

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX090920\  
 Data File : VX018313.D  
 Acq On : 09 Sep 2020 11:35  
 Operator : JC/SP  
 Sample : VX0909WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

Quant Time: Sep 09 15:02:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 430943   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 648391   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 613955   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 331702   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |       |
|-----------------------------|--------|-----|----------|-------|---------|-------|
| System Monitoring Compounds |        |     |          |       |         |       |
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 287852   | 48.11 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.22%  |       |
| 35) Dibromofluoromethane    | 5.46   | 113 | 221994   | 50.27 | ug/l    | -0.01 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.54% |       |
| 50) Toluene-d8              | 8.70   | 98  | 781647   | 47.52 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.04%  |       |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 296695   | 45.85 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.70%  |       |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 93633    | 17.846  | ug/l  | 95     |
| 3) Chloromethane              | 1.31 | 50   | 84568    | 15.288  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.39 | 62   | 90159    | 16.373  | ug/l  | 100    |
| 5) Bromomethane               | 1.63 | 94   | 62781    | 23.638  | ug/l  | 99     |
| 6) Chloroethane               | 1.72 | 64   | 52423    | 17.725  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 152416   | 20.299  | ug/l  | 96     |
| 8) Diethyl Ether              | 2.17 | 74   | 45979    | 18.057  | ug/l  | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 77858    | 19.180  | ug/l  | 97     |
| 10) Methyl Iodide             | 2.49 | 142  | 72257    | 20.165  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 3.01 | 59   | 92773    | 79.755  | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 74846    | 17.772  | ug/l  | 96     |
| 13) Acrolein                  | 2.27 | 56   | 60435    | 125.299 | ug/l  | 98     |
| 14) Allyl chloride            | 2.70 | 41   | 129635   | 17.133  | ug/l  | 96     |
| 15) Acrylonitrile             | 3.11 | 53   | 215363   | 81.618  | ug/l  | 98     |
| 16) Acetone                   | 2.42 | 43   | 194474   | 83.423  | ug/l  | 94     |
| 17) Carbon Disulfide          | 2.55 | 76   | 200370   | 15.739  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.75 | 43   | 104599   | 18.594  | ug/l  | 97     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 264100   | 18.286  | ug/l  | 94     |
| 20) Methylene Chloride        | 2.83 | 84   | 85909    | 17.259  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 80391    | 17.230  | ug/l  | 98     |
| 22) Diisopropyl ether         | 3.82 | 45   | 265929   | 17.808  | ug/l  | # 83   |
| 23) Vinyl Acetate             | 3.78 | 43   | 1140926  | 85.861  | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 150037   | 17.650  | ug/l  | 98     |
| 25) 2-Butanone                | 4.63 | 43   | 305081   | 79.631  | ug/l  | 96     |
| 26) 2,2-Dichloropropane       | 4.54 | 77   | 140462   | 20.308  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 90931    | 16.915  | ug/l  | 99     |
| 28) Bromochloromethane        | 4.98 | 49   | 74286    | 18.104  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 5.09 | 42   | 190985   | 78.309  | ug/l  | 98     |
| 30) Chloroform                | 5.17 | 83   | 162859   | 18.502  | ug/l  | 99     |
| 31) Cyclohexane               | 5.54 | 56   | 119685   | 16.714  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 152435   | 18.871  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.76 | 75   | 108592   | 18.158  | ug/l  | 97     |
| 37) Ethyl Acetate             | 4.79 | 43   | 118535   | 17.065  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.75 | 117  | 138793   | 20.593  | ug/l  | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\WX090920\  
 Data File : VX018313.D  
 Acq On : 09 Sep 2020 11:35  
 Operator : JC/SP  
 Sample : VX0909WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

