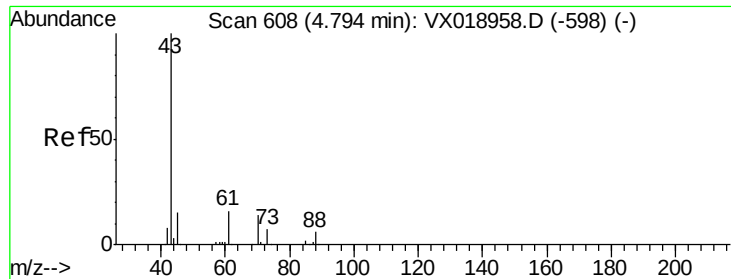


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

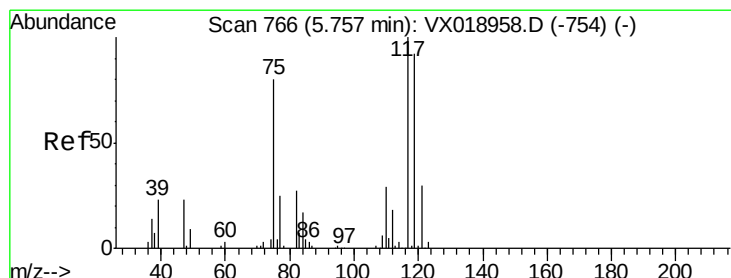
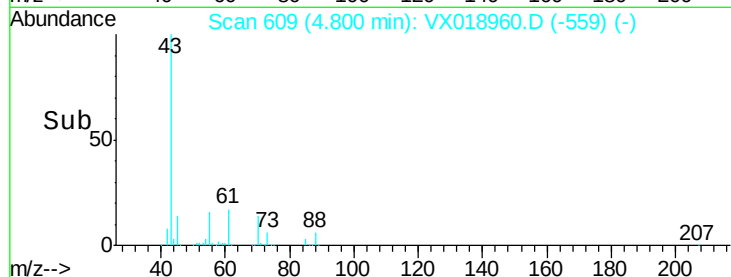
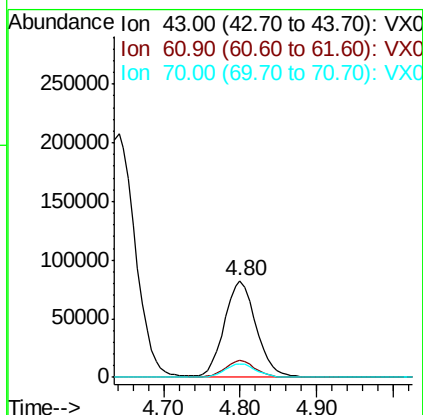
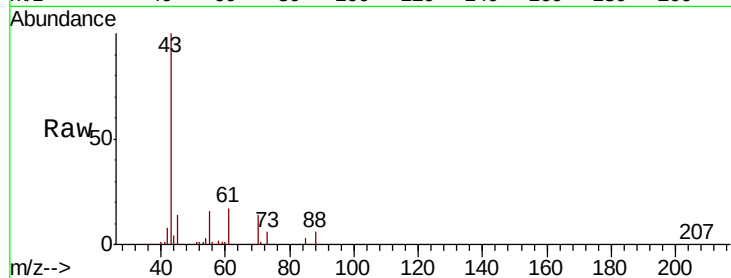




#37  
Ethyl Acetate  
Concen: 123.190 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

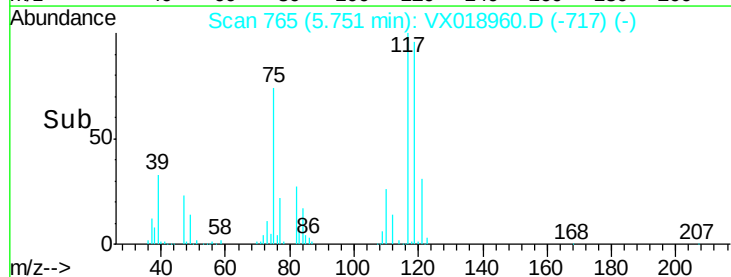
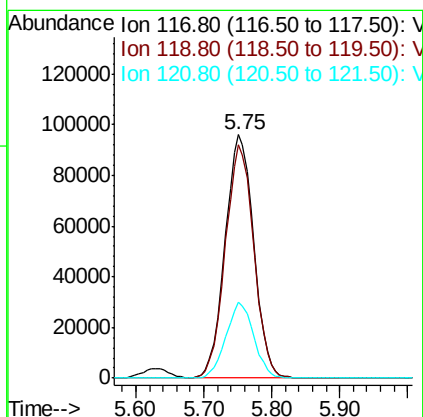
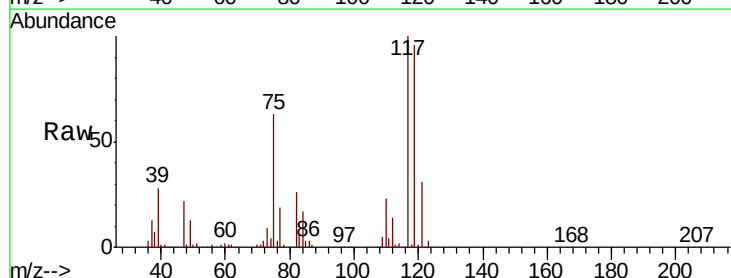
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC150

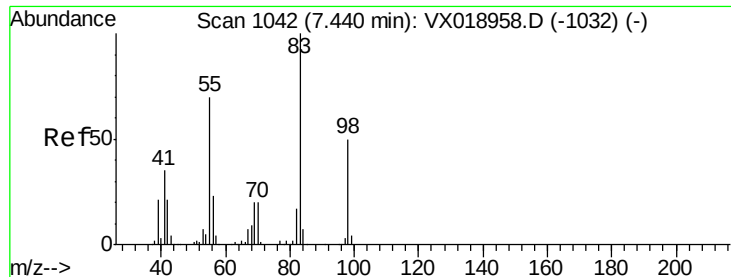
Tot Ion: 43 Resp: 236310  
Ion Ratio Lower Upper  
43 100  
61 16.6 12.7 19.1  
70 13.9 10.6 15.8



#38  
Carbon Tetrachloride  
Concen: 148.297 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 117 Resp: 279861  
Ion Ratio Lower Upper  
117 100  
119 95.7 73.2 109.8  
121 31.1 23.5 35.3

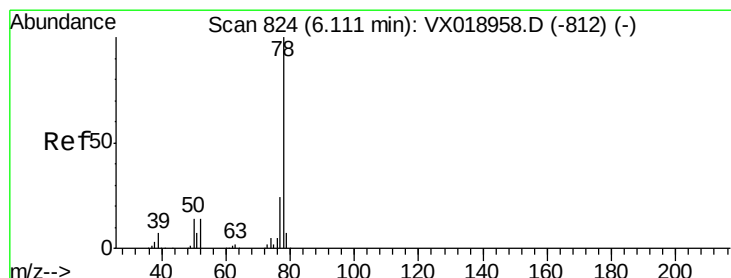
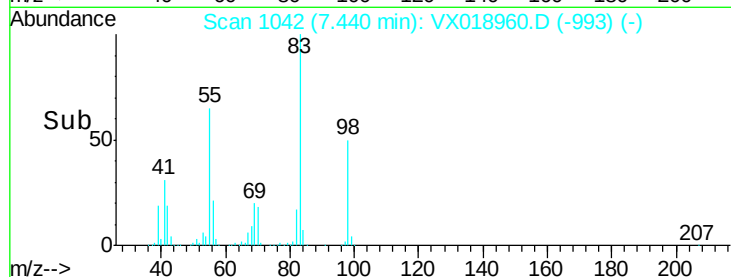
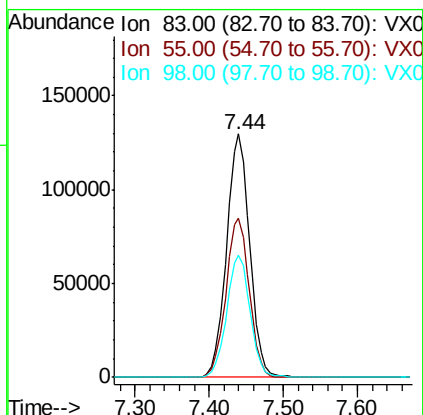
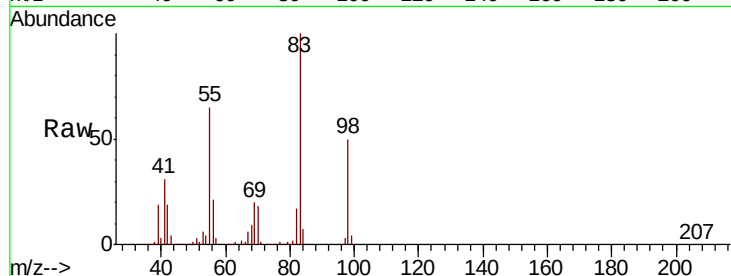




#39  
Methylvlcyclohexane  
Concen: 151.984 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

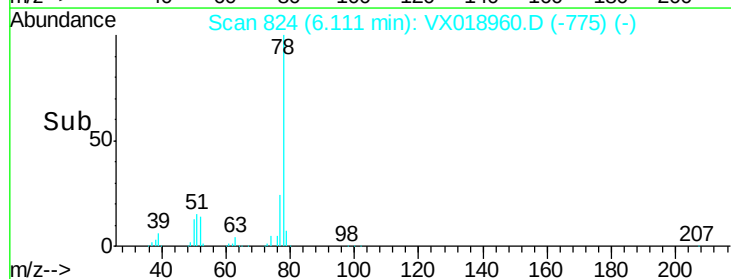
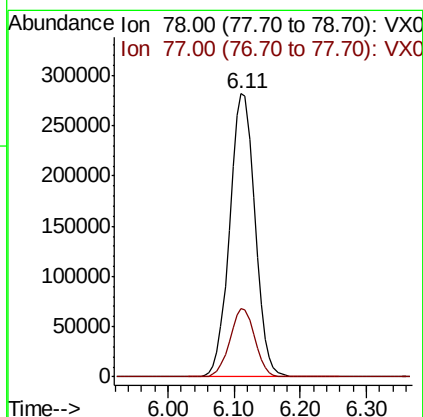
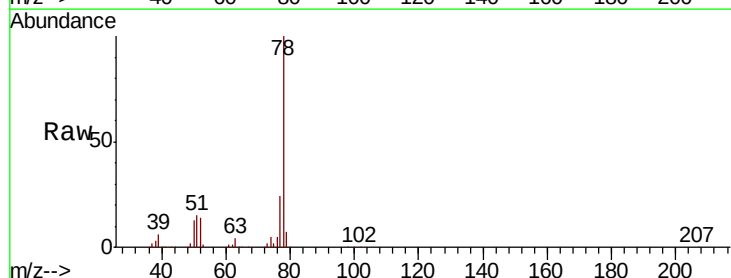
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tot Ion: 83 Resp: 280833  
Ion Ratio Lower Upper  
83 100  
55 65.3 56.3 84.5  
98 50.3 39.8 59.6

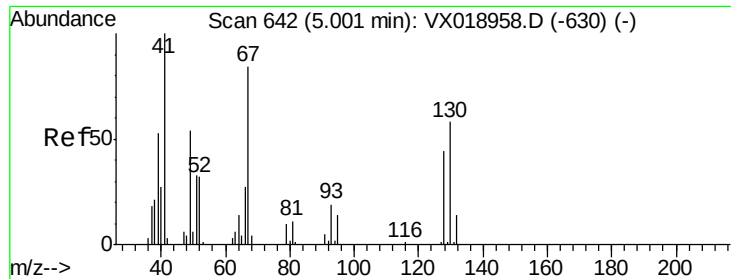


#40  
Benzene  
Concen: 149.598 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 78 Resp: 747371  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.2 28.8



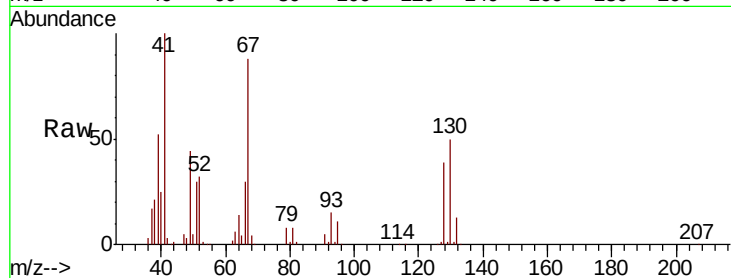




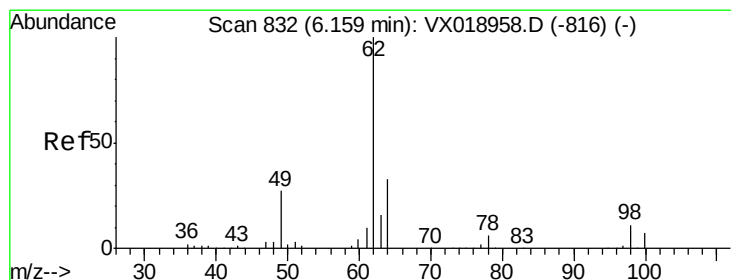
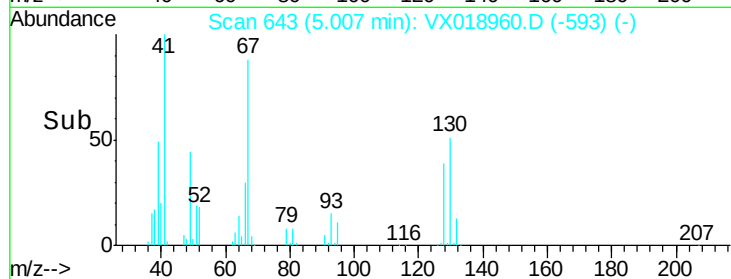
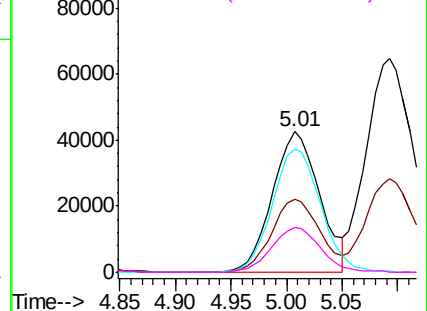
#41  
Methacrylonitrile  
Concen: 119.417 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 125103 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 53.0  | 43.7  | 65.5   |
| 67       | 90.7  | 70.9  | 106.3  |
| 52       | 32.6  | 27.0  | 40.6   |

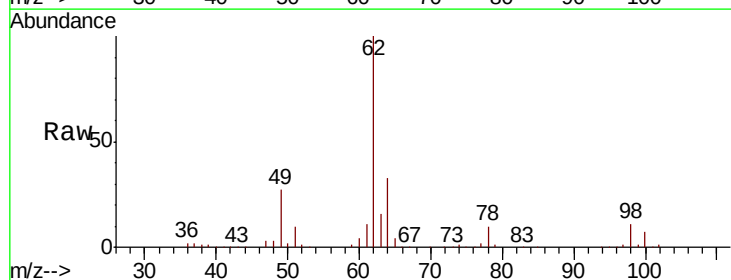


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

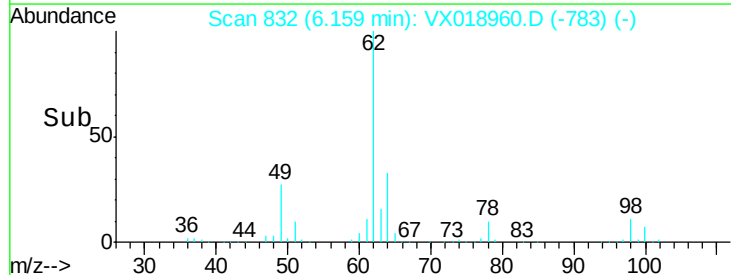
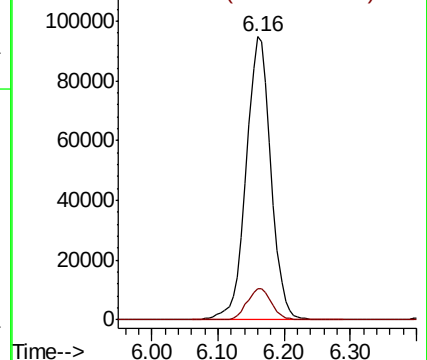


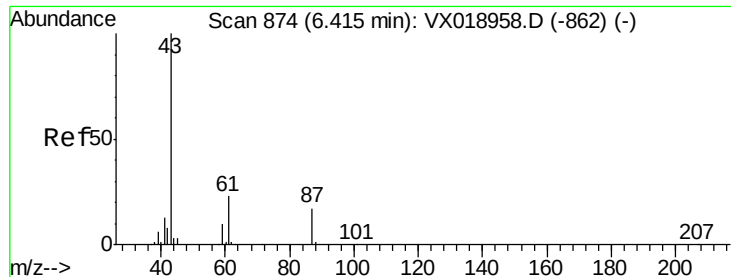
#42  
1,2-Dichloroethane  
Concen: 131.111 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 246896 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.9  | 0.0   | 20.6   |



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





#43

Isopropyl Acetate

Concen: 124.603 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

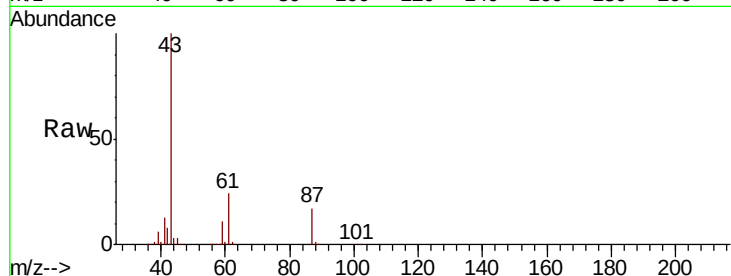
Tot Ion: 43 Resp: 386013

Ion Ratio Lower Upper

43 100

61 23.9 18.3 27.5

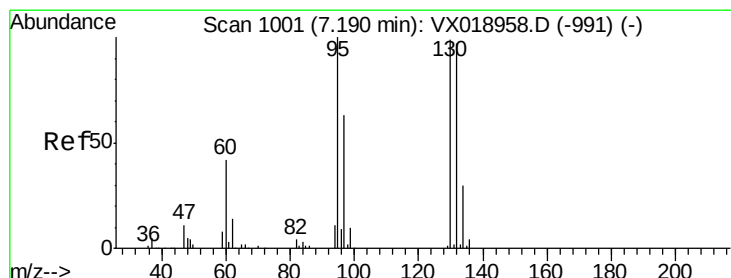
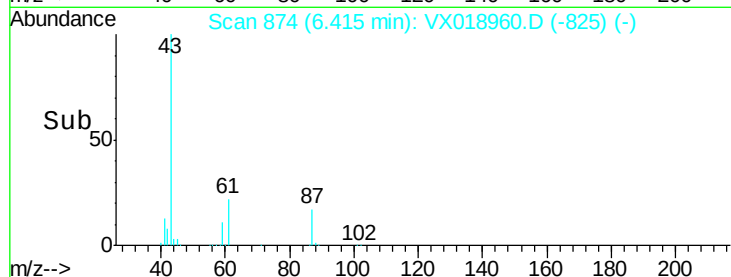
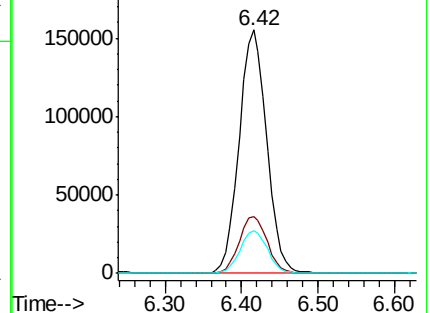
87 17.7 13.4 20.2



Abundance Ion 43.00 (42.70 to 43.70): VX018958.D (-862) (-)

Ion 61.00 (60.70 to 61.70): VX018958.D (-862) (-)

Ion 87.00 (86.70 to 87.70): VX018958.D (-862) (-)



