

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\  
 Data File : VX018980.D  
 Acq On : 20 Oct 2020 17:19  
 Operator : JC/SP  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Quant Time: Oct 20 18:23:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102020W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 20 18:15:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 151460   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 272001   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 257929   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 129400   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 38006    | 18.89 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 37.78% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 31010    | 17.69 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 35.38% |          |
| 50) Toluene-d8              | 8.70  | 98   | 123162   | 17.92 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 35.84% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 46313    | 18.01 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 36.02% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 26327    | 20.138  | ug/l  | 97     |
| 3) Chloromethane              | 1.31 | 50   | 30846    | 21.314  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.39 | 62   | 41724    | 20.929  | ug/l  | 100    |
| 5) Bromomethane               | 1.63 | 94   | 42853    | 26.066  | ug/l  | 99     |
| 6) Chloroethane               | 1.71 | 64   | 30648    | 20.374  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 69222    | 20.374  | ug/l  | 100    |
| 8) Diethyl Ether              | 2.17 | 74   | 27673    | 20.642  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101  | 36197    | 19.920  | ug/l  | 97     |
| 10) Methyl Iodide             | 2.49 | 142  | 29054    | 17.042  | ug/l  | 97     |
| 11) Tert butyl alcohol        | 3.01 | 59   | 45051    | 103.030 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 40622    | 20.818  | ug/l  | 95     |
| 13) Acrolein                  | 2.27 | 56   | 22919    | 87.050  | ug/l  | 98     |
| 14) Allyl chloride            | 2.70 | 41   | 39899    | 19.288  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.11 | 53   | 80381    | 102.918 | ug/l  | 100    |
| 16) Acetone                   | 2.42 | 43   | 68840    | 83.840  | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.55 | 76   | 81476    | 19.231  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.75 | 43   | 37745    | 22.766  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 96618    | 19.360  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.83 | 84   | 34181    | 19.455  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 34201    | 19.167  | ug/l  | 99     |
| 22) Diisopropyl ether         | 3.82 | 45   | 80562    | 19.410  | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.78 | 43   | 381900   | 96.199  | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 58195    | 19.681  | ug/l  | 99     |
| 25) 2-Butanone                | 4.63 | 43   | 115239   | 102.607 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.54 | 77   | 53661    | 18.797  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 40414    | 19.441  | ug/l  | 99     |
| 28) Bromochloromethane        | 4.98 | 49   | 23303    | 18.624  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 5.09 | 42   | 66292    | 100.818 | ug/l  | 97     |
| 30) Chloroform                | 5.17 | 83   | 63581    | 19.321  | ug/l  | 99     |
| 31) Cyclohexane               | 5.55 | 56   | 46260    | 19.687  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 56531    | 19.124  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75   | 48387    | 18.877  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.79 | 43   | 43312    | 19.714  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117  | 48227    | 18.258  | ug/l  | 97     |

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 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Quant Time: Oct 20 18:23:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102020W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 20 18:15:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 53090    | 18.954  | ug/l   | 96       |
| 40) Benzene                    | 6.11  | 78   | 142246   | 19.083  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 23092    | 19.092  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 50749    | 19.711  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 74319    | 19.348  | ug/l   | 98       |
| 44) Trichloroethene            | 7.19  | 130  | 37500    | 17.907  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 34762    | 19.389  | ug/l   | 95       |
| 46) Dibromomethane             | 7.63  | 93   | 25558    | 19.151  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.87  | 83   | 51531    | 19.244  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.74  | 41   | 34978    | 19.787  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 18335    | 413.155 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 230385   | 102.508 | ug/l   | 98       |
| 52) Toluene                    | 8.76  | 92   | 94355    | 19.372  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 57216    | 18.887  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 60494    | 18.932  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 37476    | 19.204  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 56489    | 19.294  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 62454    | 19.407  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 151019   | 101.829 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 178488   | 102.593 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.56  | 129  | 39527    | 18.051  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 39939    | 19.100  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 33191    | 15.872  | ug/l   | 94       |
| 65) Chlorobenzene              | 10.12 | 112  | 101232   | 18.525  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 35710    | 18.037  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.23 | 91   | 181308   | 18.941  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 138945   | 37.178  | ug/l   | 96       |
| 69) o-Xylene                   | 10.68 | 106  | 66489    | 18.803  | ug/l   | 97       |
| 70) Styrene                    | 10.70 | 104  | 113907   | 18.867  | ug/l   | 98       |
| 71) Bromoform                  | 10.84 | 173  | 27780    | 17.319  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 181013   | 19.956  | ug/l   | 98       |
| 74) N-amyl acetate             | 10.88 | 43   | 59672    | 19.087  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 62437    | 21.497  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 70316    | 26.755  | ug/l   | 86       |
| 77) Bromobenzene               | 11.24 | 156  | 42147    | 18.692  | ug/l   | 93       |
| 78) n-propylbenzene            | 11.34 | 91   | 207185   | 19.846  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 121379   | 19.877  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 153235   | 19.904  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 19687    | 18.625  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 148877   | 20.351  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 148832   | 19.753  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 157031   | 20.300  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 179755   | 19.891  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 163984   | 19.664  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 80686    | 19.253  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 83626    | 19.354  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.37 | 91   | 156102   | 20.509  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.58 | 117  | 25208    | 18.902  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.37 | 146  | 78626    | 19.407  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 15668    | 23.468  | ug/l   | 83       |

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Acq On : 20 Oct 2020 17:19  
Operator : JC/SP  
Sample : VSTDICC020  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

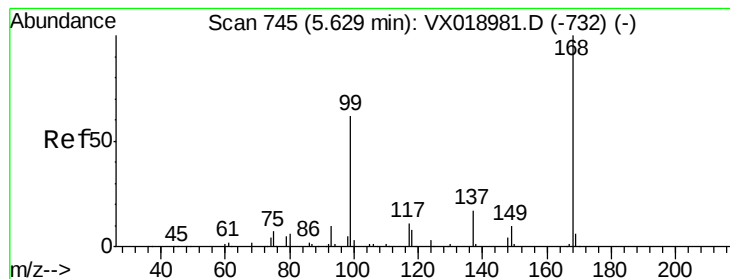
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Quant Time: Oct 20 18:23:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102020W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 20 18:15:56 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 53867    | 19.396 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 21037    | 17.783 | ug/l  | 94       |
| 95) Naphthalene            | 13.82 | 128  | 192196   | 20.789 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 51406    | 19.364 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

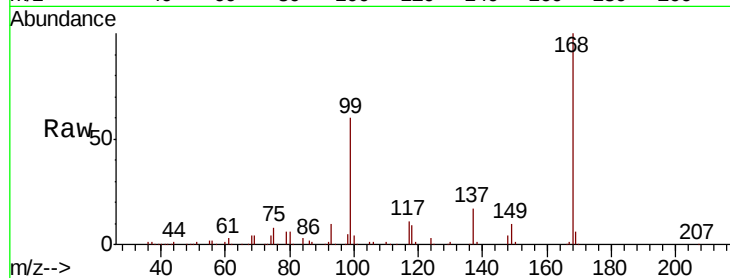
VSTDIC020

Tot Ion:168 Resp: 151460

Ion Ratio Lower Upper

168 100

99 59.8 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

30000

20000

10000

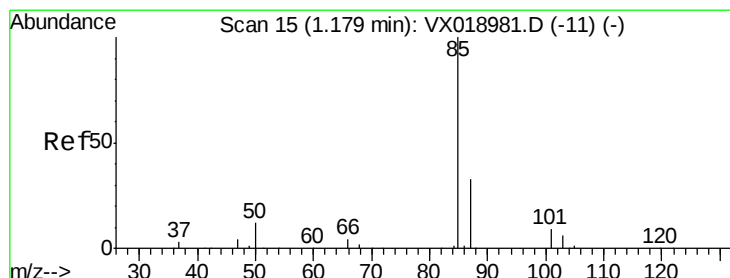
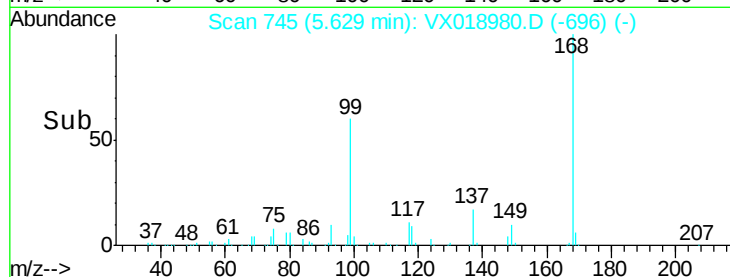
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Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 20.138 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX018980.D

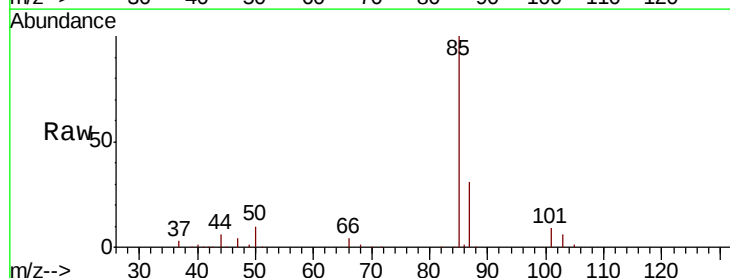
Acq: 20 Oct 2020 17:19

Tgt Ion: 85 Resp: 26327

Ion Ratio Lower Upper

85 100

87 30.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

30000

20000

10000

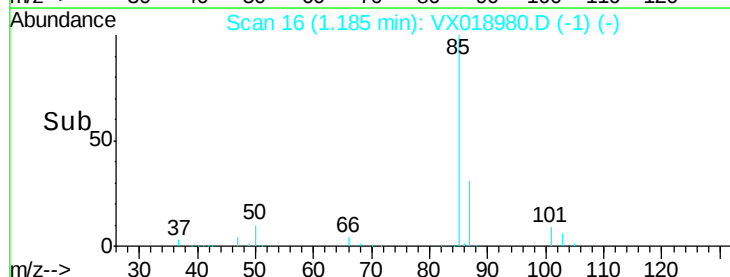
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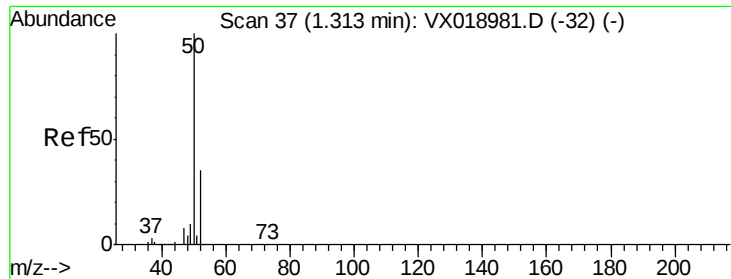
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 21.314 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

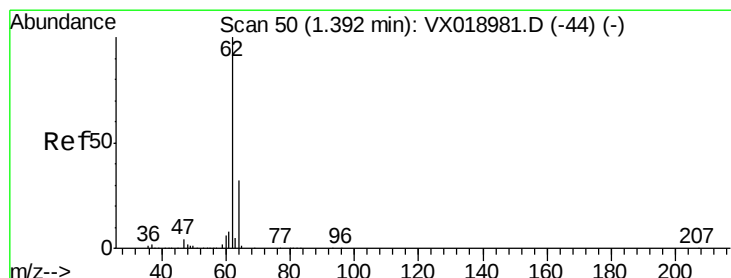
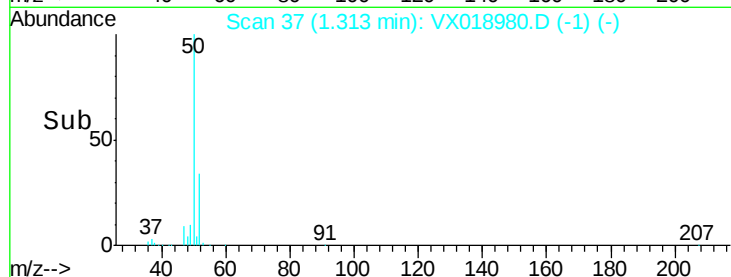
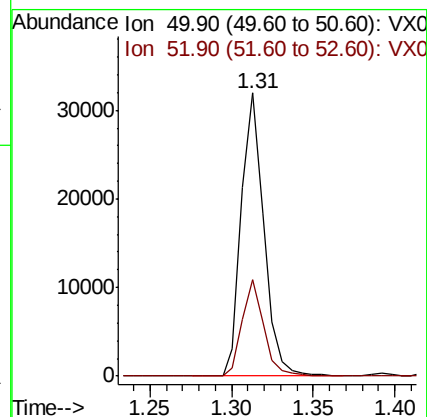
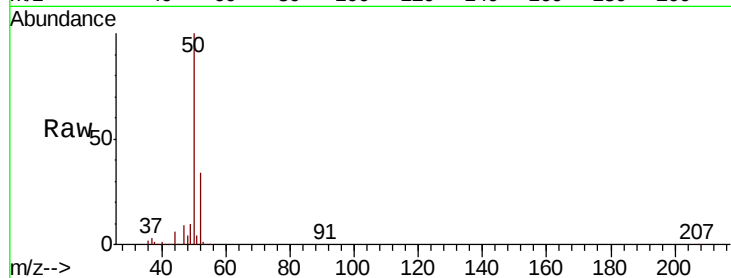
VSTDIC020

Tot Ion: 50 Resp: 30846

Ion Ratio Lower Upper

50 100

52 34.2 27.7 41.5



#4

Vinyl Chloride

Concen: 20.929 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018980.D

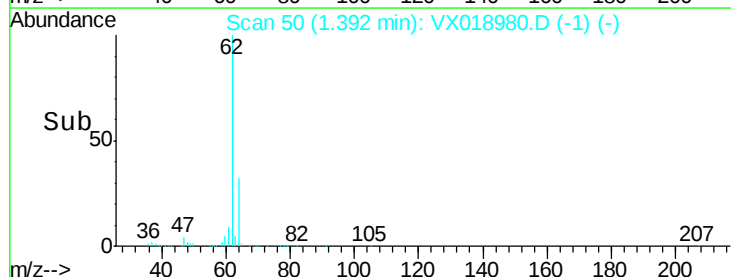
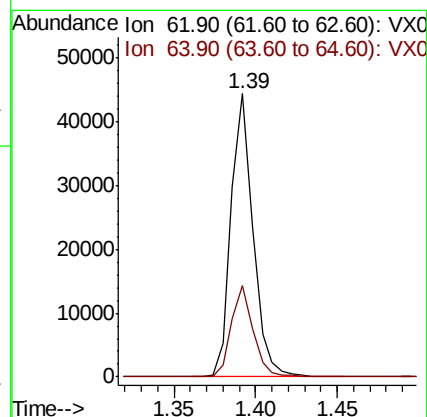
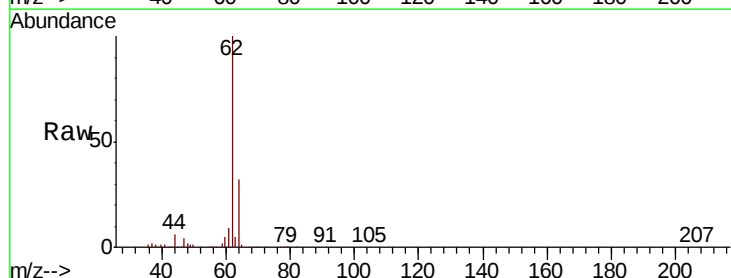
Acq: 20 Oct 2020 17:19

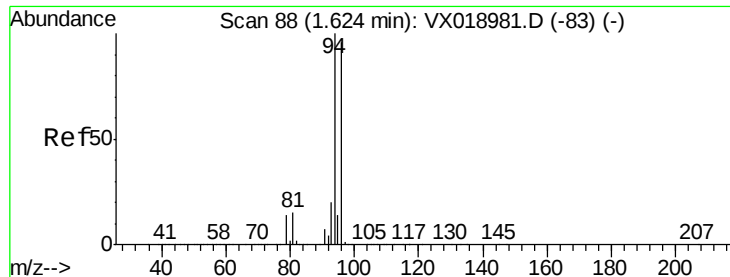
Tgt Ion: 62 Resp: 41724

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 26.066 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

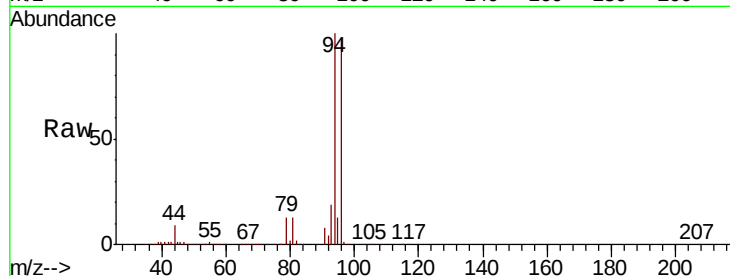
VSTDIC020

Tot Ion: 94 Resp: 42853

Ion Ratio Lower Upper

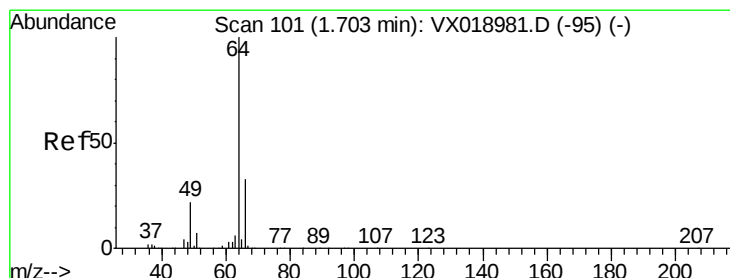
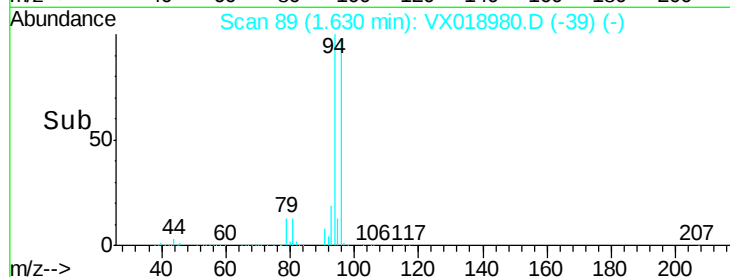
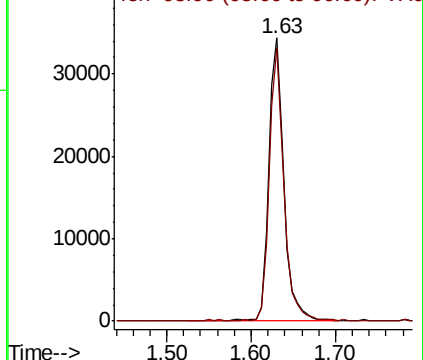
94 100

96 96.7 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.374 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX018980.D

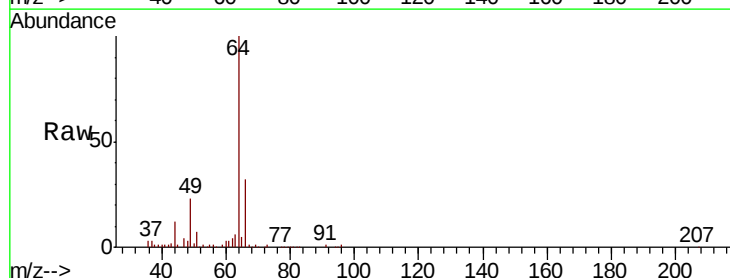
Acq: 20 Oct 2020 17:19

Tgt Ion: 64 Resp: 30648

Ion Ratio Lower Upper

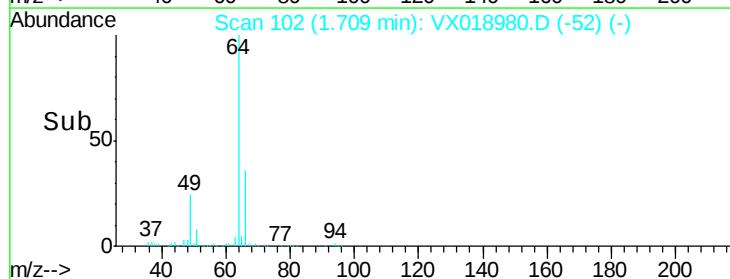
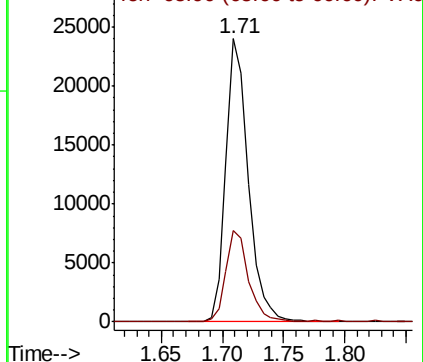
64 100

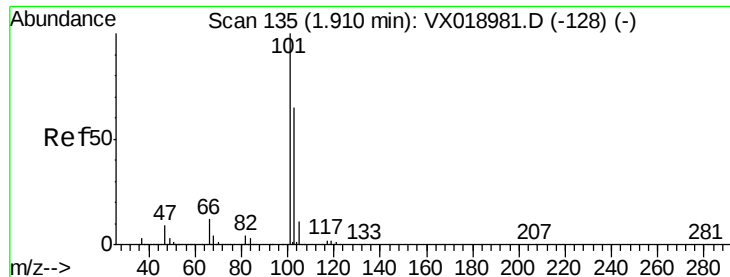
66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



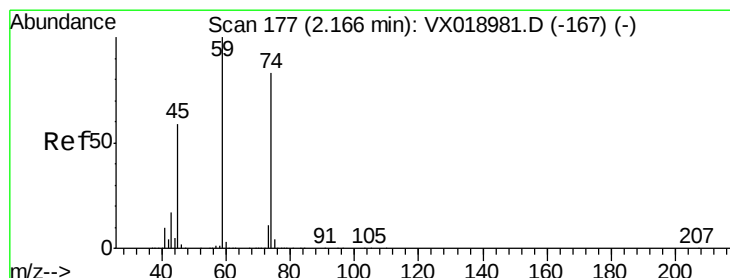
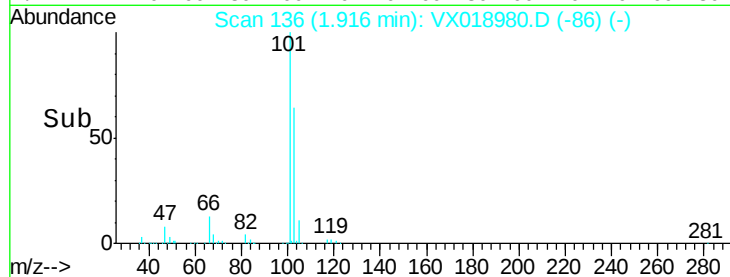
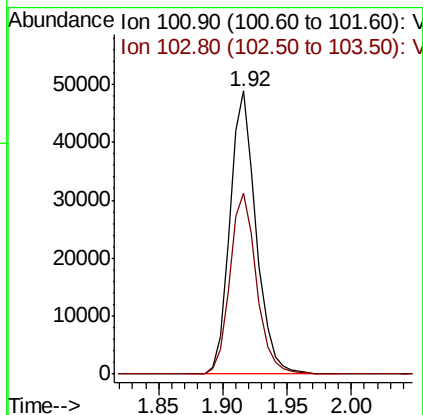
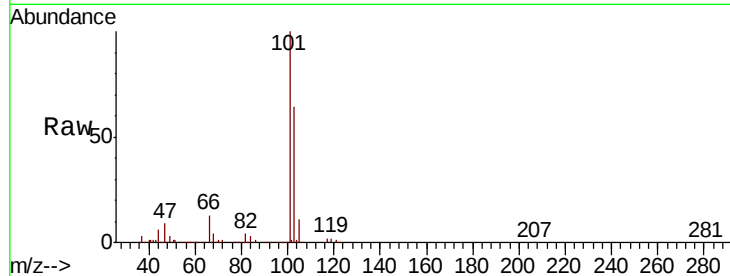


#7

Trichlorofluoromethane  
Concen: 20.374 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

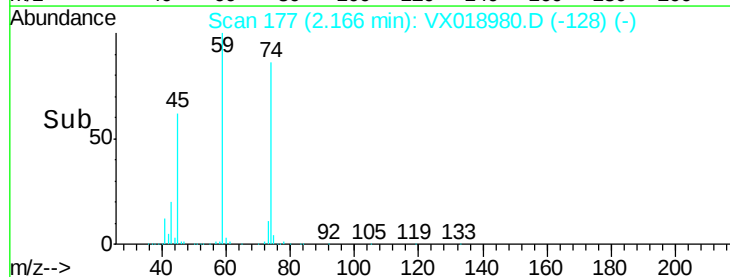
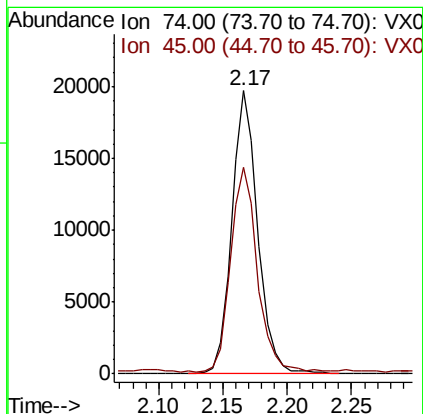
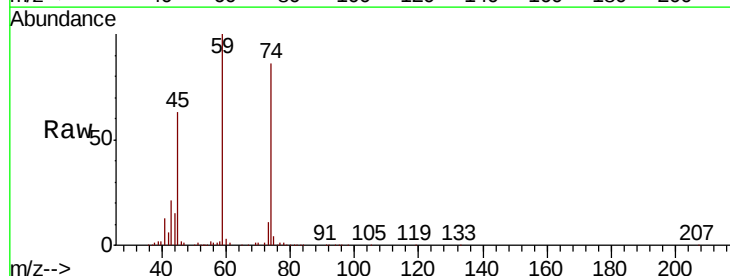
Tot Ion:101 Resp: 69222  
Ion Ratio Lower Upper  
101 100  
103 64.1 51.6 77.4

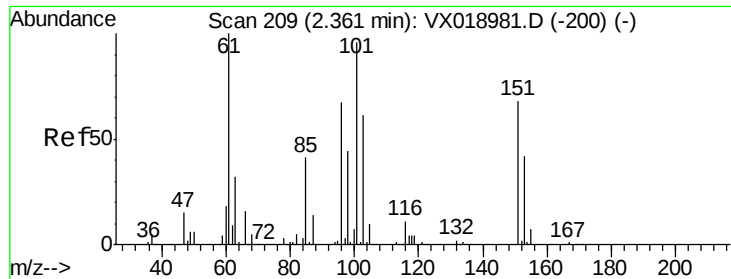


#8

Diethyl Ether  
Concen: 20.642 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion: 74 Resp: 27673  
Ion Ratio Lower Upper  
74 100  
45 74.5 36.0 108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.920 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

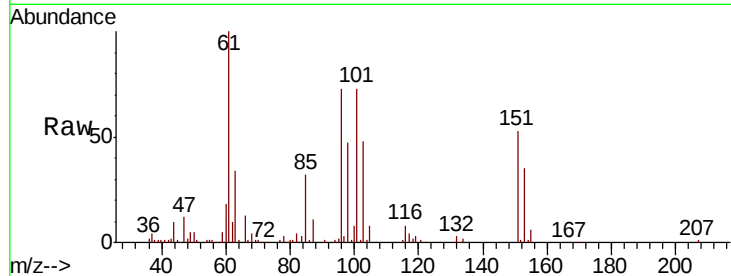
Tot Ion:101 Resp: 36197

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

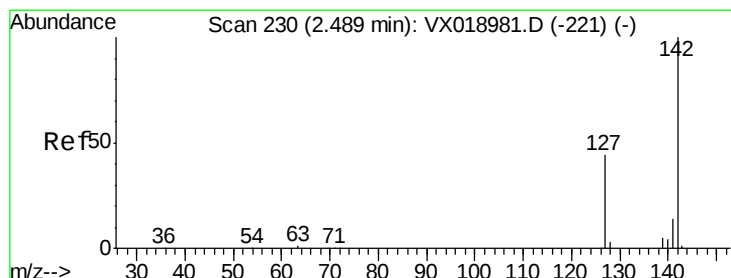
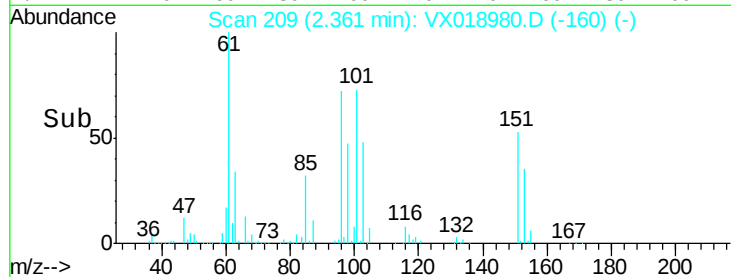
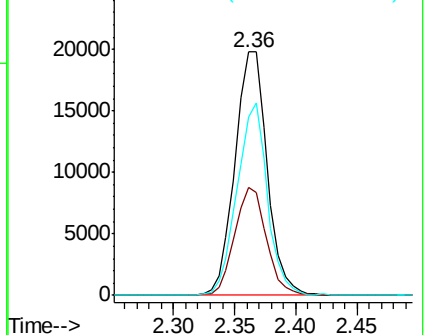
151 74.4 56.1 84.1



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: 17.042 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

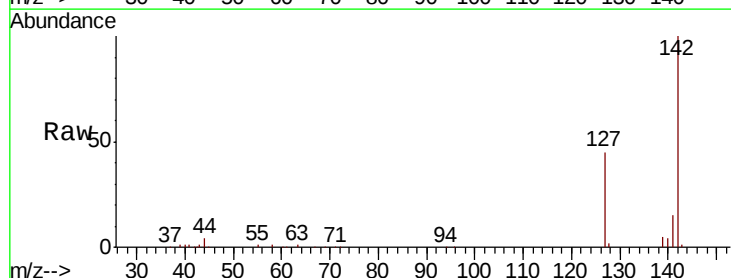
Tgt Ion:142 Resp: 29054

Ion Ratio Lower Upper

142 100

127 45.2 34.2 51.2

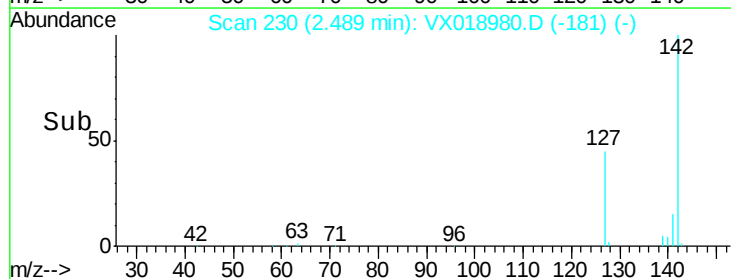
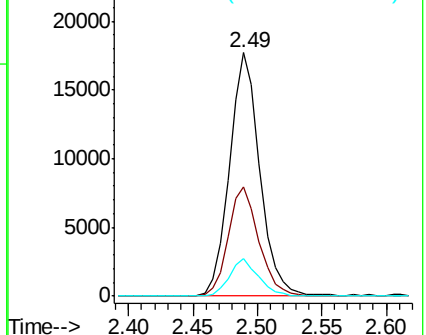
141 14.7 11.3 16.9