Quant Time: Sep 09 15:02:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 124461   | 19.032  | ug/l   | 96       |
| 40) Benzene                    | 6.10  | 78   | 322363   | 18.344  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.00  | 41   | 64342    | 16.871  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 135317   | 20.098  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 192965   | 17.200  | ug/l   | 99       |
| 44) Trichloroethene            | 7.18  | 130  | 93865    | 18.904  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 86944    | 18.357  | ug/l   | 100      |
| 46) Dibromomethane             | 7.63  | 93   | 60237    | 18.086  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.87  | 83   | 130410   | 19.610  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.74  | 41   | 93145    | 16.678  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 32953    | 325.736 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 600975   | 86.721  | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 206623   | 18.543  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 137261   | 18.623  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 145077   | 18.582  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 87901    | 18.496  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 120206   | 17.015  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 142584   | 18.191  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 292902   | 92.162  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 449412   | 85.286  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.56  | 129  | 105742   | 18.967  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 94666    | 18.348  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 89887    | 19.923  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.12 | 112  | 226320   | 18.457  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 93938    | 19.437  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 390088   | 18.707  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 294510   | 37.839  | ug/l   | 98       |
| 69) o-Xylene                   | 10.68 | 106  | 139528   | 18.493  | ug/l   | 97       |
| 70) Styrene                    | 10.70 | 104  | 240075   | 18.684  | ug/l   | 98       |
| 71) Bromoform                  | 10.84 | 173  | 78822    | 19.121  | ug/l # | 96       |
| 73) Isopropylbenzene           | 11.00 | 105  | 386588   | 17.669  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 164805   | 15.876  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 126561   | 16.398  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 151811   | 20.574  | ug/l   | 85       |
| 77) Bromobenzene               | 11.24 | 156  | 104939   | 17.351  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.34 | 91   | 442278   | 17.803  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 271016   | 17.657  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 333735   | 18.562  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 44104    | 16.143  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 325930   | 17.863  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 323975   | 18.259  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 342251   | 18.619  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 376811   | 18.675  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 349420   | 18.852  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 189953   | 17.889  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 193855   | 18.233  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 303292   | 17.928  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 69931    | 19.177  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 180364   | 18.045  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 31059    | 16.094  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX090920\  
Data File : VX018313.D  
Acq On : 09 Sep 2020 11:35  
Operator : JC/SP  
Sample : VX0909WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

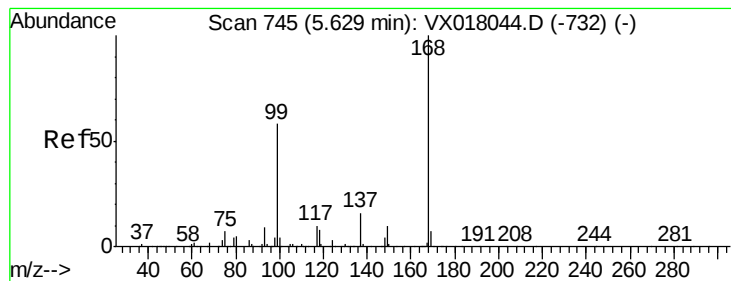
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

Quant Time: Sep 09 15:02:41 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 03:03:56 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 113874   | 17.085 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 52021    | 19.788 | ug/l  | 93       |
| 95) Naphthalene            | 13.82 | 128  | 363653   | 16.578 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 120084   | 18.234 | ug/l  | 98       |

(#) = 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: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