#44

Trichloroethene

Concen: 155.718 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018960.D

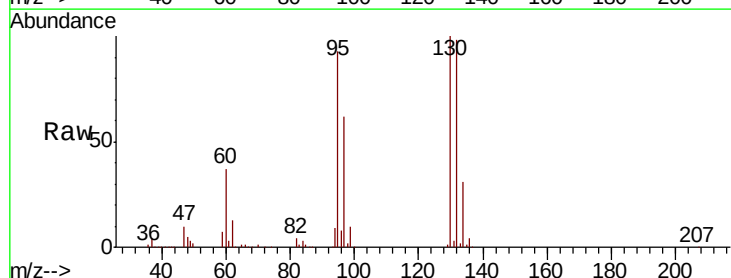
Acq: 19 Oct 2020 18:22

Tgt Ion:130 Resp: 217363

Ion Ratio Lower Upper

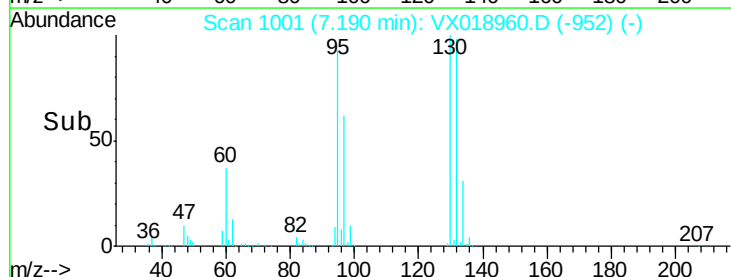
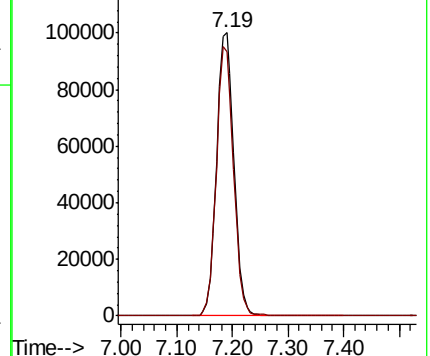
130 100

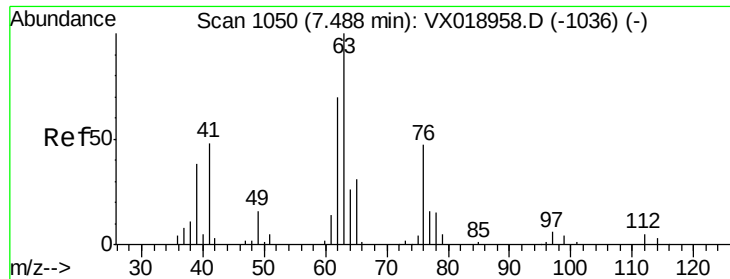
95 93.2 0.0 201.0



Abundance Ion 129.80 (129.50 to 130.50): VX018958.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX018958.D (-991) (-)





#45

1,2-Dichloropropane

Concen: 136.856 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

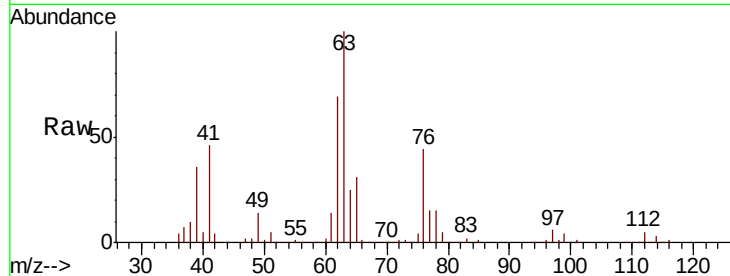
VSTDIC150

Tot Ion: 63 Resp: 180578

Ion Ratio Lower Upper

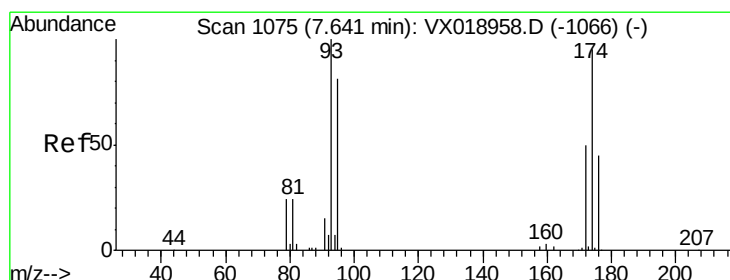
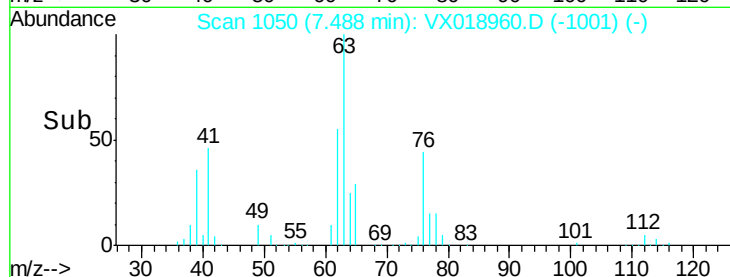
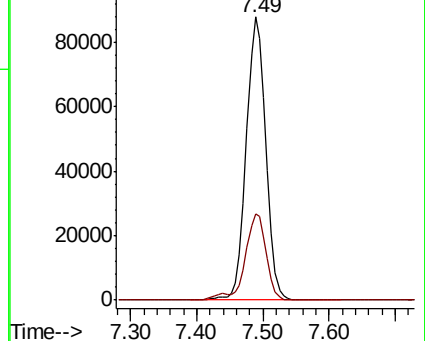
63 100

65 30.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 143.672 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

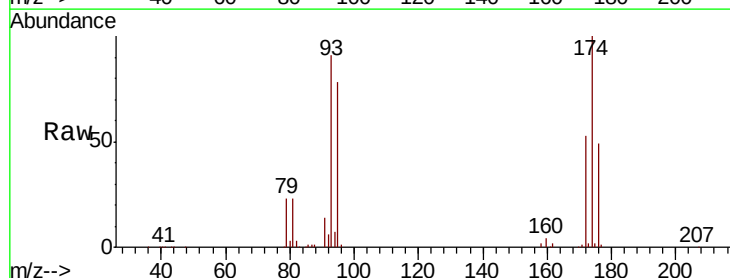
Tgt Ion: 93 Resp: 134633

Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

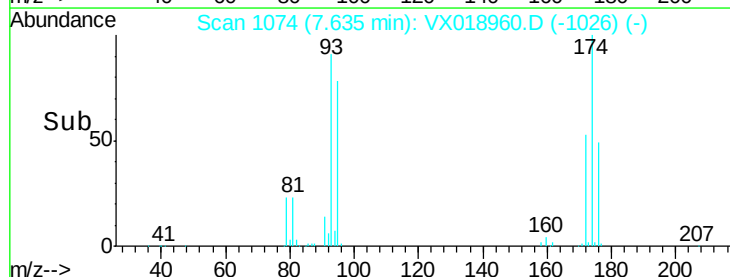
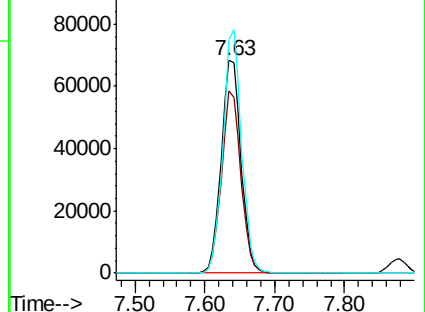
174 107.8 73.8 110.8

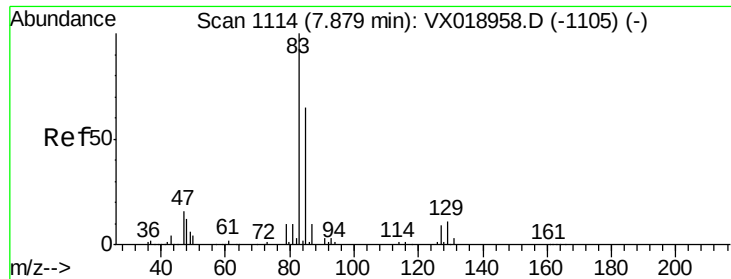


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 144.928 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

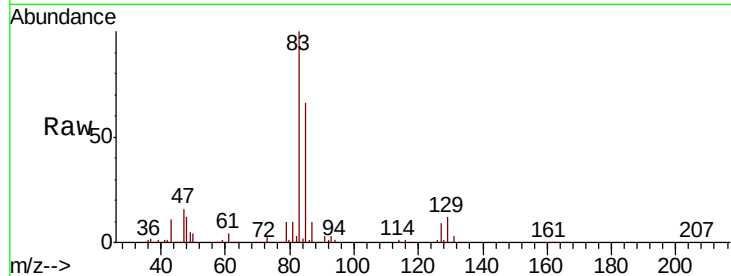
Tot Ion: 83 Resp: 270438

Ion Ratio Lower Upper

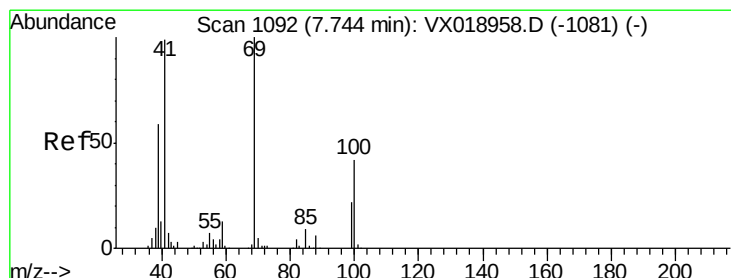
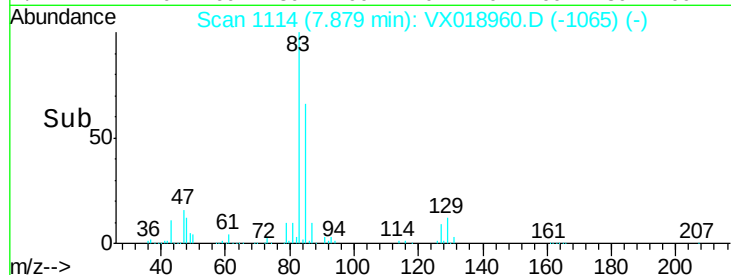
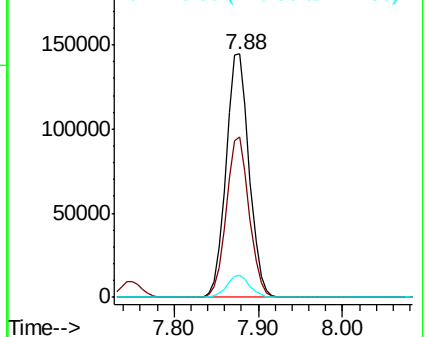
83 100

85 66.1 52.4 78.6

127 9.4 7.3 10.9



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



#48

Methyl methacrylate

Concen: 118.937 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

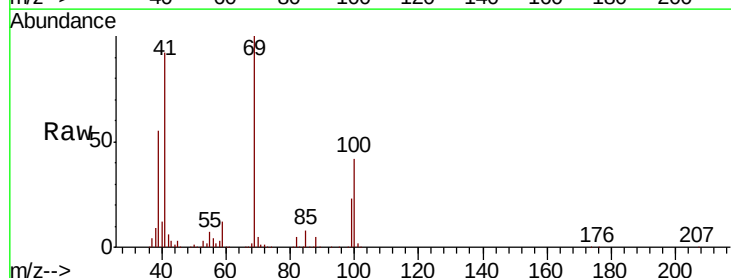
Tgt Ion: 41 Resp: 181622

Ion Ratio Lower Upper

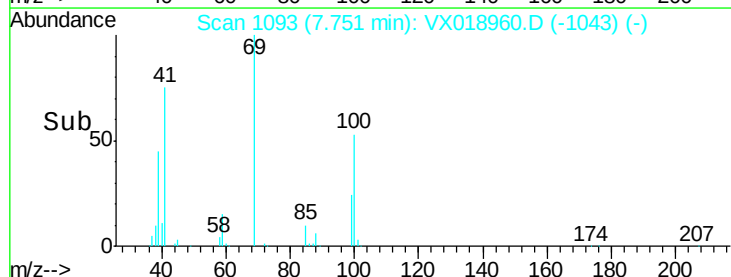
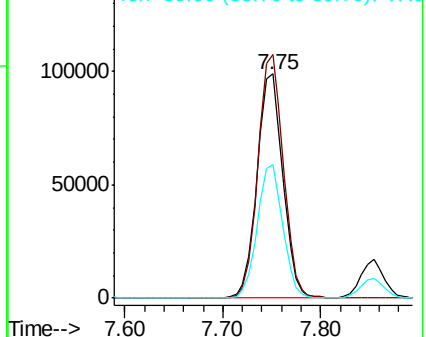
41 100

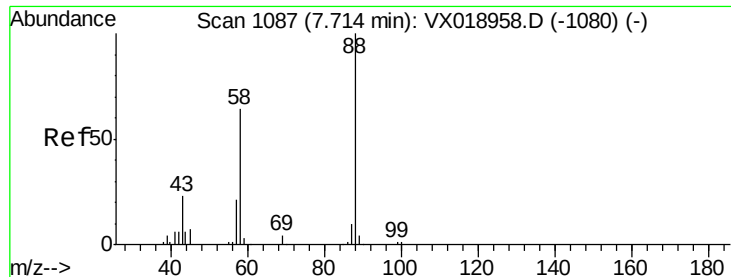
69 107.1 82.4 123.6

39 58.9 48.1 72.1



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

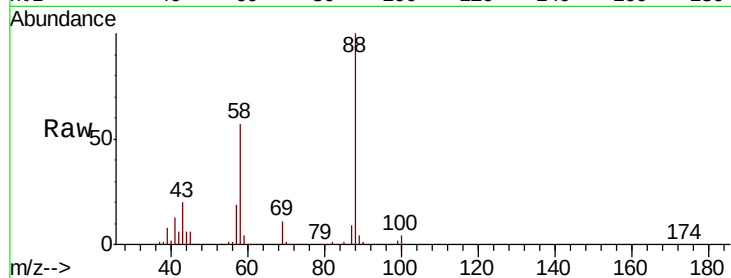




#49  
1,4-Dioxane  
Concen: 3231.355 ug/l  
RT: 7.72 min Scan# 1088  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | 88    | Resp  | 92218 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 25.0  | 21.1  | 31.7  |
| 58      | 60.7  | 50.3  | 75.5  |

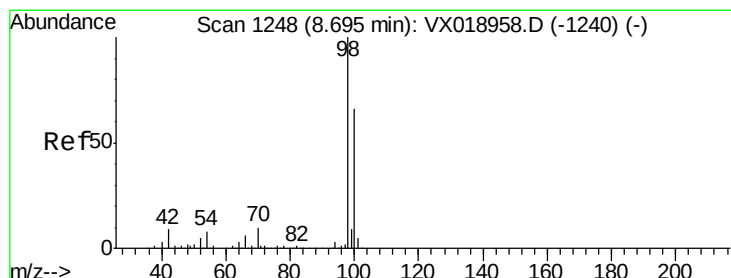
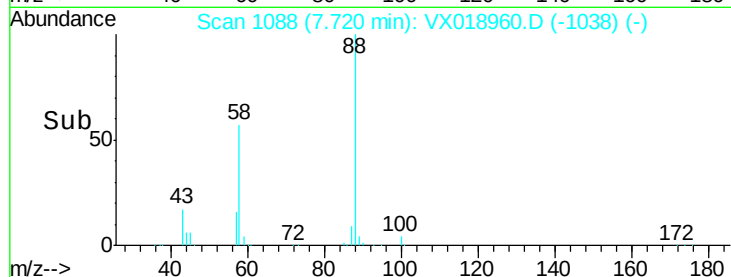
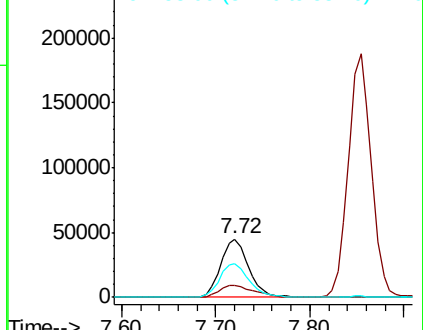


Abundance

Ion 88.00 (87.70 to 88.70): VX0

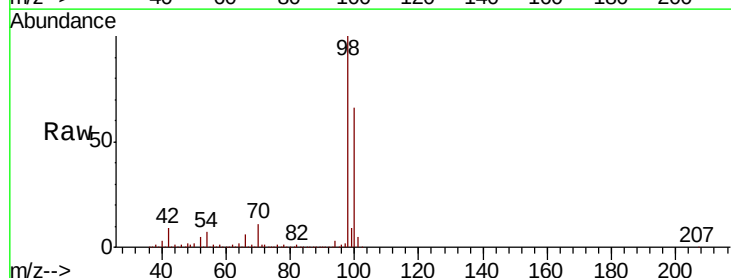
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 151.095 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

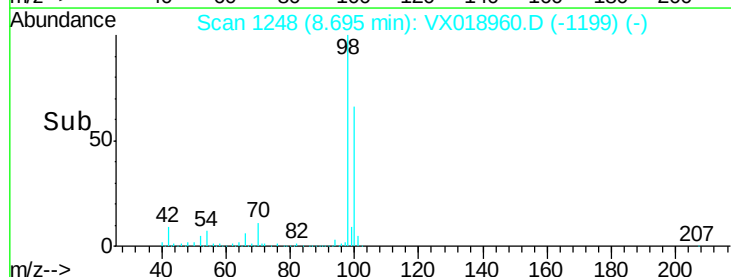
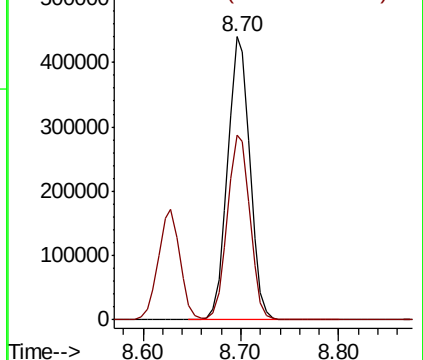
| Tgt Ion | 98    | Resp  | 693613 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.7  | 53.4  | 80.2   |

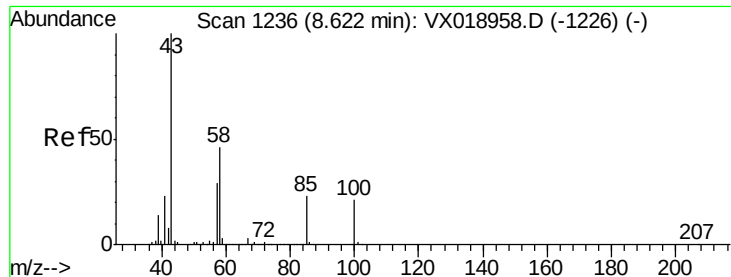


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

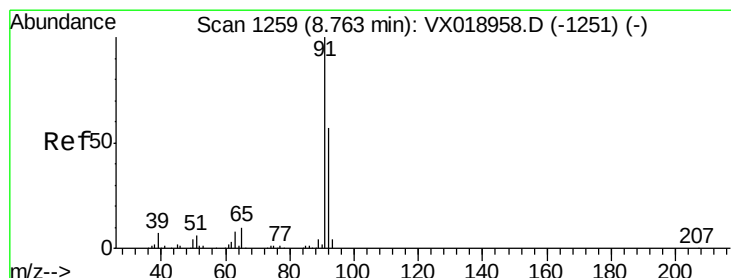
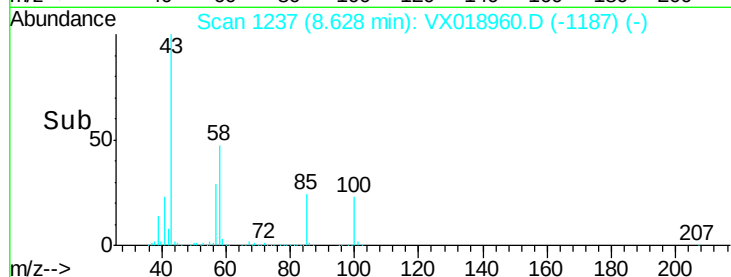
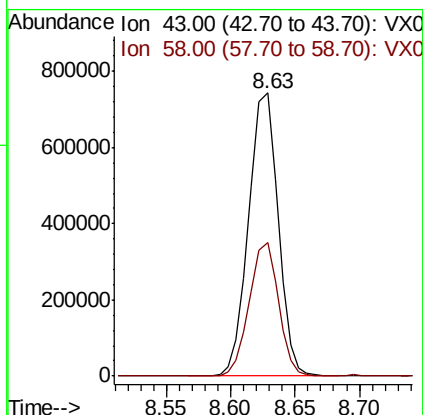
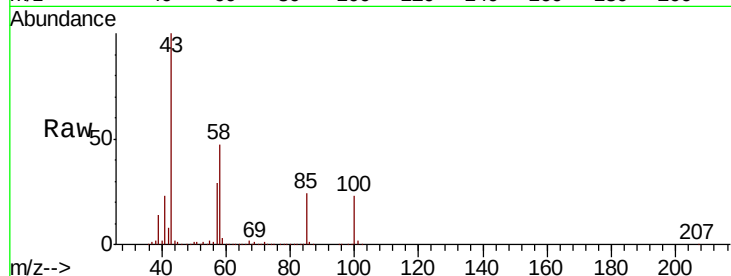