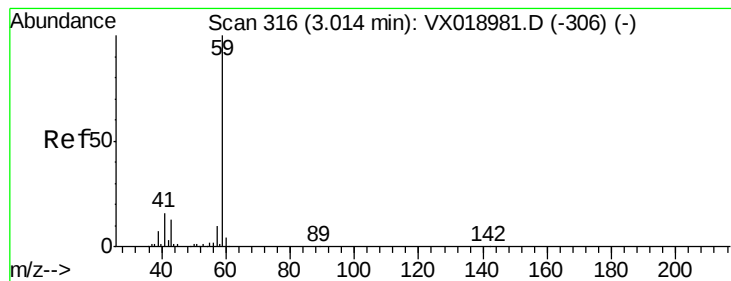


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



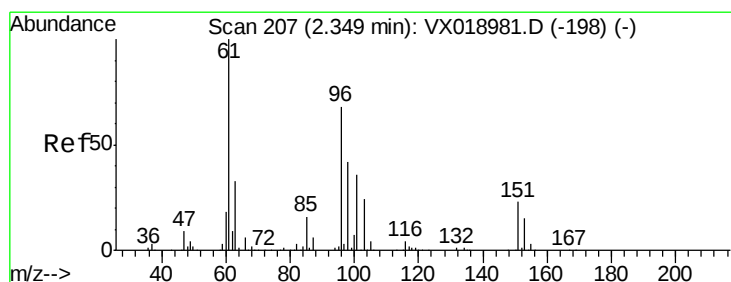
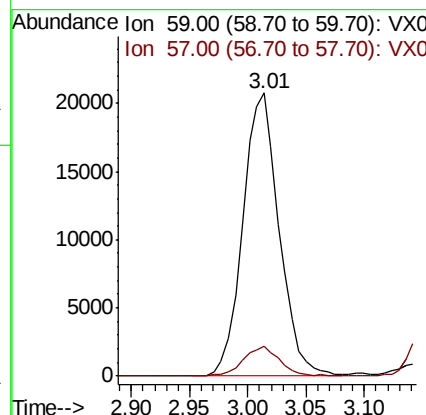
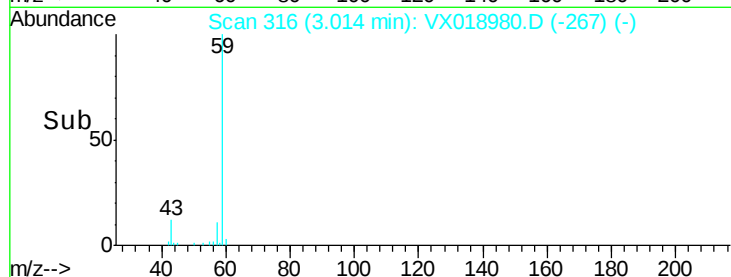
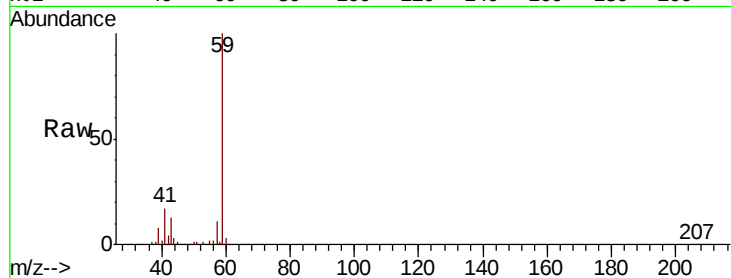


#11

Tert butyl alcohol  
Concen: 103.030 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

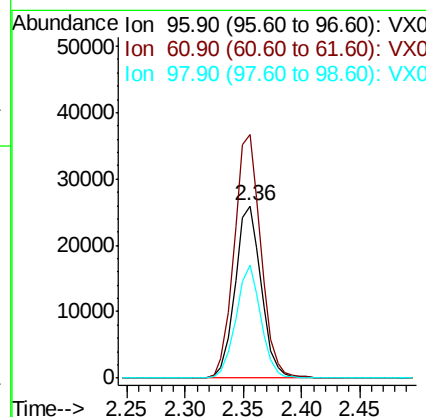
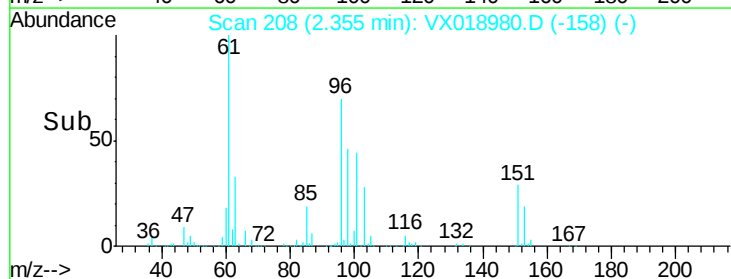
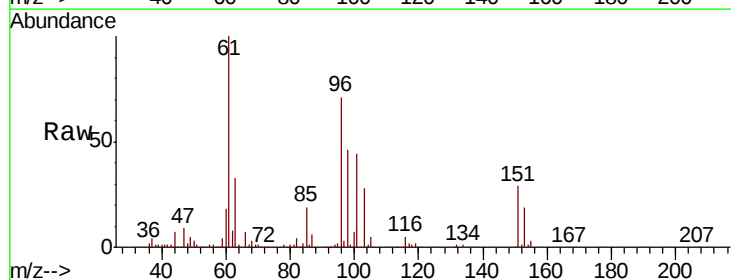
Tot Ion: 59 Resp: 45051  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.3 12.5

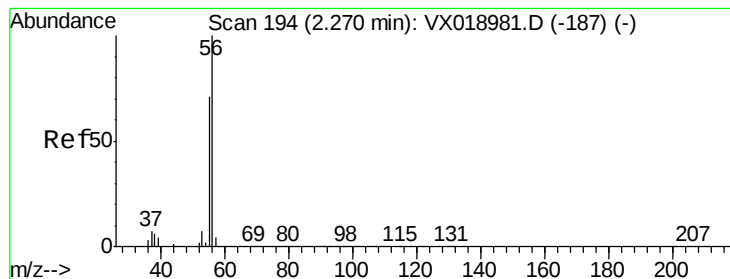


#12

1,1-Dichloroethene  
Concen: 20.818 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.01 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion: 96 Resp: 40622  
Ion Ratio Lower Upper  
96 100  
61 141.6 117.4 176.0  
98 65.7 48.9 73.3





#13

Acrolein

Concen: 87.050 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

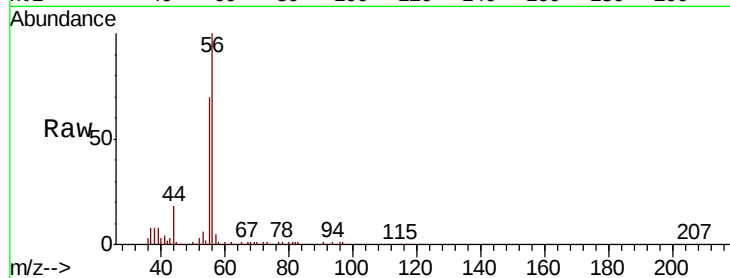
VSTDIC020

Tot Ion: 56 Resp: 22919

Ion Ratio Lower Upper

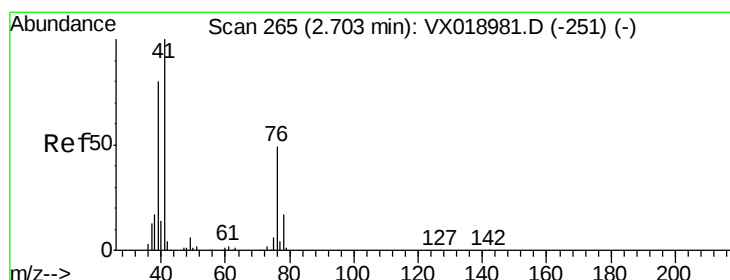
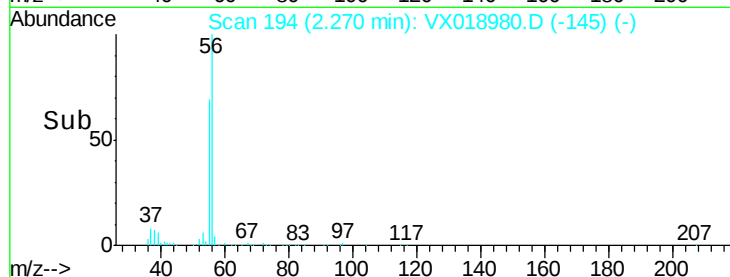
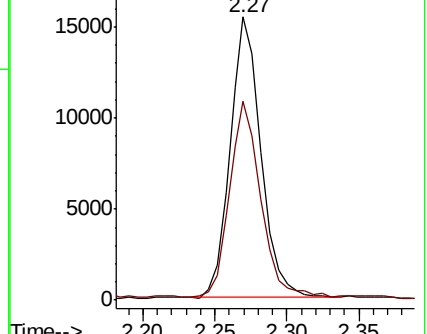
56 100

55 70.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.288 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

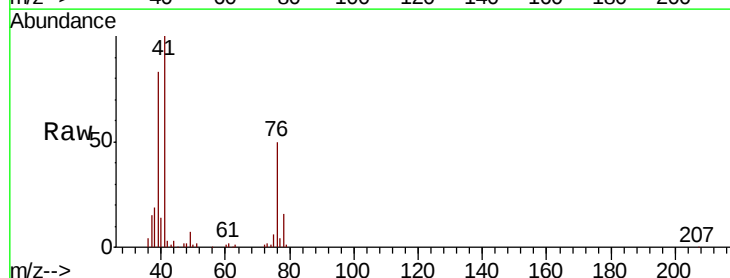
Tgt Ion: 41 Resp: 39899

Ion Ratio Lower Upper

41 100

39 73.8 57.8 86.8

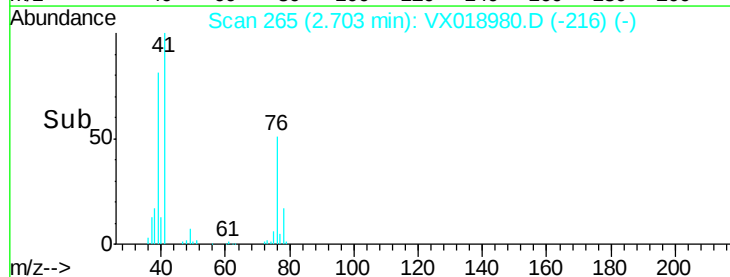
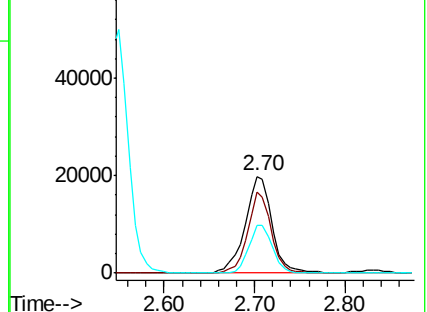
76 44.3 36.2 54.4

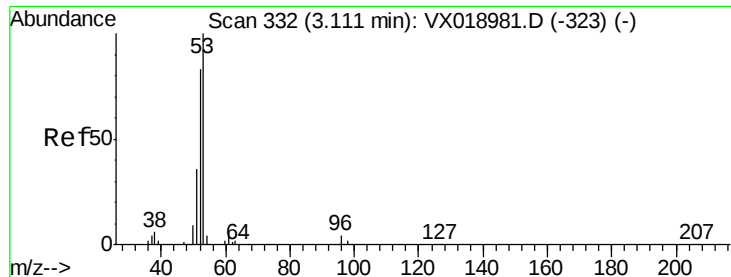


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

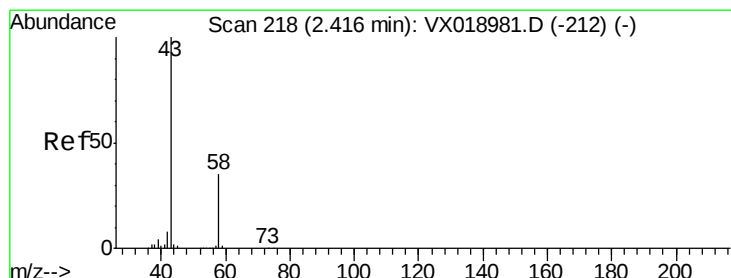
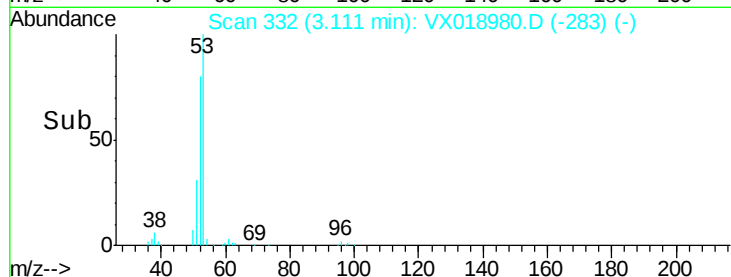
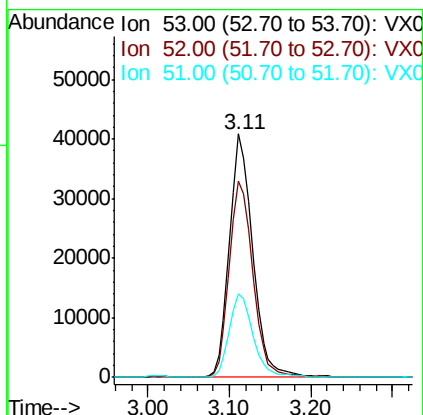
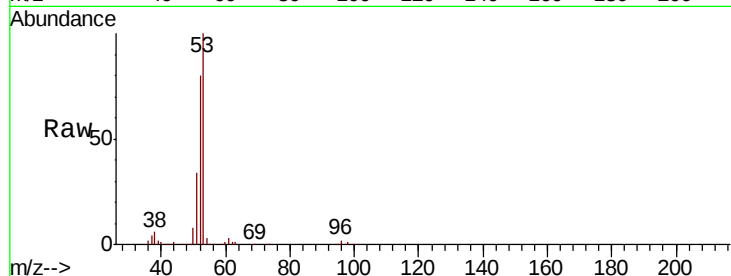




#15  
 Acrylonitrile  
 Concen: 102.918 ug/l  
 RT: 3.11 min Scan# 332  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

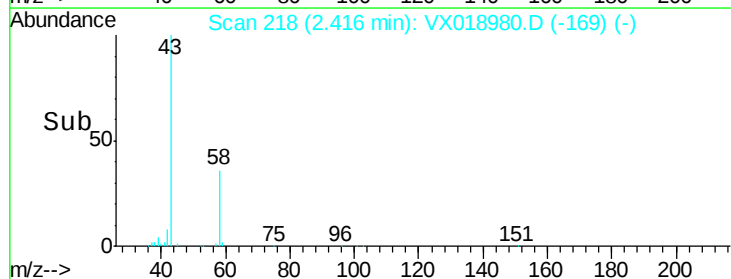
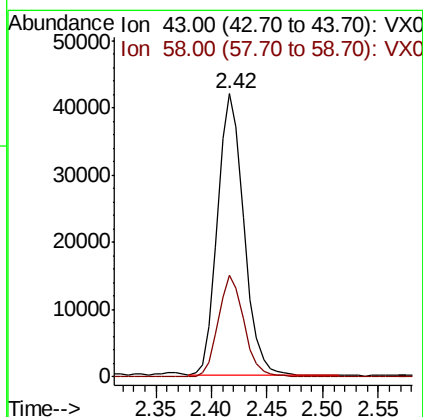
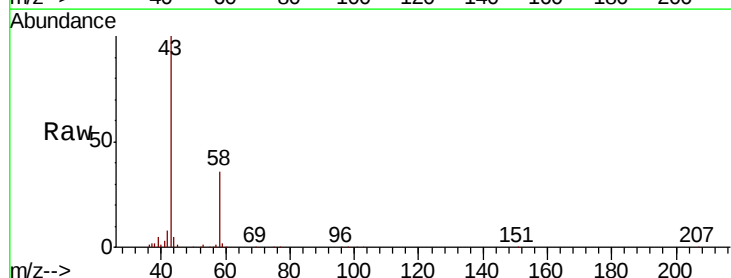
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

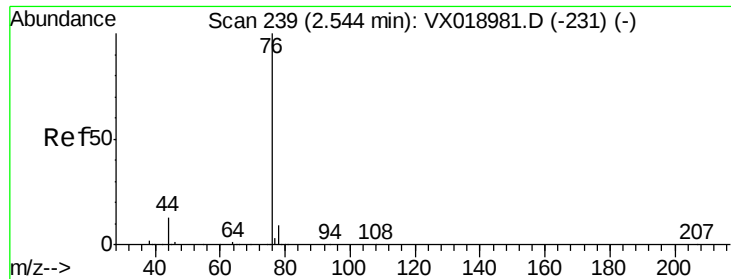
| Tot Ion | 53    | Resp  | 80381 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 53      | 100   |       |       |
| 52      | 82.1  | 65.5  | 98.3  |
| 51      | 35.5  | 28.8  | 43.2  |



#16  
 Acetone  
 Concen: 83.840 ug/l  
 RT: 2.42 min Scan# 218  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

| Tgt Ion | 43    | Resp  | 68840 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 58      | 36.1  | 27.9  | 41.9  |

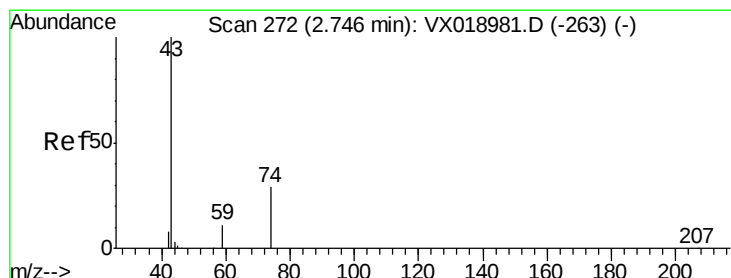
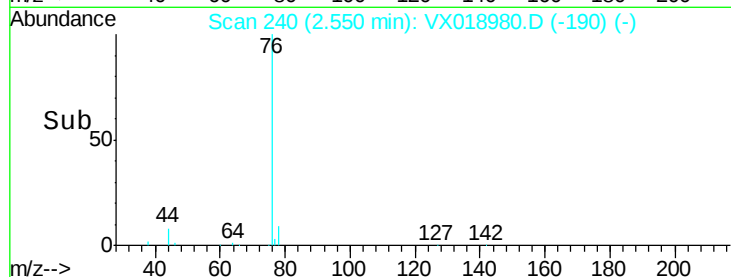
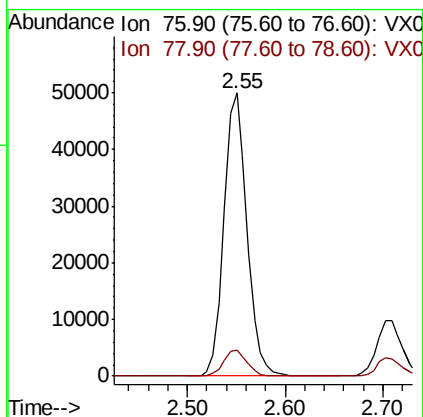
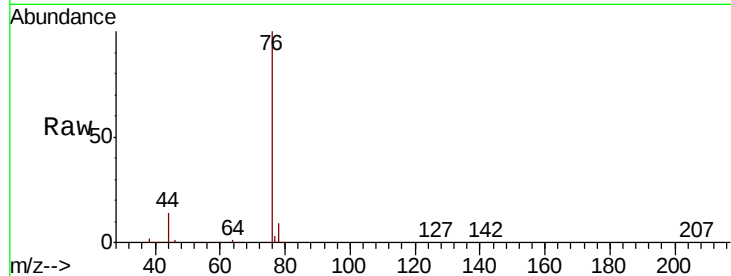




#17  
Carbon Disulfide  
Concen: 19.231 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.01 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

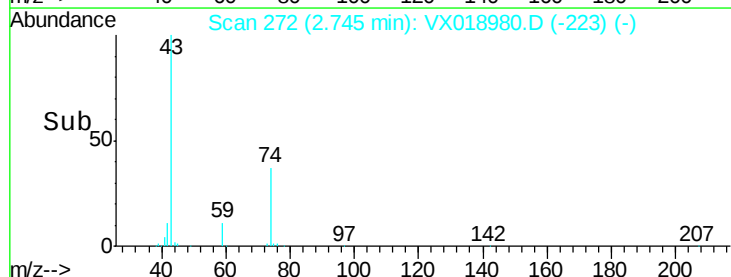
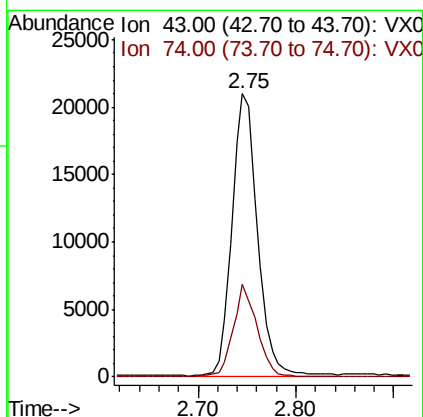
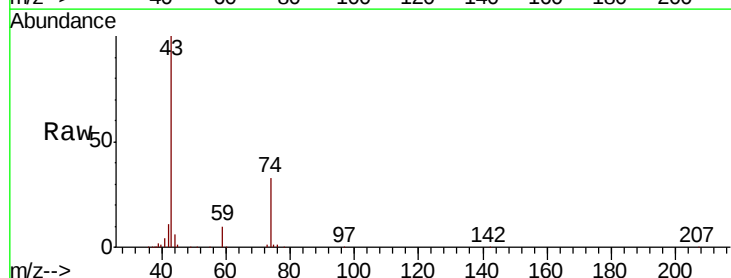
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

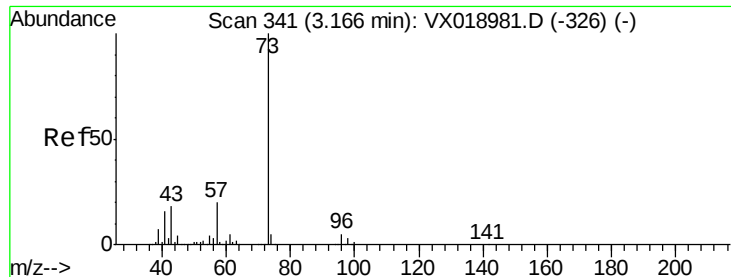
Tot Ion: 76 Resp: 81476  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.6 11.4



#18  
Methyl Acetate  
Concen: 22.766 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion: 43 Resp: 37745  
Ion Ratio Lower Upper  
43 100  
74 30.7 24.1 36.1

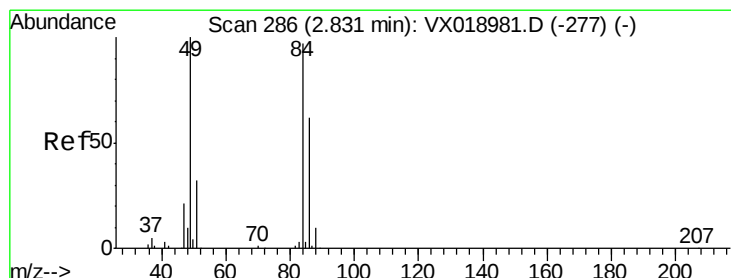
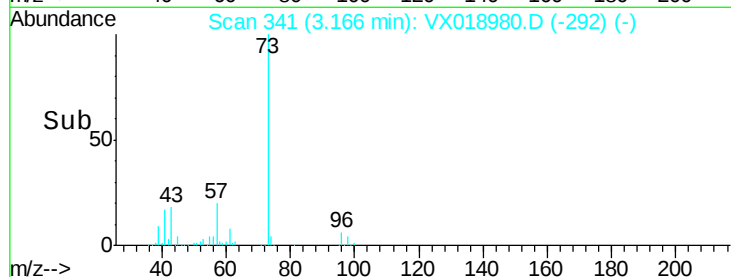
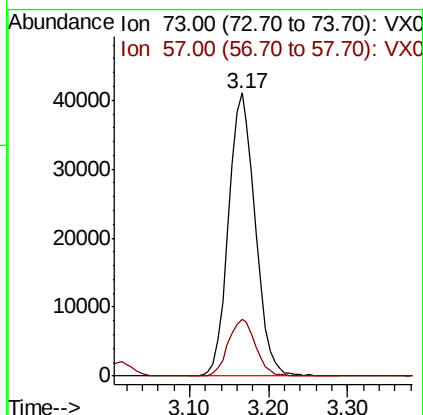
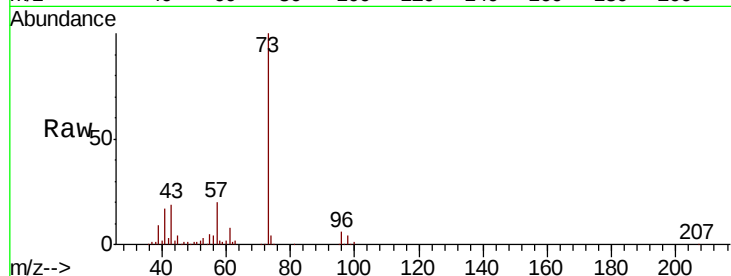




#19  
Methvl tert-butvl Ether  
Concen: 19.360 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

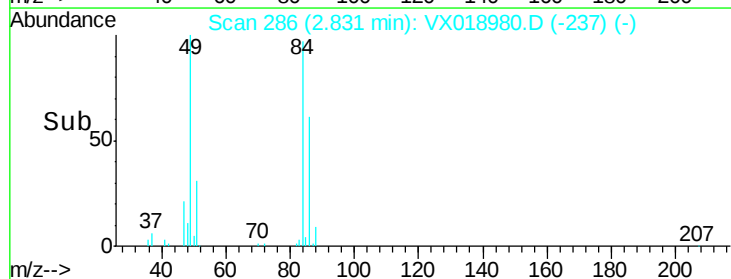
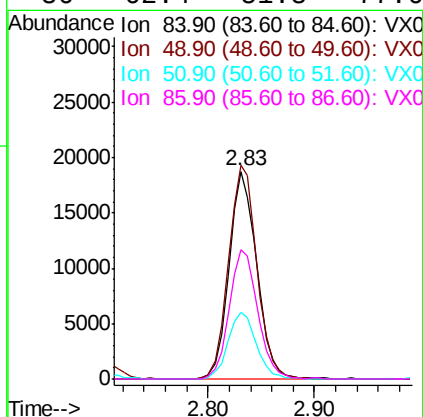
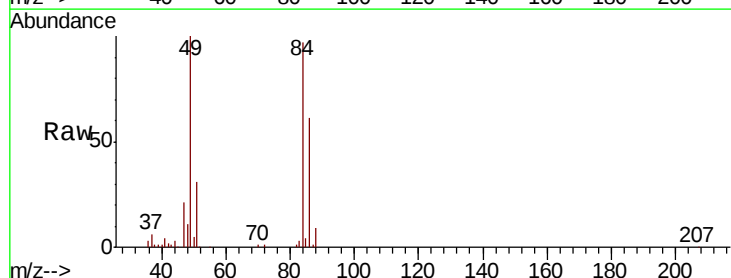
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

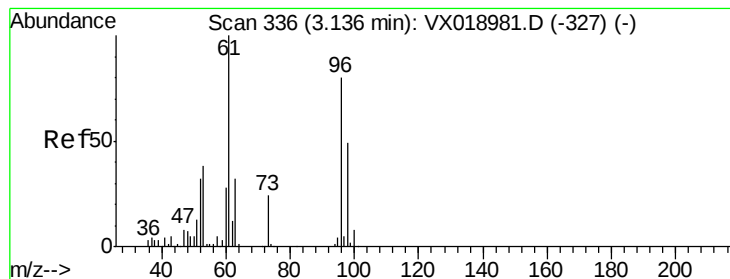
Tot Ion: 73 Resp: 96618  
Ion Ratio Lower Upper  
73 100  
57 20.3 16.2 24.2



#20  
Methylene Chloride  
Concen: 19.455 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion: 84 Resp: 34181  
Ion Ratio Lower Upper  
84 100  
49 102.8 82.9 124.3  
51 31.9 26.4 39.6  
86 62.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.167 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

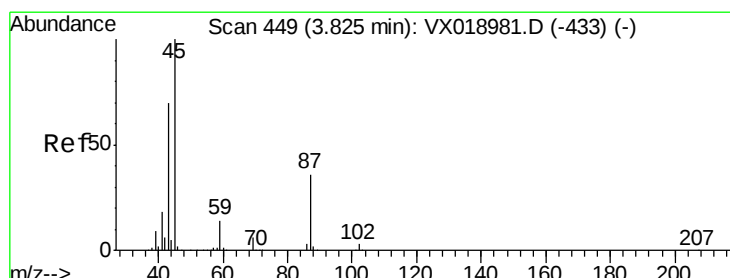
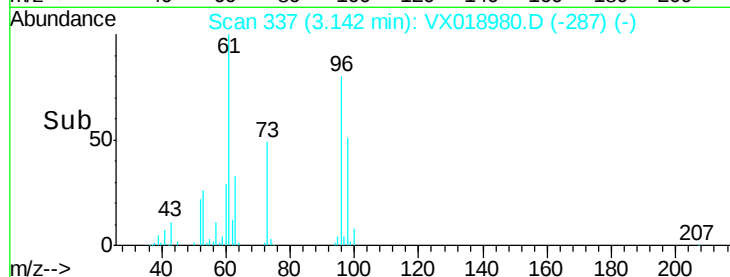
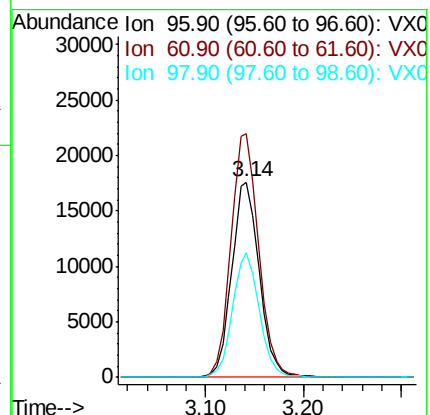
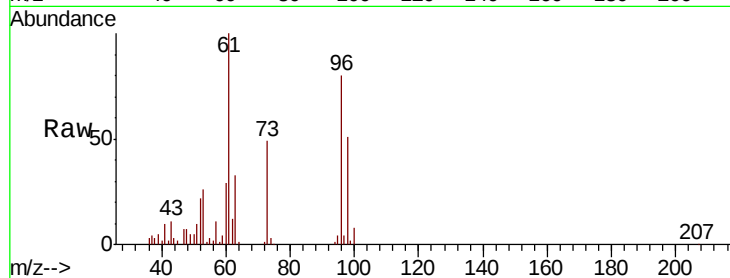
Tot Ion: 96 Resp: 34201

Ion Ratio Lower Upper

96 100

61 124.6 99.8 149.8

98 63.9 49.1 73.7



#22

Diisopropyl ether

Concen: 19.410 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Tgt Ion: 45 Resp: 80562

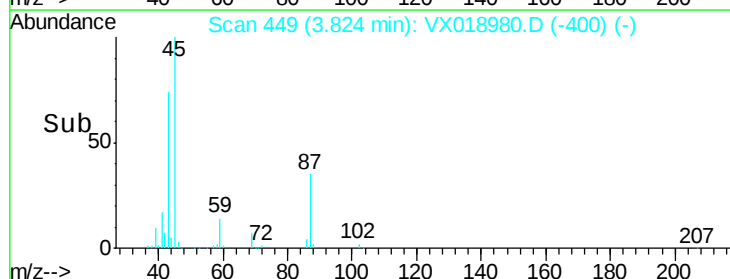
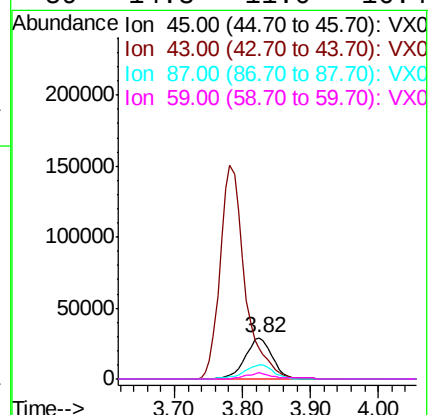
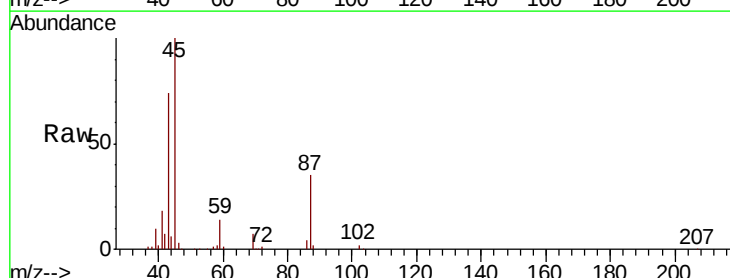
Ion Ratio Lower Upper