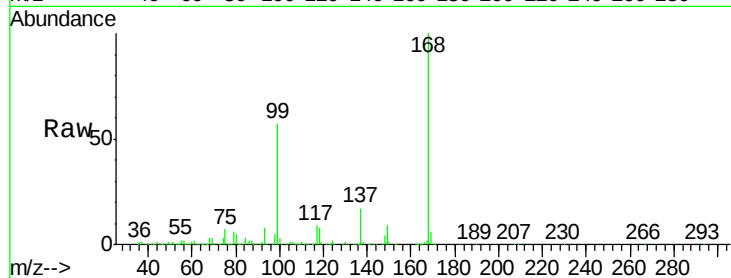
VX0909WBS01

Tgt Ion:168 Resp: 430943

Ion Ratio Lower Upper

168 100

99 57.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

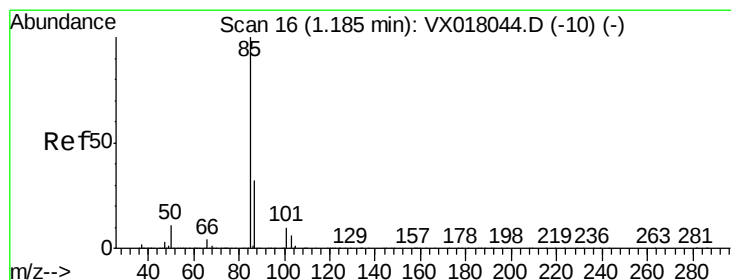
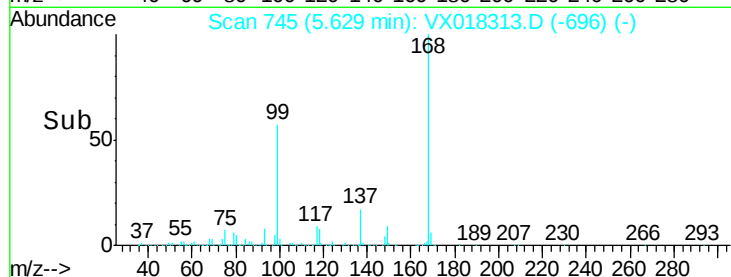
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.846 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018313.D

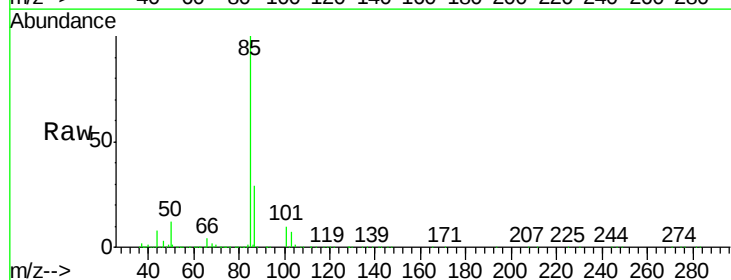
Acq: 09 Sep 2020 11:35

Tgt Ion: 85 Resp: 93633

Ion Ratio Lower Upper

85 100

87 29.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

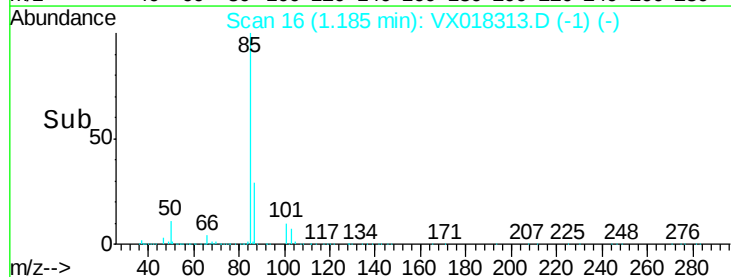
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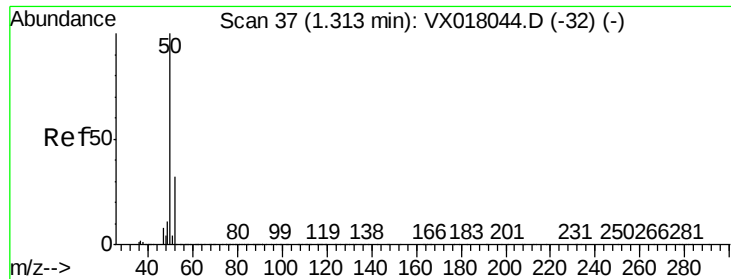
40000