#51  
4-Methyl-2-Pentanone  
Concen: 620.878 ug/l  
RT: 8.63 min Scan# 1237  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

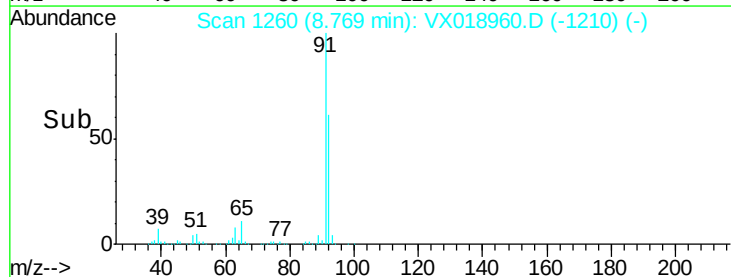
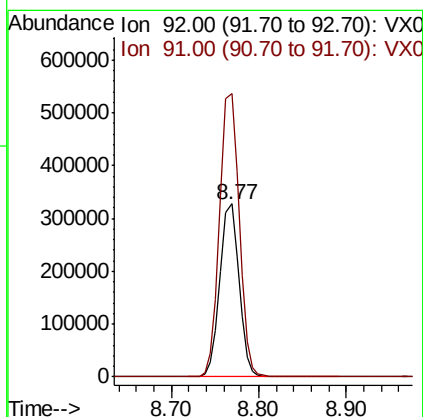
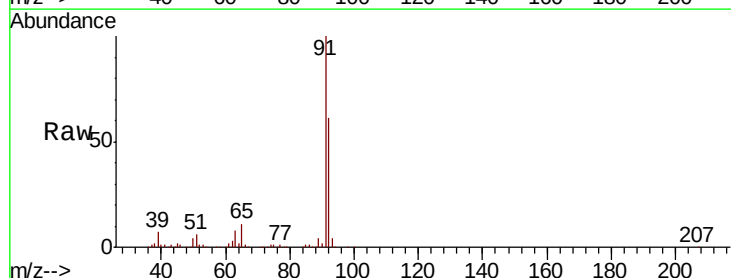
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

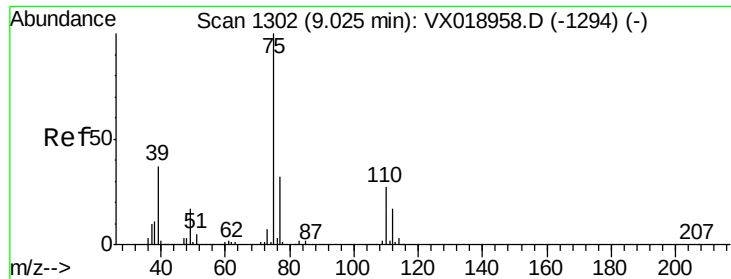
Tot Ion: 43 Resp: 1179826  
Ion Ratio Lower Upper  
43 100  
58 46.5 36.4 54.6



#52  
Toluene  
Concen: 156.213 ug/l  
RT: 8.77 min Scan# 1260  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 92 Resp: 497606  
Ion Ratio Lower Upper  
92 100  
91 168.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 148.371 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

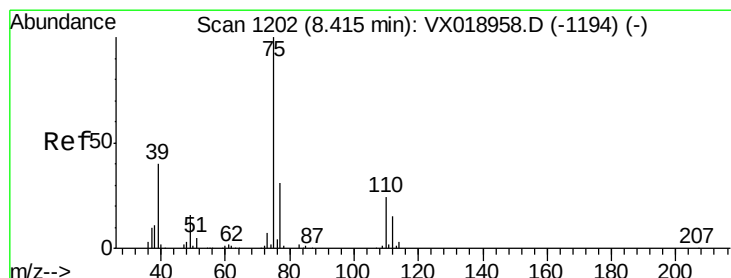
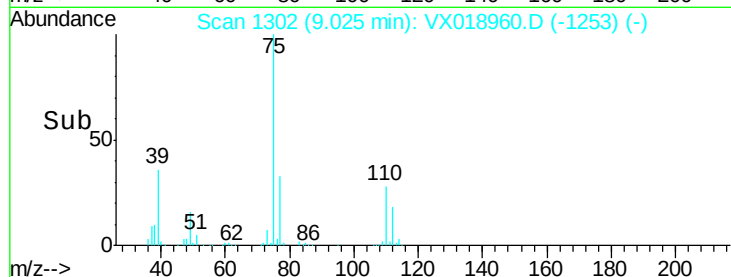
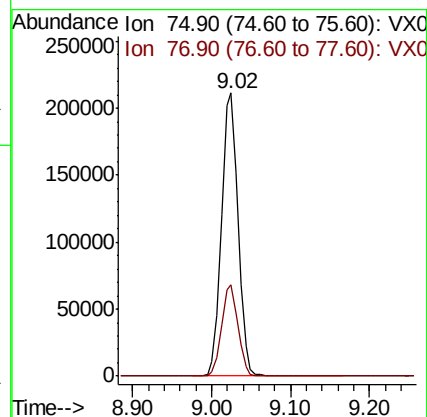
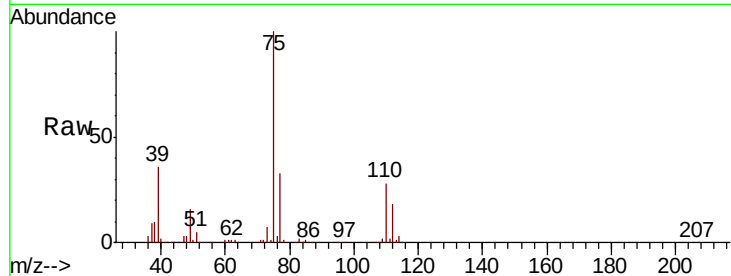
VSTDIC150

Tot Ion: 75 Resp: 309087

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 147.449 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

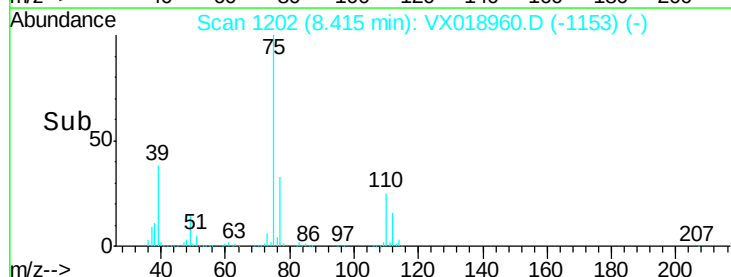
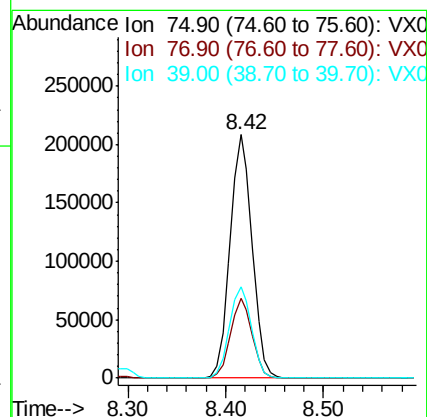
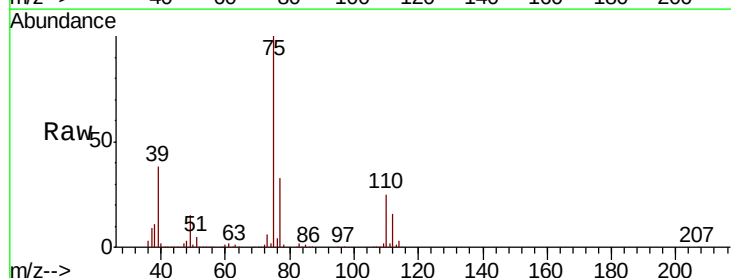
Tgt Ion: 75 Resp: 324654

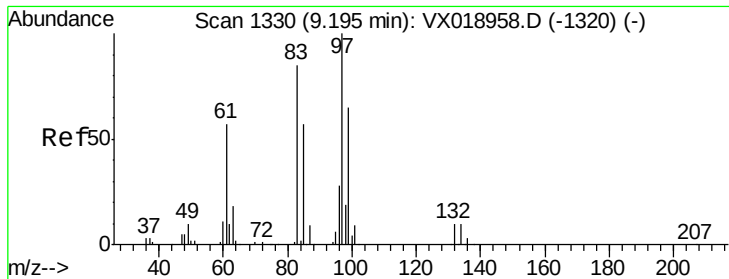
Ion Ratio Lower Upper

75 100

77 32.8 24.6 36.8

39 37.5 32.1 48.1

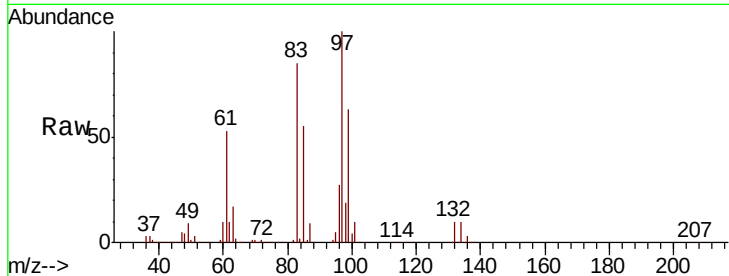




#55  
 1,1,2-Trichloroethane  
 Concen: 147.630 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 198082 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.5  | 67.8  | 101.8  |
| 85       | 54.8  | 45.7  | 68.5   |
| 99       | 62.9  | 52.6  | 78.8   |



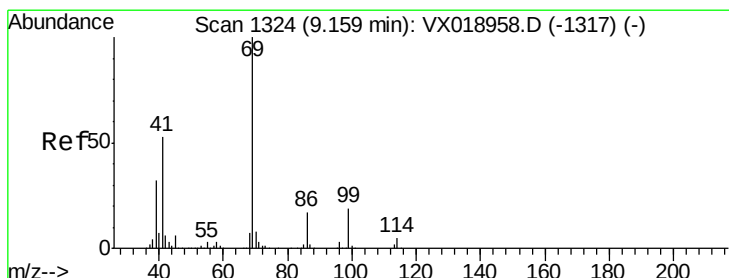
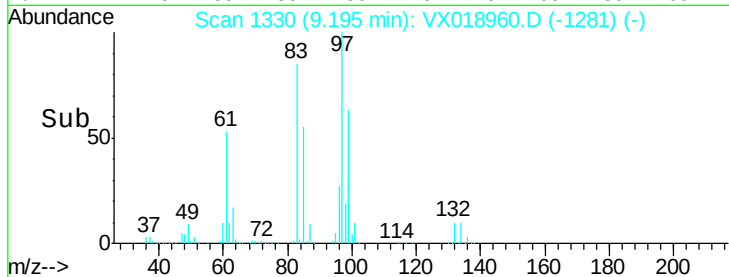
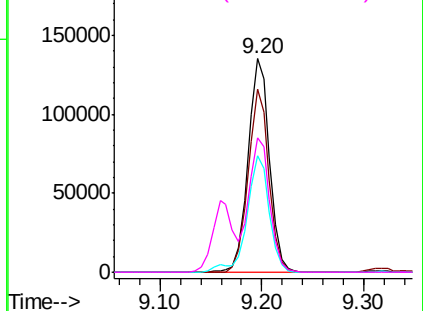
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

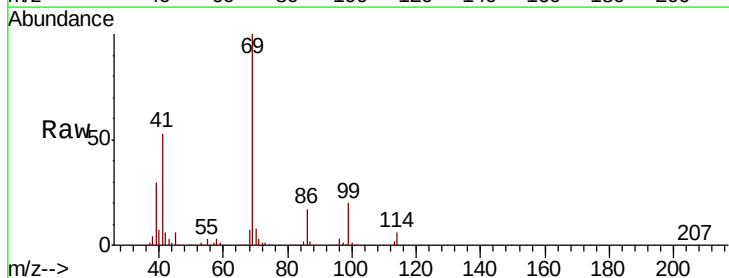
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56  
 Ethyl methacrylate  
 Concen: 151.867 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 303403 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 52.4  | 43.4  | 65.2   |
| 39       | 29.8  | 25.0  | 37.4   |

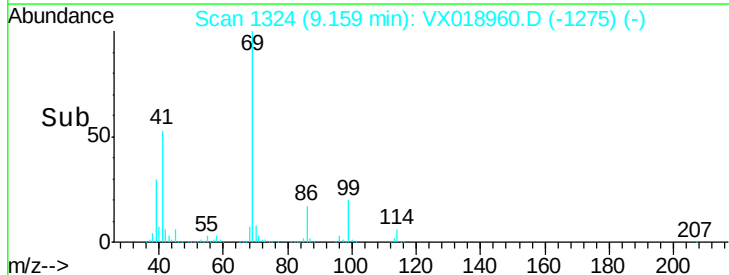
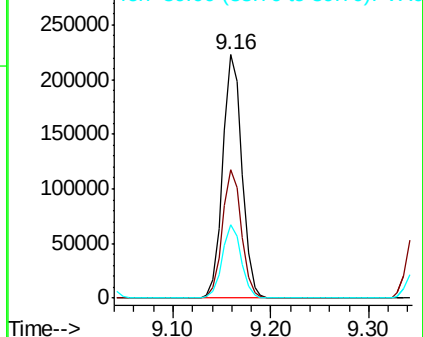


Abundance

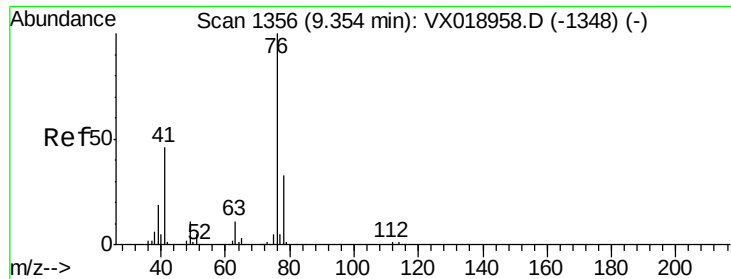
Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



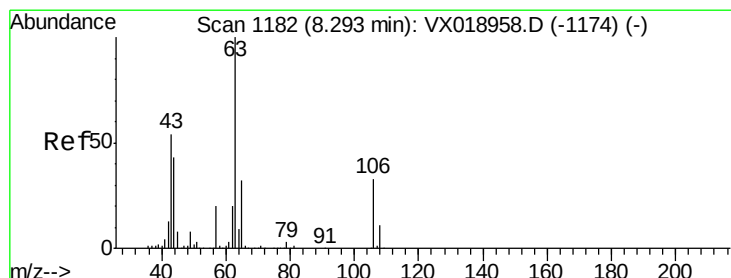
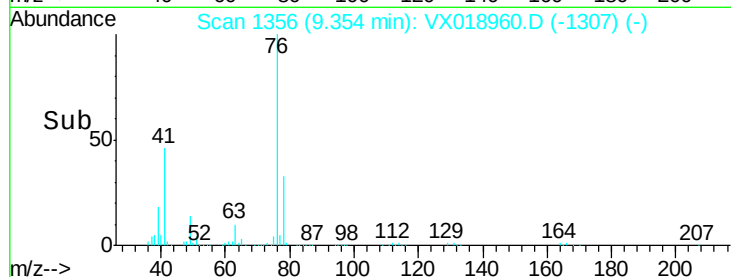
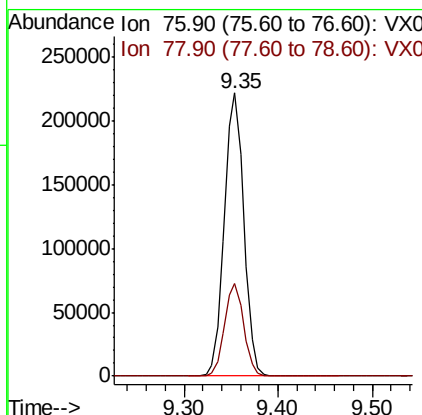
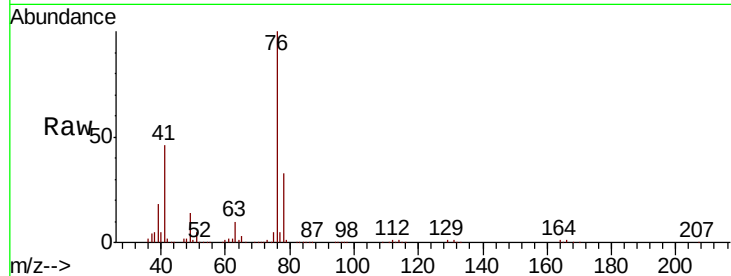




#57  
 1,3-Dichloropropane  
 Concen: 144.181 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

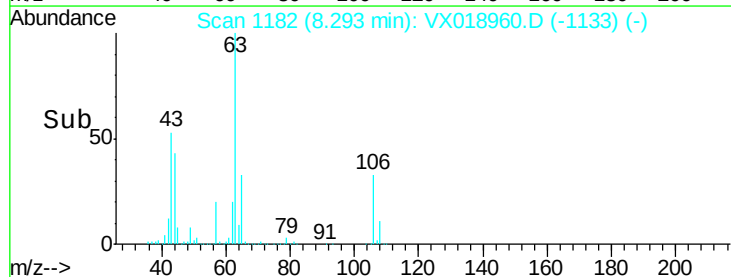
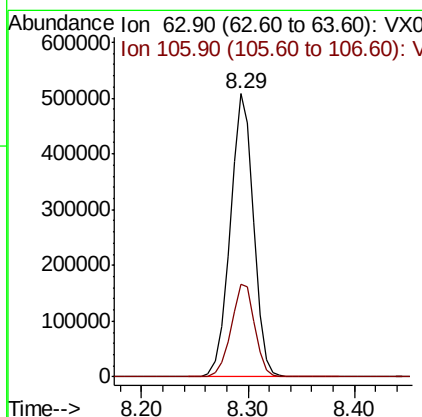
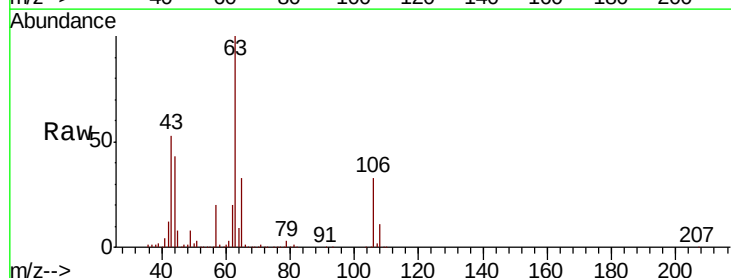
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

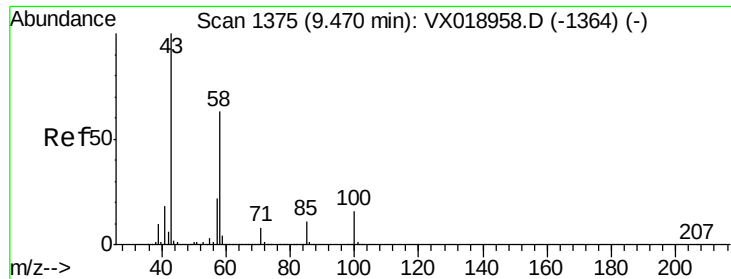
Tot Ion: 76 Resp: 318713  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 26.2 39.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 838.448 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