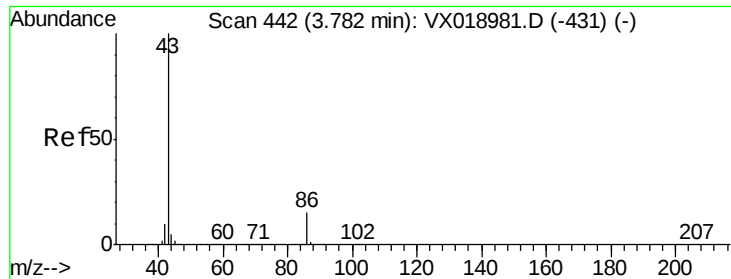
45 100

43 73.8 56.1 84.1

87 35.2 29.2 43.8

59 14.3 11.0 16.4





#23

Vinyl Acetate

Concen: 96.199 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

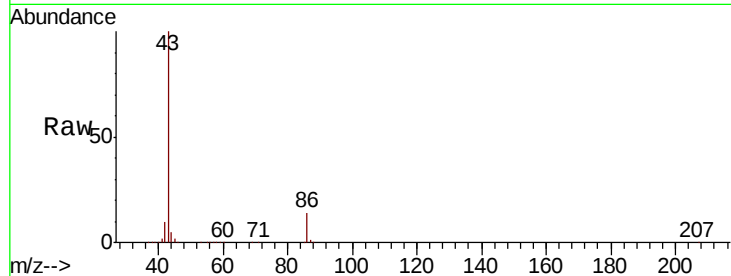
VSTDIC020

Tot Ion: 43 Resp: 381900

Ion Ratio Lower Upper

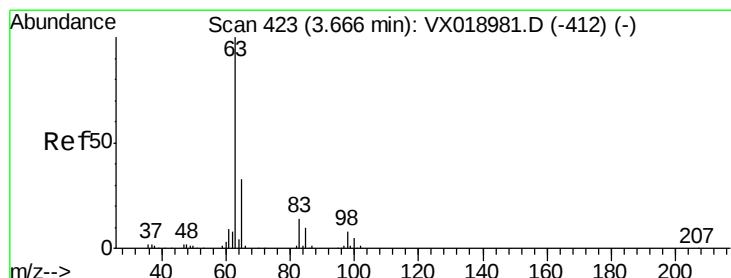
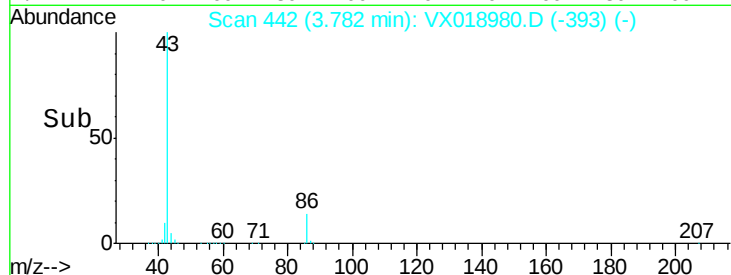
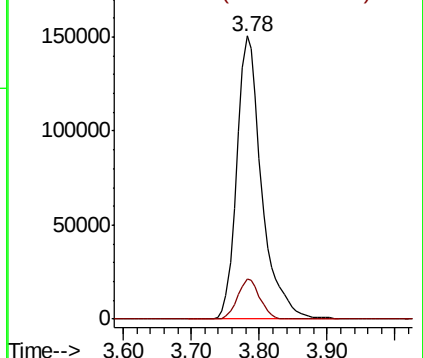
43 100

86 14.1 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.681 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

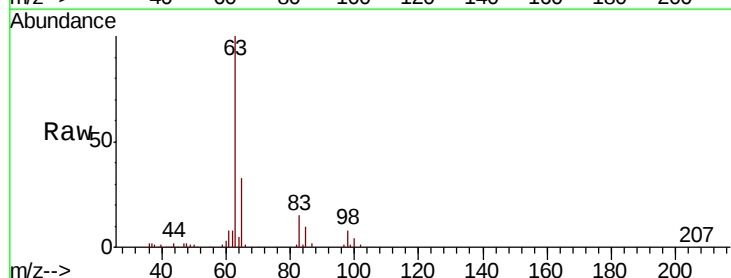
Tgt Ion: 63 Resp: 58195

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

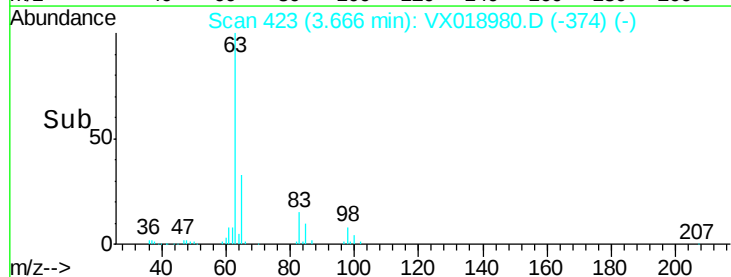
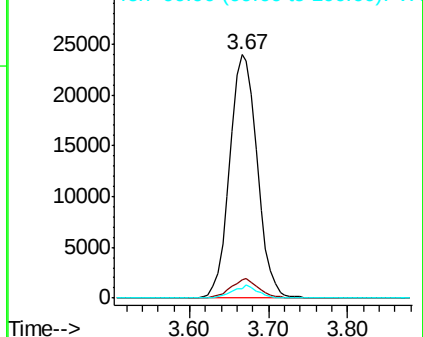
100 4.1 2.4 7.1

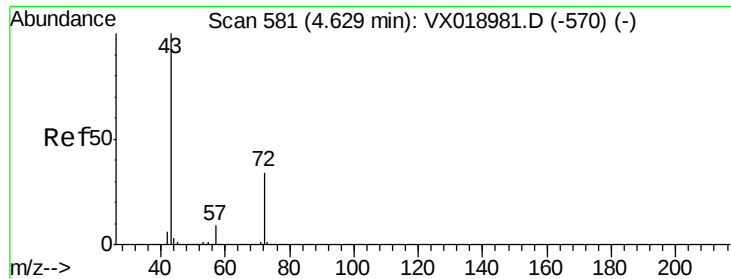


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.607 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

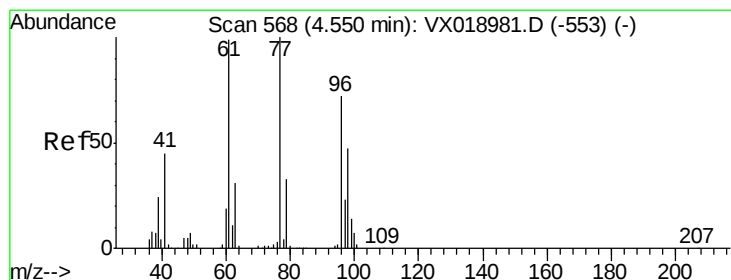
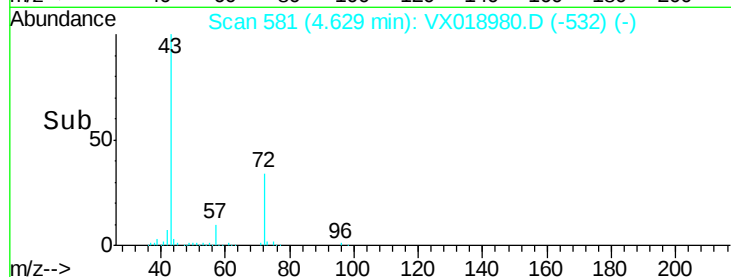
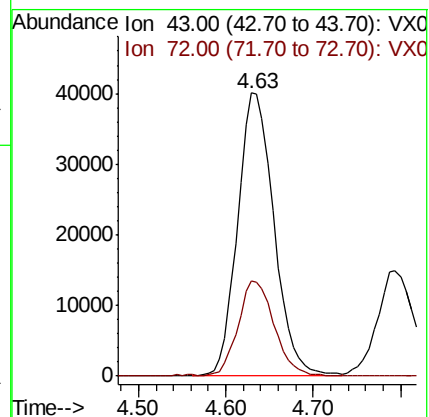
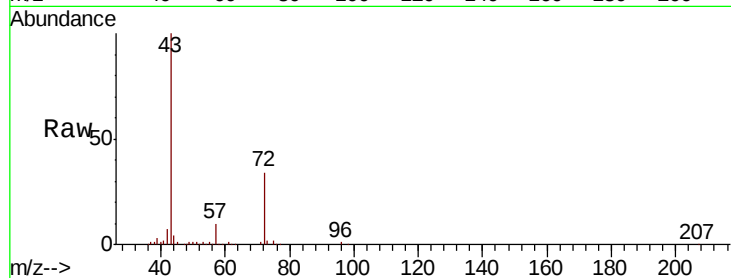
VSTDIC020

Tot Ion: 43 Resp: 115239

Ion Ratio Lower Upper

43 100

72 33.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.797 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018980.D

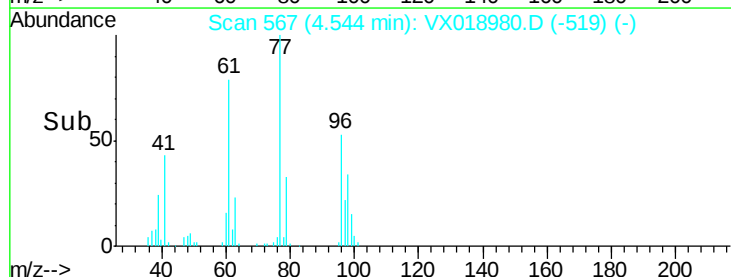
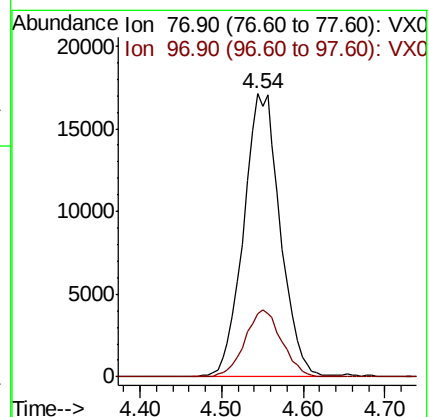
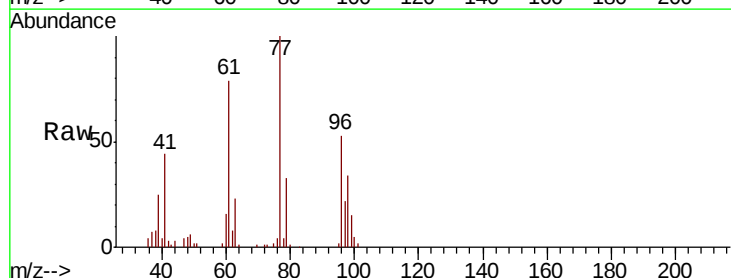
Acq: 20 Oct 2020 17:19

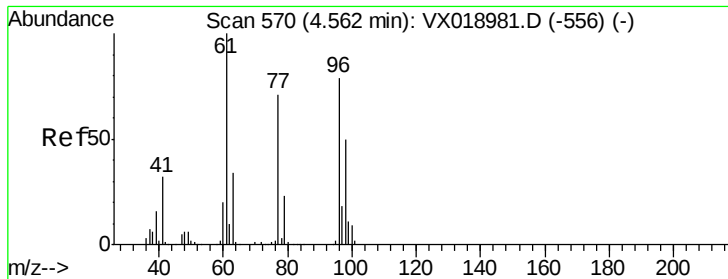
Tgt Ion: 77 Resp: 53661

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4



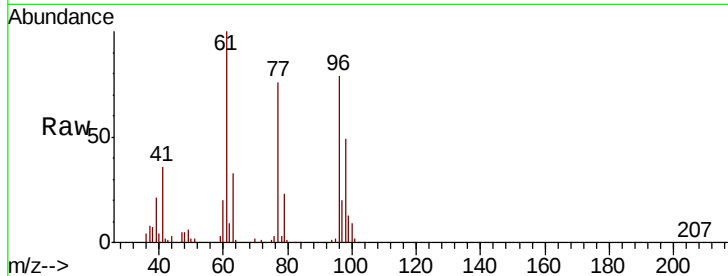


#27

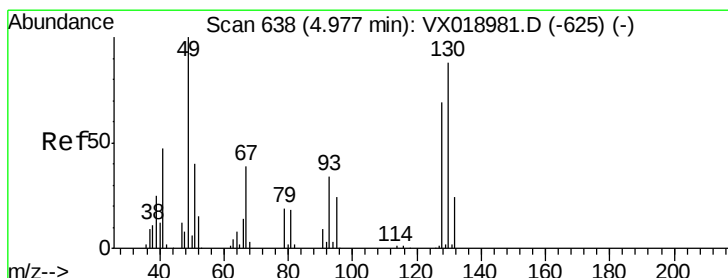
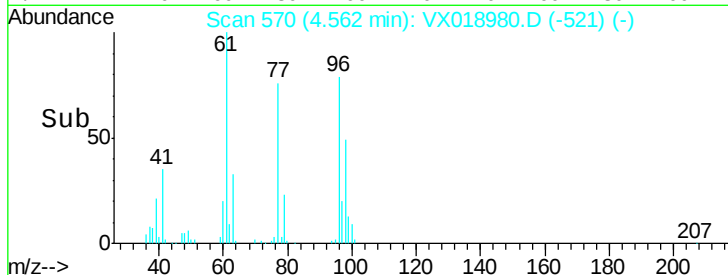
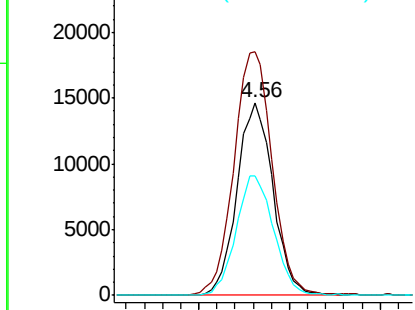
cis-1,2-Dichloroethene  
 Concen: 19.441 ug/l  
 RT: 4.56 min Scan# 570  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | 96    | Resp  | 40414 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 134.2 | 0.0   | 266.2 |
| 98      | 64.7  | 0.0   | 128.6 |



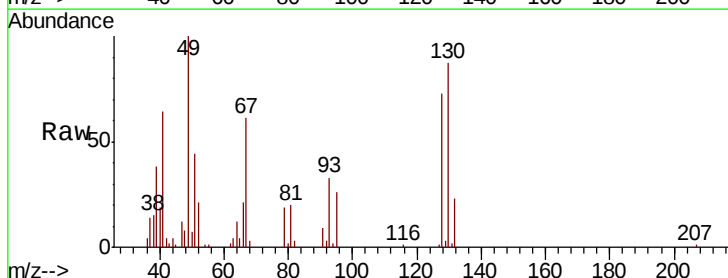
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



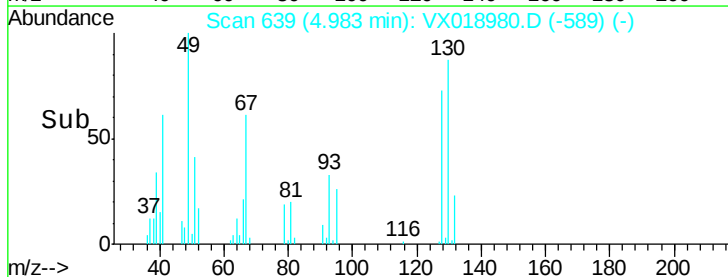
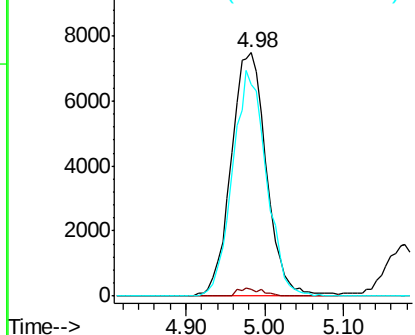
#28

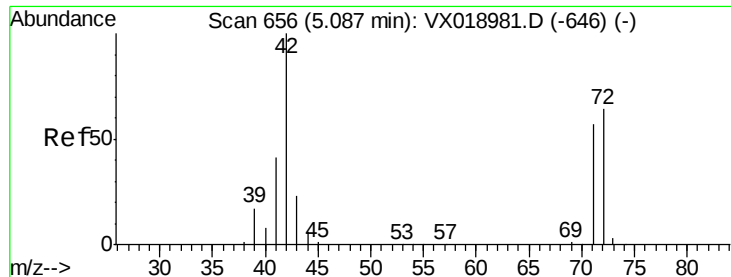
Bromochloromethane  
 Concen: 18.624 ug/l  
 RT: 4.98 min Scan# 639  
 Delta R.T. 0.01 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

| Tgt Ion | 49    | Resp  | 23303 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 2.2   | 0.0   | 4.8   |
| 130     | 88.4  | 74.0  | 111.0 |



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





#29

Tetrahydrofuran

Concen: 100.818 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

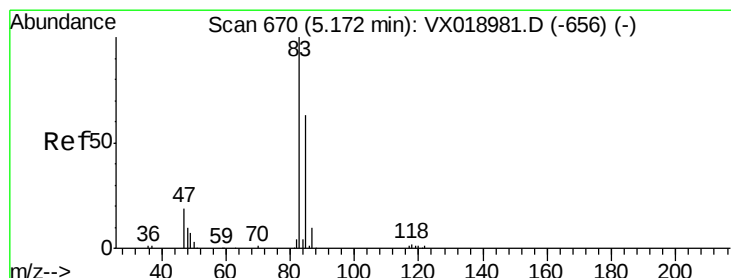
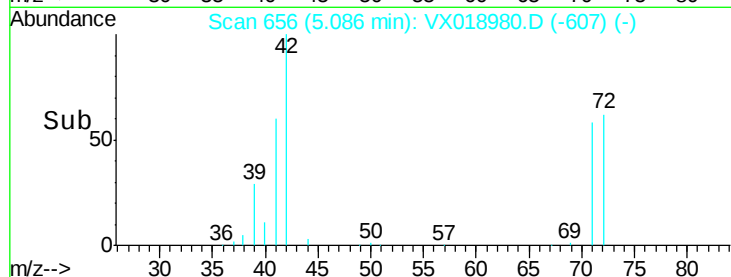
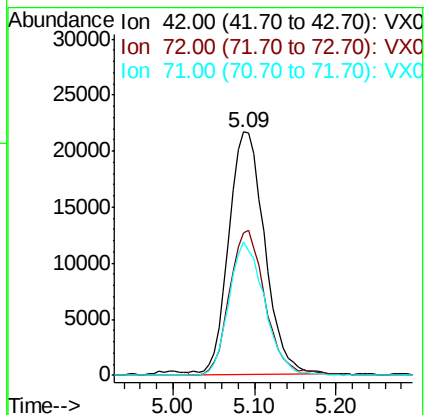
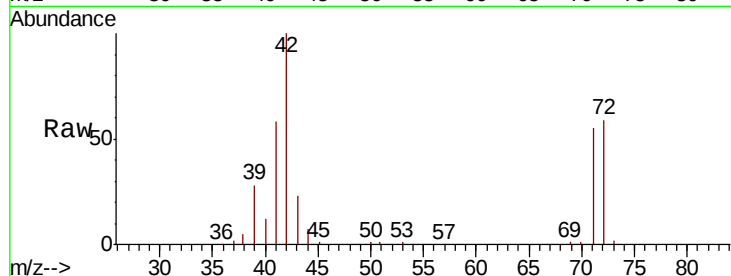
Tot Ion: 42 Resp: 66292

Ion Ratio Lower Upper

42 100

72 59.4 49.2 73.8

71 54.3 45.3 67.9



#30

Chloroform

Concen: 19.321 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX018980.D

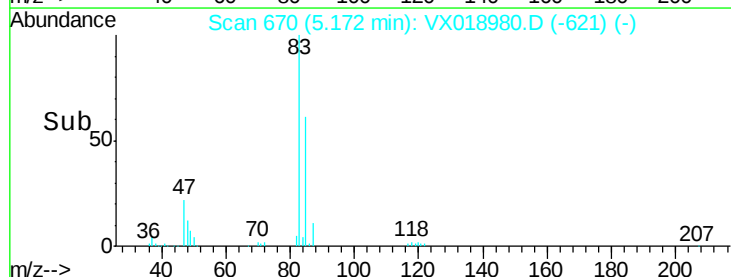
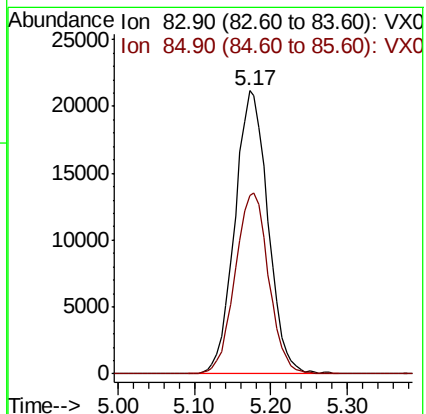
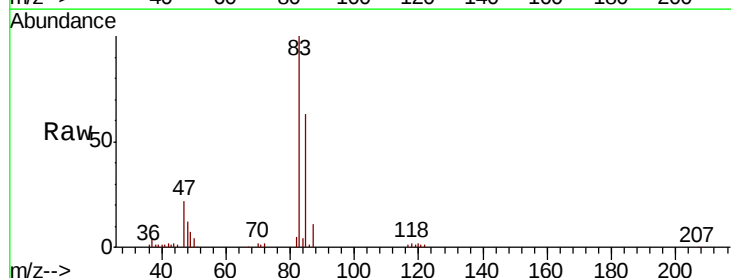
Acq: 20 Oct 2020 17:19

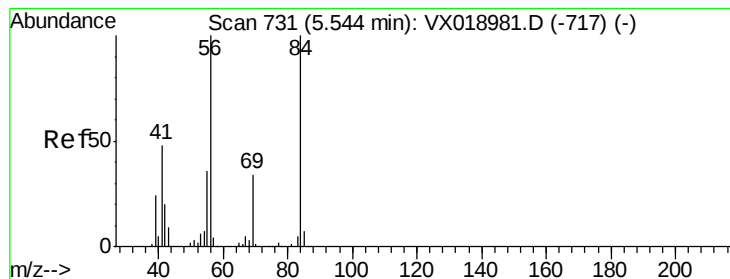
Tgt Ion: 83 Resp: 63581

Ion Ratio Lower Upper

83 100

85 63.2 50.1 75.1





#31

Cyclohexane

Concen: 19.687 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

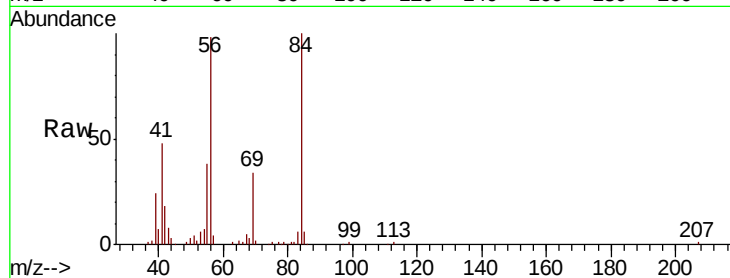
Tot Ion: 56 Resp: 46260

Ion Ratio Lower Upper

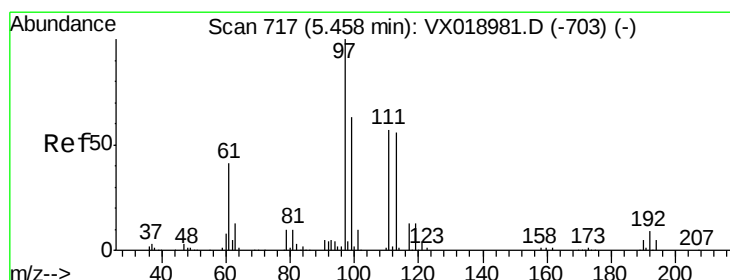
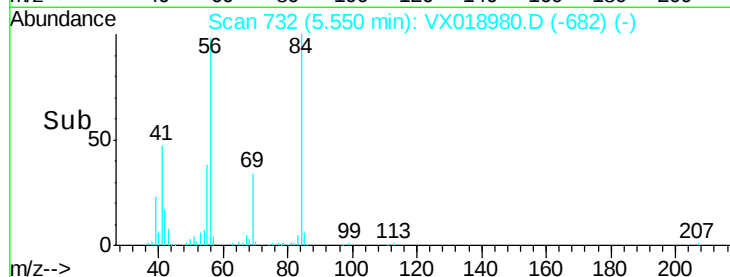
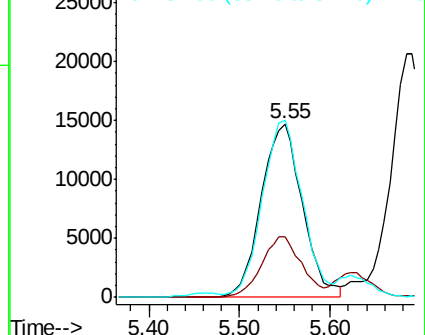
56 100

69 35.0 27.1 40.7

84 100.2 80.4 120.6



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: 19.124 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

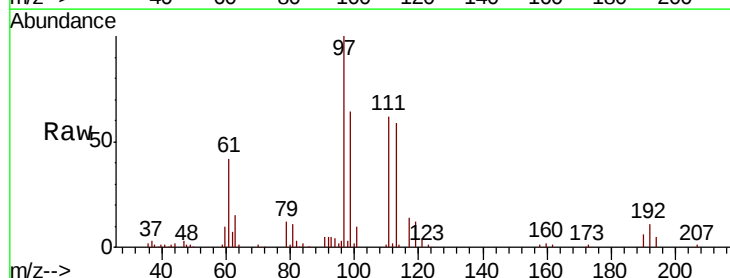
Tgt Ion: 97 Resp: 56531

Ion Ratio Lower Upper

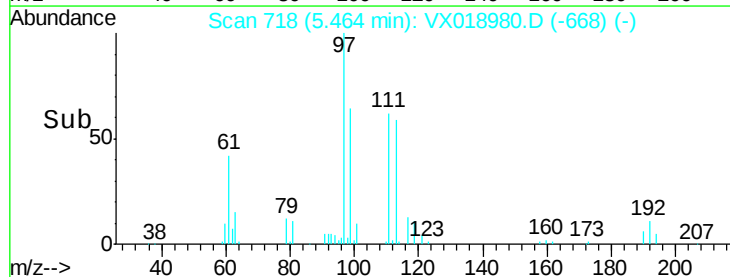
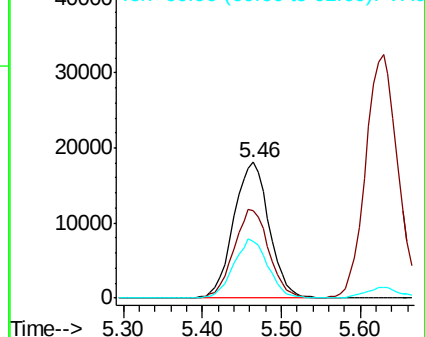
97 100

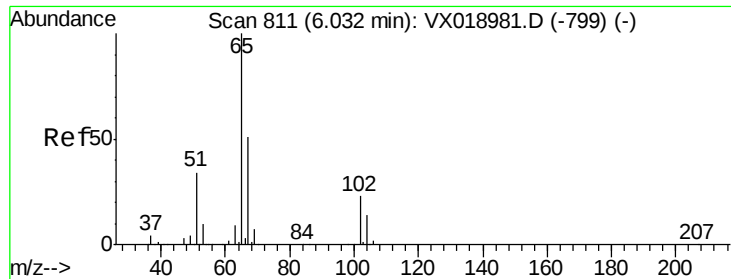
99 64.4 51.1 76.7

61 42.2 32.5 48.7



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

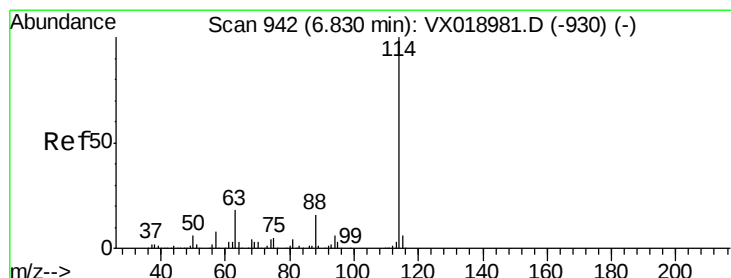
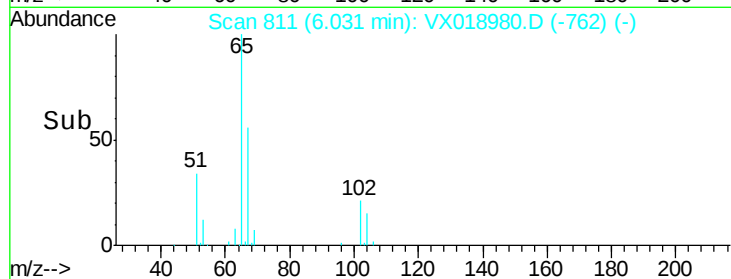
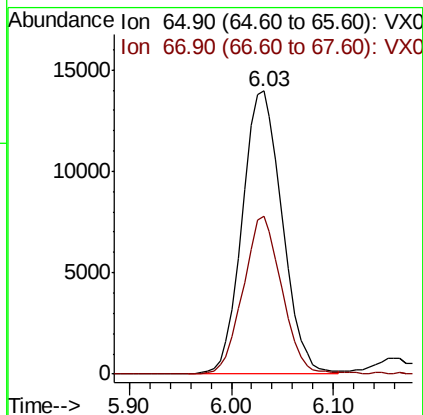
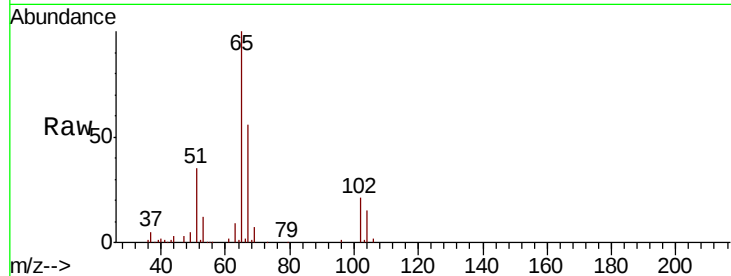




#33  
 1,2-Dichloroethane-d4  
 Concen: 18.893 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

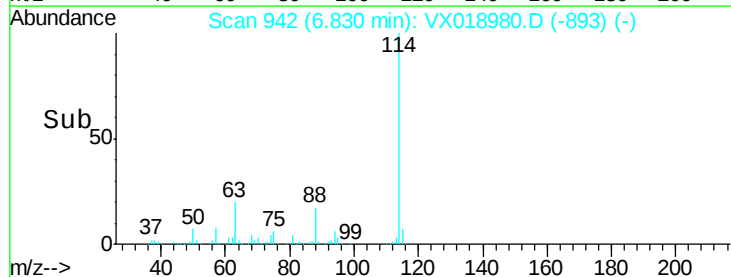
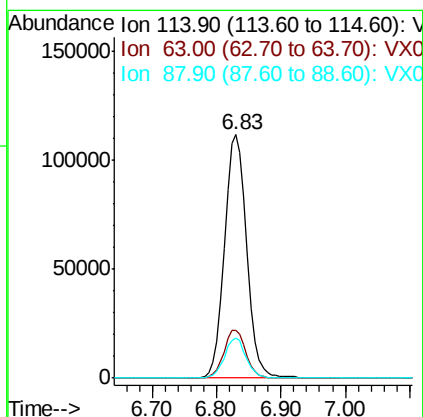
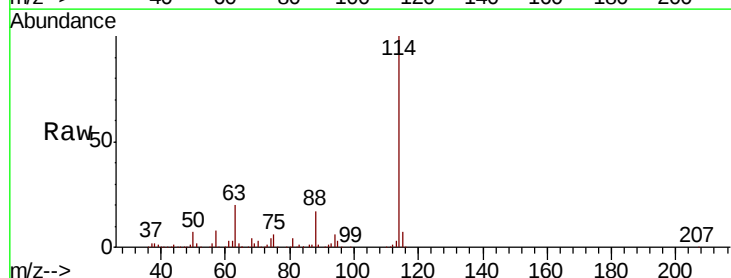
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

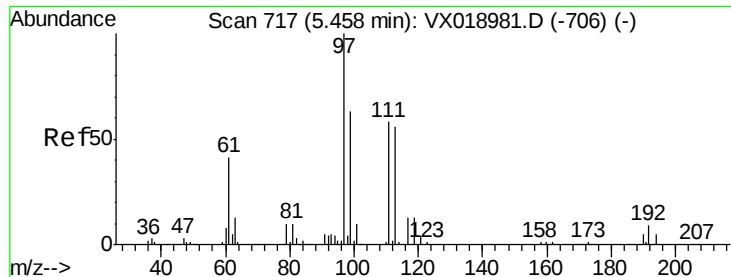
Tot Ion: 65 Resp: 38006  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 105.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

Tgt Ion: 114 Resp: 272001  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 36.8  
 88 16.5 0.0 31.8