20000

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Time-->





#3

Chloromethane

Concen: 15.288 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

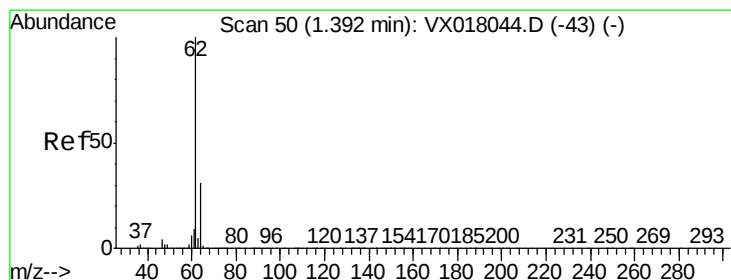
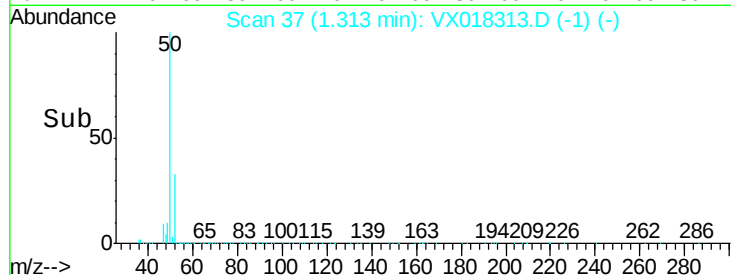
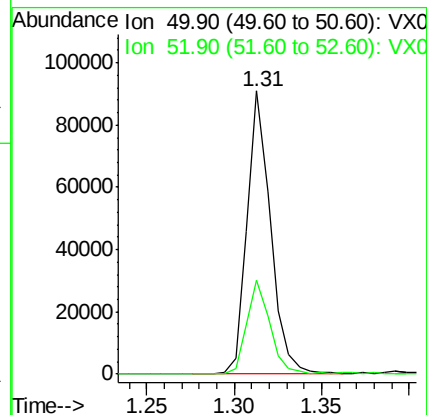
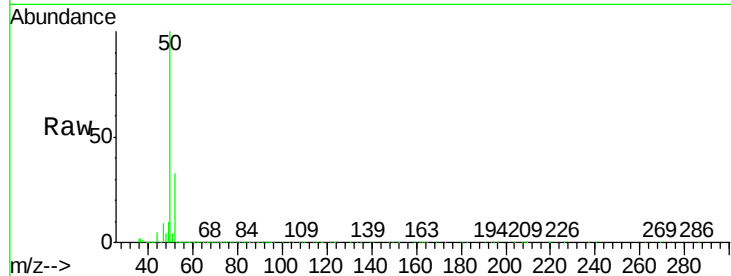
VX0909WBS01

Tgt Ion: 50 Resp: 84568

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 16.373 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018313.D

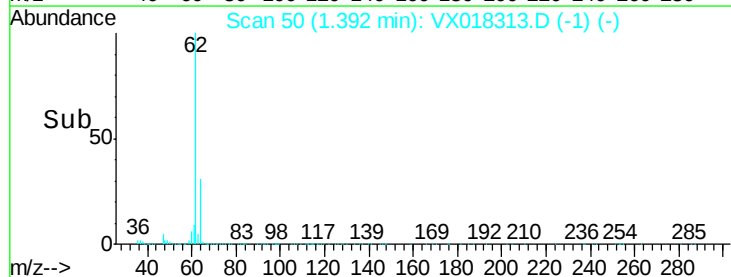
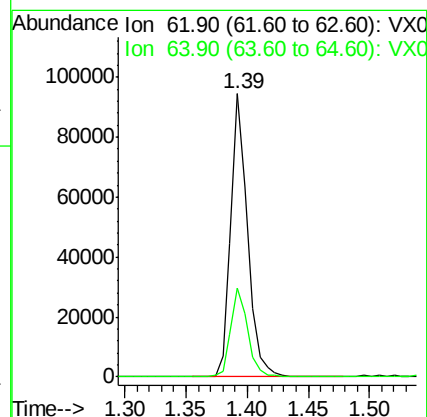
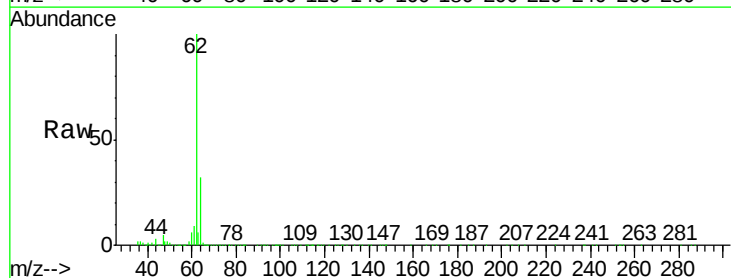
Acq: 09 Sep 2020 11:35