Tgt Ion: 63 Resp: 775651  
 Ion Ratio Lower Upper  
 63 100  
 106 33.4 24.8 37.2

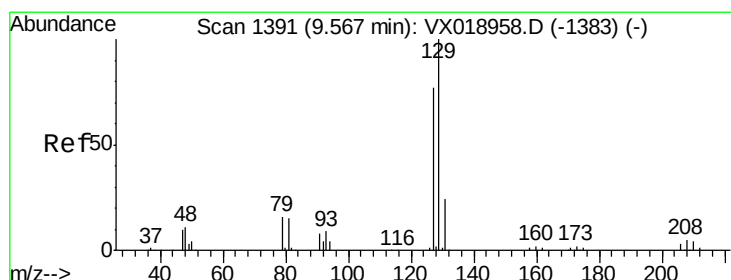
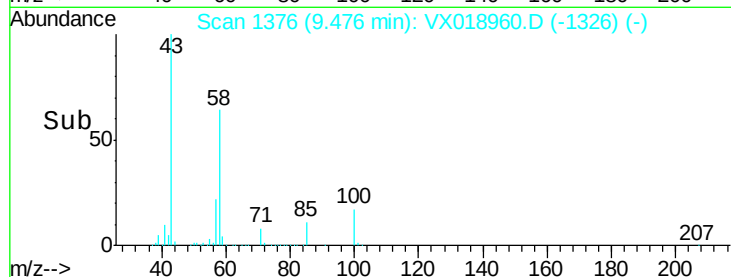
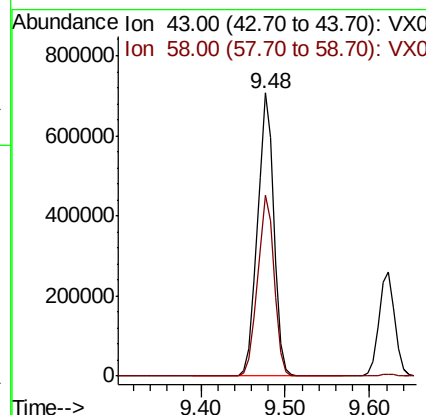
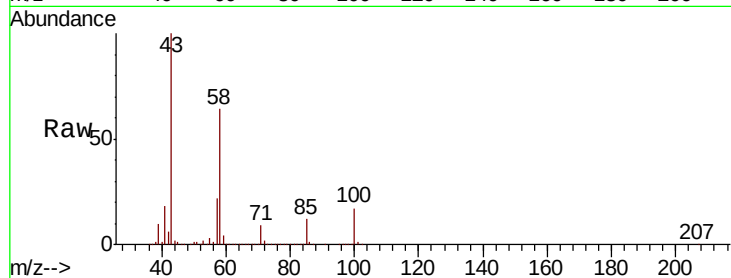




#59  
2-Hexanone  
Concen: 637.206 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

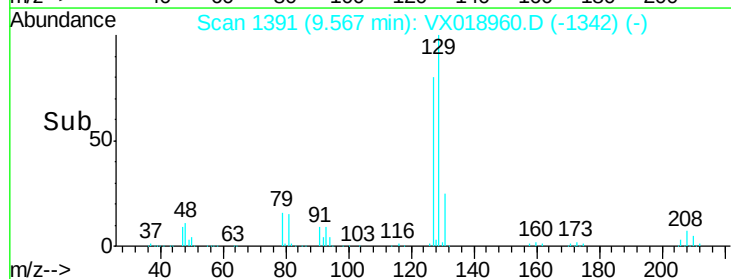
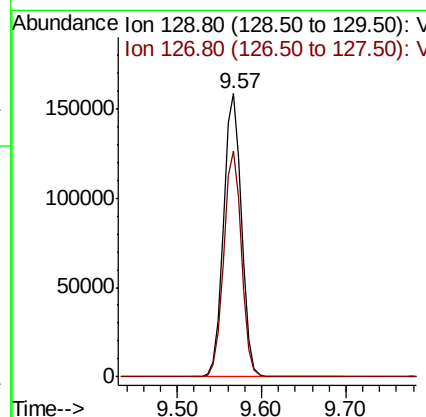
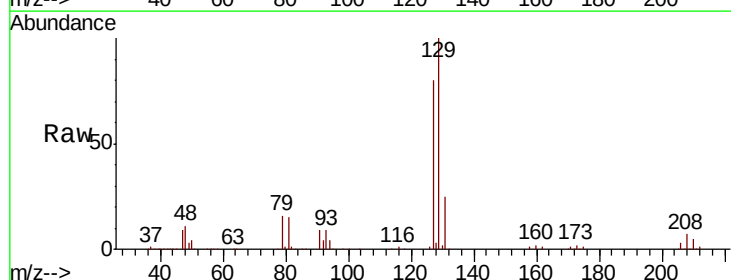
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

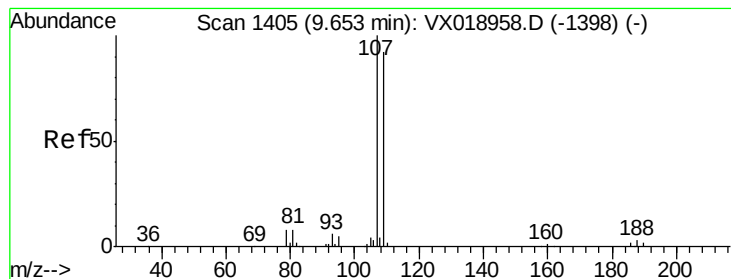
Tot Ion: 43 Resp: 918343  
Ion Ratio Lower Upper  
43 100  
58 64.8 31.7 95.1



#60  
Dibromochloromethane  
Concen: 149.364 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 129 Resp: 233491  
Ion Ratio Lower Upper  
129 100  
127 79.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 149.767 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

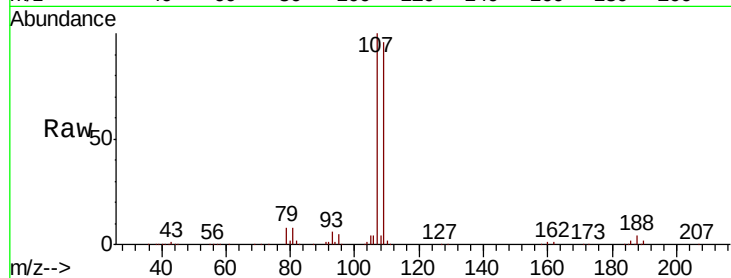
VSTDIC150

Tot Ion:107 Resp: 218190

Ion Ratio Lower Upper

107 100

109 93.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

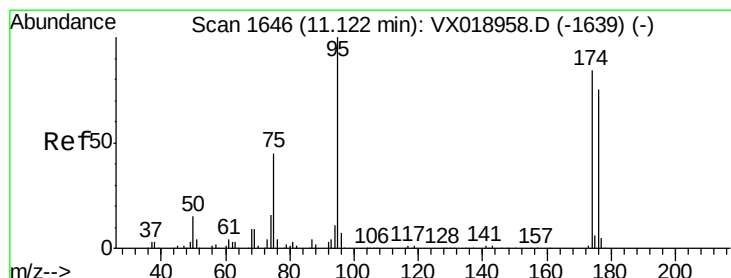
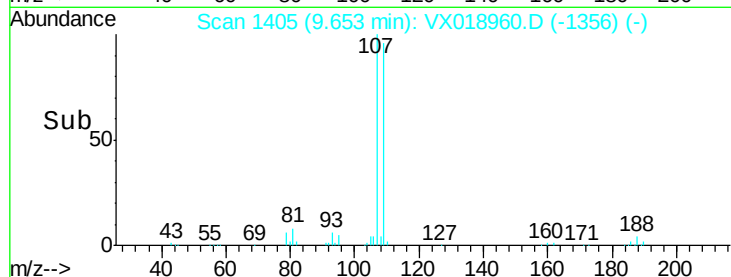
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 146.279 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

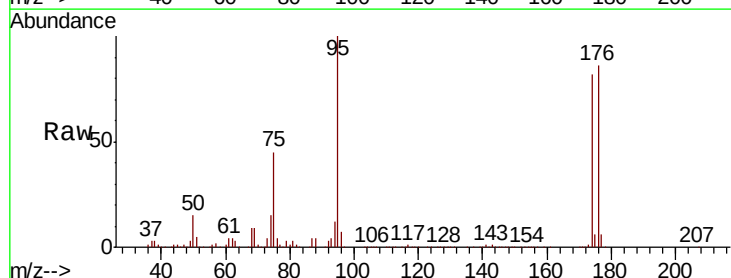
Tgt Ion: 95 Resp: 259734

Ion Ratio Lower Upper

95 100

174 85.3 0.0 164.6

176 85.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

250000

200000

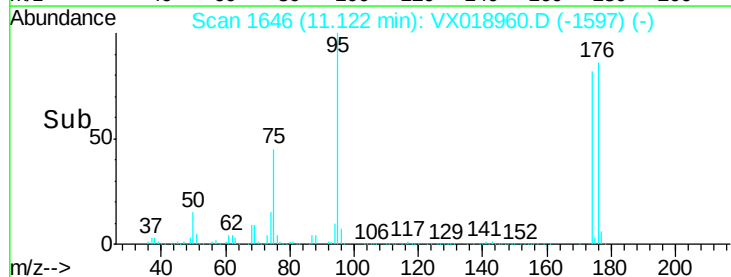
150000

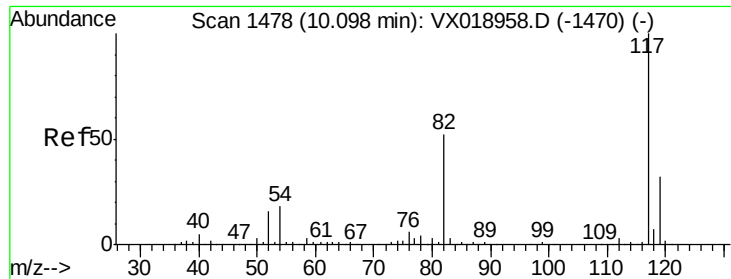
100000

50000

0

Time-->

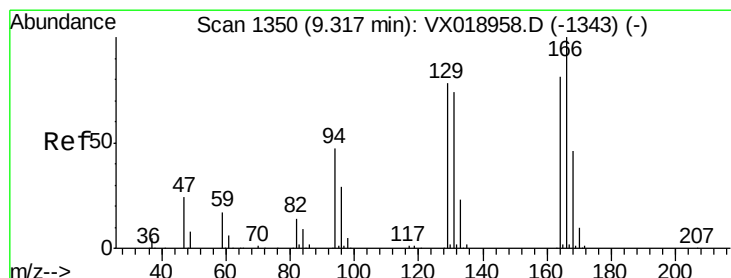
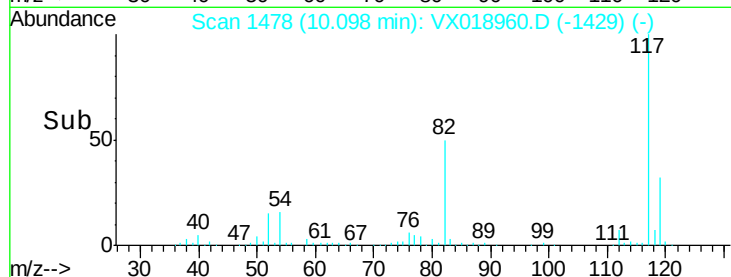
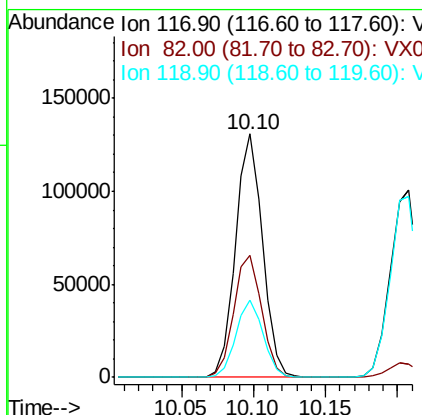
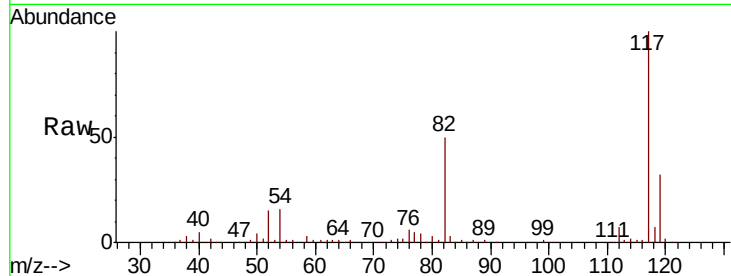




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

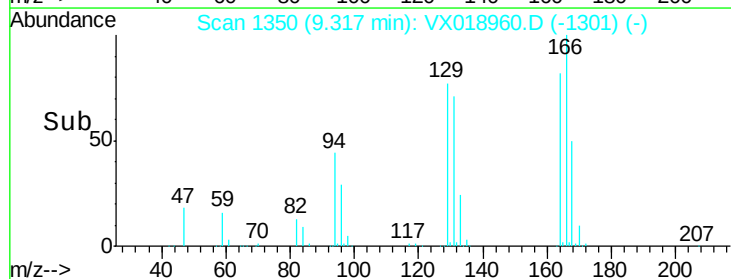
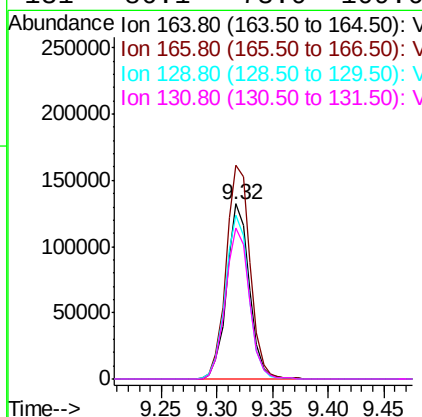
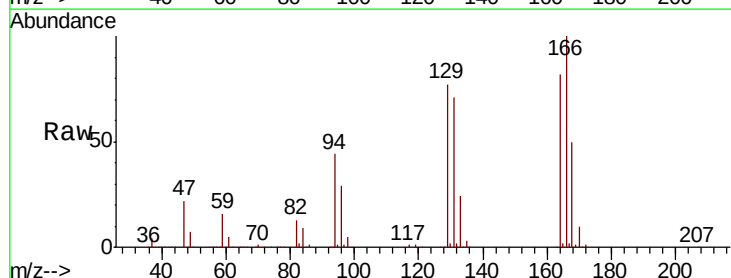
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

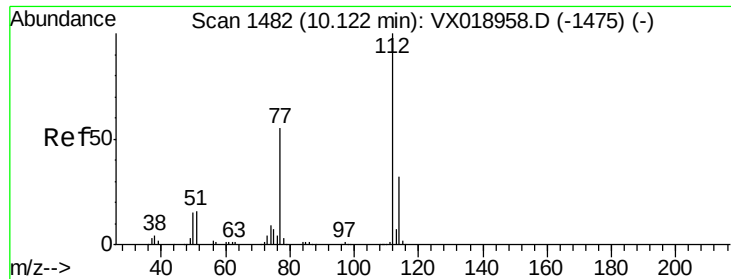
Tot Ion:117 Resp: 171664  
Ion Ratio Lower Upper  
117 100  
82 50.0 41.6 62.4  
119 31.7 25.4 38.2



#64  
Tetrachloroethene  
Concen: 148.448 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion:164 Resp: 185362  
Ion Ratio Lower Upper  
164 100  
166 122.0 98.9 148.3  
129 93.6 77.0 115.4  
131 86.1 73.0 109.6

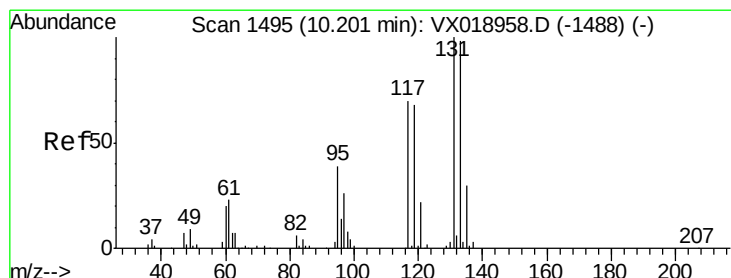
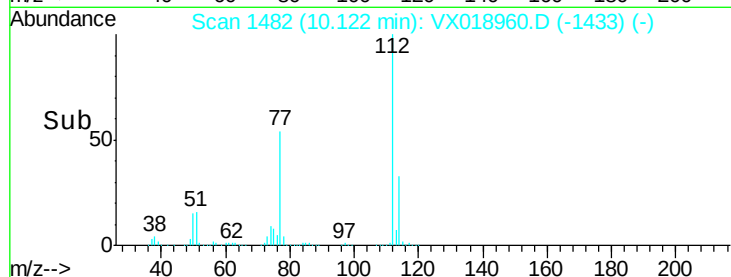
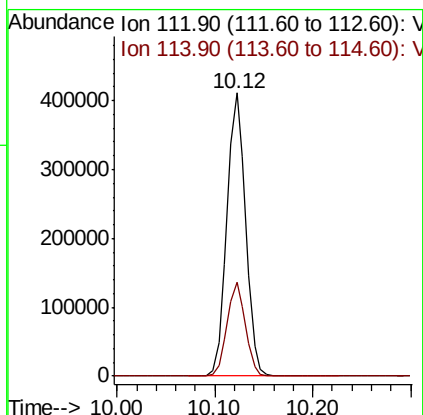
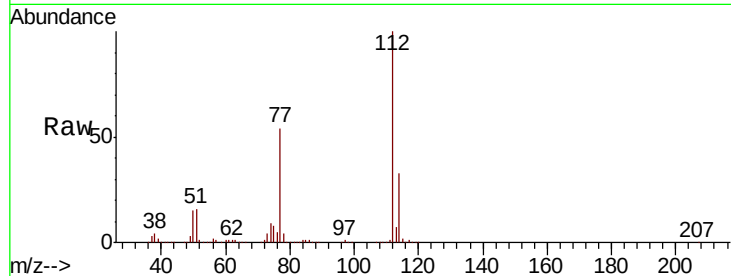




#65  
Chlorobenzene  
Concen: 158.784 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

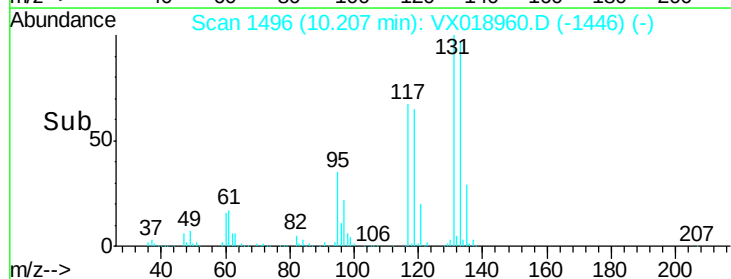
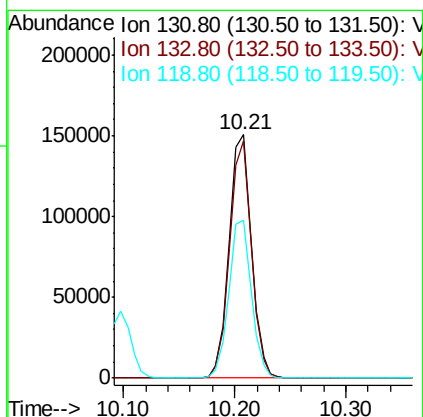
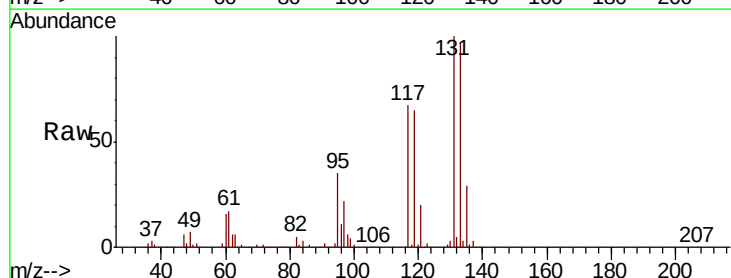
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