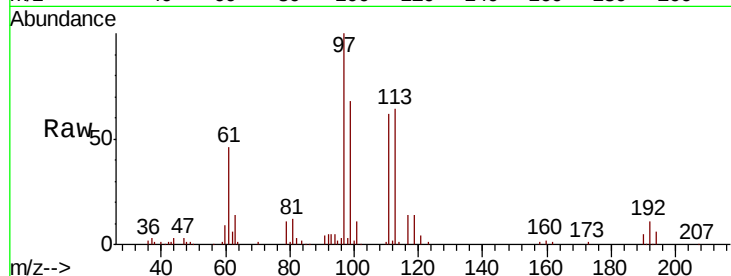




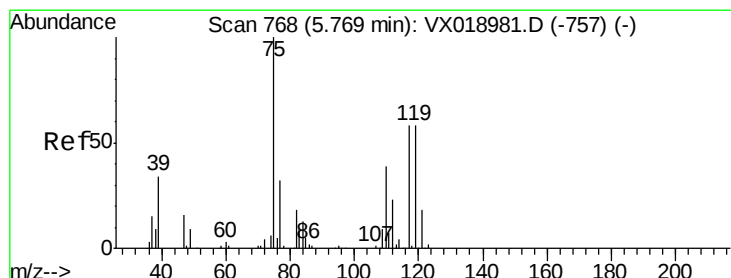
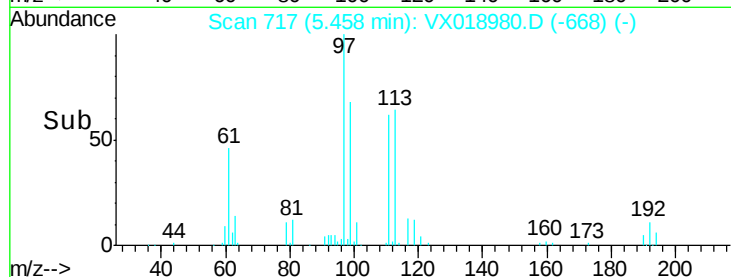
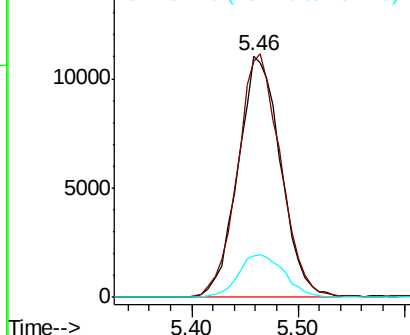
#35  
 Dibromofluoromethane  
 Concen: 17.691 ug/l  
 RT: 5.46 min Scan# 717  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.9 | 84.1  | 126.1 |
| 192     | 18.8  | 14.7  | 22.1  |

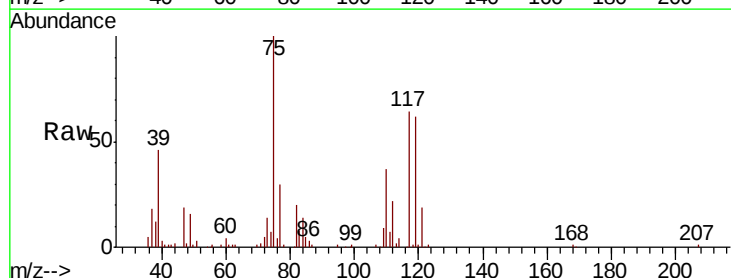


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

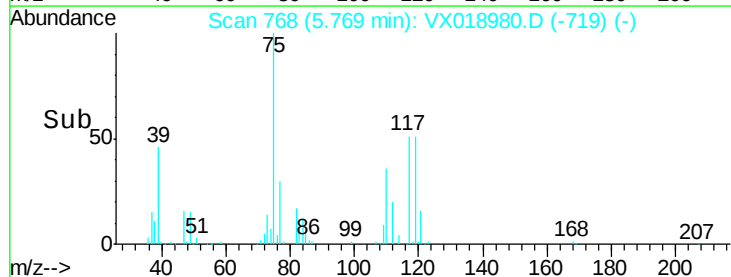
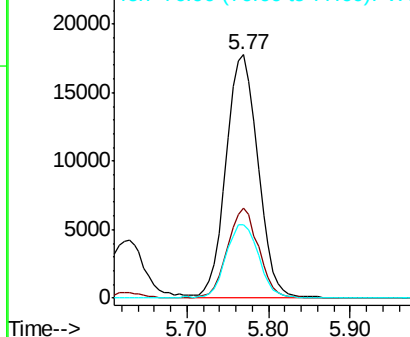


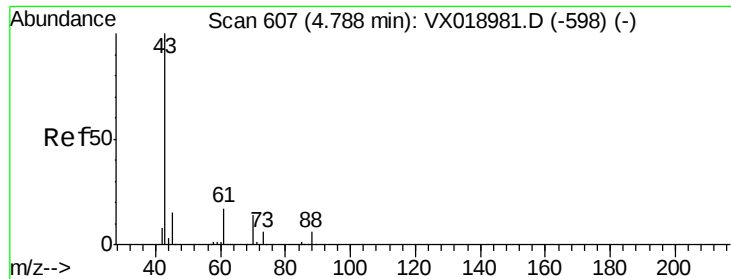
#36  
 1,1-Dichloropropene  
 Concen: 18.877 ug/l  
 RT: 5.77 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.7  | 18.6  | 55.6  |
| 77      | 30.8  | 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

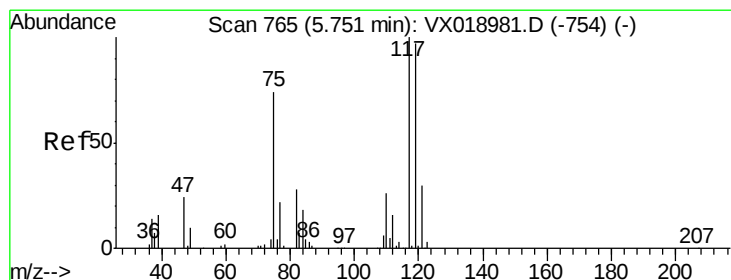
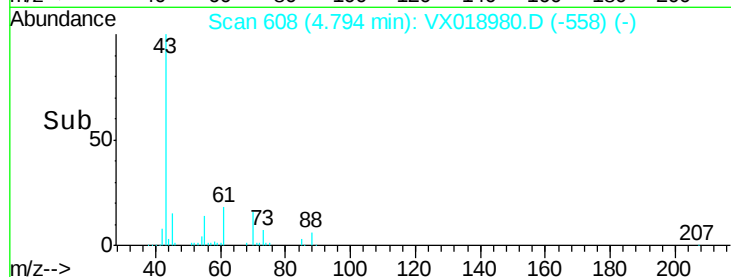
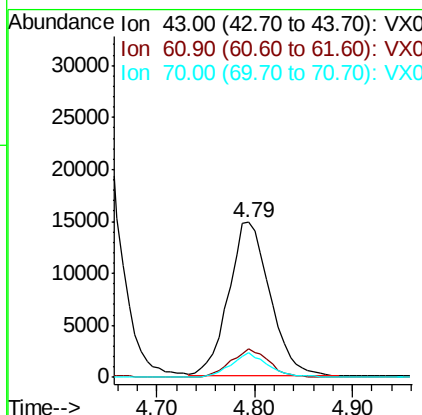
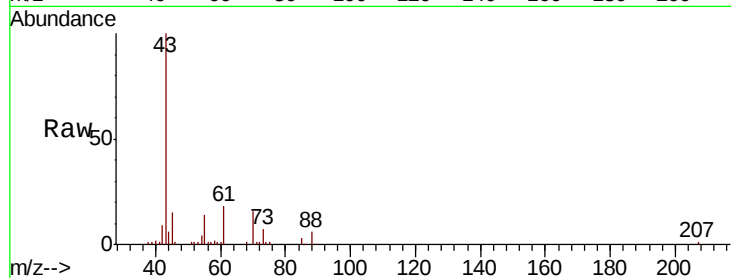




#37  
Ethyl Acetate  
Concen: 19.714 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. 0.01 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

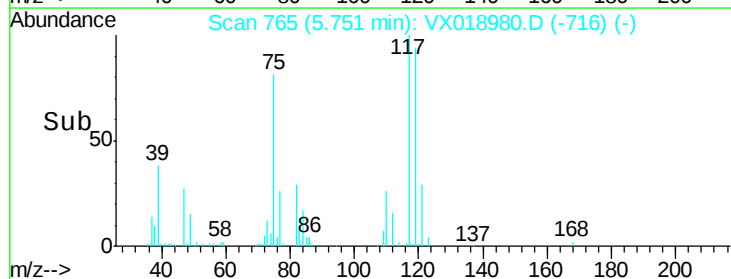
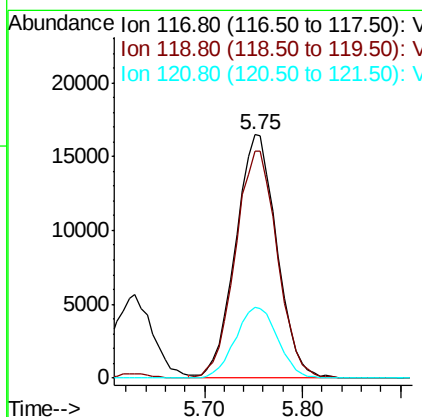
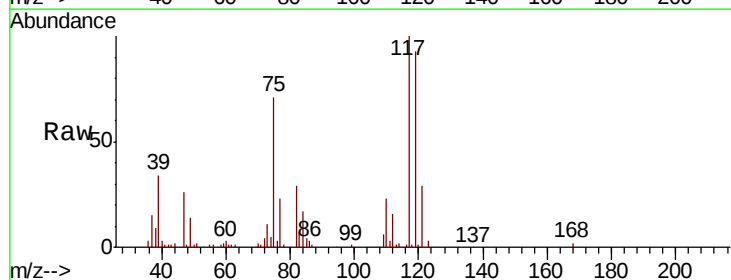
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

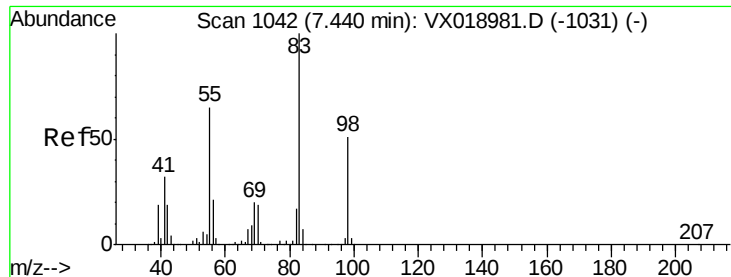
Tot Ion: 43 Resp: 43312  
Ion Ratio Lower Upper  
43 100  
61 17.3 13.5 20.3  
70 14.1 11.4 17.2



#38  
Carbon Tetrachloride  
Concen: 18.258 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion: 117 Resp: 48227  
Ion Ratio Lower Upper  
117 100  
119 93.0 77.6 116.4  
121 29.3 23.9 35.9

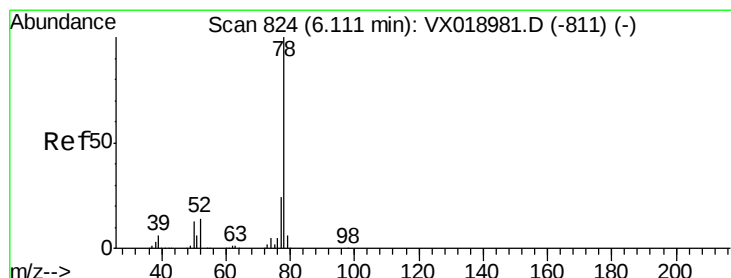
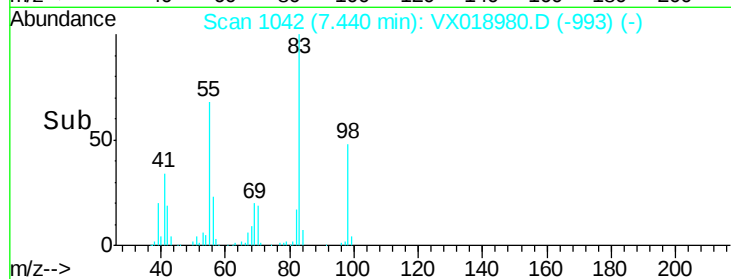
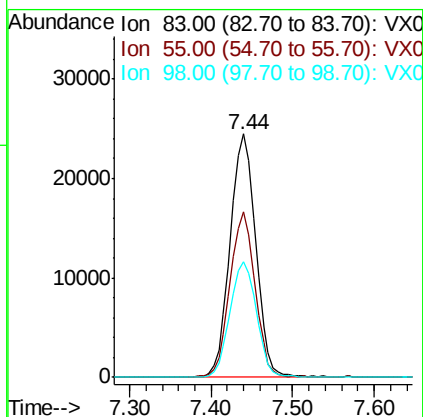
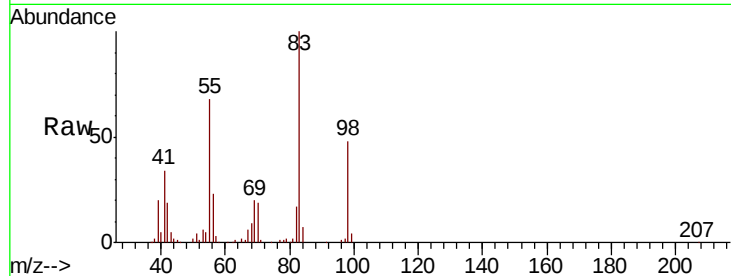




#39  
Methvlcvclohexane  
Concen: 18.954 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

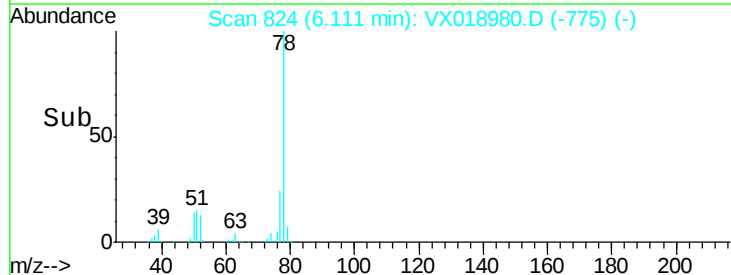
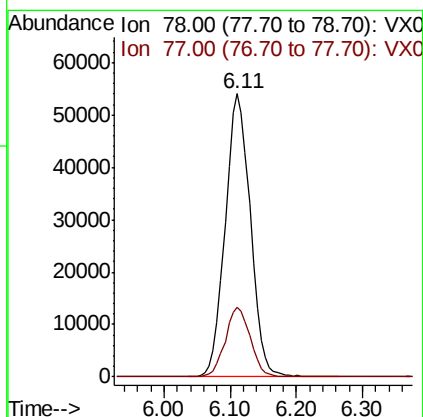
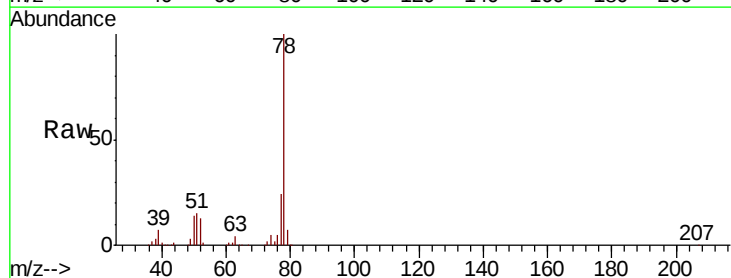
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

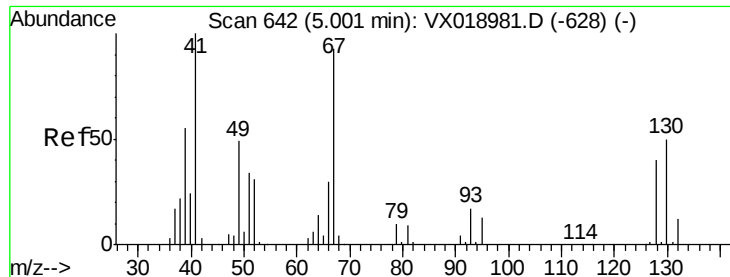
Tot Ion: 83 Resp: 53090  
Ion Ratio Lower Upper  
83 100  
55 67.5 52.2 78.4  
98 47.6 40.8 61.2



#40  
Benzene  
Concen: 19.083 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion: 78 Resp: 142246  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.5 29.3

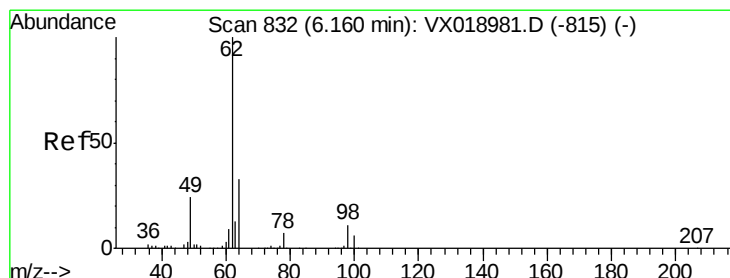
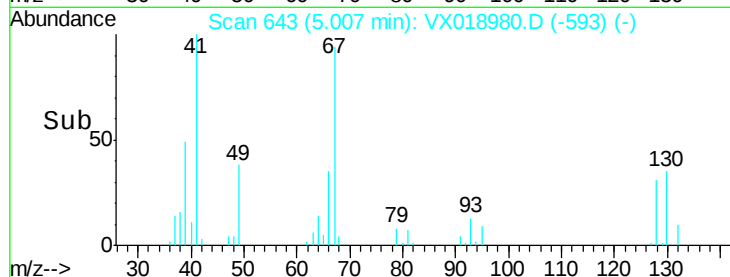
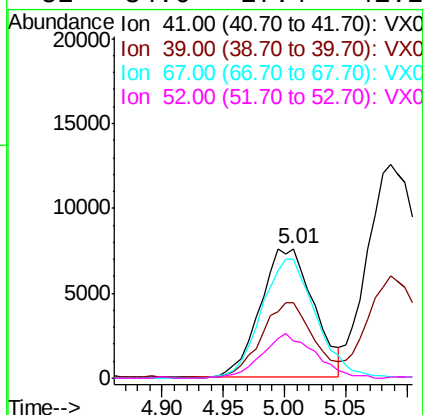
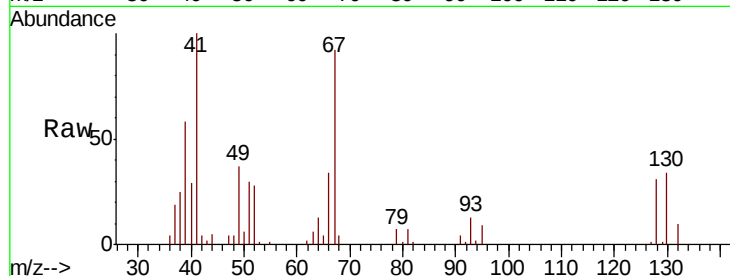




#41  
Methacrylonitrile  
Concen: 19.092 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. 0.01 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

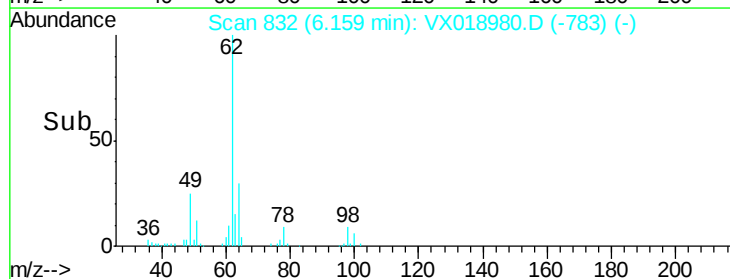
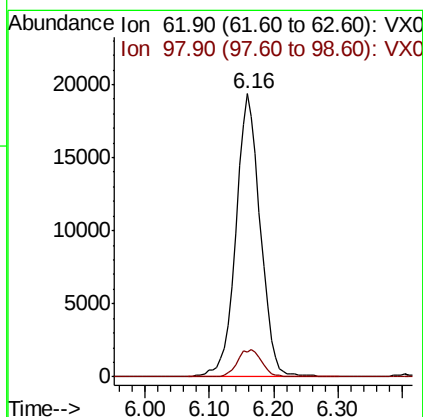
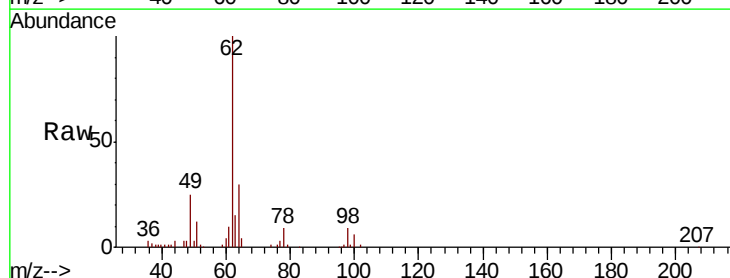
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

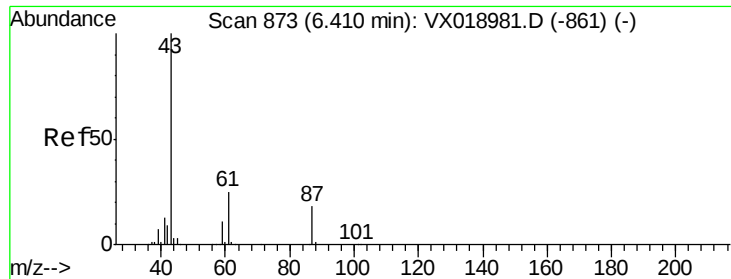
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 23092 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.6  | 44.3  | 66.5  |
| 67       | 94.9  | 74.7  | 112.1 |
| 52       | 34.6  | 27.4  | 41.2  |



#42  
1,2-Dichloroethane  
Concen: 19.711 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 50749 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.6   | 0.0   | 20.4  |





#43

Isopropyl Acetate

Concen: 19.348 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

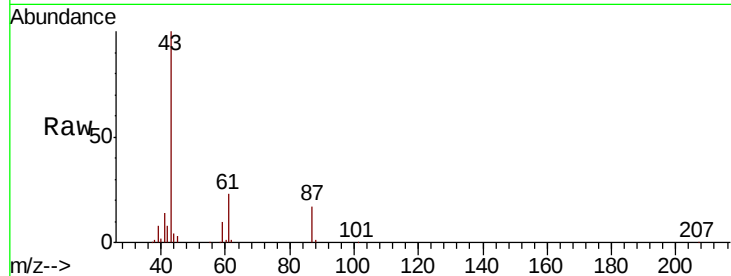
Tot Ion: 43 Resp: 74319

Ion Ratio Lower Upper

43 100

61 23.4 19.3 28.9

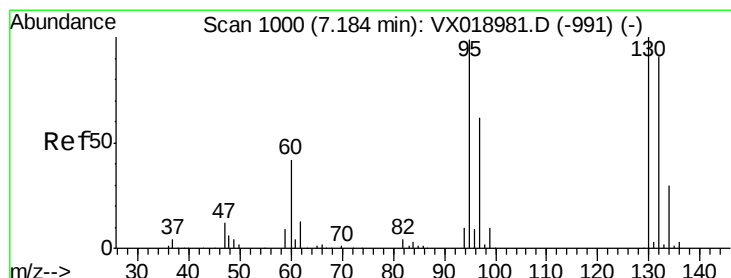
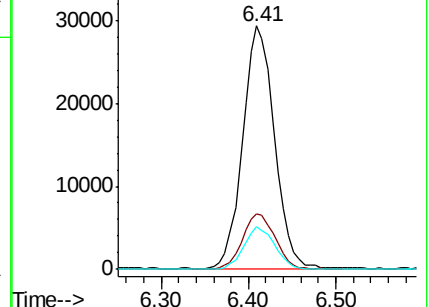
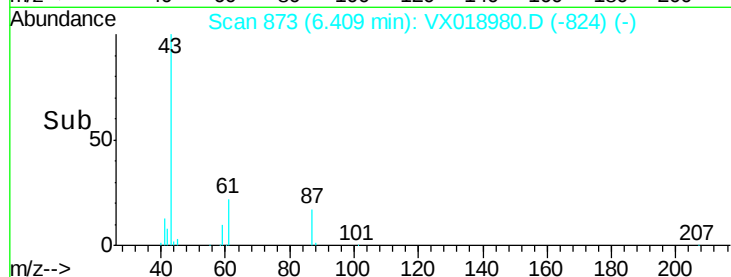
87 17.0 14.3 21.5



Abundance Ion 43.00 (42.70 to 43.70): VX018980.D (-824) (-)

Ion 61.00 (60.70 to 61.70): VX018980.D (-824) (-)

Ion 87.00 (86.70 to 87.70): VX018980.D (-824) (-)



#44

Trichloroethene

Concen: 17.907 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018980.D

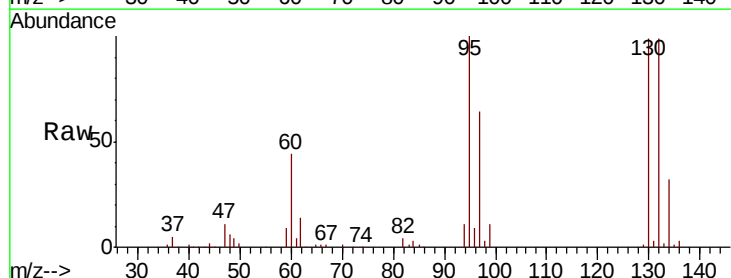
Acq: 20 Oct 2020 17:19

Tgt Ion: 130 Resp: 37500

Ion Ratio Lower Upper

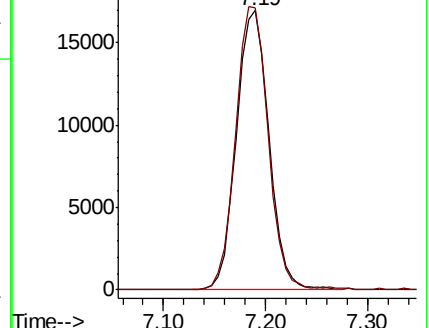
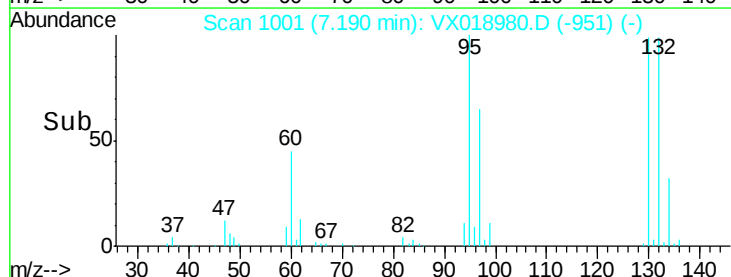
130 100

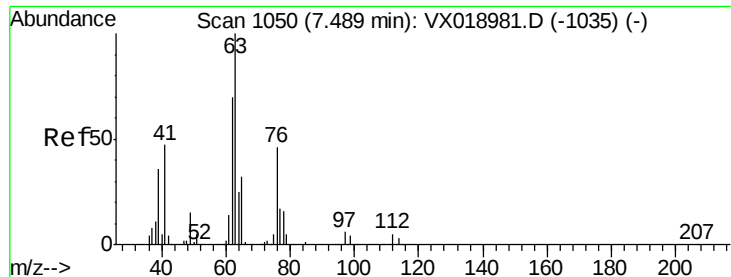
95 101.2 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): VX018980.D (-951) (-)

Ion 94.90 (94.60 to 95.60): VX018980.D (-951) (-)





#45

1,2-Dichloropropane

Concen: 19.389 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

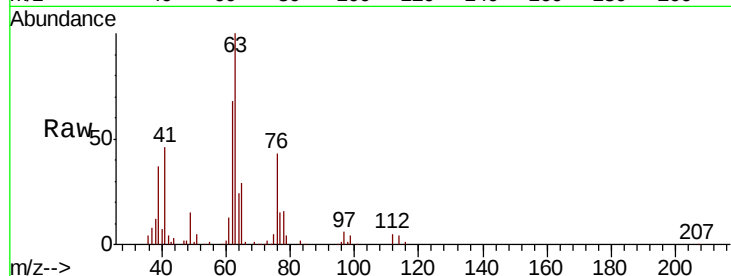
VSTDIC020

Tot Ion: 63 Resp: 34762

Ion Ratio Lower Upper

63 100

65 29.4 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

15000

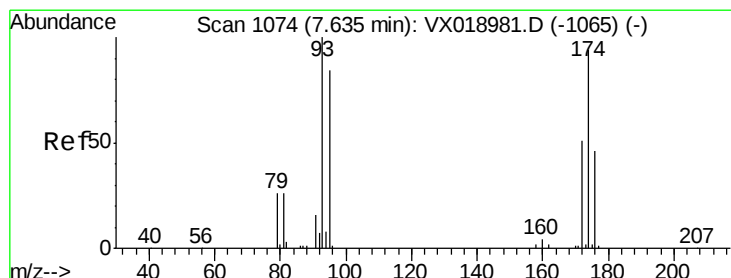
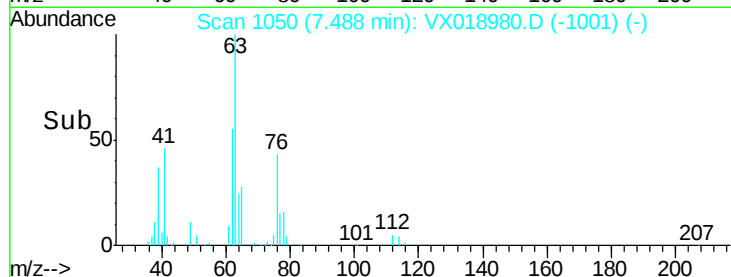
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.151 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

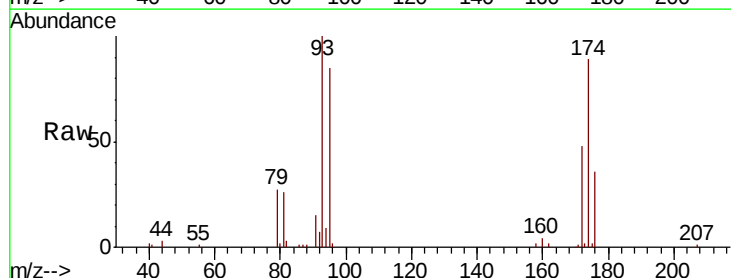
Tgt Ion: 93 Resp: 25558

Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 91.3 74.5 111.7



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

15000

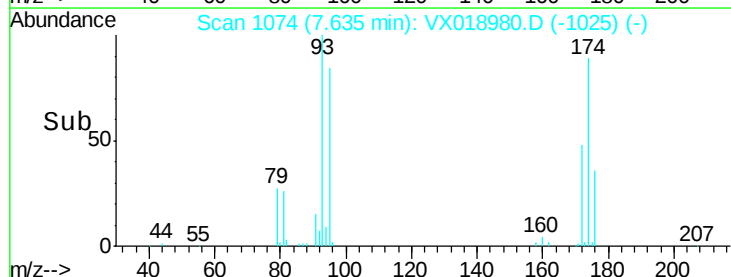
10000

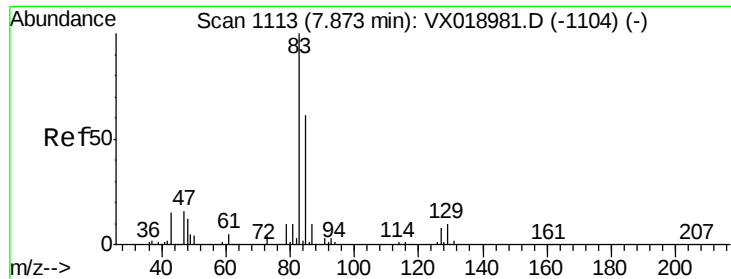
5000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 19.244 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

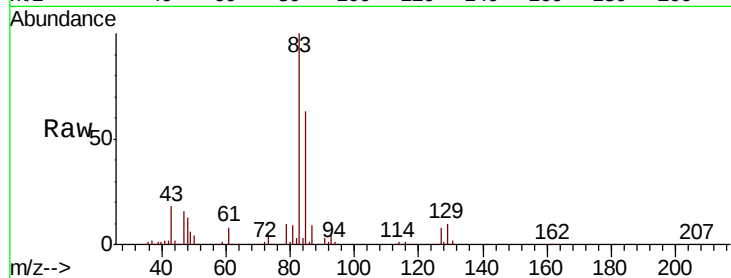
Tot Ion: 83 Resp: 51531

Ion Ratio Lower Upper

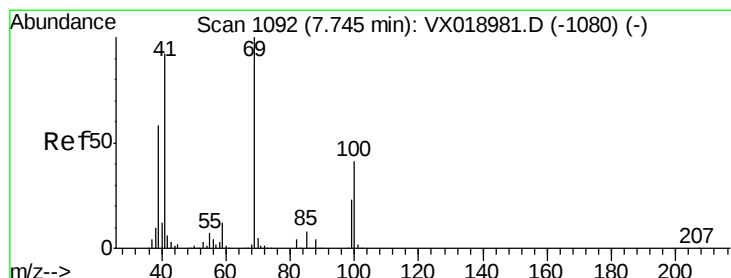
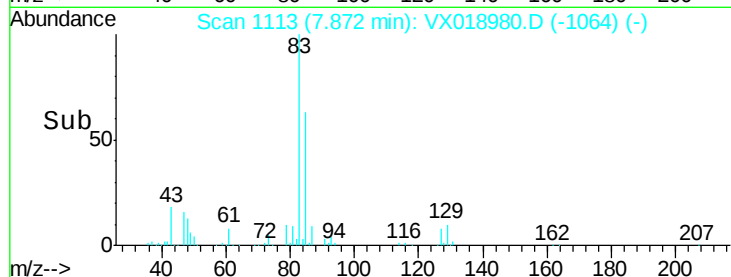
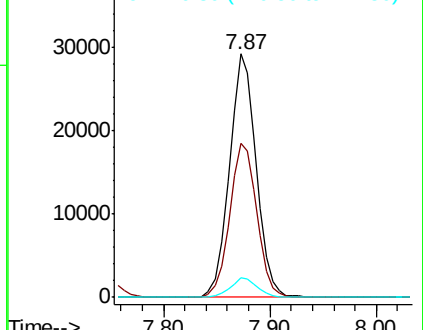
83 100

85 63.3 48.6 73.0

127 8.1 6.3 9.5



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: 19.787 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

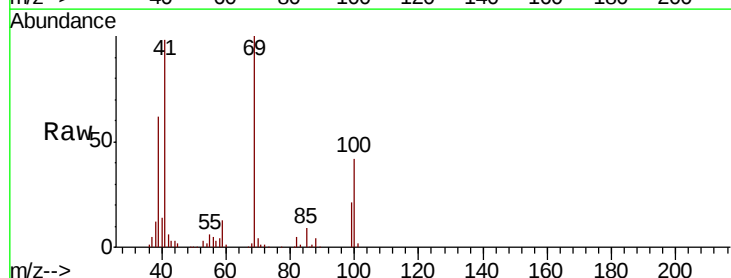
Tgt Ion: 41 Resp: 34978

Ion Ratio Lower Upper

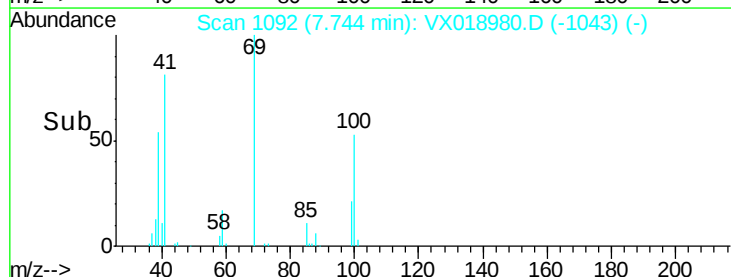
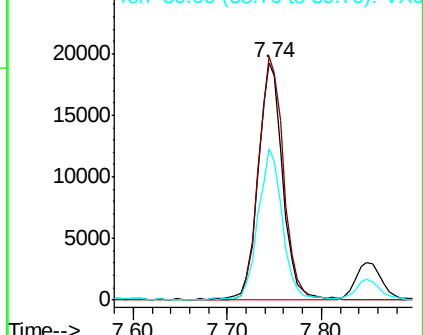
41 100

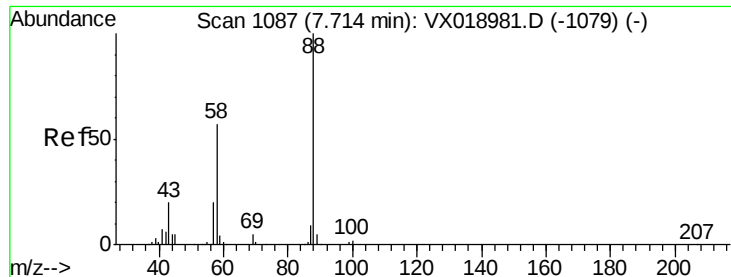
69 105.2 88.0 132.0

39 63.3 49.9 74.9



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

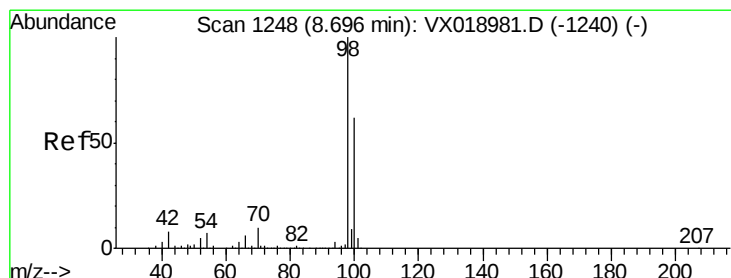
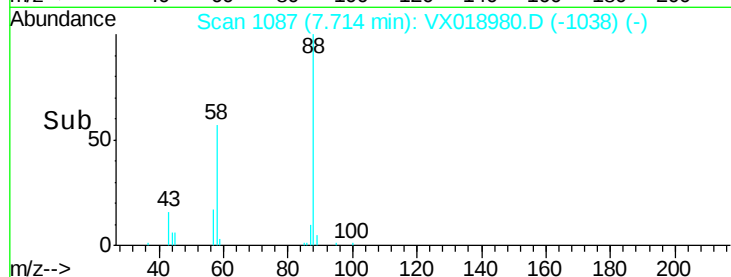
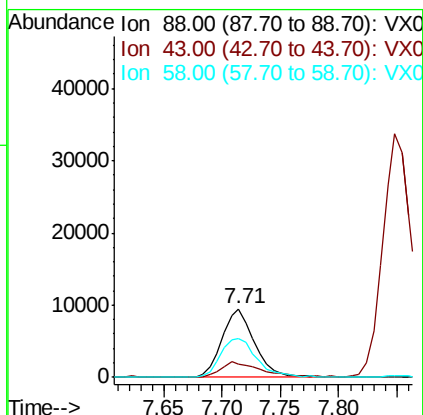
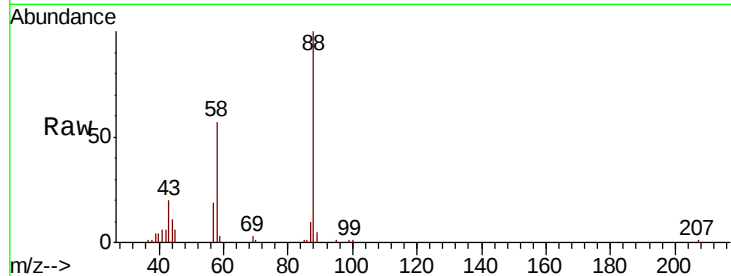




#49  
1,4-Dioxane  
Concen: 413.155 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

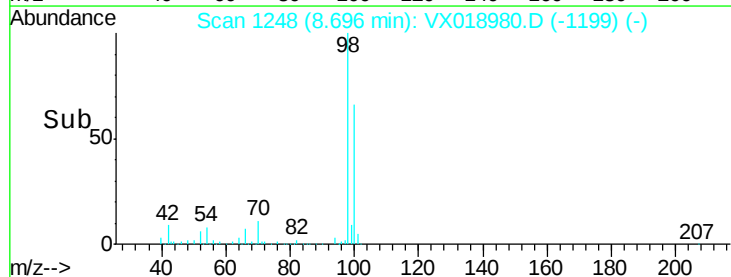
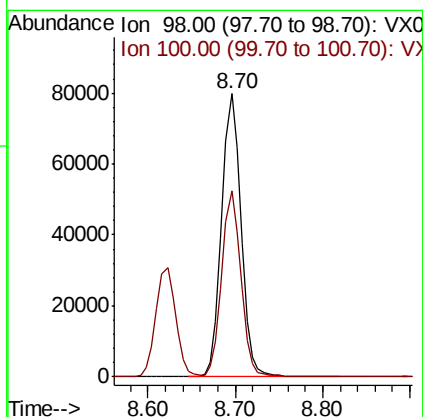
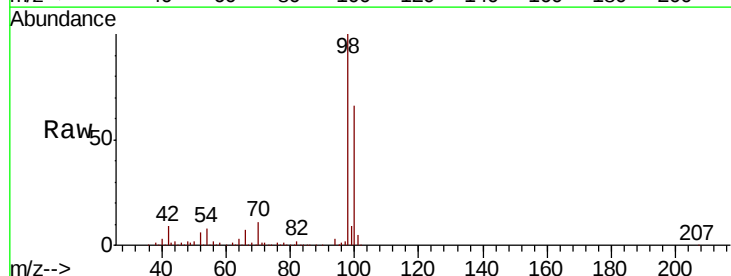
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

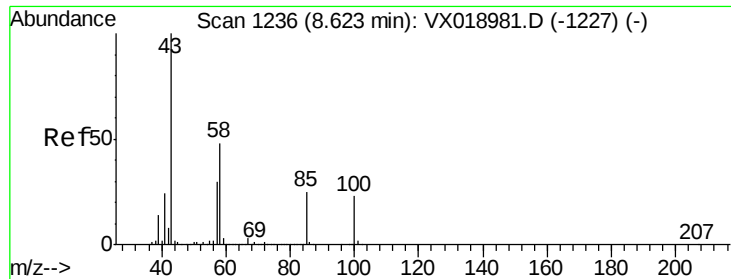
| Tot Ion | 88    | Resp  | 18335 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 26.2  | 20.4  | 30.6  |
| 58      | 63.7  | 49.3  | 73.9  |



#50  
Toluene-d8  
Concen: 17.917 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

| Tgt Ion | 98    | Resp  | 123162 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 64.9  | 52.6  | 78.8   |

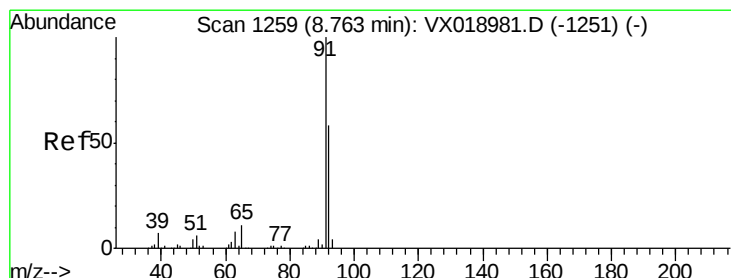
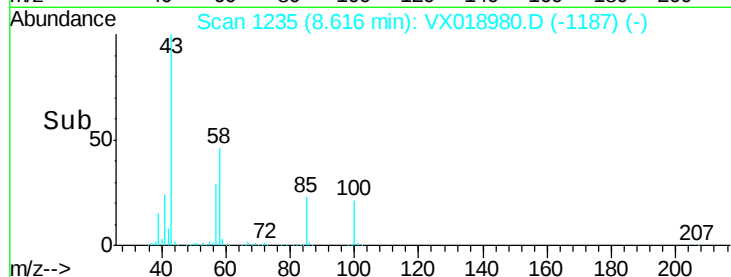
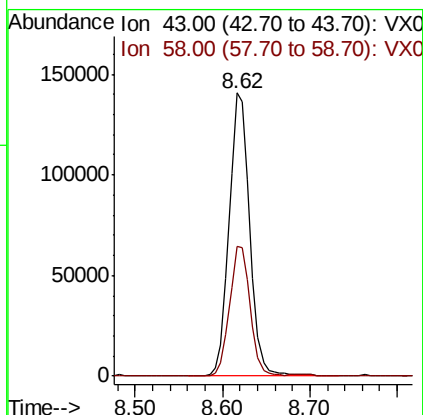
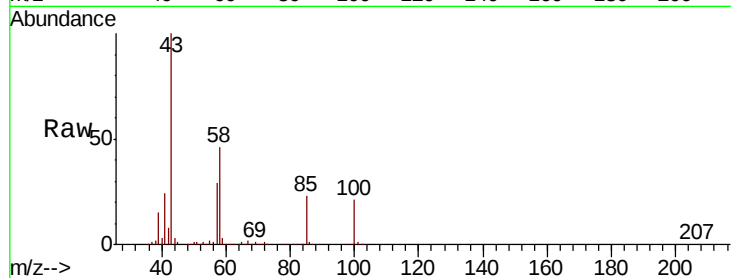




#51  
 4-Methyl-2-Pentanone  
 Concen: 102.508 ug/l  
 RT: 8.62 min Scan# 1235  
 Delta R.T. -0.01 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

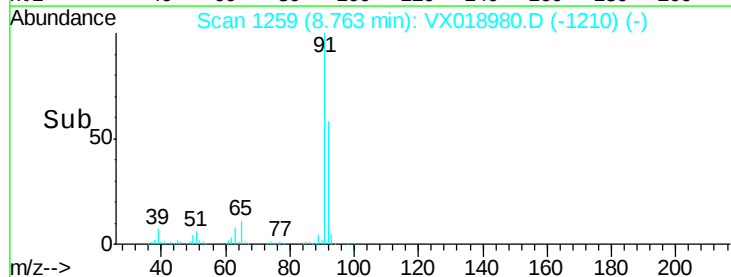
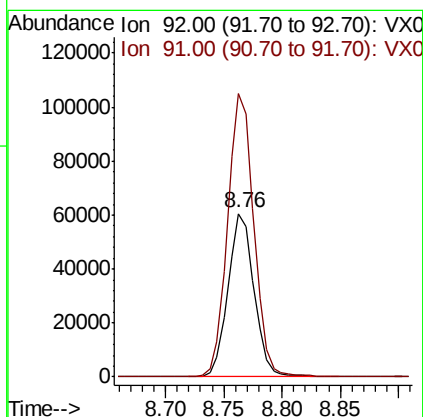
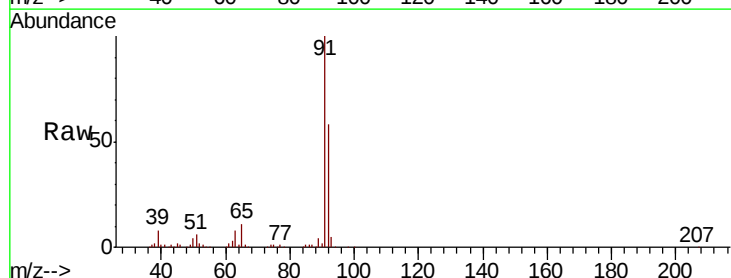
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

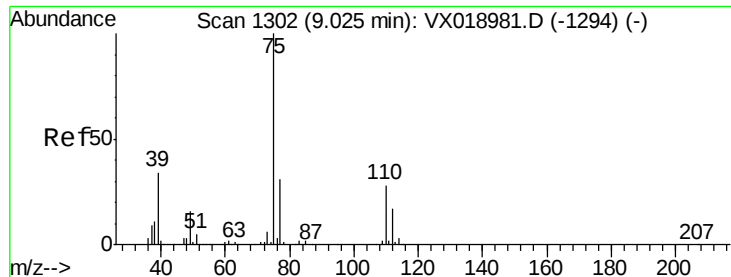
Tot Ion: 43 Resp: 230385  
 Ion Ratio Lower Upper  
 43 100  
 58 46.1 37.8 56.8



#52  
 Toluene  
 Concen: 19.372 ug/l  
 RT: 8.76 min Scan# 1259  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

Tgt Ion: 92 Resp: 94355  
 Ion Ratio Lower Upper  
 92 100  
 91 175.0 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 18.887 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

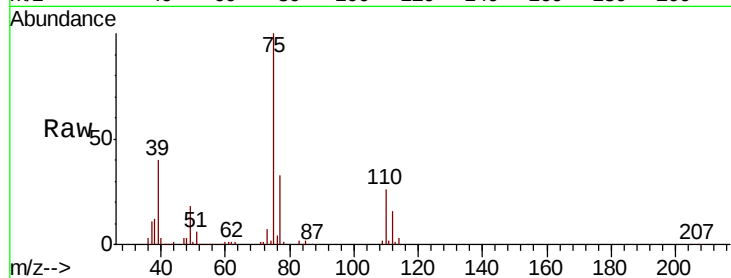
VSTDIC020

Tot Ion: 75 Resp: 57216

Ion Ratio Lower Upper

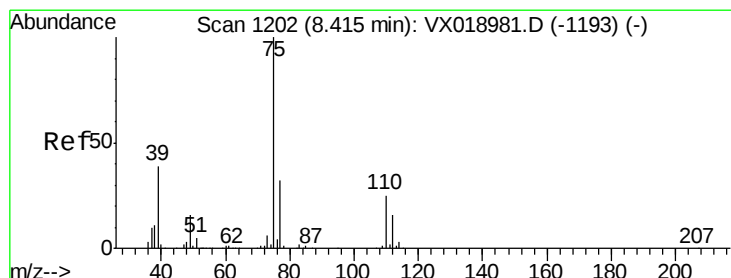
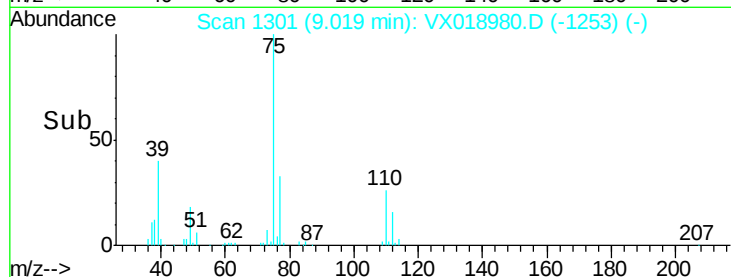
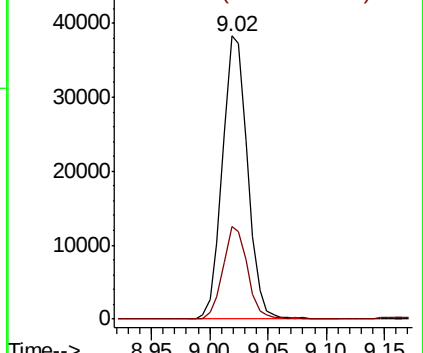
75 100

77 32.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.932 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

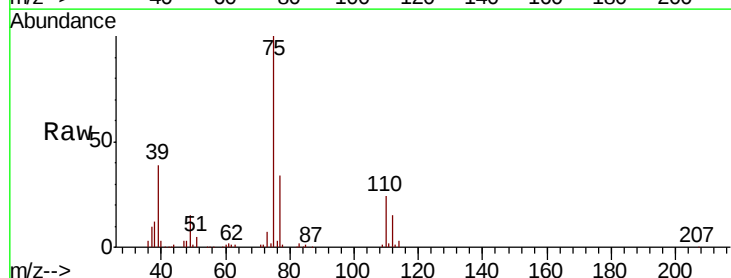
Tgt Ion: 75 Resp: 60494

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.0

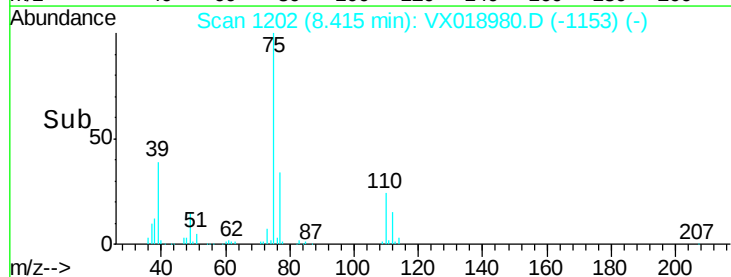
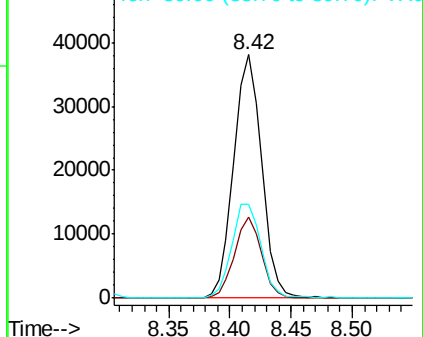
39 38.5 31.3 46.9

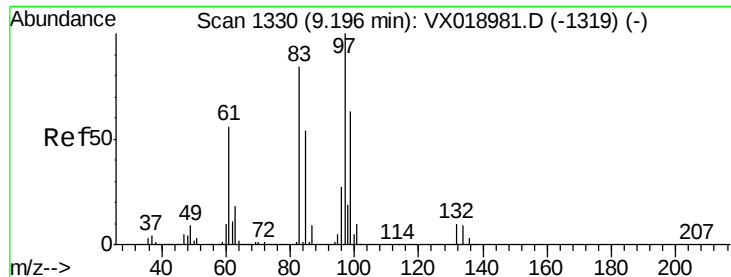


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.204 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 37476

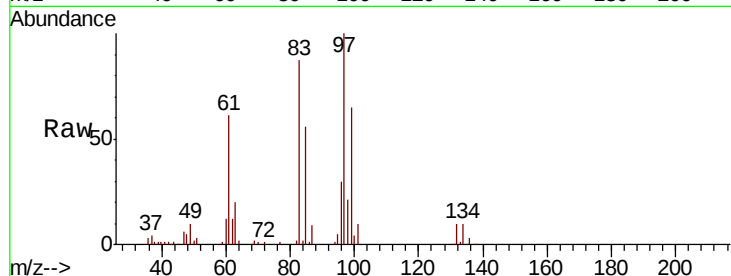
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.3  | 67.4  | 101.0 |
| 85  | 56.1  | 43.1  | 64.7  |
| 99  | 64.5  | 50.5  | 75.7  |

97 100

83 87.3 67.4 101.0

85 56.1 43.1 64.7

99 64.5 50.5 75.7

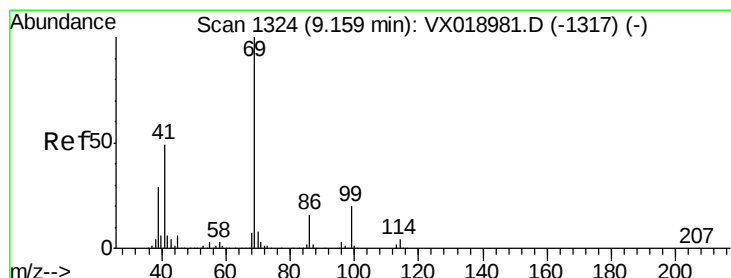
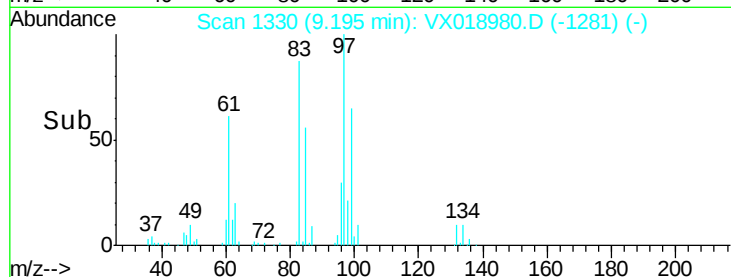
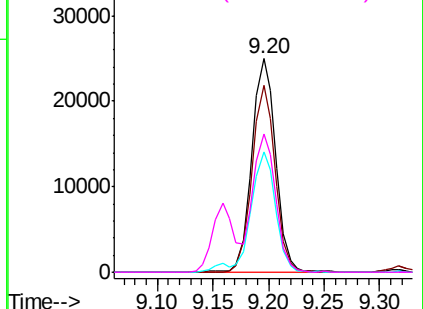


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.294 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

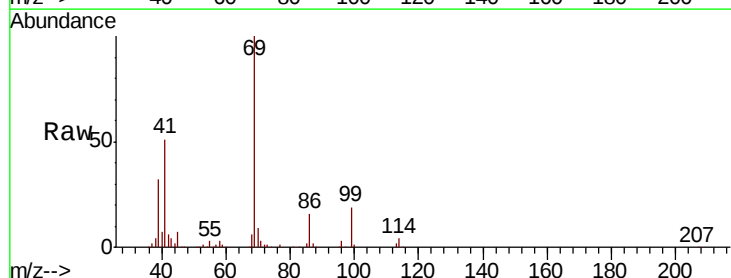
Tgt Ion: 69 Resp: 56489

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 53.2  | 39.8  | 59.6  |
| 39  | 33.2  | 23.8  | 35.6  |

69 100

41 53.2 39.8 59.6

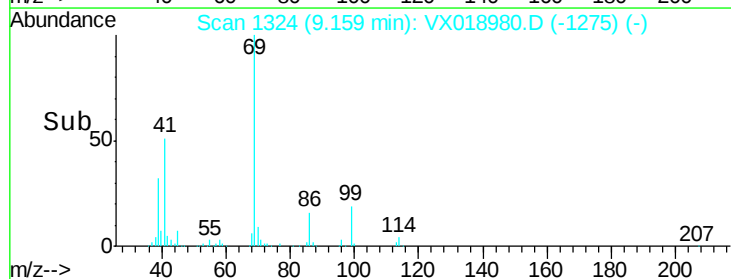
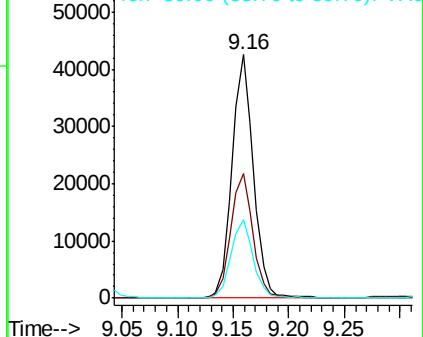
39 33.2 23.8 35.6

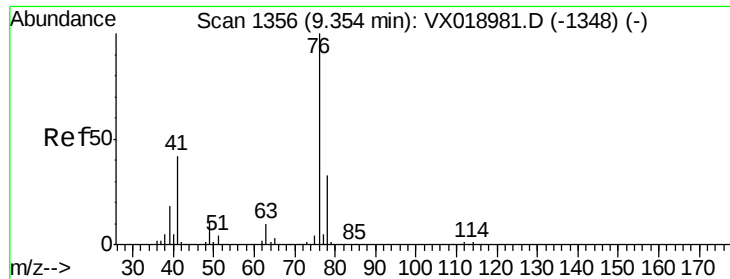


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.407 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

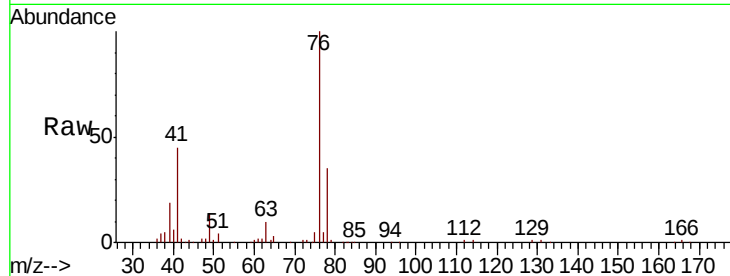
VSTDIC020

Tot Ion: 76 Resp: 62454

Ion Ratio Lower Upper

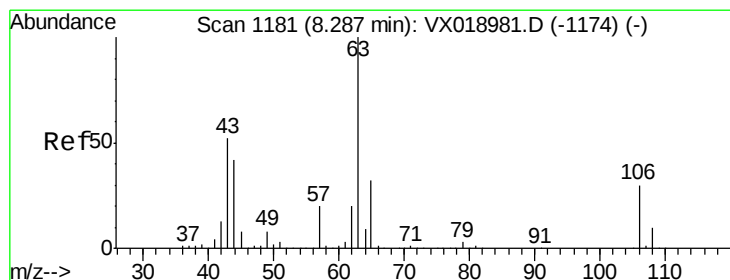
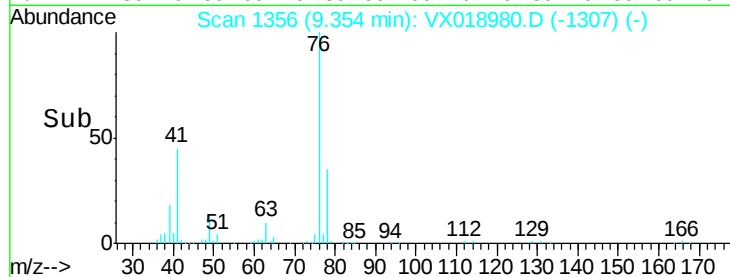
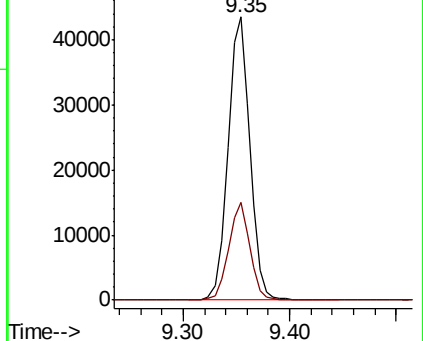
76 100

78 33.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.829 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX018980.D

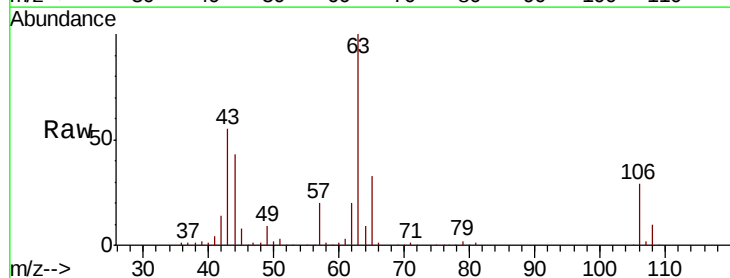
Acq: 20 Oct 2020 17:19

Tgt Ion: 63 Resp: 151019

Ion Ratio Lower Upper

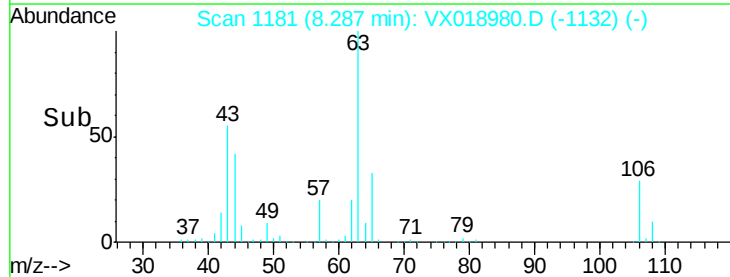
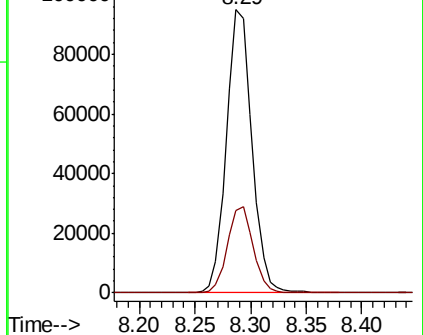
63 100

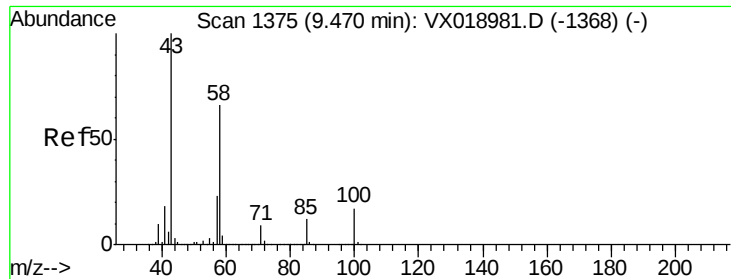
106 30.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