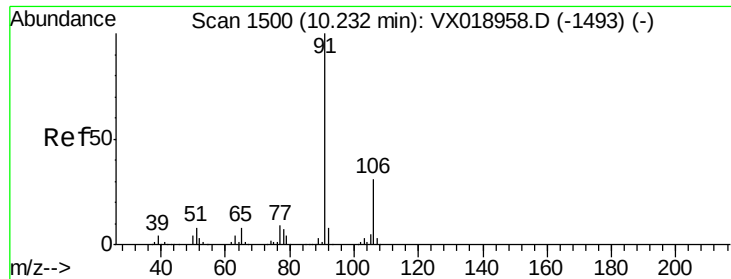
Tot Ion:112 Resp: 546750  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 156.581 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion:131 Resp: 210183  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.4 142.2  
119 65.2 33.5 100.4

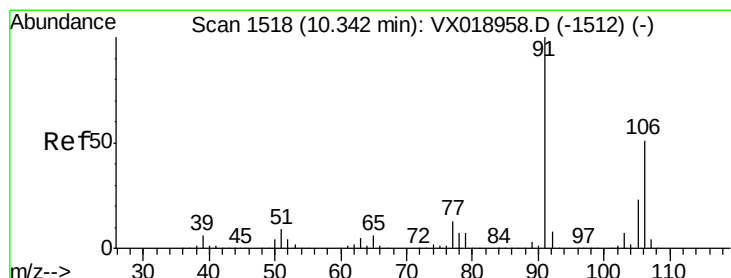
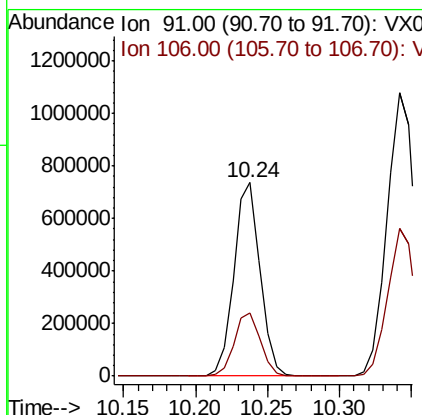
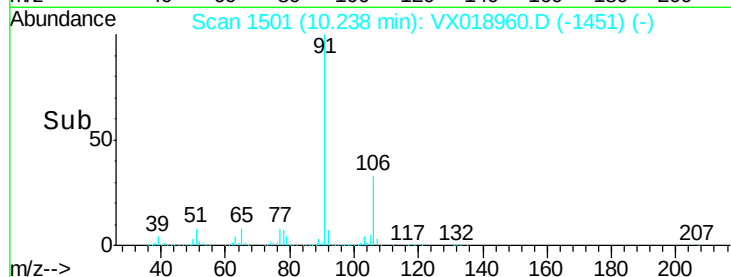
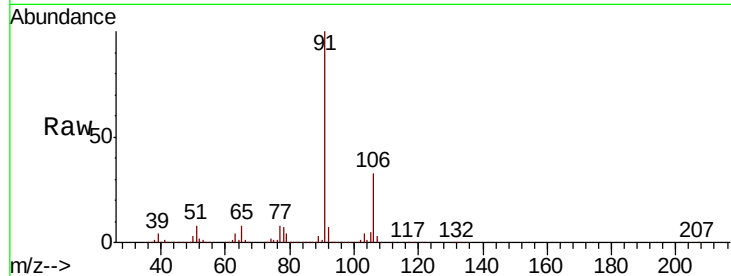




#67  
Ethyl Benzene  
Concen: 159.788 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

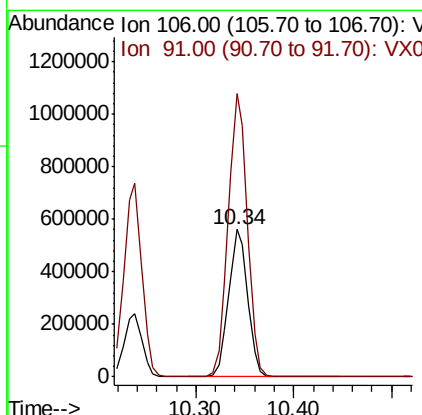
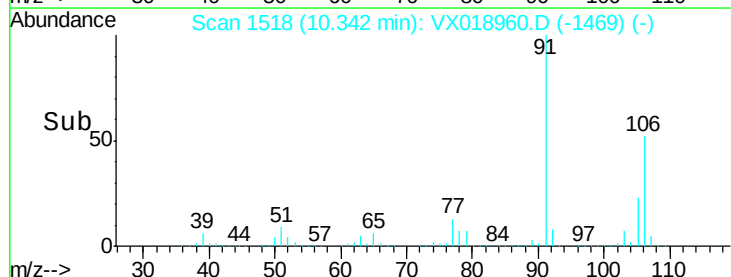
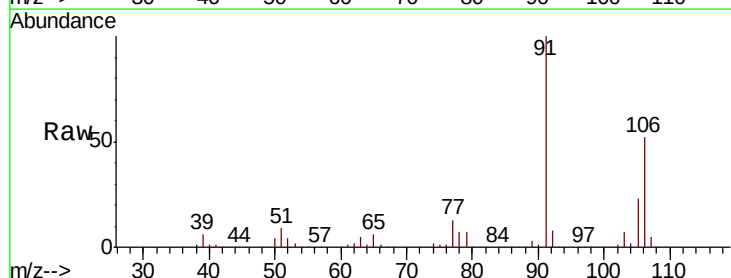
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

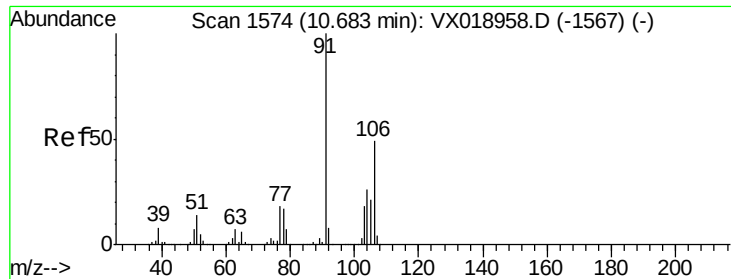
Tot Ion: 91 Resp: 936779  
Ion Ratio Lower Upper  
91 100  
106 32.8 24.7 37.1



#68  
m/p-Xylenes  
Concen: 342.807 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 106 Resp: 753583  
Ion Ratio Lower Upper  
106 100  
91 193.8 156.7 235.1

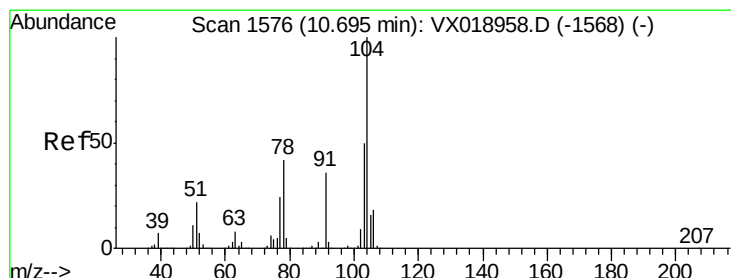
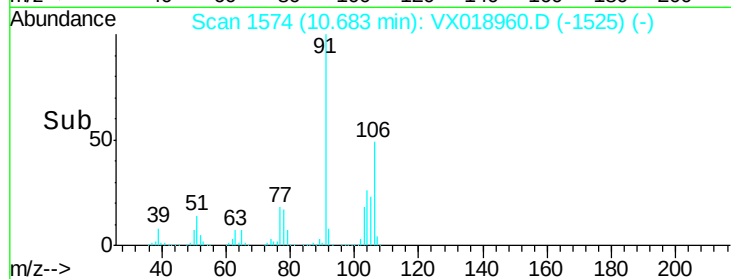
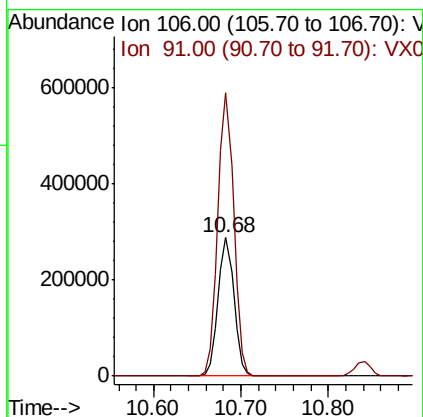
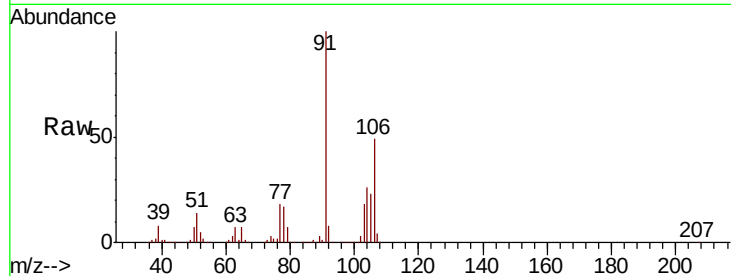




#69  
o-Xylene  
Concen: 168.940 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

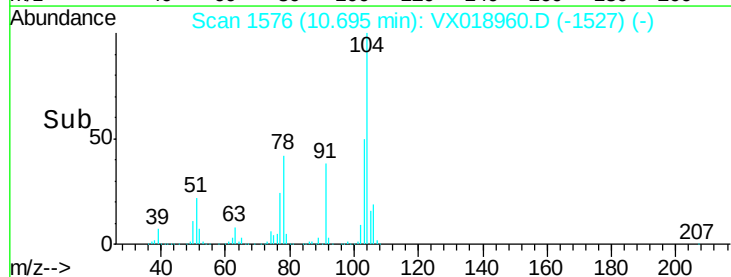
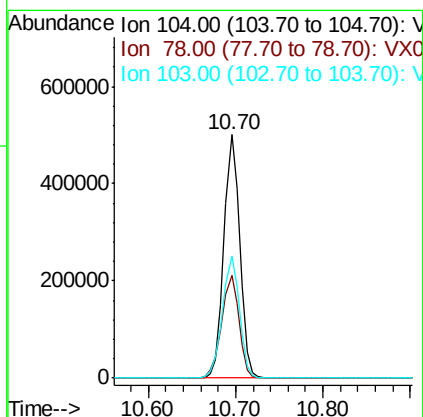
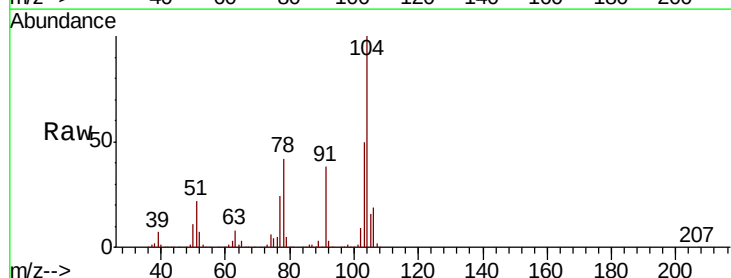
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

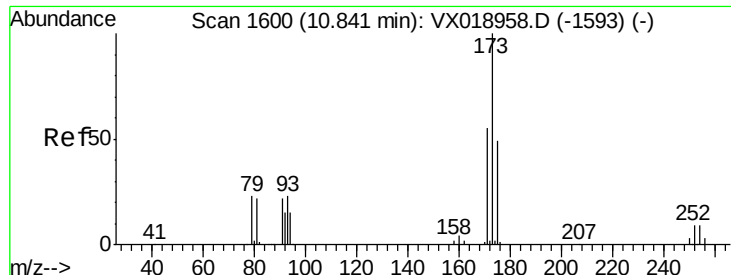
Tot Ion:106 Resp: 361444  
Ion Ratio Lower Upper  
106 100  
91 205.3 102.4 307.1



#70  
Styrene  
Concen: 172.632 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion:104 Resp: 625071  
Ion Ratio Lower Upper  
104 100  
78 46.4 37.9 56.9  
103 54.0 43.7 65.5





#71

Bromoform

Concen: 169.692 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

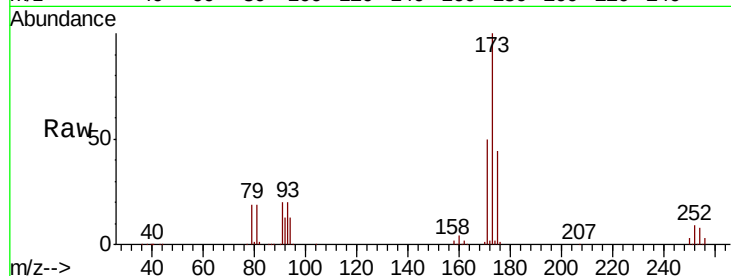
Tot Ion:173 Resp: 193422

Ion Ratio Lower Upper

173 100

175 48.6 23.7 71.1

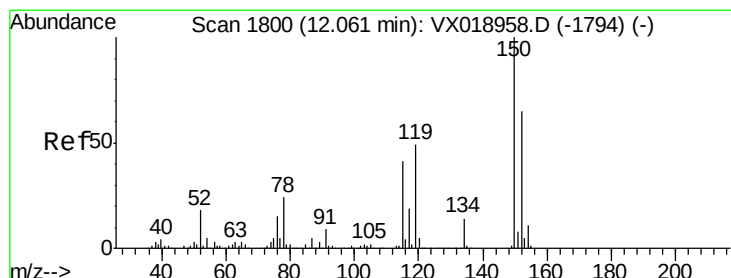
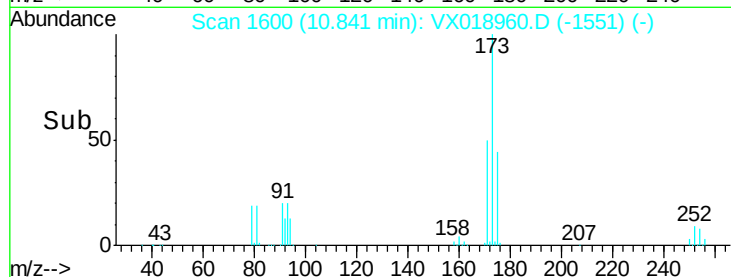
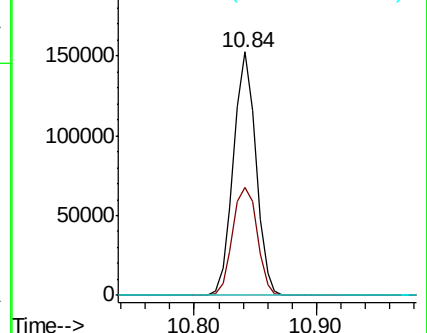
254 0.1 0.0 0.0#



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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

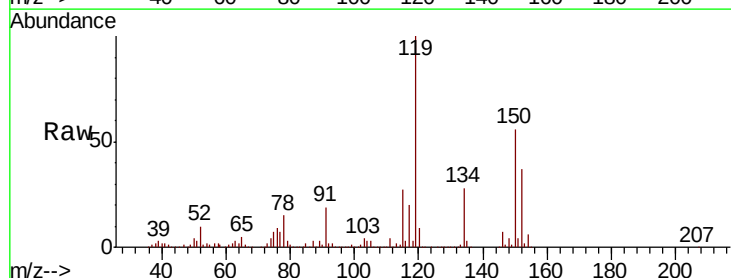
Tgt Ion:152 Resp: 94369

Ion Ratio Lower Upper

152 100

115 124.4 40.8 122.2#

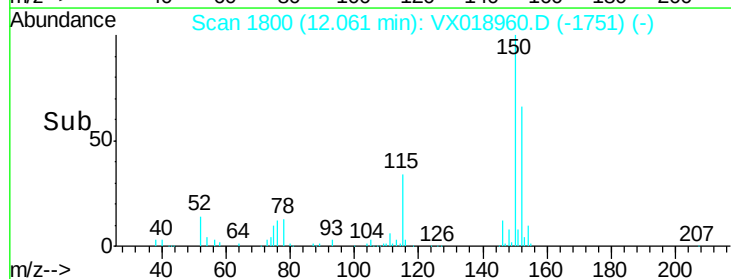
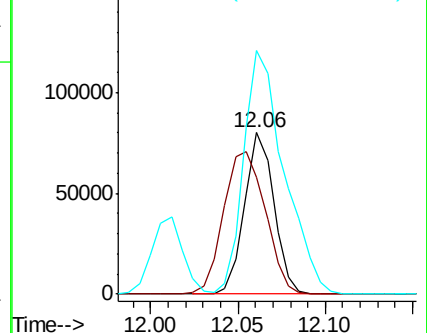
150 206.8 0.0 352.0



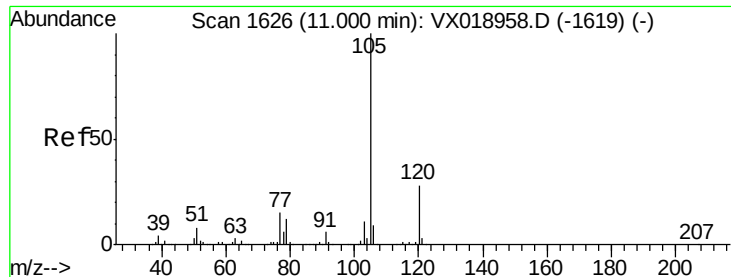
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



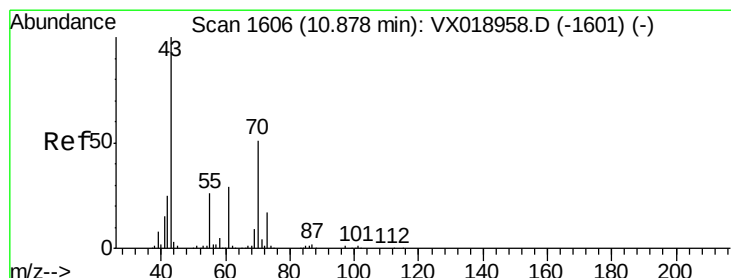
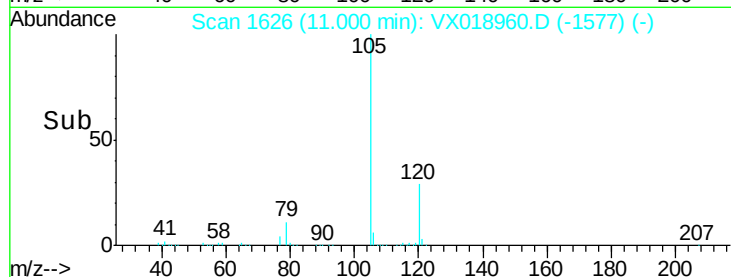
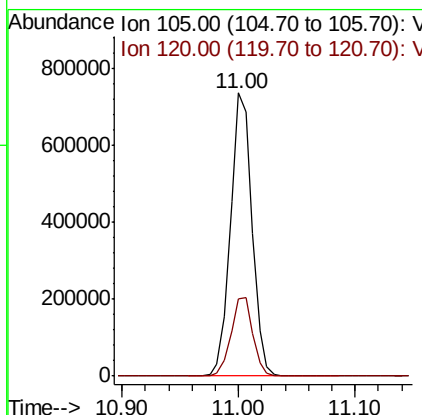
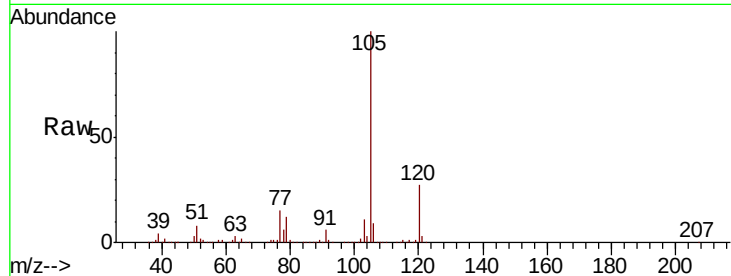




#73  
Isopropylbenzene  
Concen: 151.931 ug/l  
RT: 11.00 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