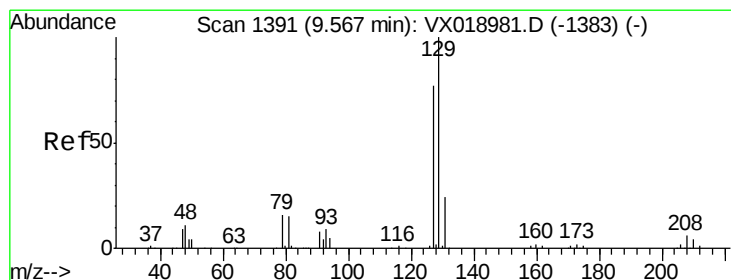
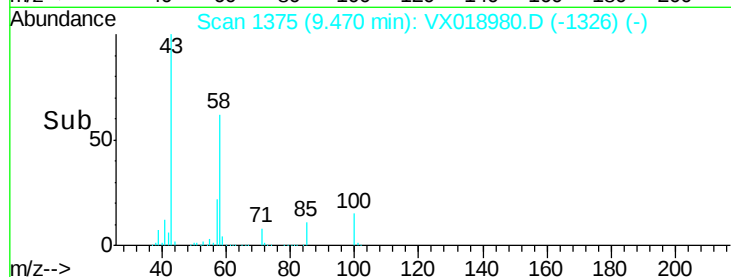
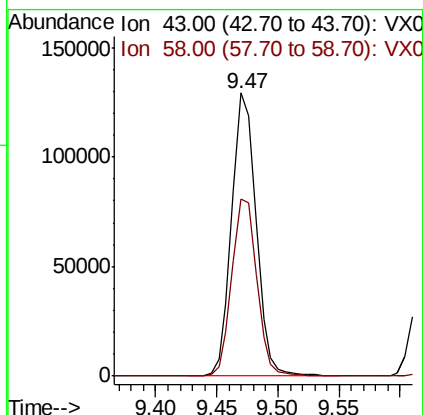
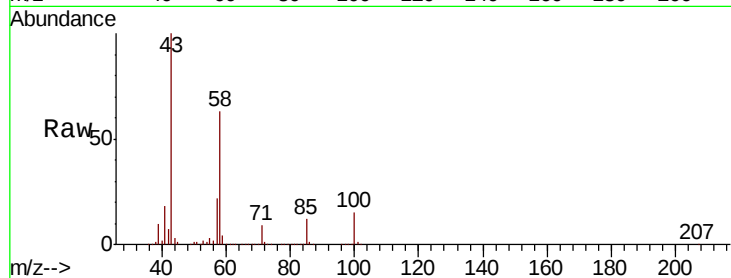




#59  
2-Hexanone  
Concen: 102.593 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

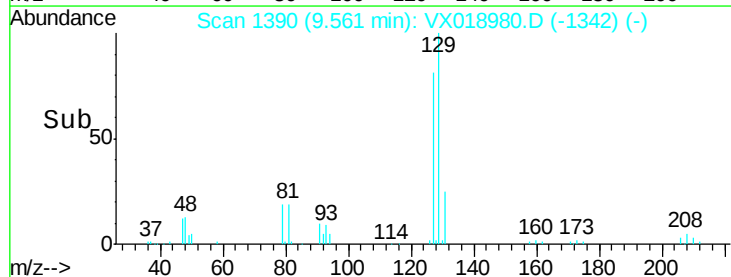
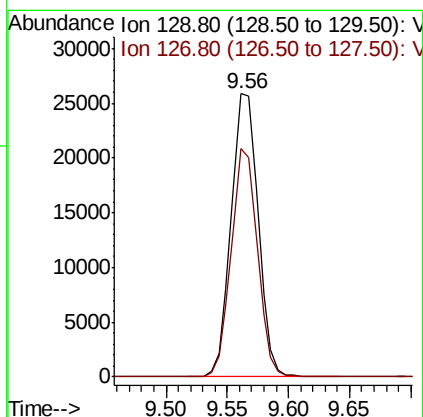
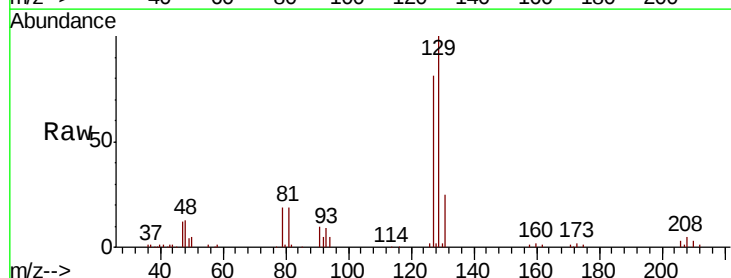
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

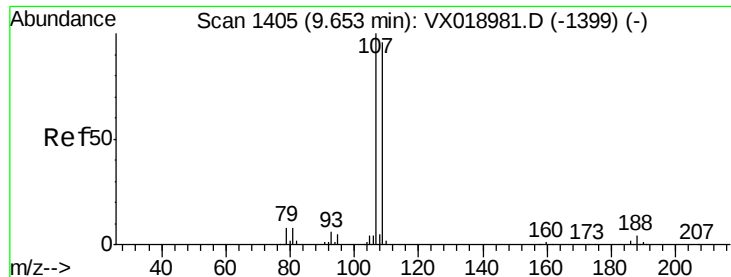
Tot Ion: 43 Resp: 178488  
Ion Ratio Lower Upper  
43 100  
58 64.5 33.0 99.0



#60  
Dibromochloromethane  
Concen: 18.051 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion: 129 Resp: 39527  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.100 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

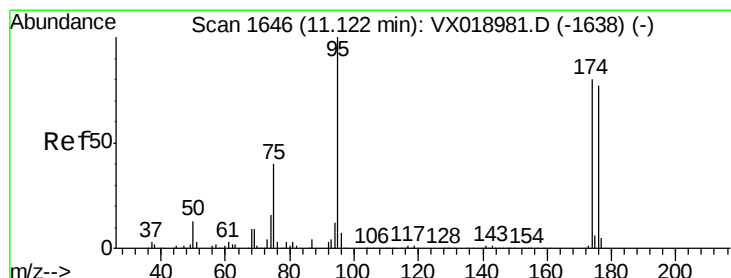
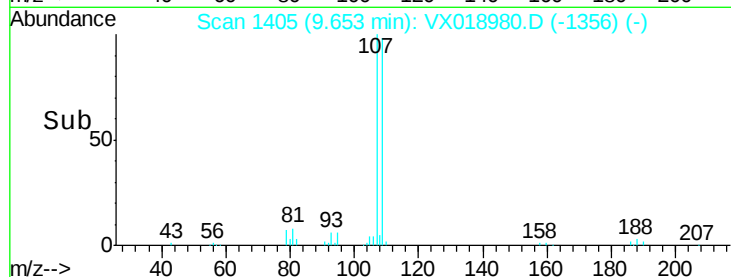
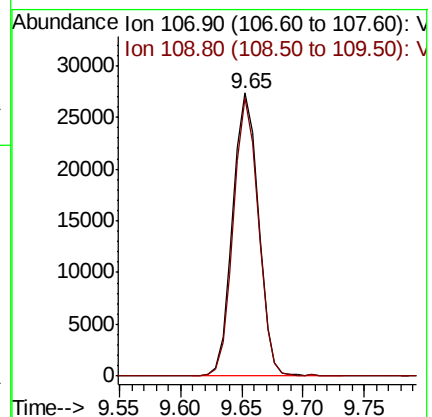
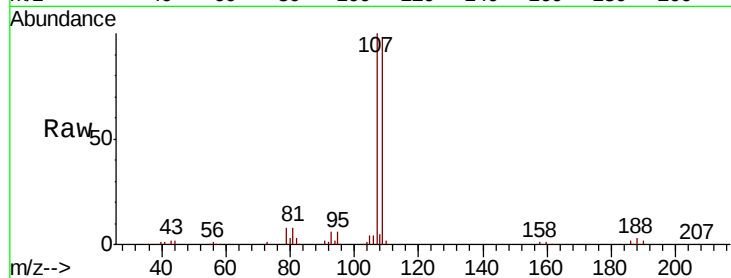
VSTDIC020

Tot Ion:107 Resp: 39939

Ion Ratio Lower Upper

107 100

109 94.8 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 18.009 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

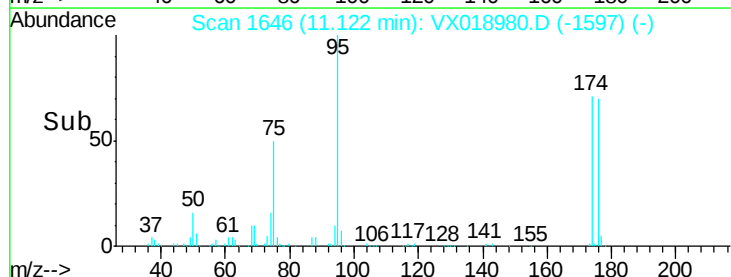
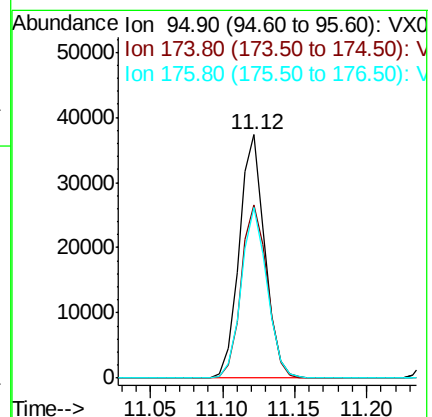
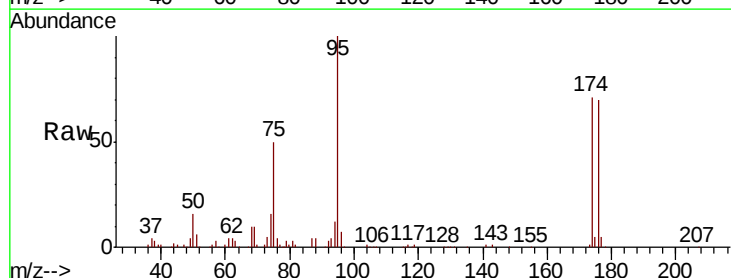
Tgt Ion: 95 Resp: 46313

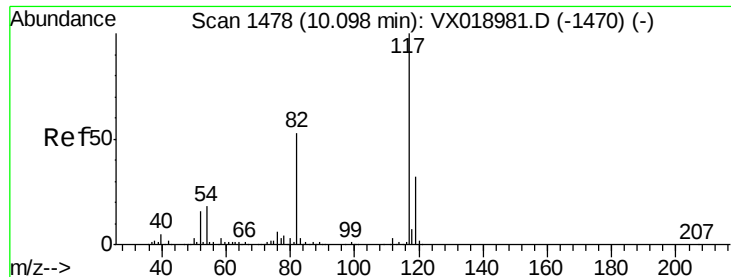
Ion Ratio Lower Upper

95 100

174 72.9 0.0 159.8

176 70.5 0.0 152.8

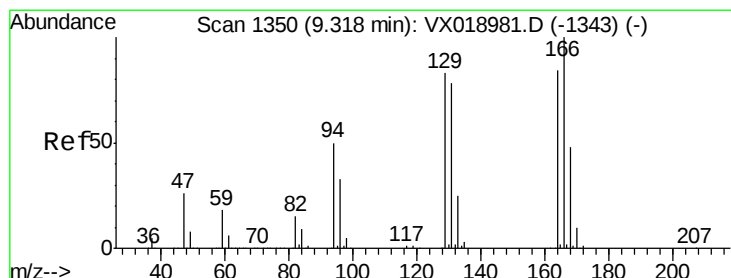
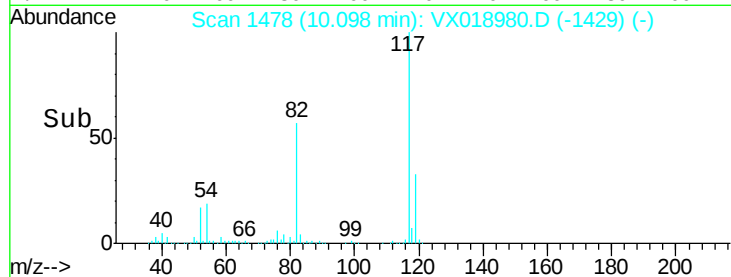
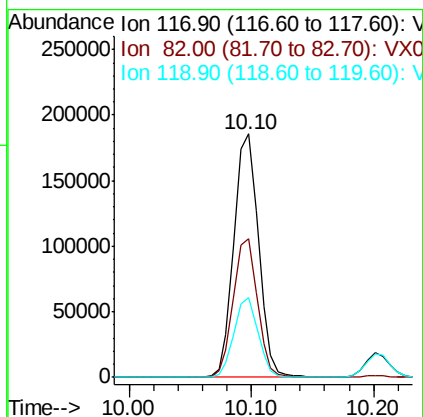
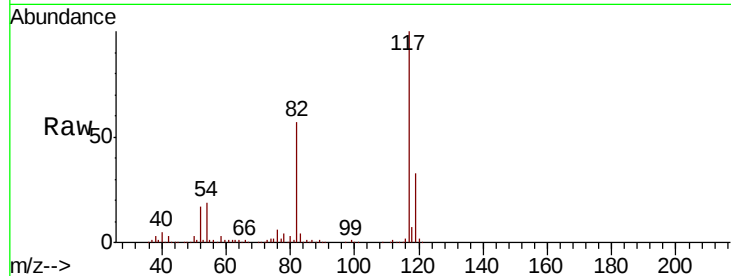




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

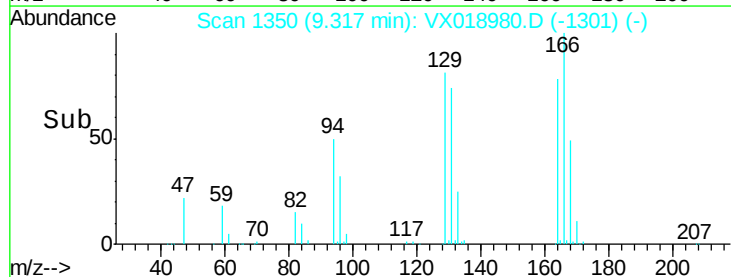
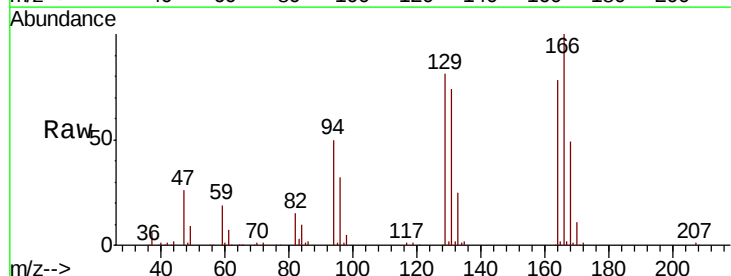
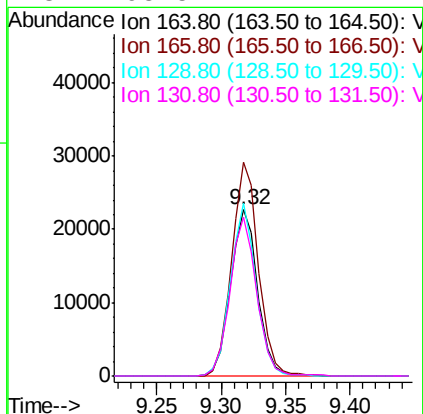
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

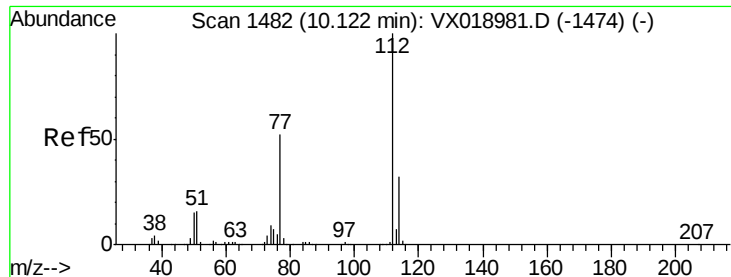
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.2  | 42.2  | 63.4  |
| 119     | 33.0  | 25.8  | 38.8  |



#64  
Tetrachloroethene  
Concen: 15.872 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.6 | 95.2  | 142.8 |
| 129     | 104.1 | 79.4  | 119.0 |
| 131     | 95.5  | 74.2  | 111.2 |

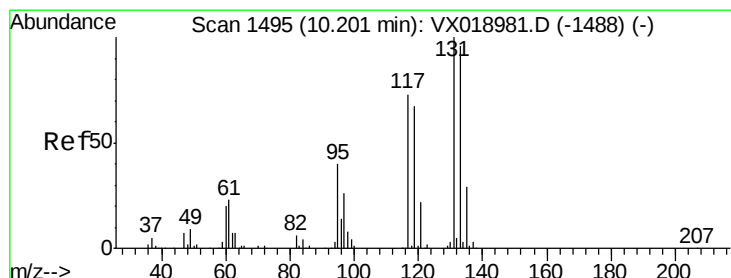
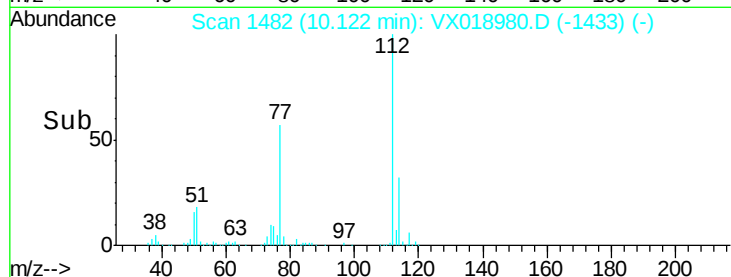
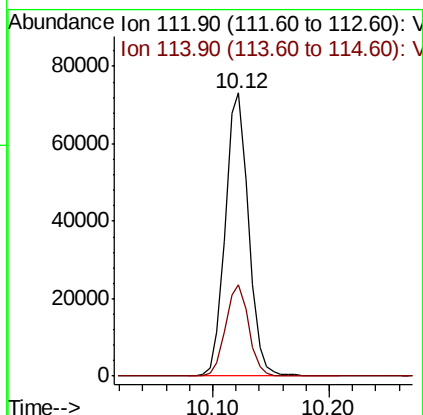
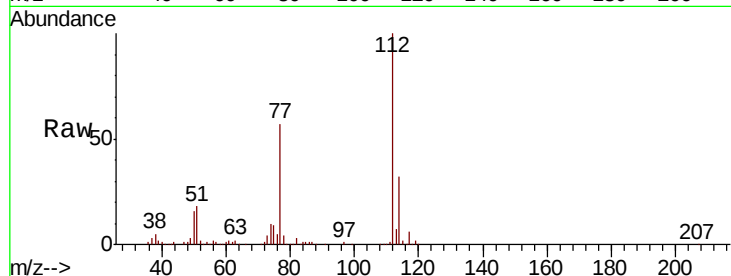




#65  
Chlorobenzene  
Concen: 18.525 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

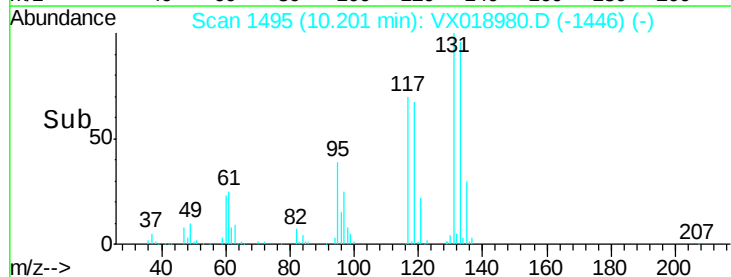
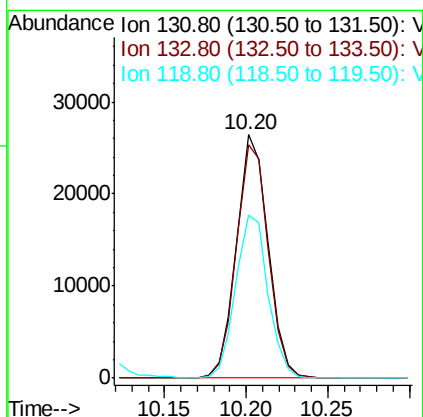
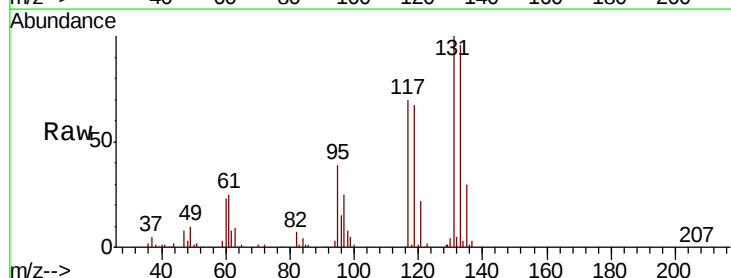
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

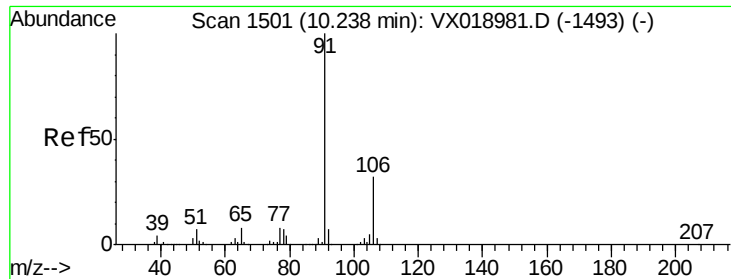
Tot Ion:112 Resp: 101232  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.037 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion:131 Resp: 35710  
Ion Ratio Lower Upper  
131 100  
133 97.2 48.0 144.2  
119 68.8 33.6 100.6

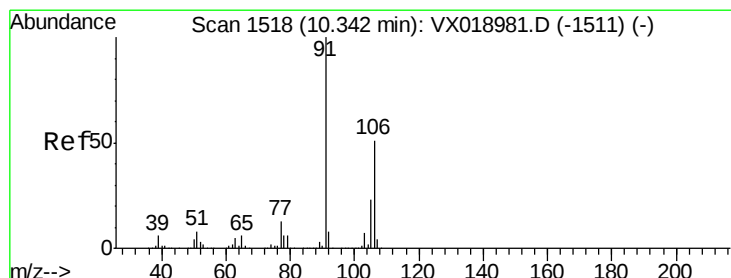
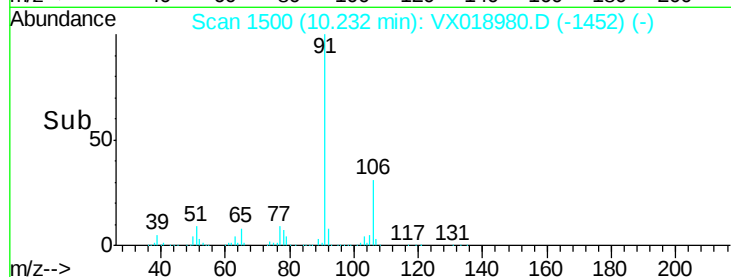
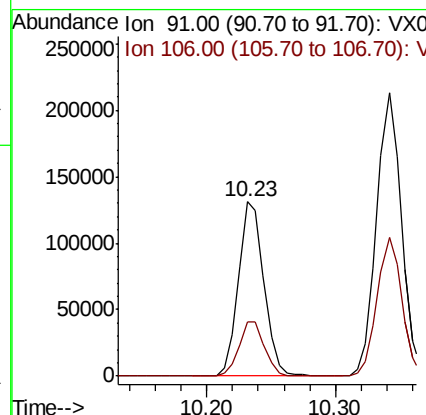
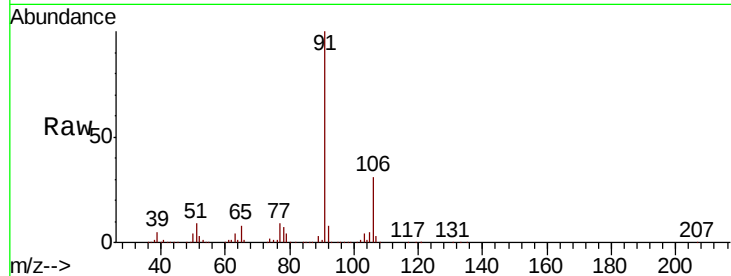




#67  
Ethyl Benzene  
Concen: 18.941 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

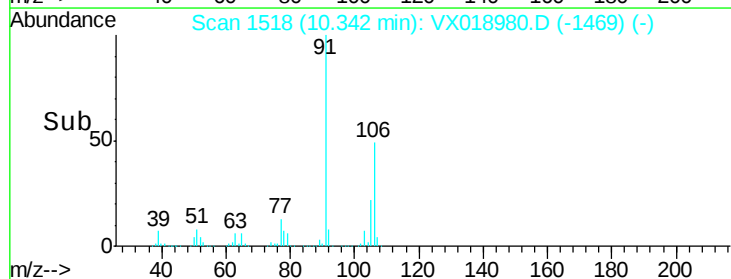
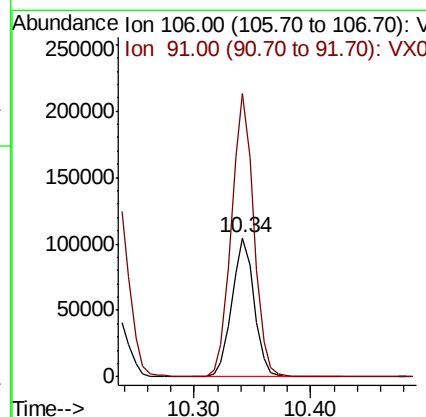
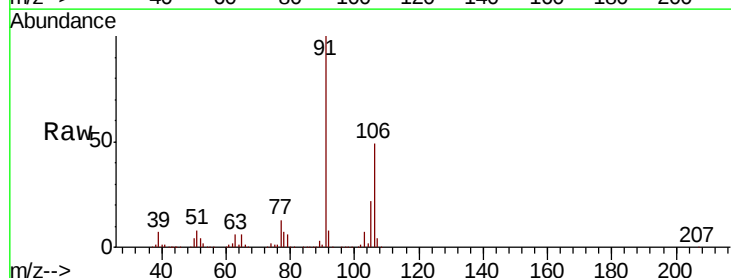
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

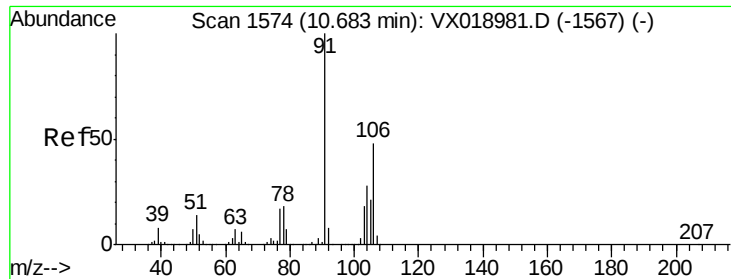
Tot Ion: 91 Resp: 181308  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.8 38.8



#68  
m/p-Xylenes  
Concen: 37.178 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion: 106 Resp: 138945  
Ion Ratio Lower Upper  
106 100  
91 203.8 157.9 236.9

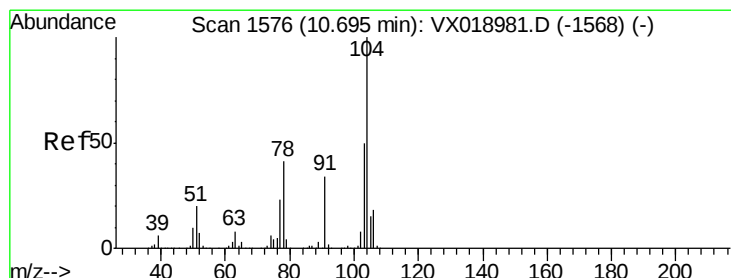
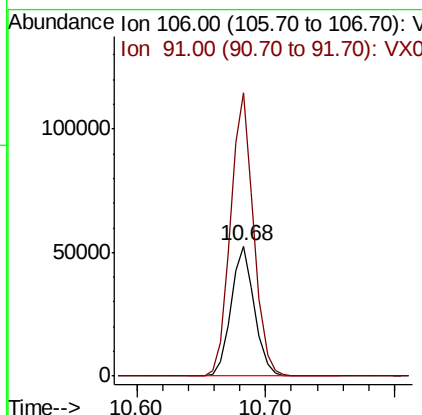
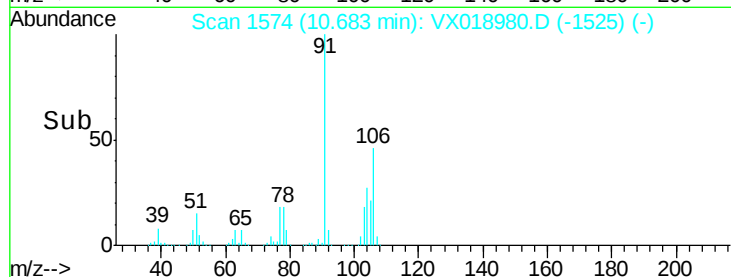
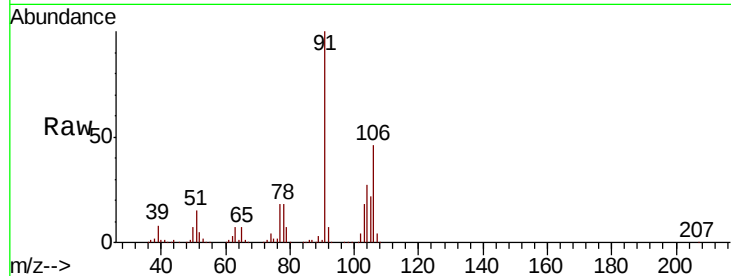




#69  
o-Xylene  
Concen: 18.803 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

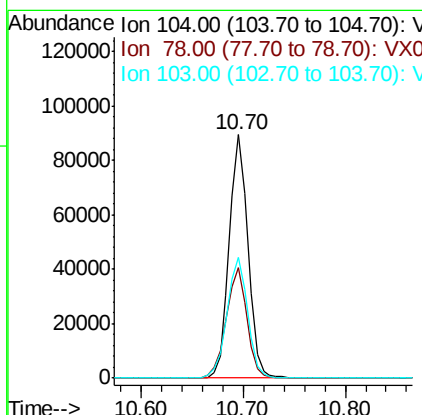
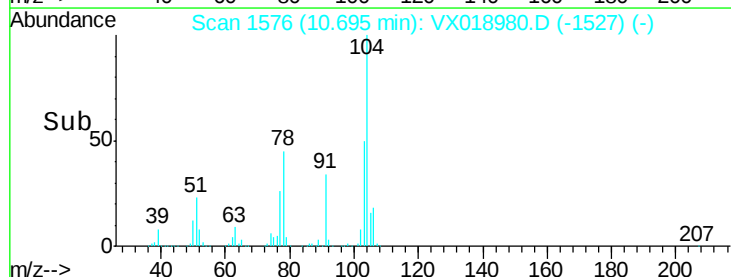
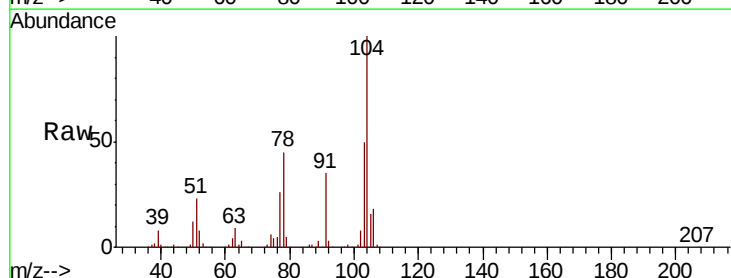
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

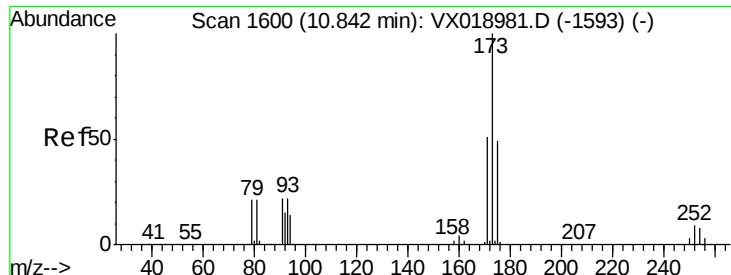
Tot Ion:106 Resp: 66489  
Ion Ratio Lower Upper  
106 100  
91 216.5 105.5 316.5



#70  
Styrene  
Concen: 18.867 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion:104 Resp: 113907  
Ion Ratio Lower Upper  
104 100  
78 49.9 37.4 56.0  
103 54.5 43.7 65.5