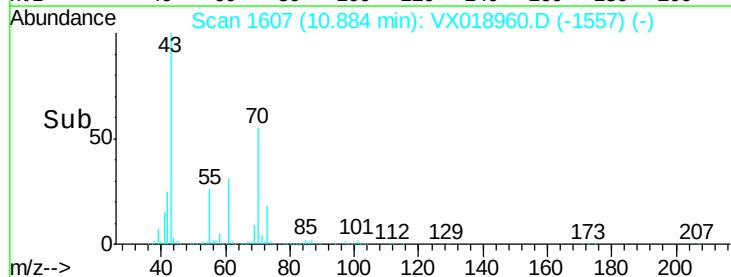
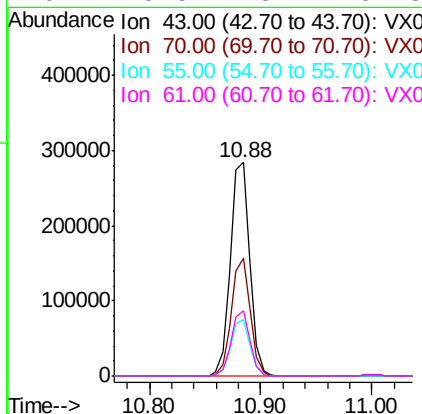
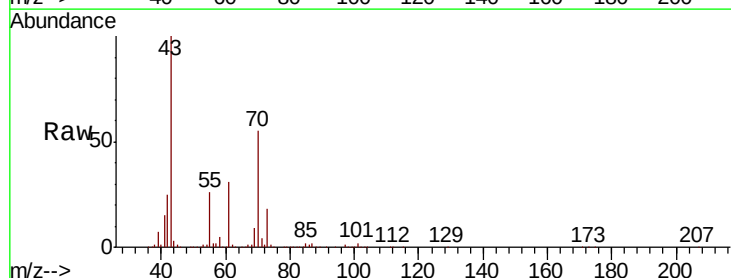
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

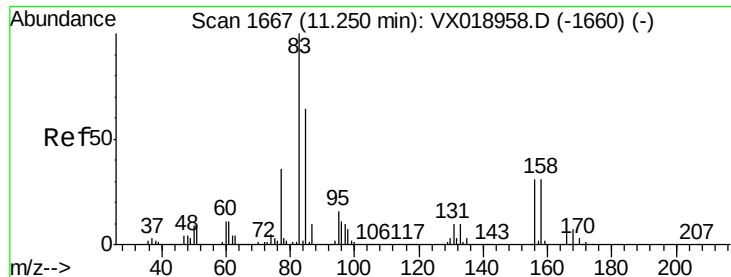
Tot Ion:105 Resp: 946214  
Ion Ratio Lower Upper  
105 100  
120 28.0 13.9 41.7



#74  
N-ethyl acetate  
Concen: 121.535 ug/l  
RT: 10.88 min Scan# 1607  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 43 Resp: 341419  
Ion Ratio Lower Upper  
43 100  
70 53.5 42.4 63.6  
55 26.0 21.0 31.6  
61 29.5 23.2 34.8





#75

1,1,2,2-Tetrachloroethane

Concen: 141.391 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

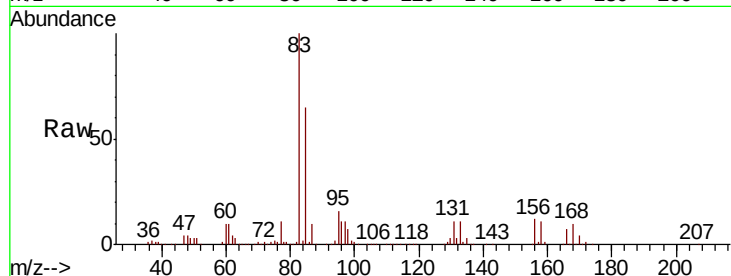
Tot Ion: 83 Resp: 309869

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.9

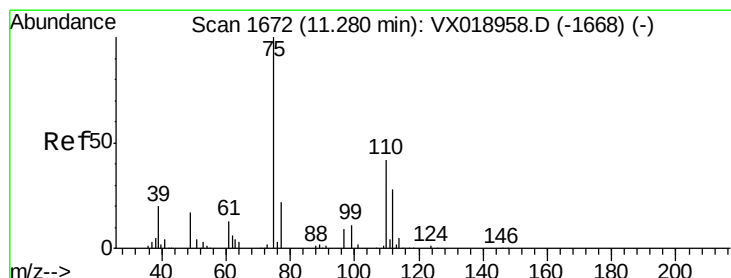
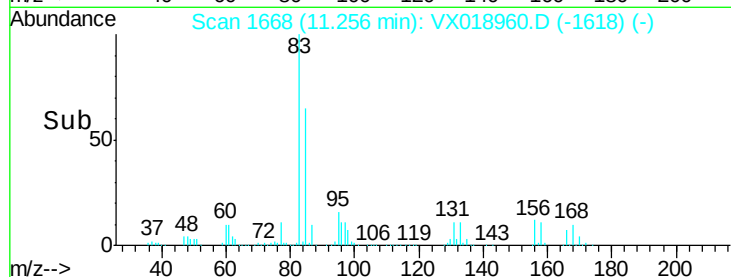
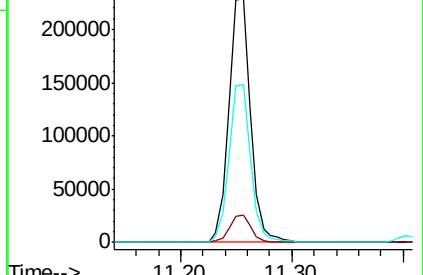
85 64.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 176.427 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018960.D

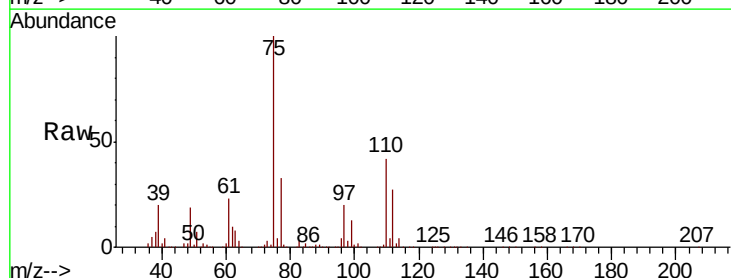
Acq: 19 Oct 2020 18:22

Tgt Ion: 75 Resp: 366001

Ion Ratio Lower Upper

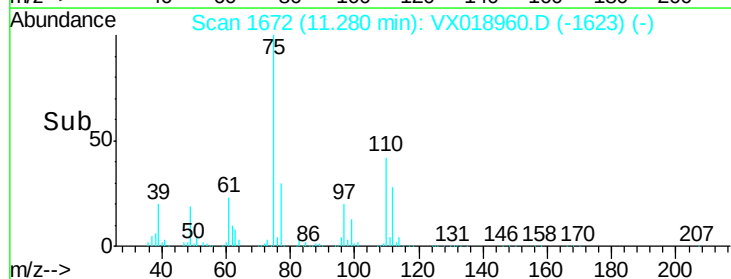
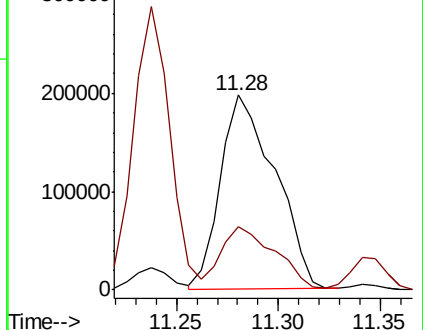
75 100

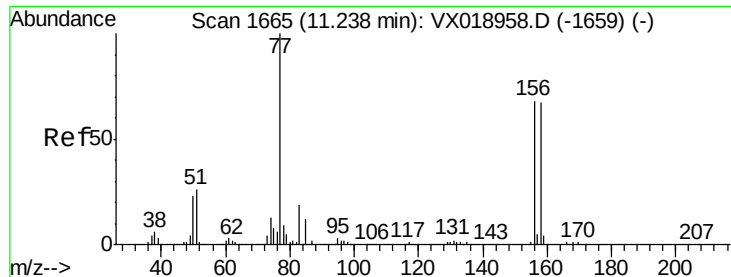
77 32.3 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 152.365 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

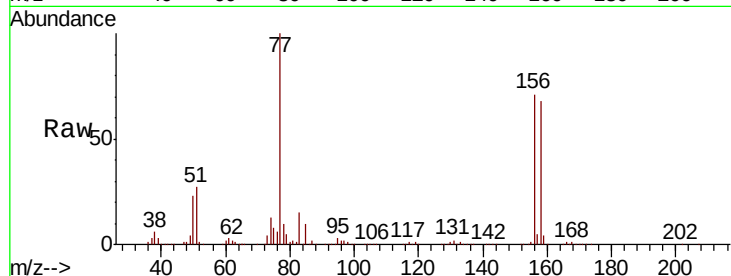
Tot Ion:156 Resp: 259827

Ion Ratio Lower Upper

156 100

77 138.3 77.4 232.2

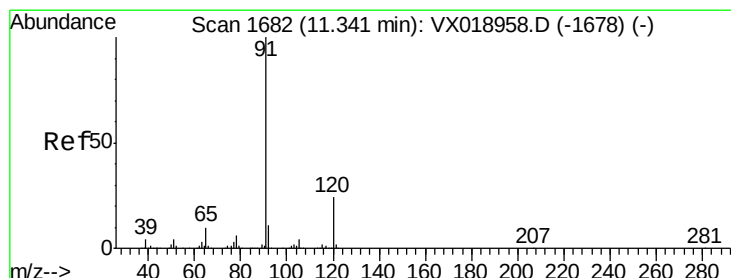
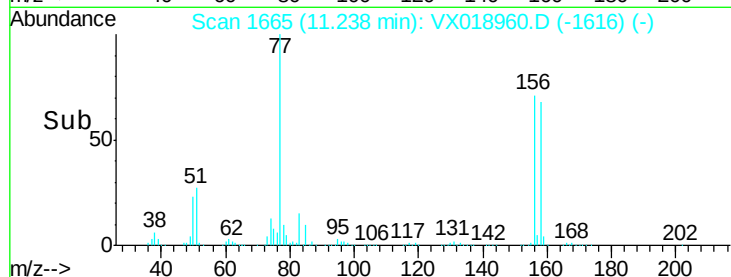
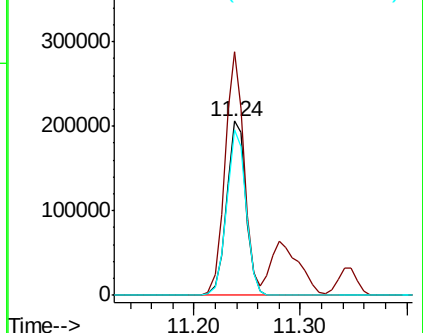
158 95.4 50.6 151.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 152.241 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018960.D

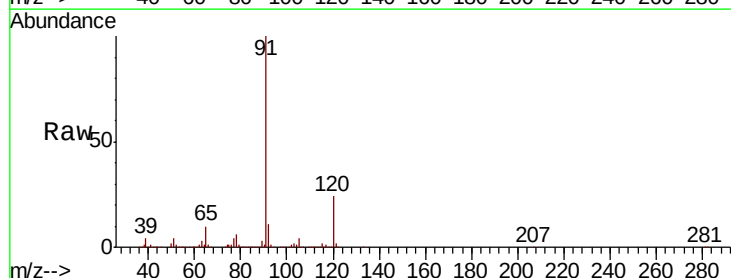
Acq: 19 Oct 2020 18:22

Tgt Ion: 91 Resp: 1078242

Ion Ratio Lower Upper

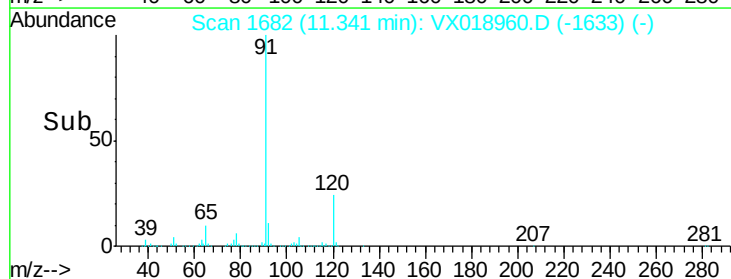
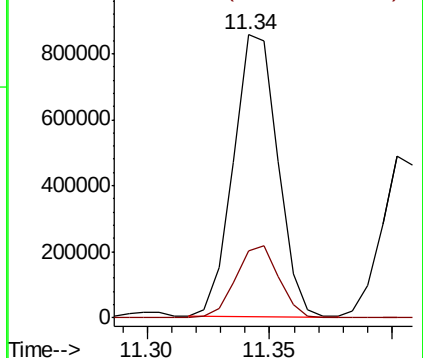
91 100

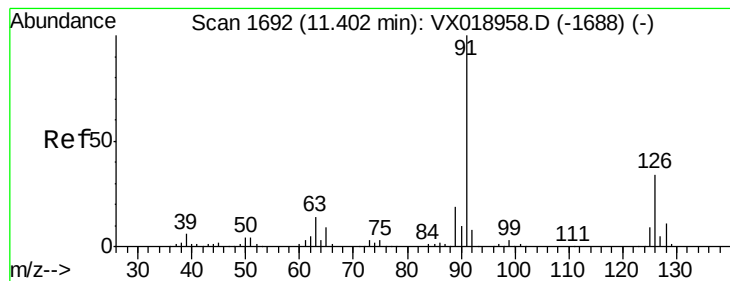
120 24.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 144.510 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

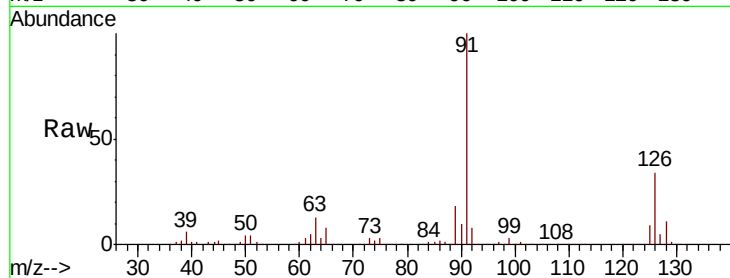
VSTDIC150

Tot Ion: 91 Resp: 627075

Ion Ratio Lower Upper

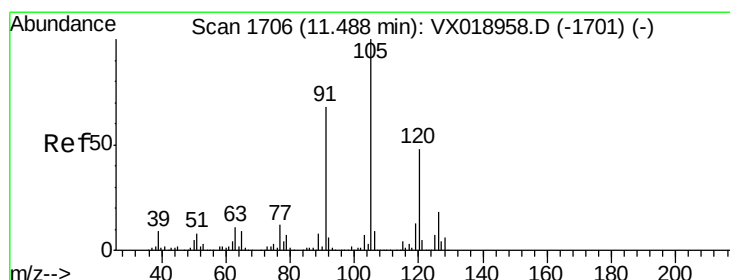
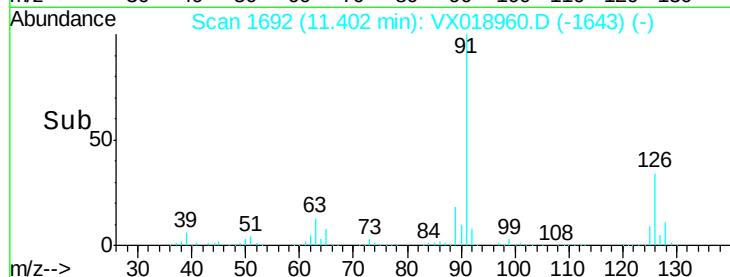
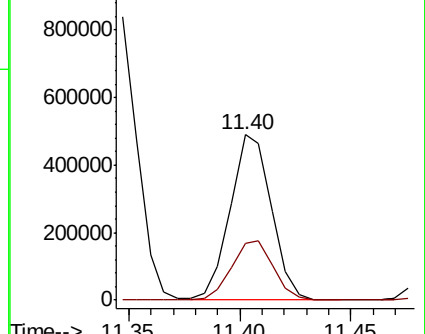
91 100

126 36.6 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX018960.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX018960.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 160.279 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018960.D

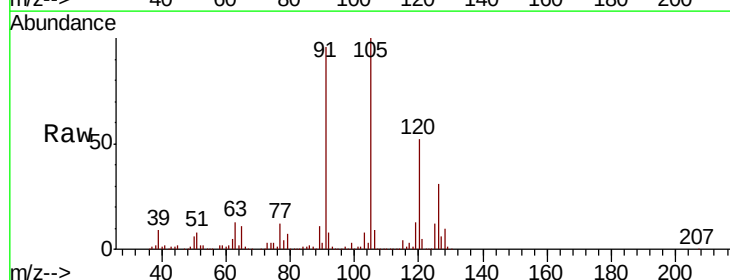
Acq: 19 Oct 2020 18:22

Tgt Ion: 105 Resp: 823443

Ion Ratio Lower Upper

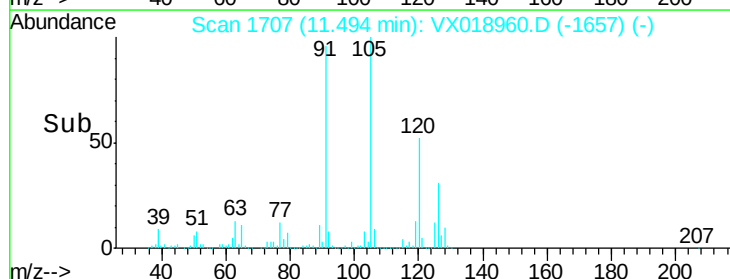
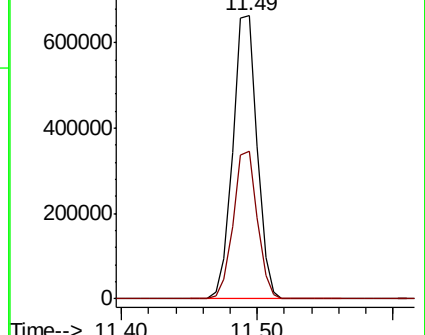
105 100

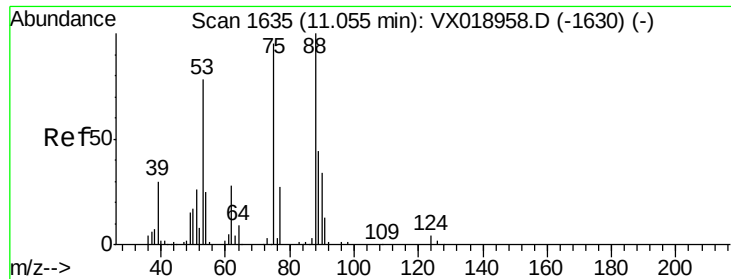
120 51.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX018960.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX018960.D (-1657) (-)

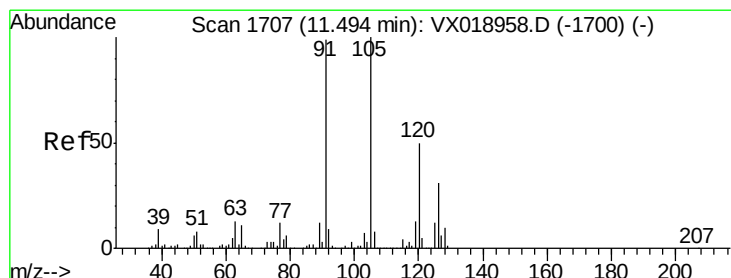
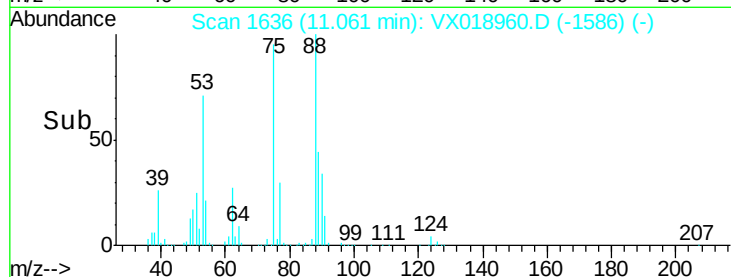
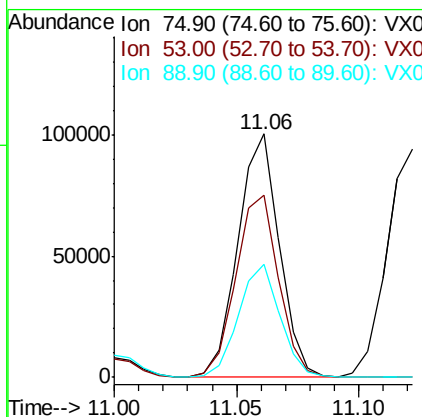
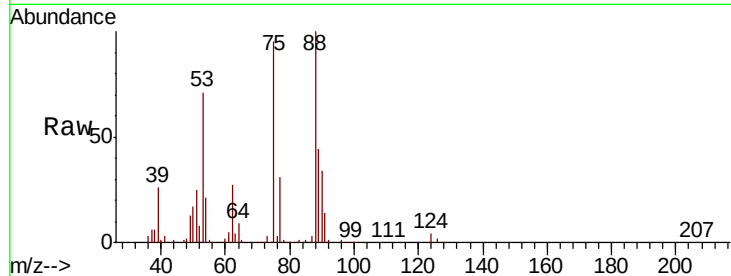




#81  
trans-1,4-Dichloro-2-butene  
Concen: 151.114 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

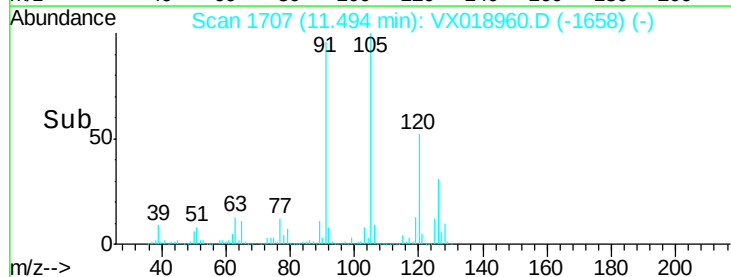
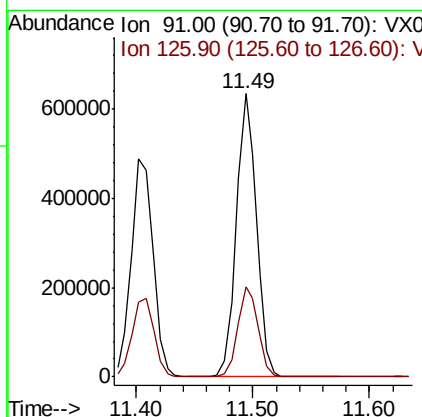
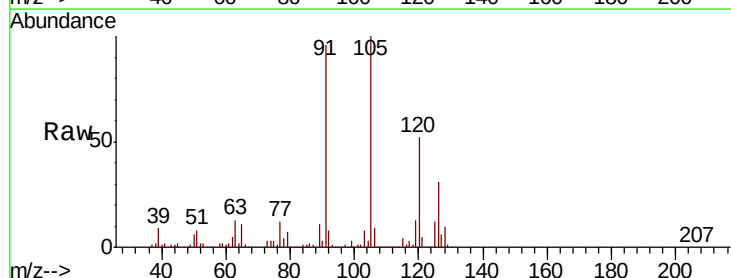
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

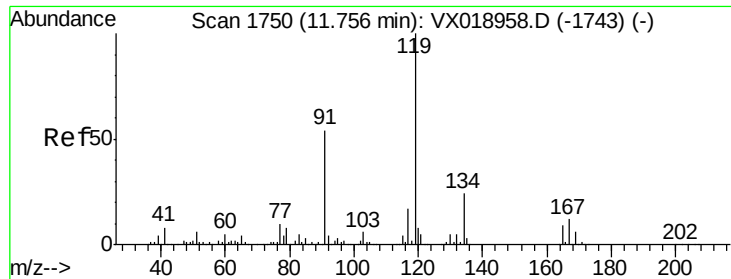
Tot Ion: 75 Resp: 117564  
Ion Ratio Lower Upper  
75 100  
53 78.0 64.2 96.2  
89 47.1 38.6 58.0



#82  
4-Chlorotoluene  
Concen: 147.951 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 91 Resp: 764497  
Ion Ratio Lower Upper  
91 100  
126 32.0 15.8 47.4

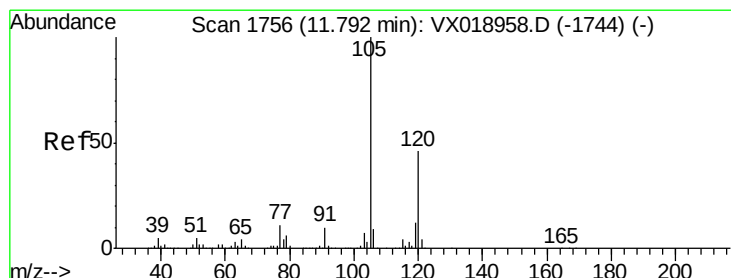
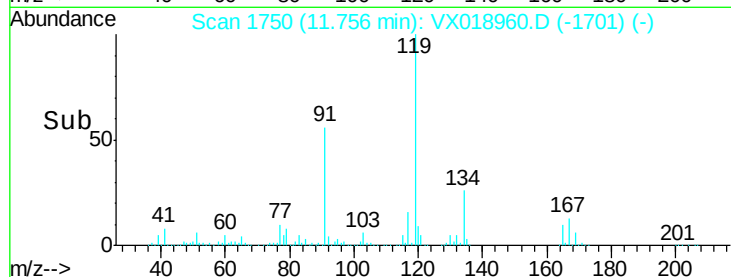
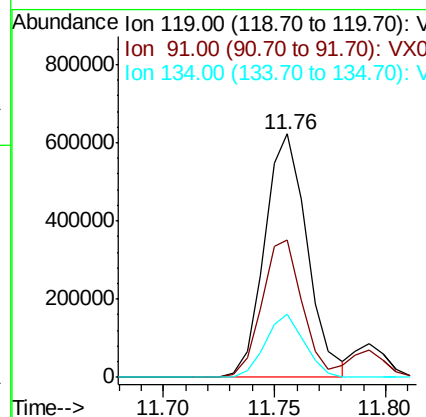
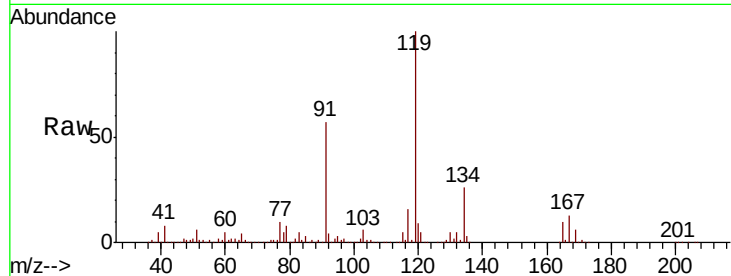




#83  
 tert-Butylbenzene  
 Concen: 162.077 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

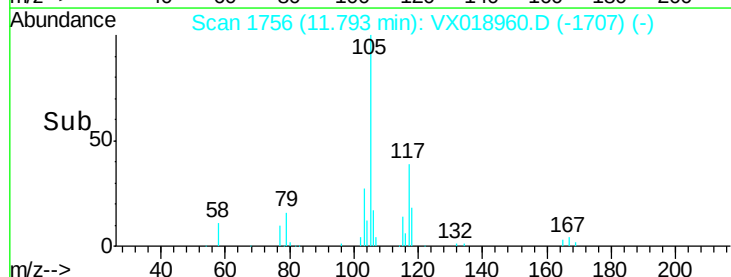
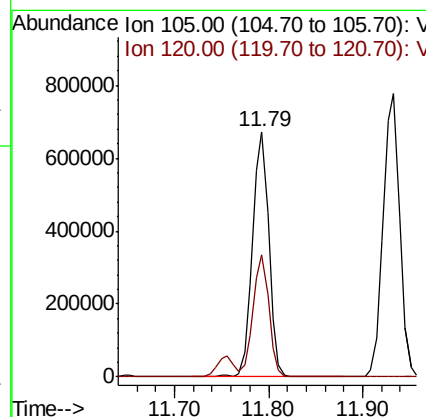
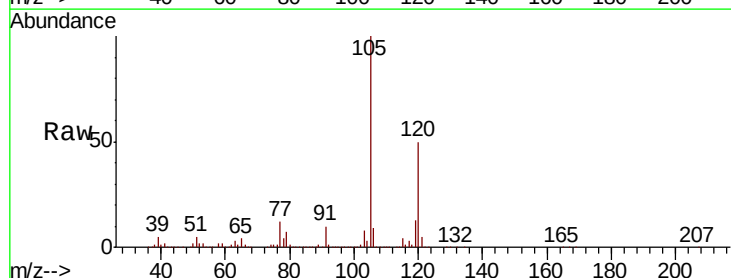
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

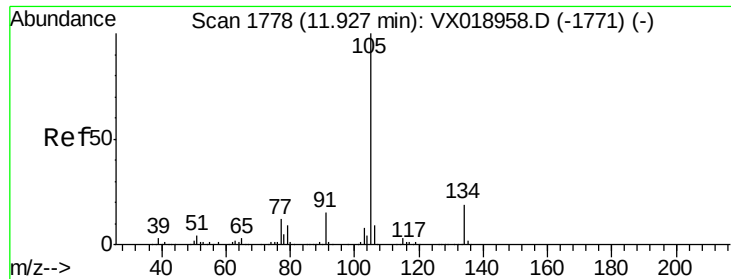
Tot Ion:119 Resp: 826816  
 Ion Ratio Lower Upper  
 119 100  
 91 53.4 27.2 81.6  
 134 23.8 11.8 35.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 155.943 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

Tgt Ion:105 Resp: 818419  
 Ion Ratio Lower Upper  
 105 100  
 120 48.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 162.515 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

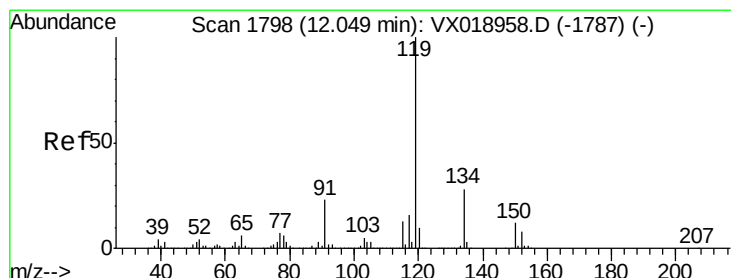
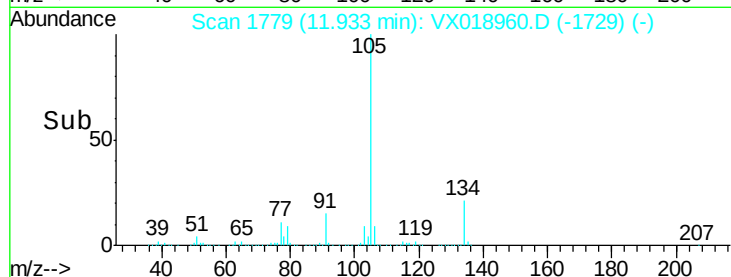
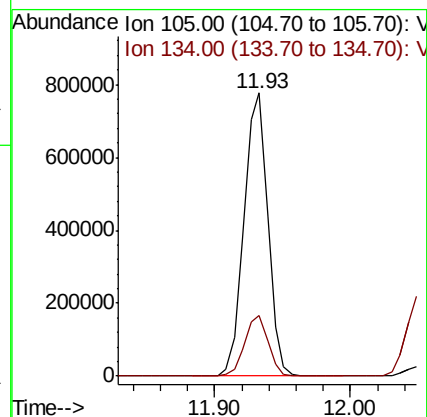
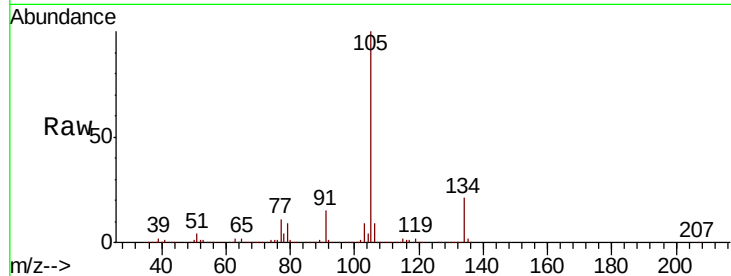
VSTDIC150

Tot Ion:105 Resp: 945357

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 167.965 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

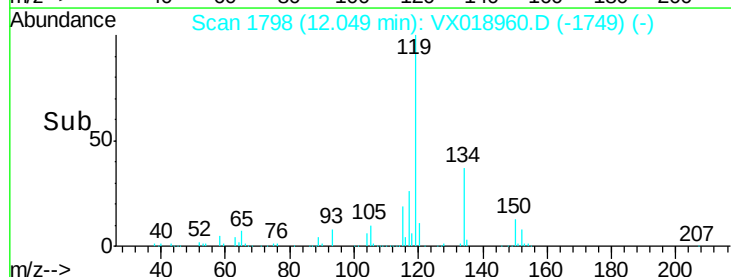
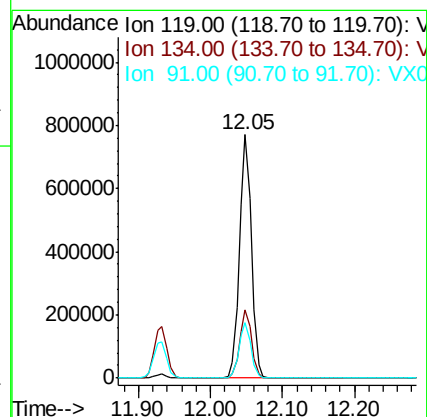
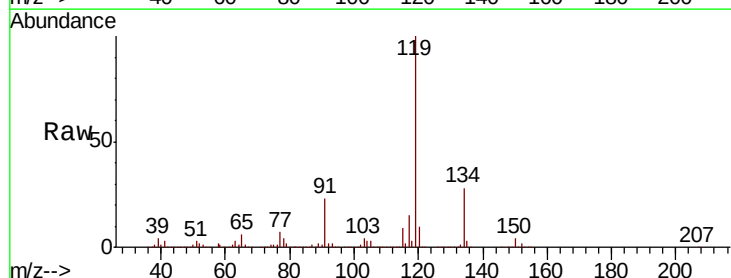
Tgt Ion:119 Resp: 893346

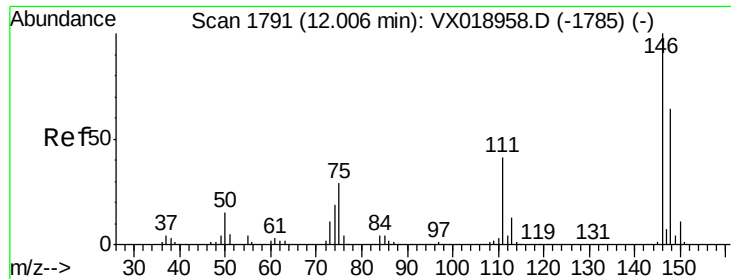
Ion Ratio Lower Upper

119 100

134 27.7 13.8 41.4

91 22.6 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 151.918 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

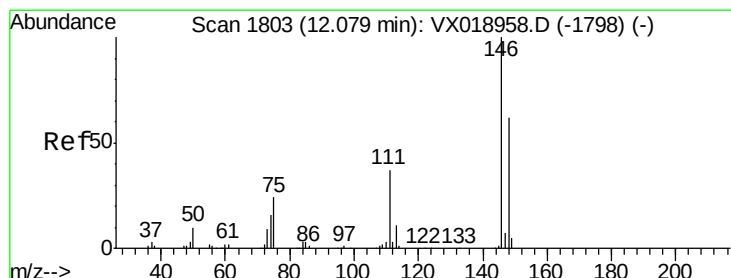
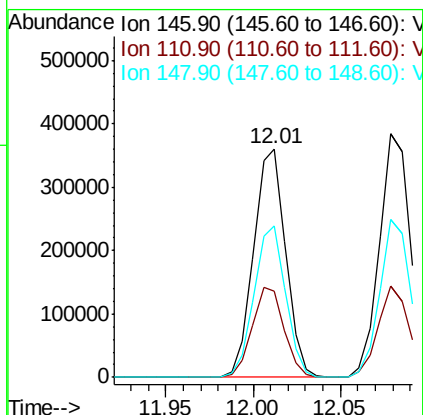
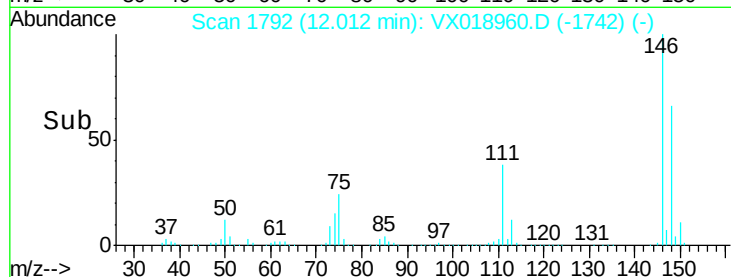
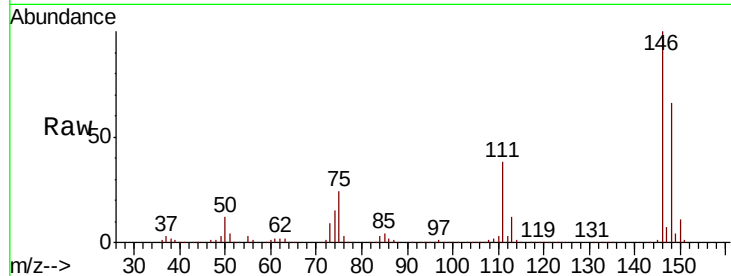
Tot Ion:146 Resp: 459801

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.4

148 65.2 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 156.001 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

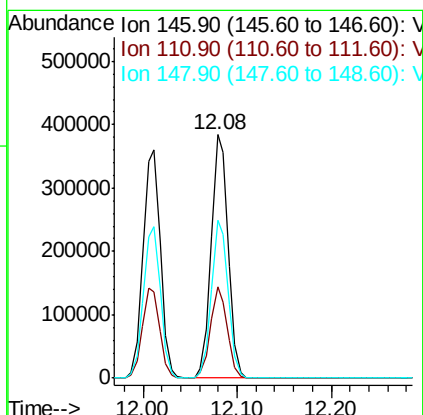
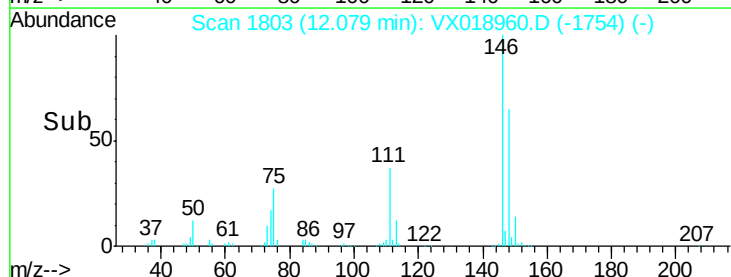
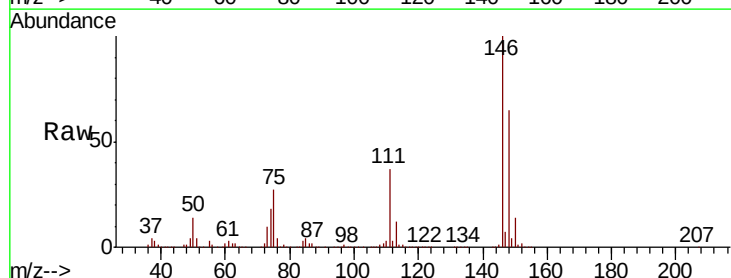
Tgt Ion:146 Resp: 475565