#71

Bromoform

Concen: 17.319 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

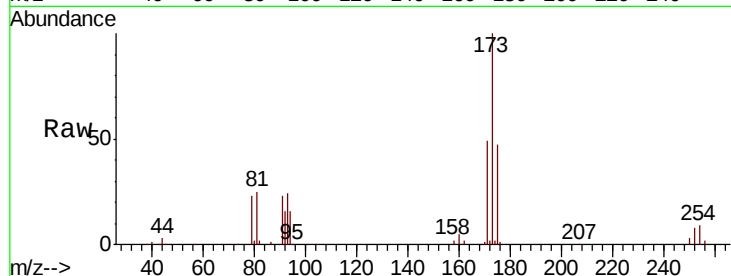
Tot Ion:173 Resp: 27780

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.4

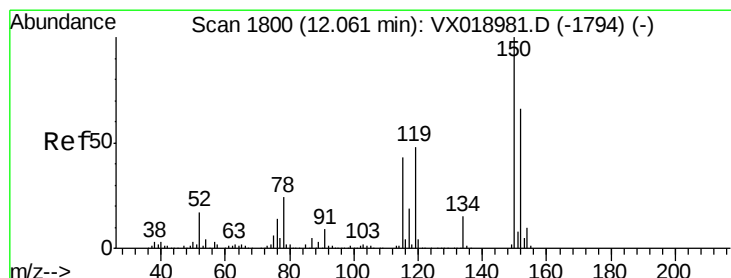
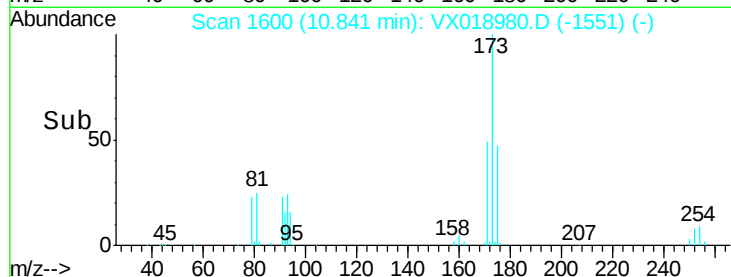
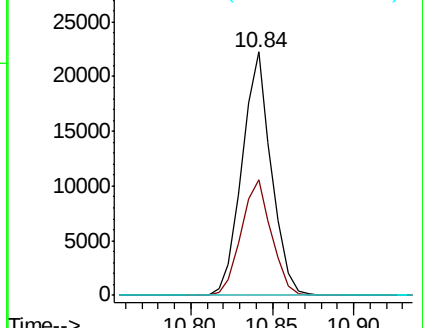
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

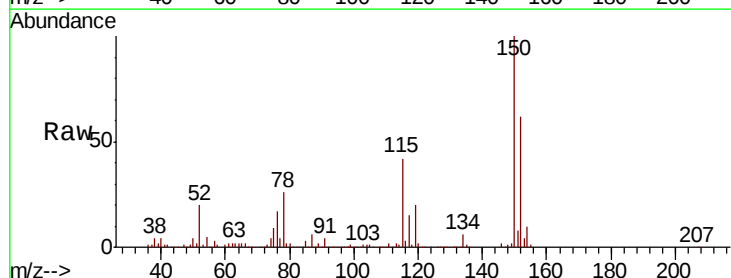
Tgt Ion:152 Resp: 129400

Ion Ratio Lower Upper

152 100

115 74.0 41.2 123.6

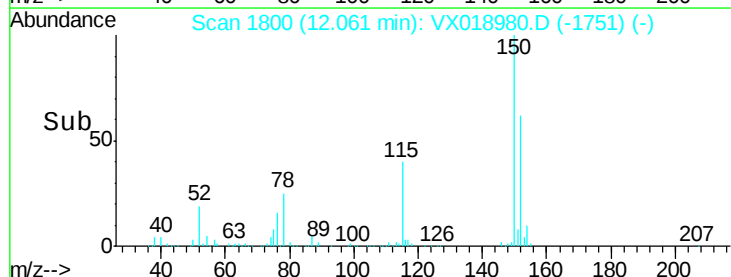
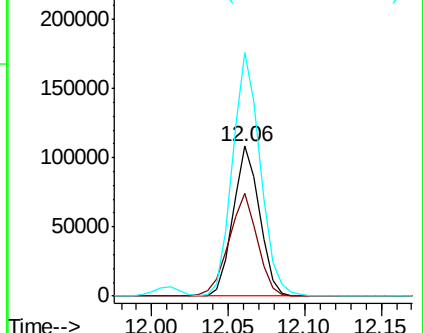
150 170.7 0.0 345.6

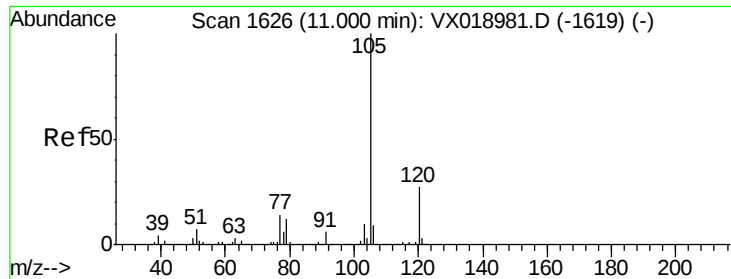


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.956 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

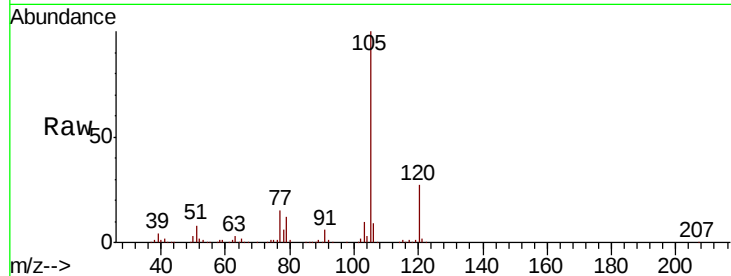
VSTDIC020

Tot Ion:105 Resp: 181013

Ion Ratio Lower Upper

105 100

120 26.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

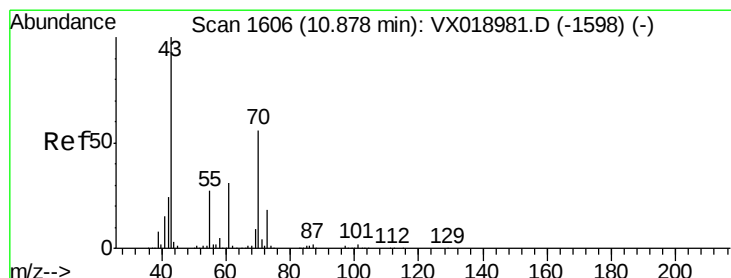
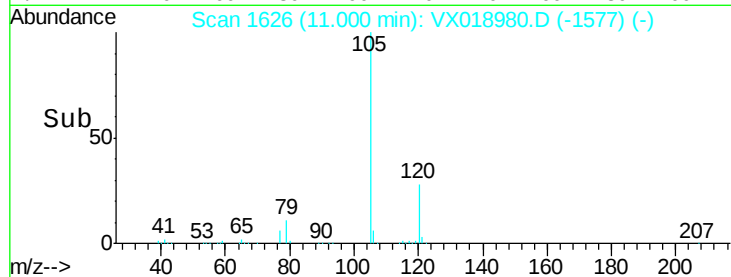
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.087 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Tgt Ion: 43 Resp: 59672

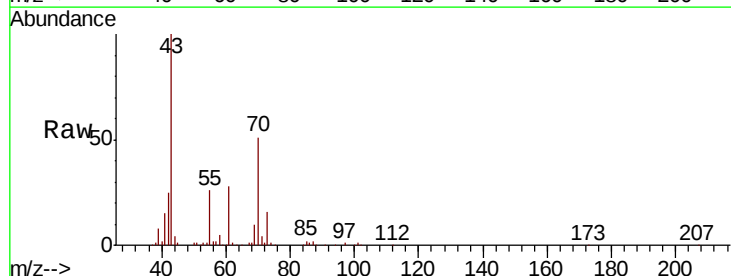
Ion Ratio Lower Upper

43 100

70 53.7 45.9 68.9

55 27.3 21.9 32.9

61 28.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

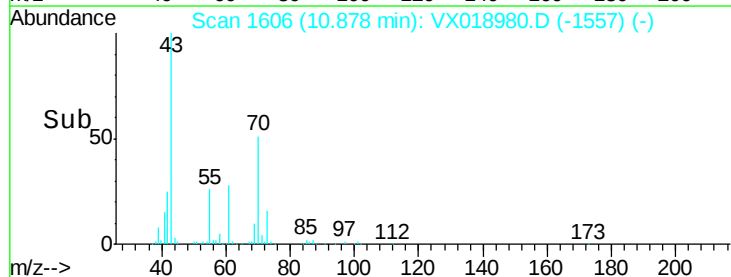
0

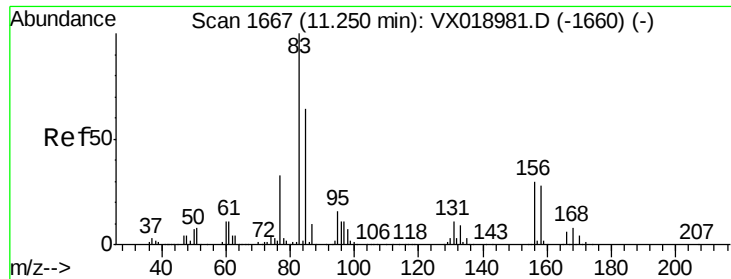
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.497 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

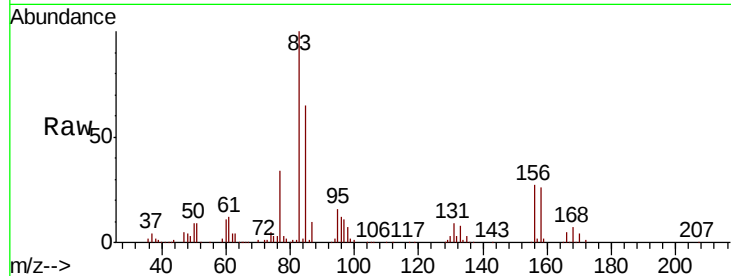
Tot Ion: 83 Resp: 62437

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

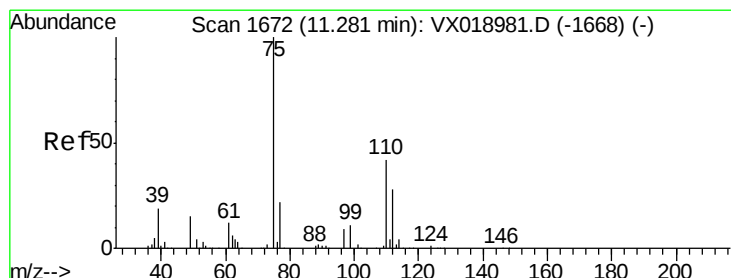
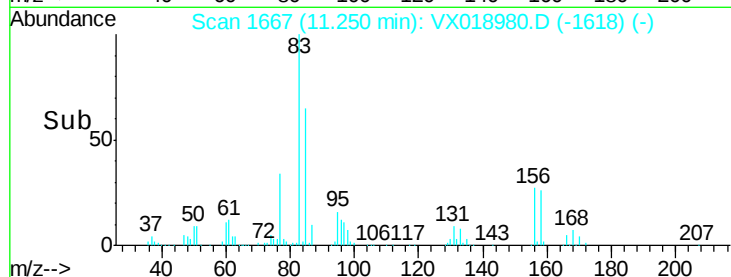
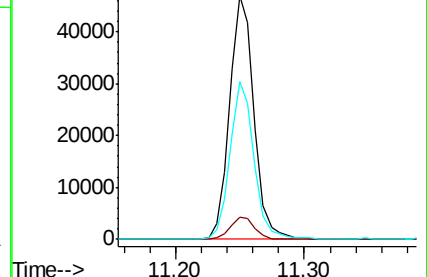
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.755 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018980.D

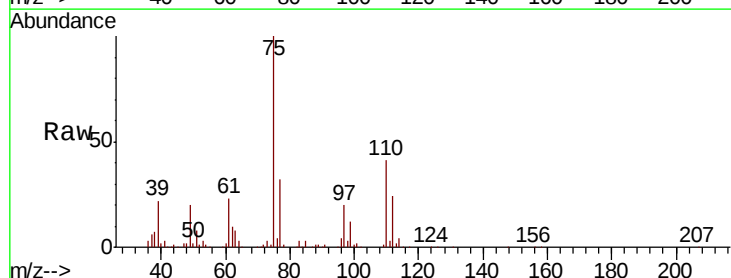
Acq: 20 Oct 2020 17:19

Tgt Ion: 75 Resp: 70316

Ion Ratio Lower Upper

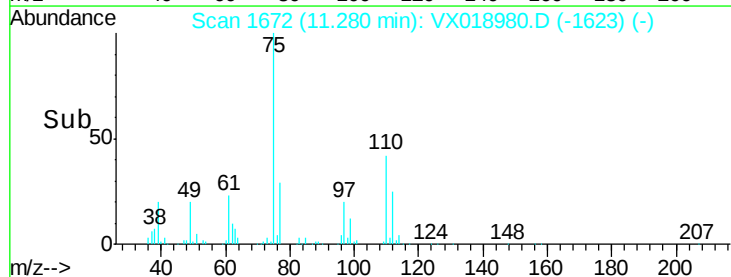
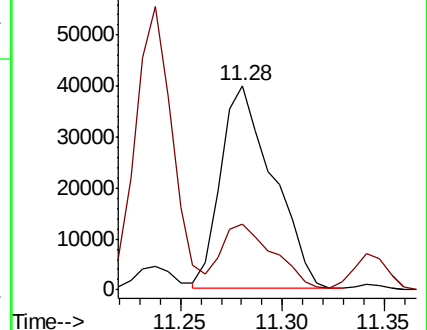
75 100

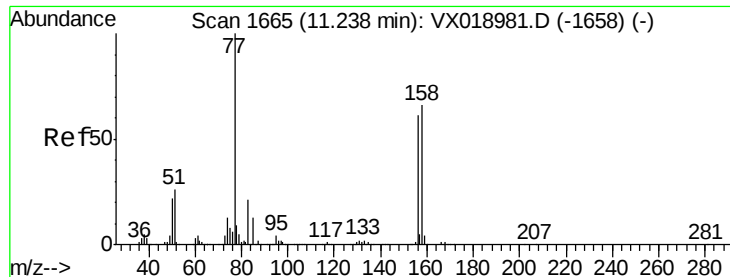
77 32.8 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.692 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

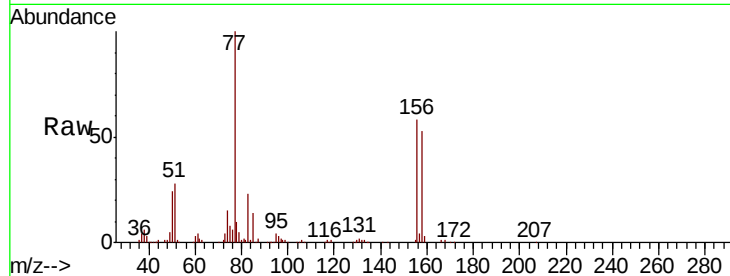
Tot Ion:156 Resp: 42147

Ion Ratio Lower Upper

156 100

77 167.4 78.5 235.3

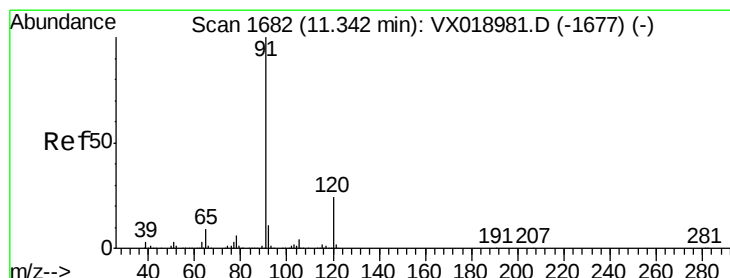
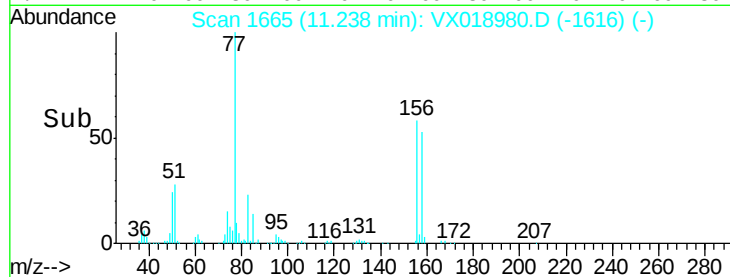
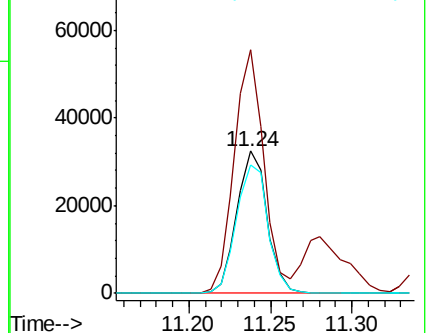
158 94.4 50.2 150.6



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: 19.846 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018980.D

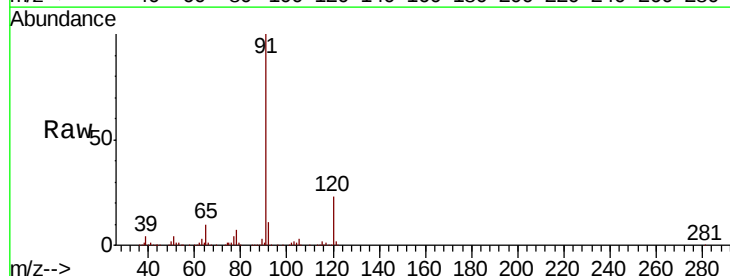
Acq: 20 Oct 2020 17:19

Tgt Ion: 91 Resp: 207185

Ion Ratio Lower Upper

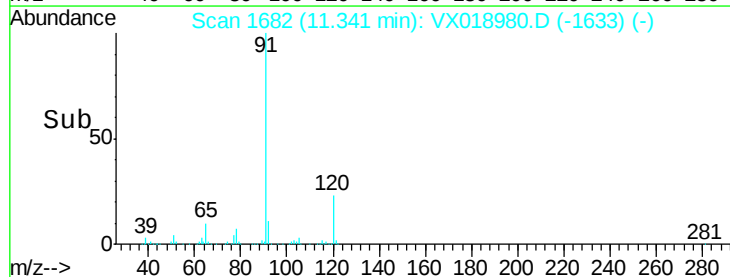
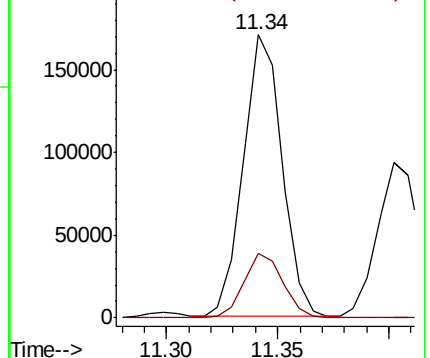
91 100

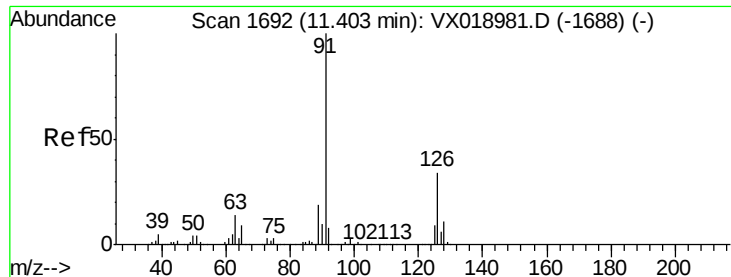
120 23.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.877 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

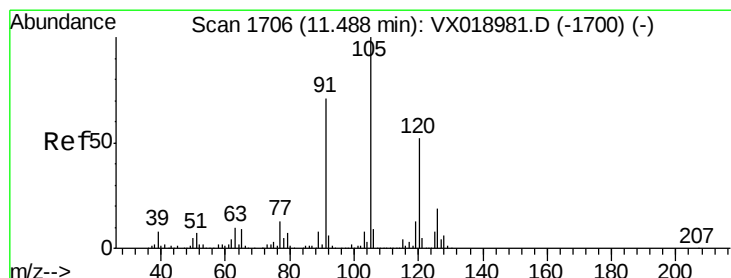
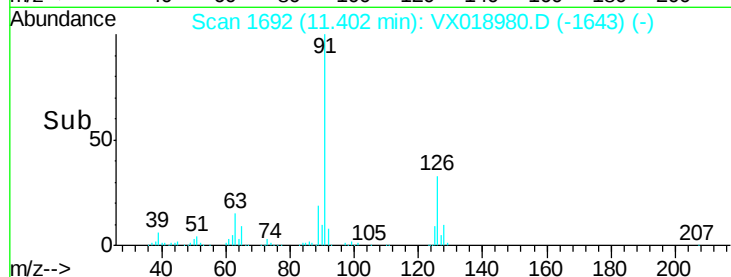
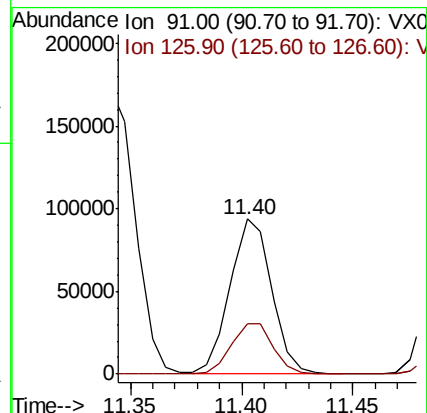
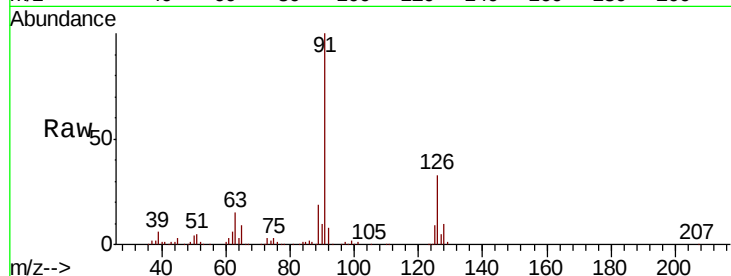
VSTDIC020

Tot Ion: 91 Resp: 121379

Ion Ratio Lower Upper

91 100

126 33.7 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 19.904 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018980.D

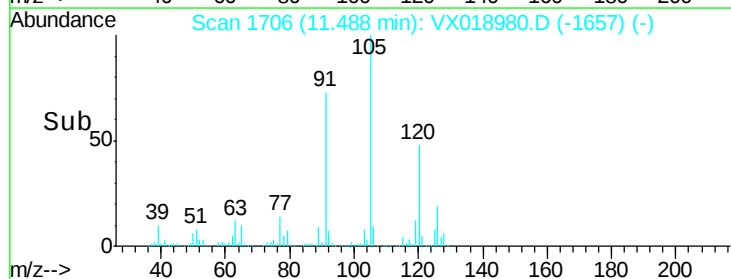
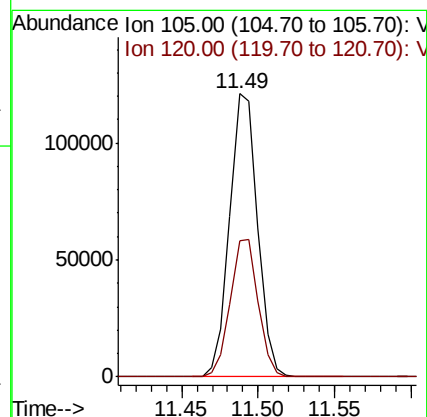
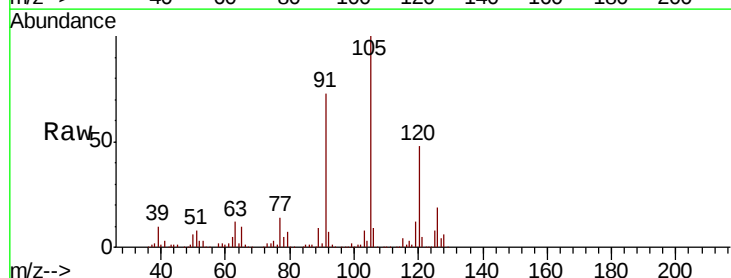
Acq: 20 Oct 2020 17:19

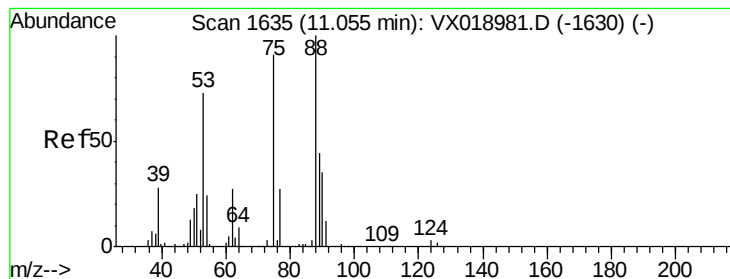
Tgt Ion: 105 Resp: 153235

Ion Ratio Lower Upper

105 100

120 48.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.625 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

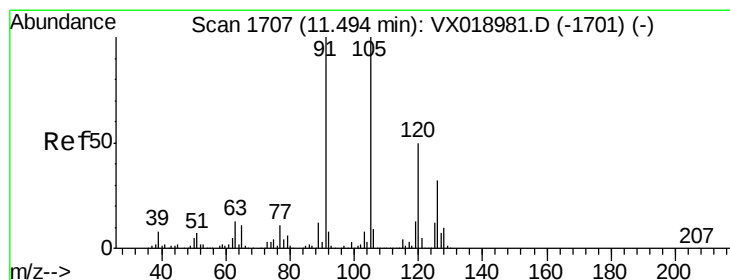
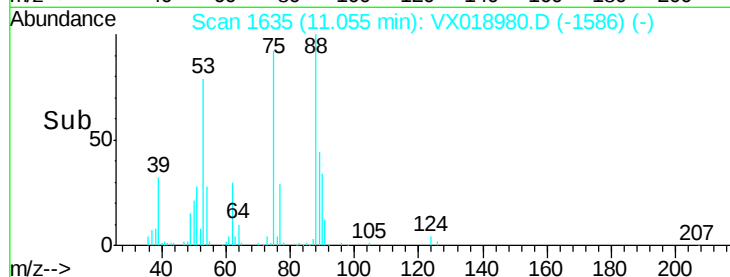
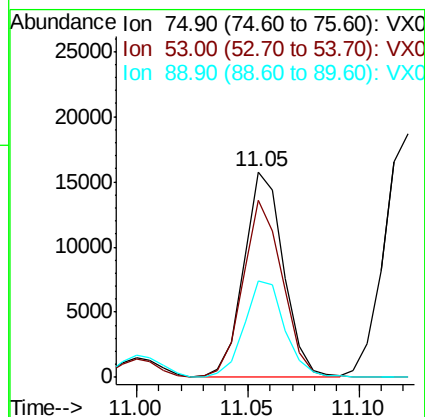
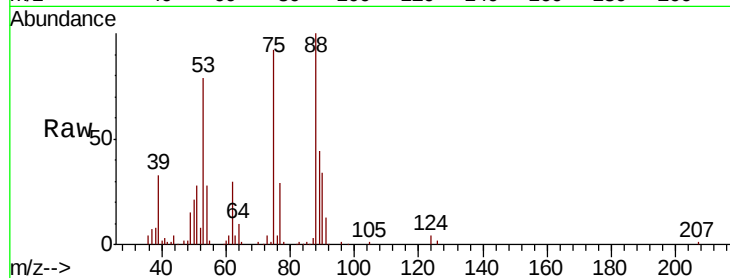
Tot Ion: 75 Resp: 19687

Ion Ratio Lower Upper

75 100

53 85.2 63.9 95.9

89 48.0 39.9 59.9



#82

4-Chlorotoluene

Concen: 20.351 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018980.D

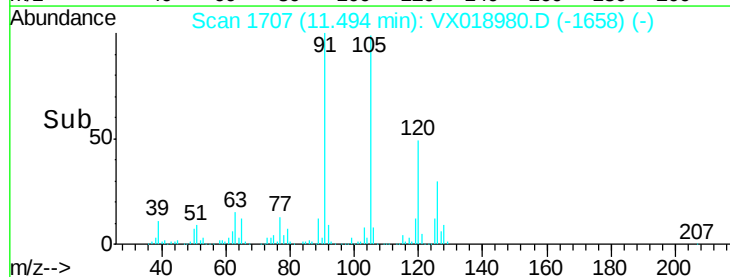
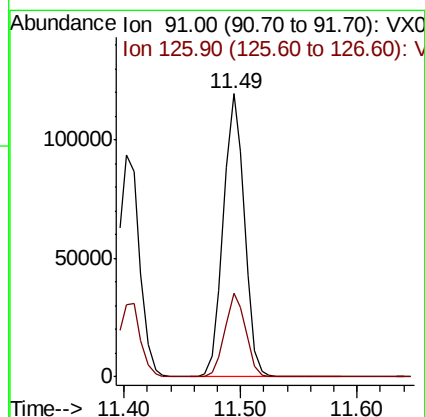
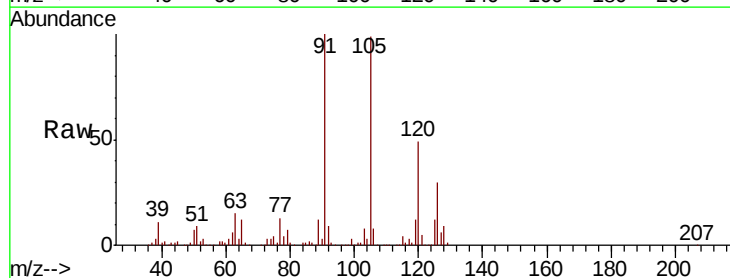
Acq: 20 Oct 2020 17:19

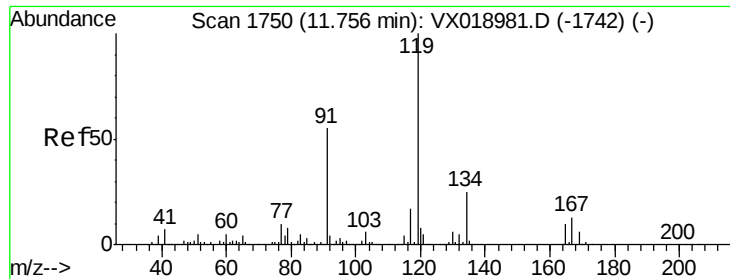
Tgt Ion: 91 Resp: 148877

Ion Ratio Lower Upper

91 100

126 29.5 15.9 47.6

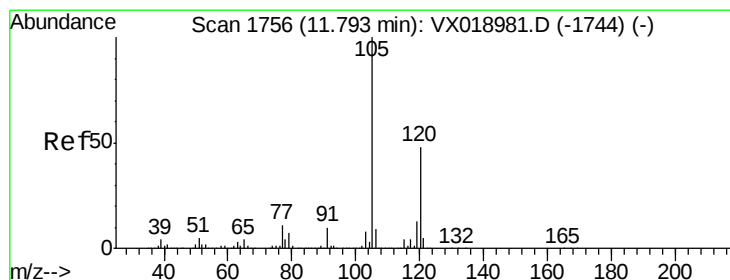
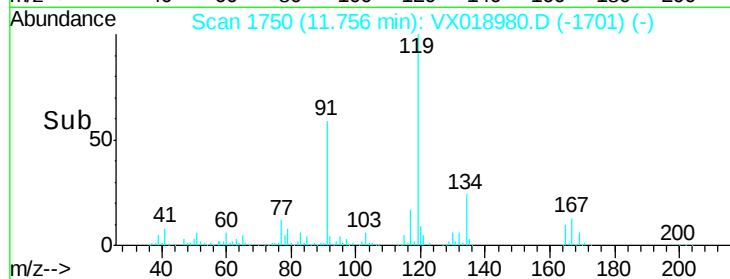
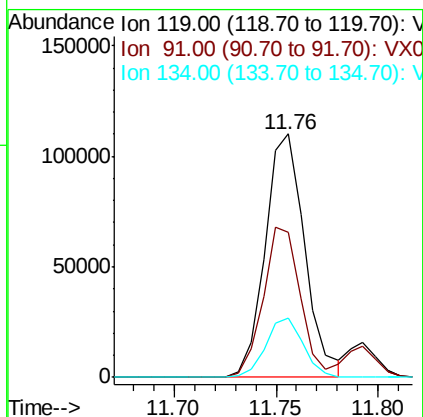
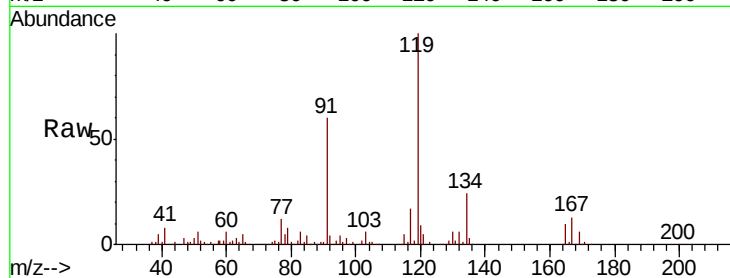




#83  
tert-Butylbenzene  
Concen: 19.753 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