Ion Ratio Lower Upper

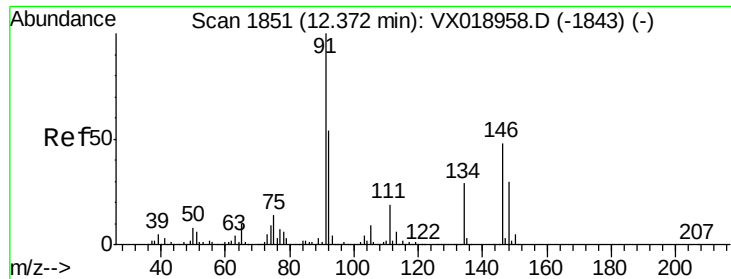
146 100

111 36.9 18.8 56.3

148 64.2 31.7 95.1



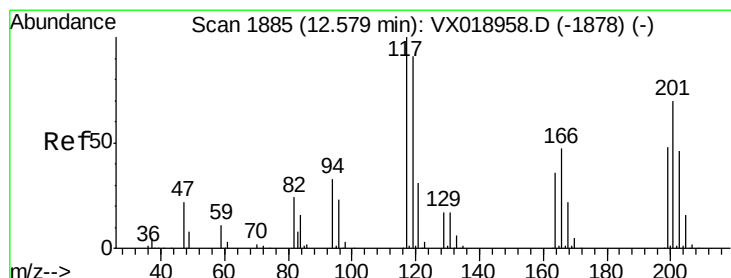
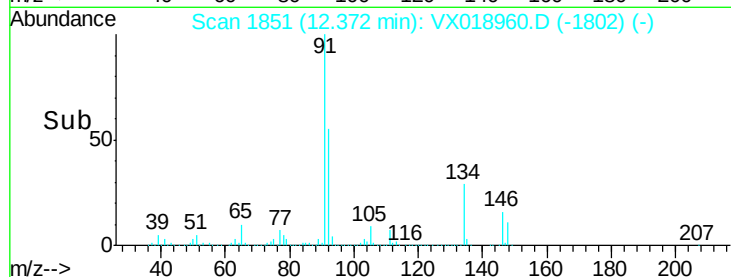
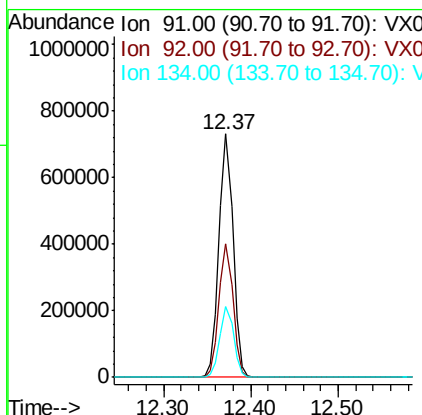
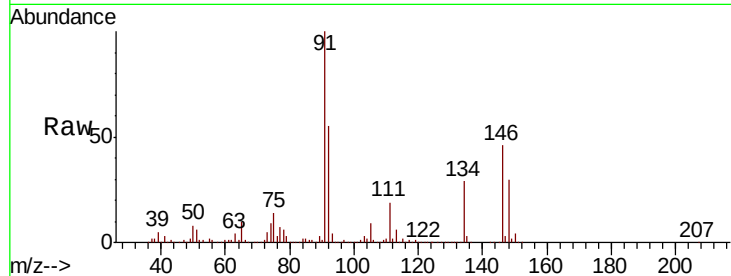




#89  
n-Butylbenzene  
Concen: 166.177 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

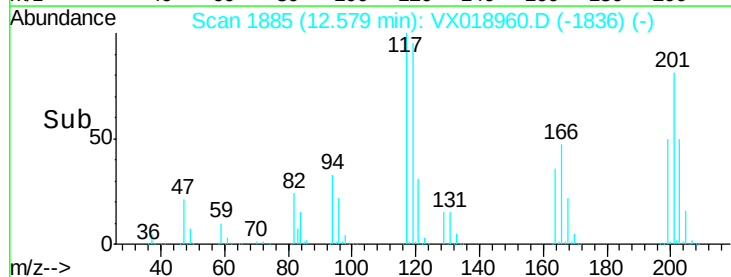
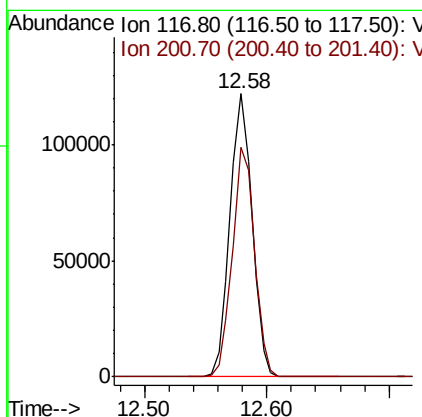
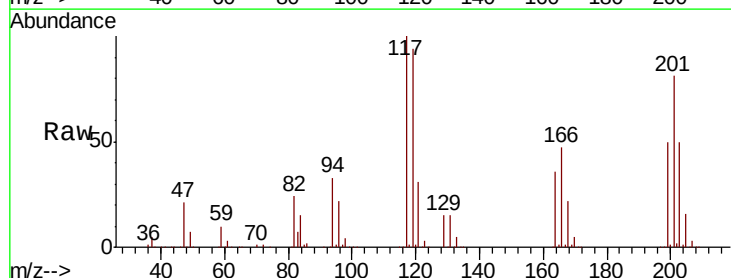
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

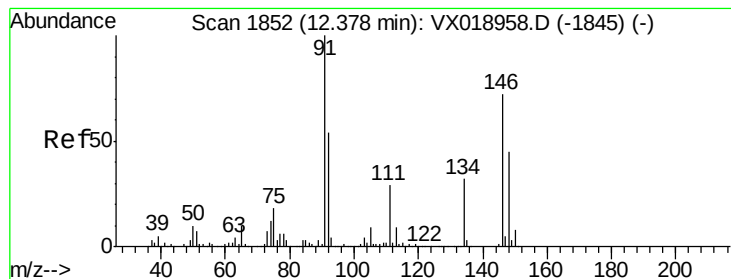
Tot Ion: 91 Resp: 810268  
Ion Ratio Lower Upper  
91 100  
92 55.0 27.2 81.5  
134 28.6 14.2 42.6



#90  
Hexachloroethane  
Concen: 149.555 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX018960.D  
Acq: 19 Oct 2020 18:22

Tgt Ion: 117 Resp: 152533  
Ion Ratio Lower Upper  
117 100  
201 80.6 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 158.399 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

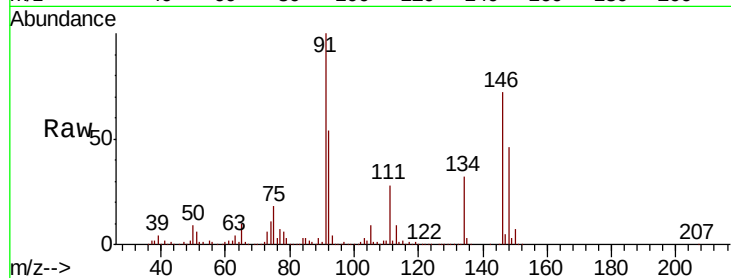
Tot Ion:146 Resp: 452825

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

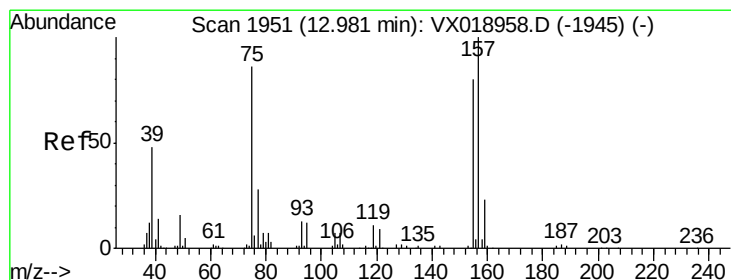
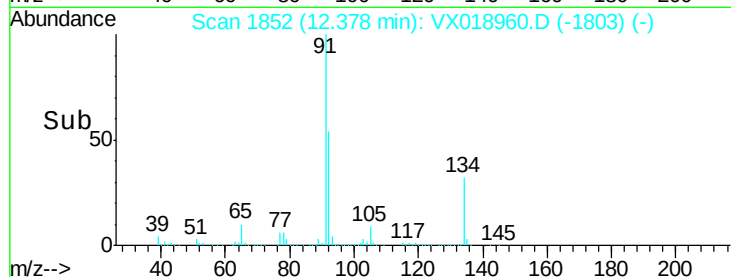
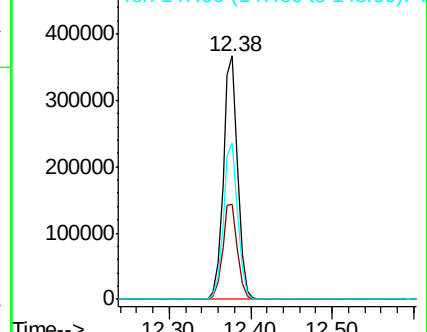
148 64.4 31.4 94.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 136.834 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

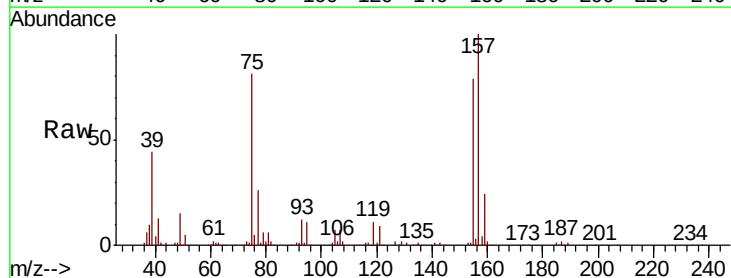
Tgt Ion: 75 Resp: 74161

Ion Ratio Lower Upper

75 100

155 100.6 48.2 144.6

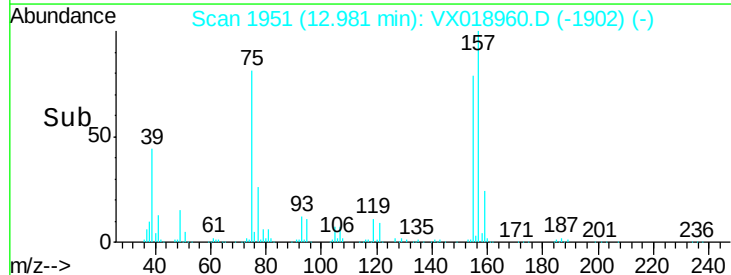
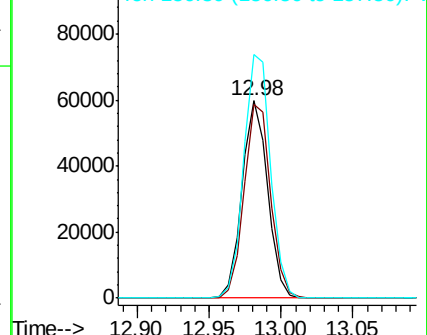
157 128.3 62.2 186.6

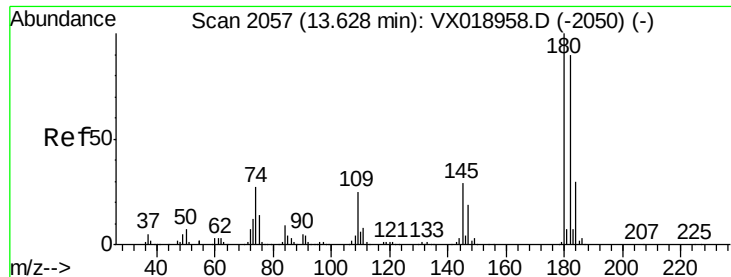


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

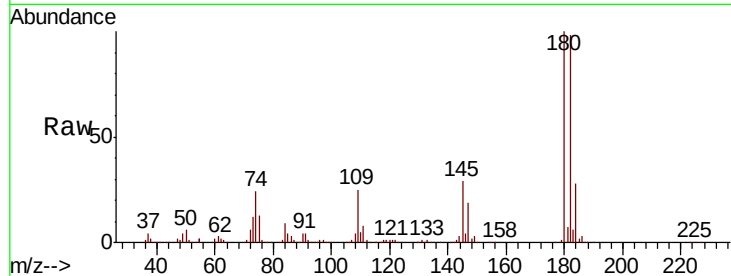




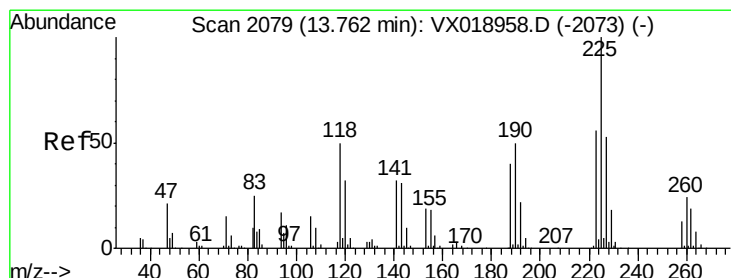
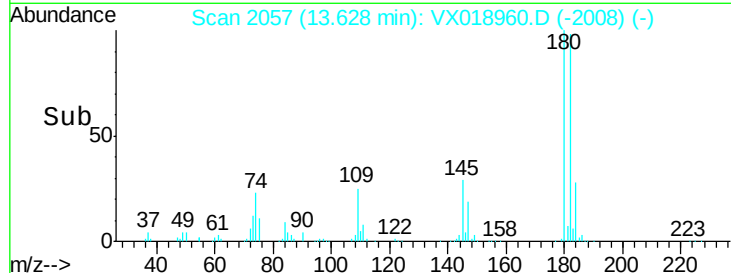
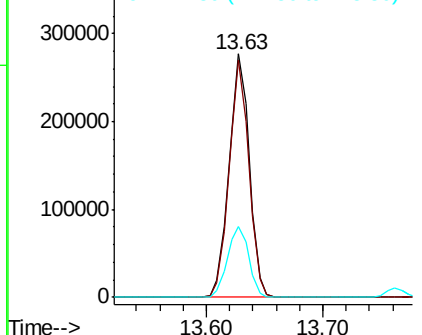
#93  
 1,2,4-Trichlorobenzene  
 Concen: 175.376 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 46.3  | 138.9 |
| 145     | 30.4  | 15.5  | 46.5  |

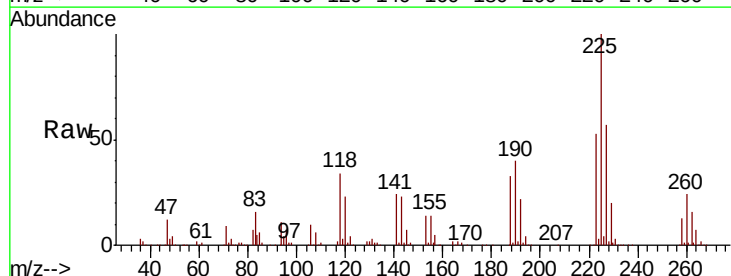


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

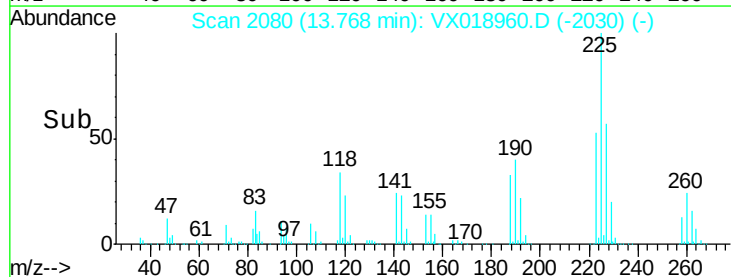
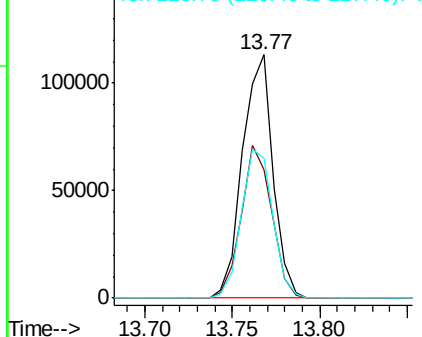


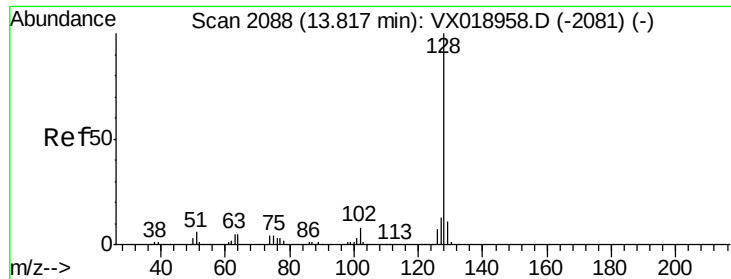
#94  
 Hexachlorobutadiene  
 Concen: 180.001 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.01 min  
 Lab File: VX018960.D  
 Acq: 19 Oct 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 31.4  | 94.0  |
| 227     | 63.0  | 30.9  | 92.8  |



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: 171.742 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

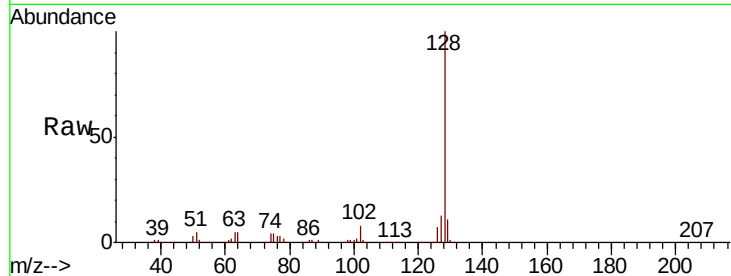
MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1084754

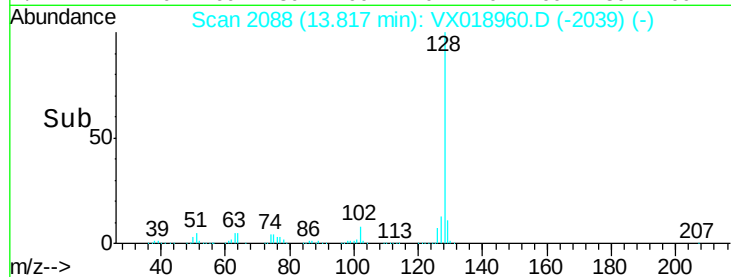
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.3  | 15.5  |
| 129 | 11.1  | 8.6   | 12.8  |



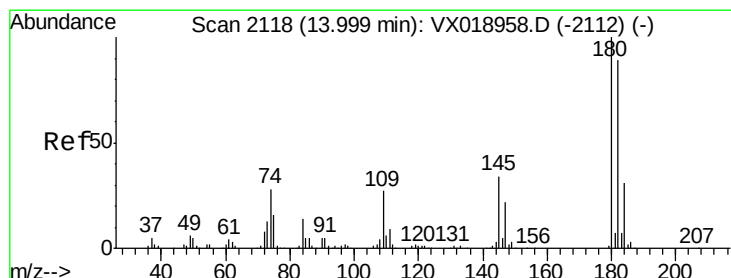
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.70 13.80 13.90



#96

1,2,3-Trichlorobenzene

Concen: 171.265 ug/l

RT: 14.00 min Scan# 2118

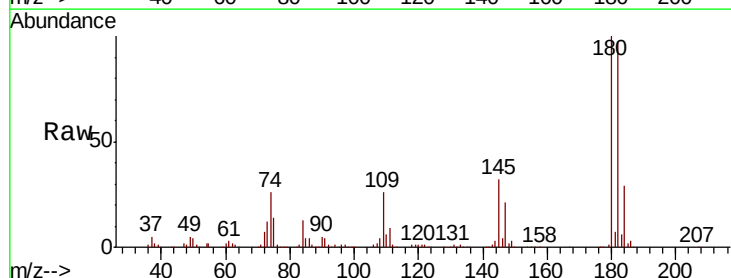
Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion:180 Resp: 323285

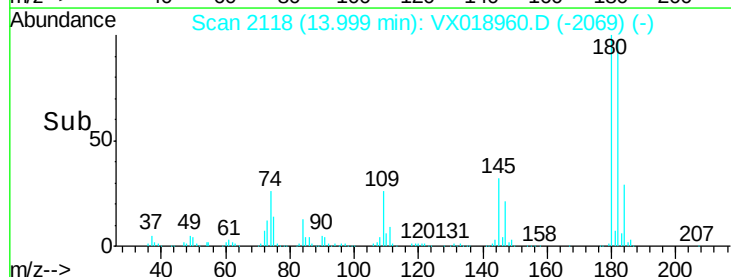
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.2  | 46.6  | 139.7 |
| 145 | 32.3  | 17.0  | 51.0  |



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



Time--> 13.90 14.00 14.10