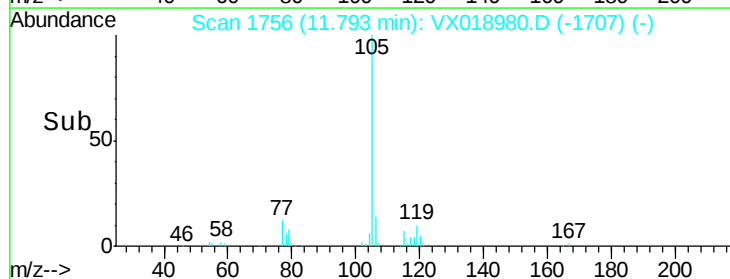
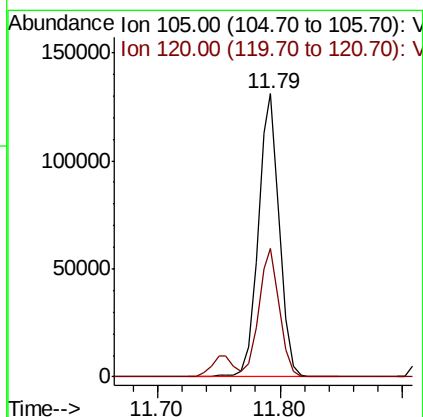
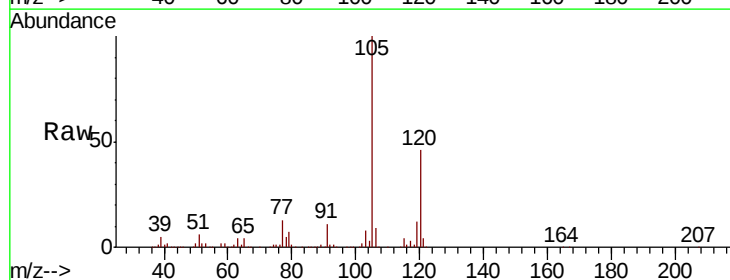
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

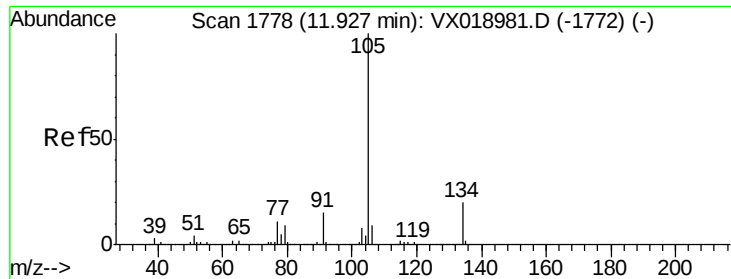
Tot Ion:119 Resp: 148832  
Ion Ratio Lower Upper  
119 100  
91 57.9 27.5 82.4  
134 22.9 11.9 35.7



#84  
1,2,4-Trimethylbenzene  
Concen: 20.300 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Tgt Ion:105 Resp: 157031  
Ion Ratio Lower Upper  
105 100  
120 44.6 23.3 69.8

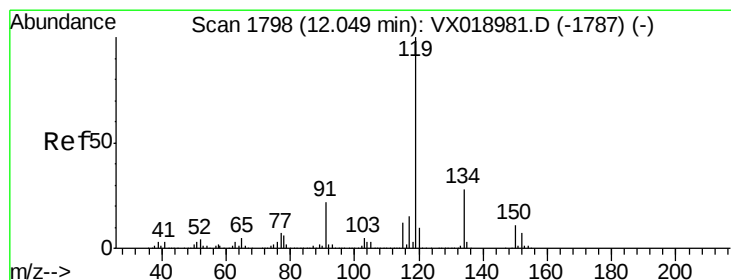
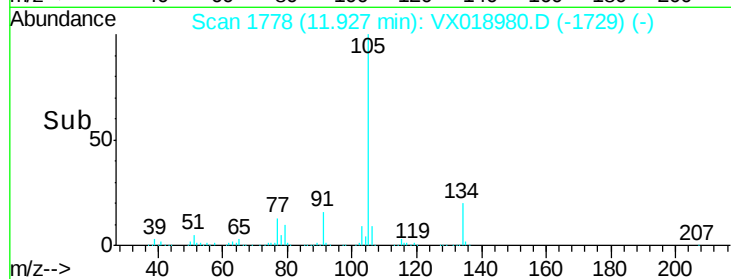
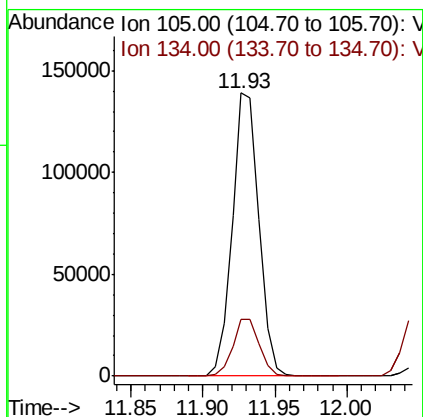
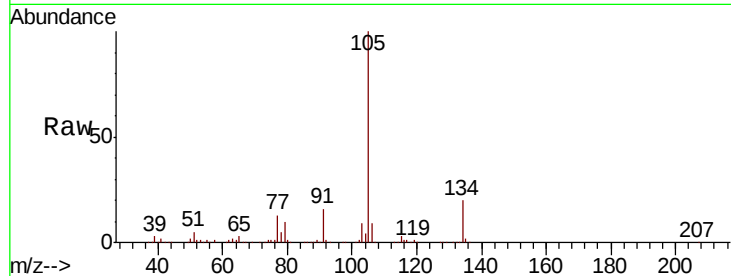




#85  
 sec-Butylbenzene  
 Concen: 19.891 ug/l  
 RT: 11.93 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

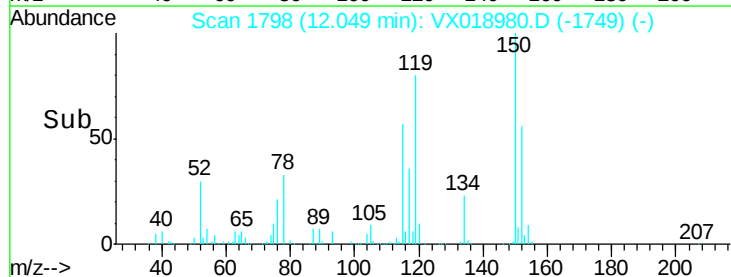
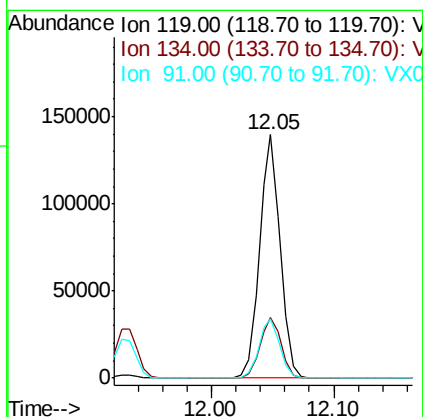
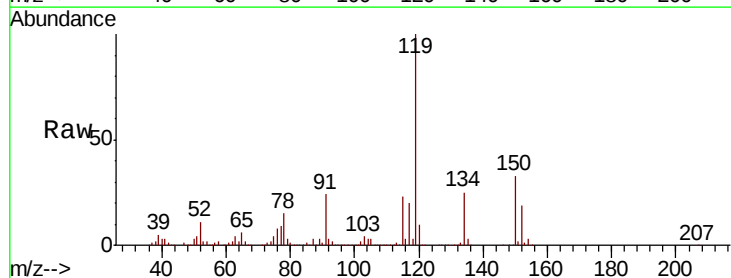
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

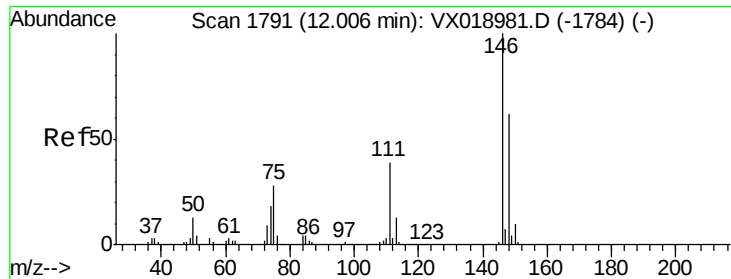
Tot Ion:105 Resp: 179755  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.5 31.6



#86  
 p-Isopropyltoluene  
 Concen: 19.664 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

Tgt Ion:119 Resp: 163984  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.5 40.5  
 91 24.9 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.253 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

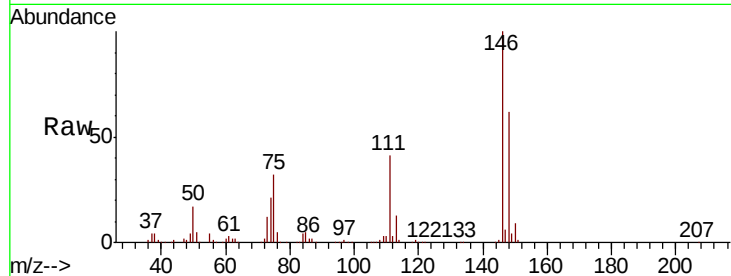
Tot Ion:146 Resp: 80686

Ion Ratio Lower Upper

146 100

111 41.4 19.8 59.4

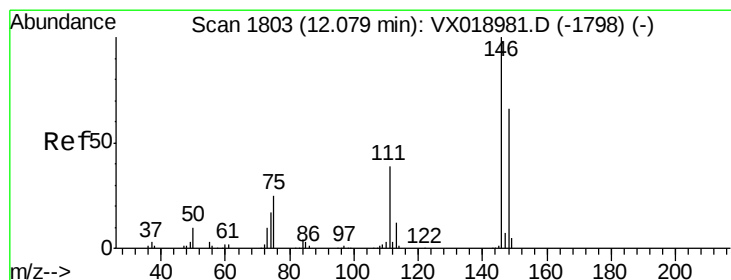
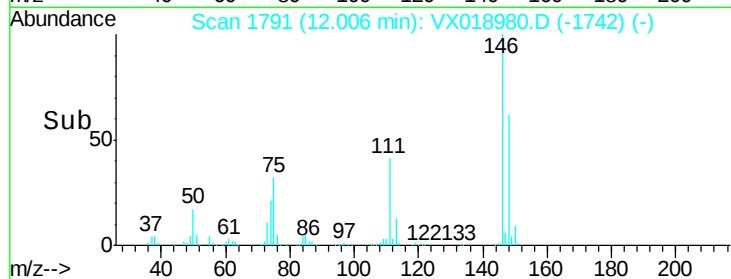
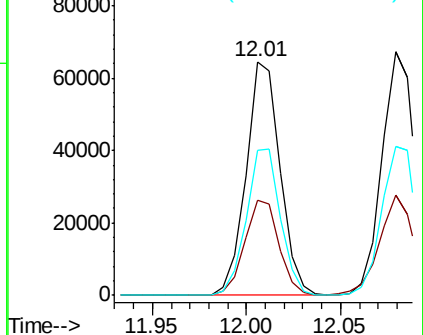
148 63.0 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 19.354 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

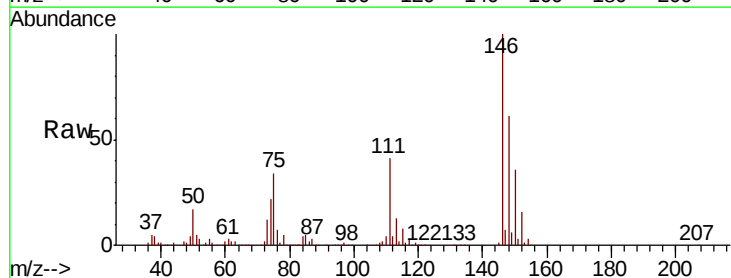
Tgt Ion:146 Resp: 83626

Ion Ratio Lower Upper

146 100

111 42.5 19.3 57.9

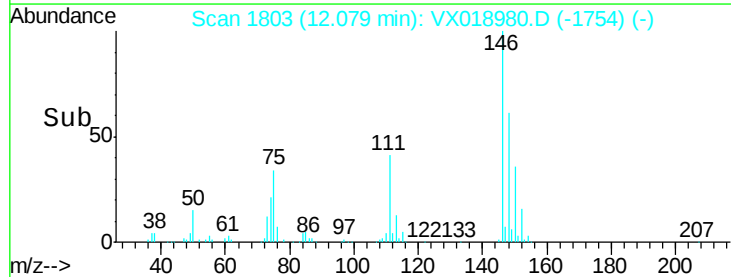
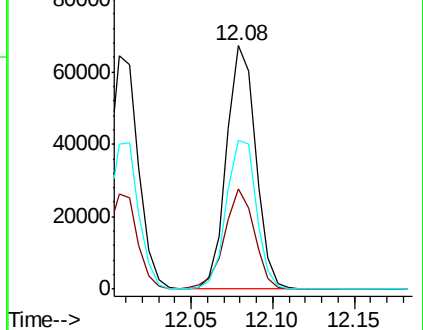
148 63.5 32.6 98.0

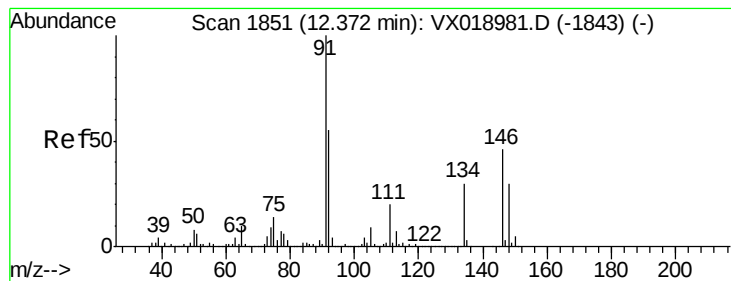


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.509 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

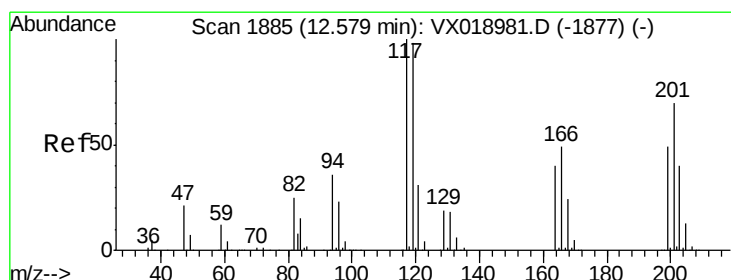
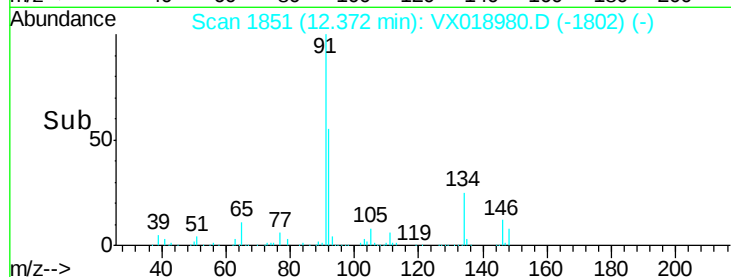
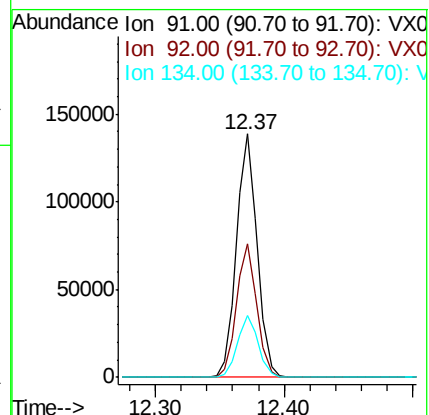
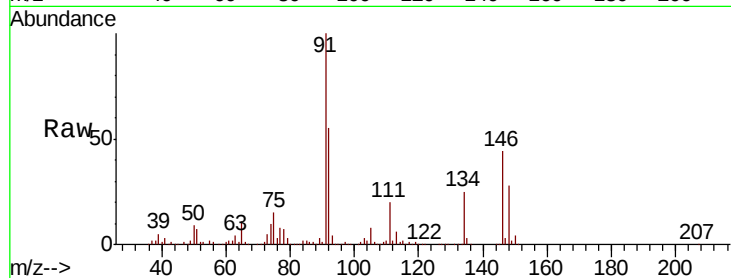
Tot Ion: 91 Resp: 156102

Ion Ratio Lower Upper

91 100

92 54.1 27.2 81.6

134 25.3 14.2 42.8



#90

Hexachloroethane

Concen: 18.902 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018980.D

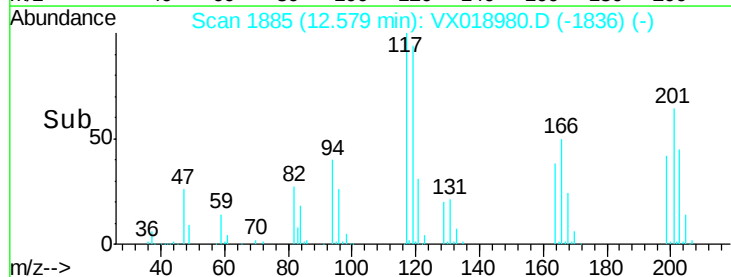
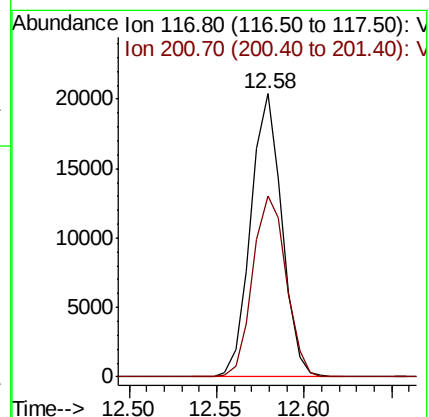
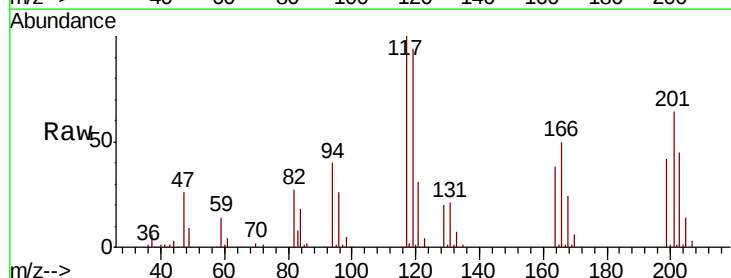
Acq: 20 Oct 2020 17:19

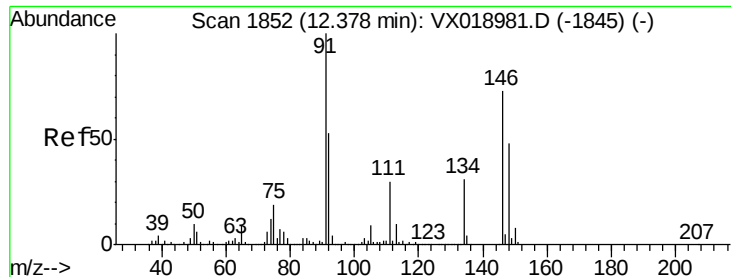
Tgt Ion: 117 Resp: 25208

Ion Ratio Lower Upper

117 100

201 68.7 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 19.407 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

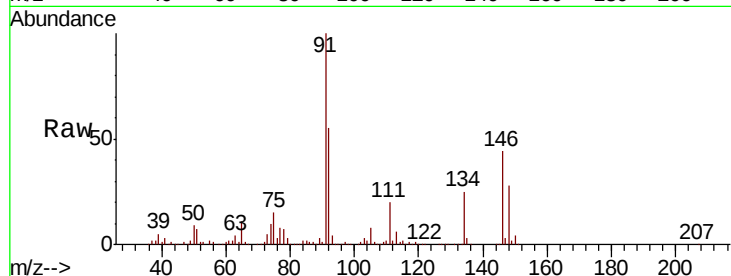
Tot Ion:146 Resp: 78626

Ion Ratio Lower Upper

146 100

111 43.8 20.8 62.5

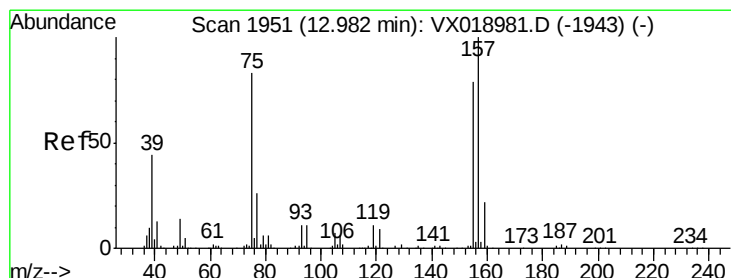
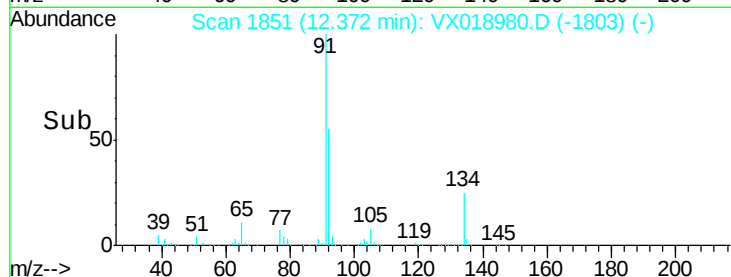
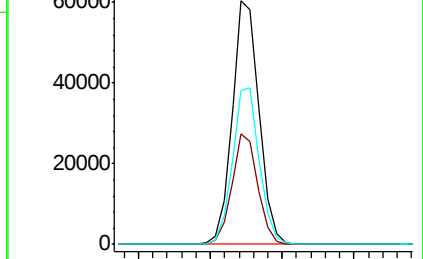
148 64.5 32.5 97.4



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: 23.468 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

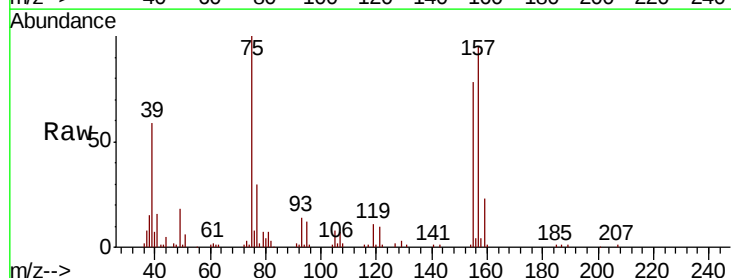
Tgt Ion: 75 Resp: 15668

Ion Ratio Lower Upper

75 100

155 80.7 47.6 142.9

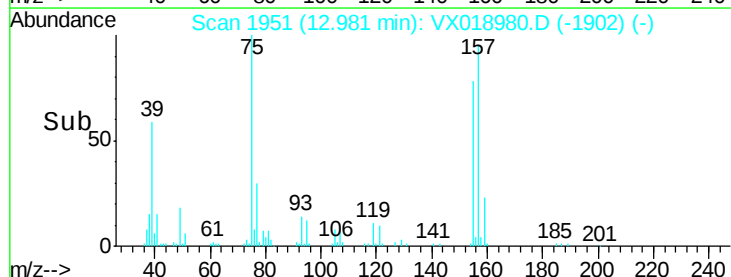
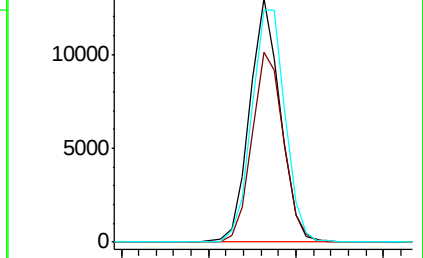
157 104.7 62.7 188.1

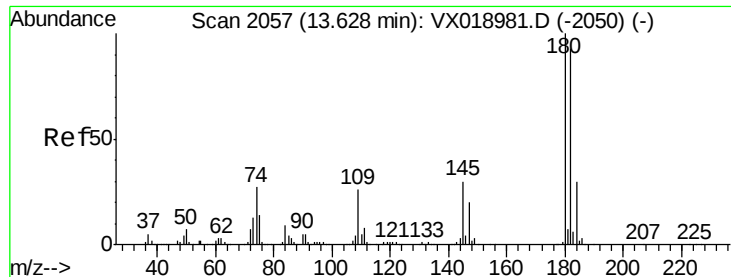


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

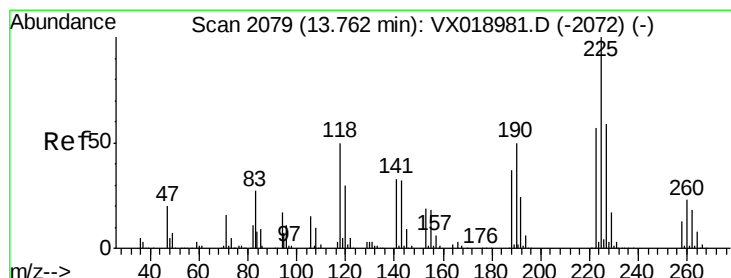
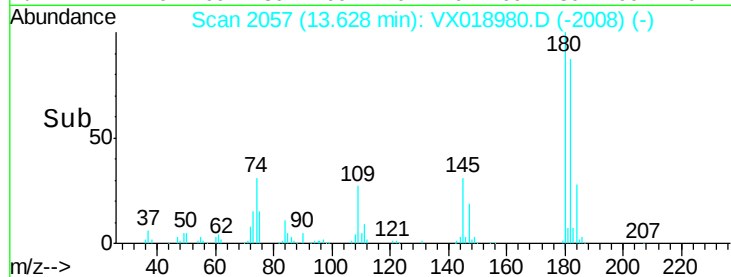
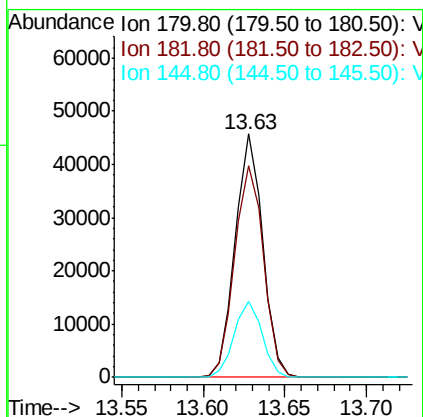
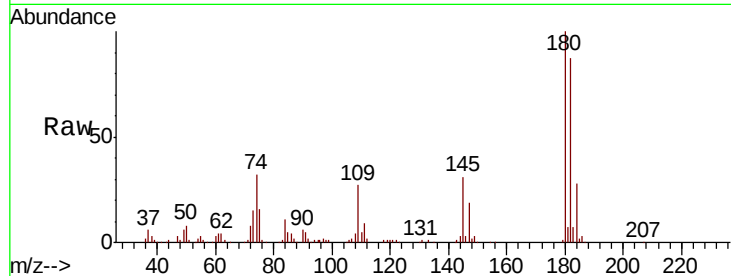




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.396 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

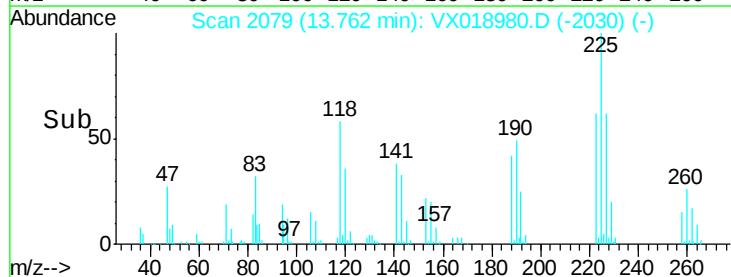
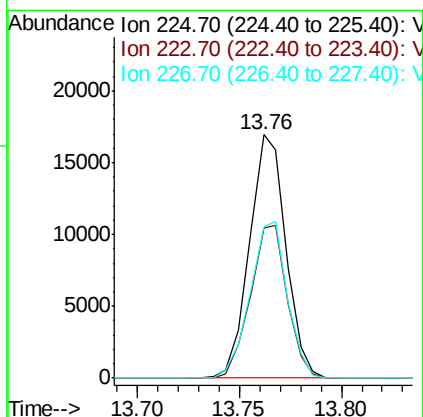
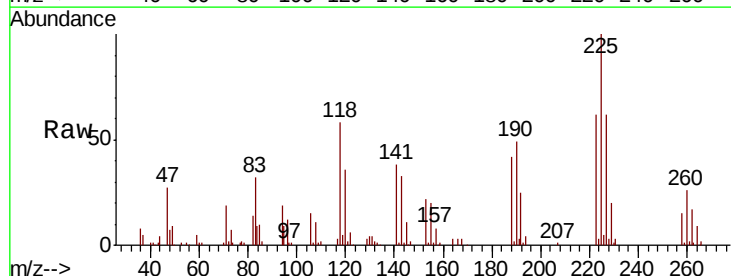
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

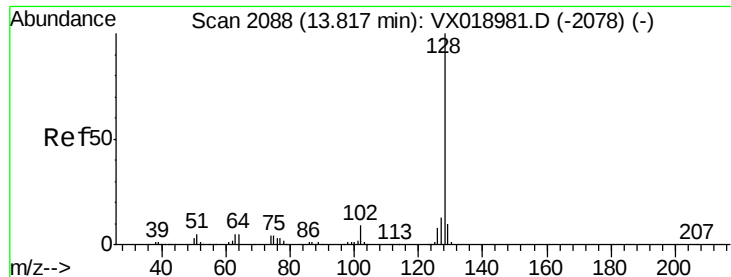
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.3  | 46.6  | 139.7 |
| 145     | 31.6  | 15.7  | 47.1  |



#94  
 Hexachlorobutadiene  
 Concen: 17.783 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.00 min  
 Lab File: VX018980.D  
 Acq: 20 Oct 2020 17:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.8  | 29.4  | 88.3  |
| 227     | 65.6  | 30.6  | 92.0  |

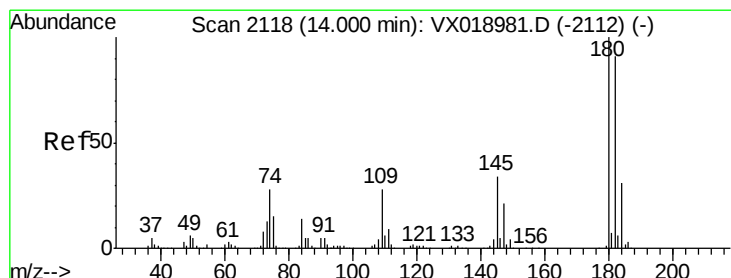
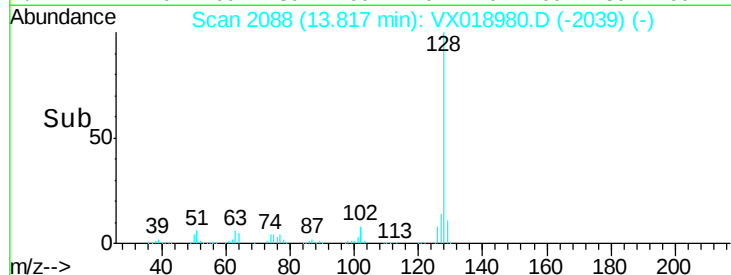
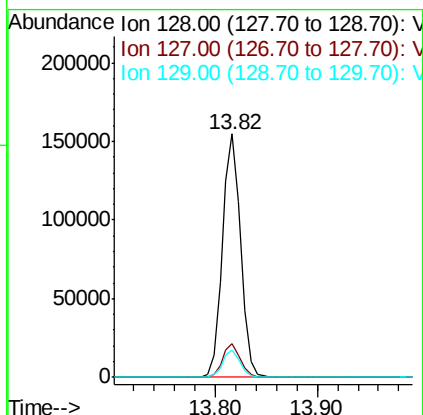
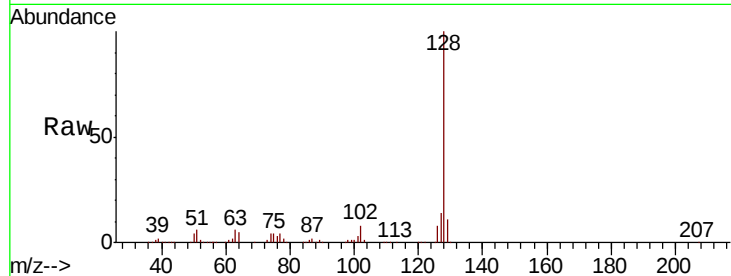




#95  
Naphthalene  
Concen: 20.789 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.3  | 15.5  |
| 129     | 10.9  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.364 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VX018980.D  
Acq: 20 Oct 2020 17:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.9  | 47.8  | 143.4 |
| 145     | 33.9  | 17.0  | 51.0  |