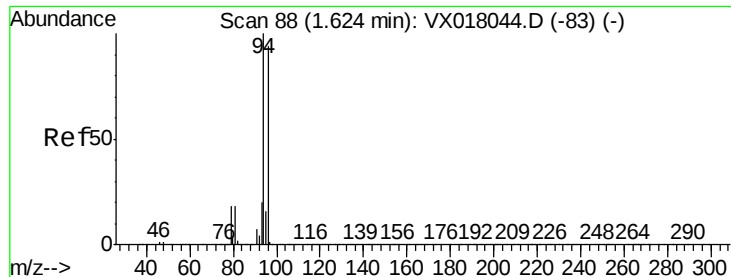
Tgt Ion: 62 Resp: 90159

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 23.638 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampled :

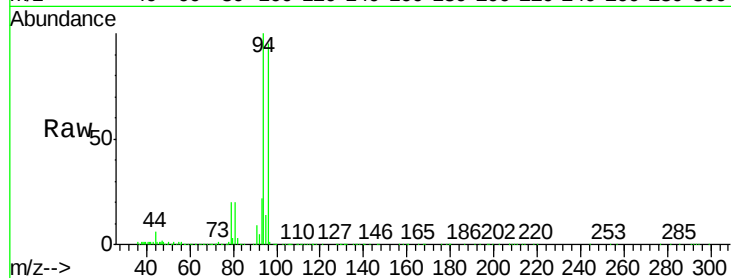
VX0909WBS01

Tgt Ion: 94 Resp: 62781

Ion Ratio Lower Upper

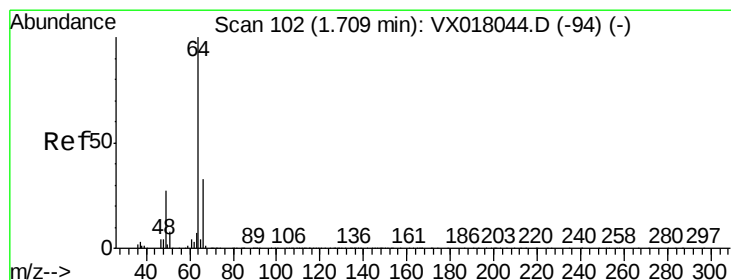
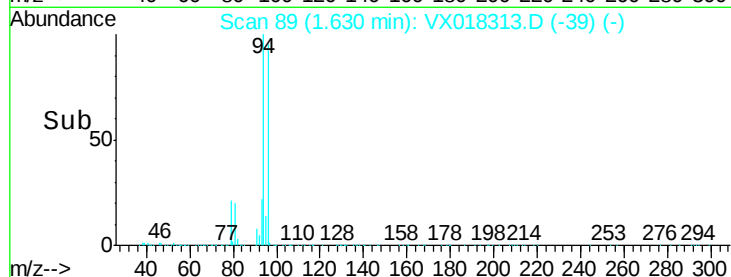
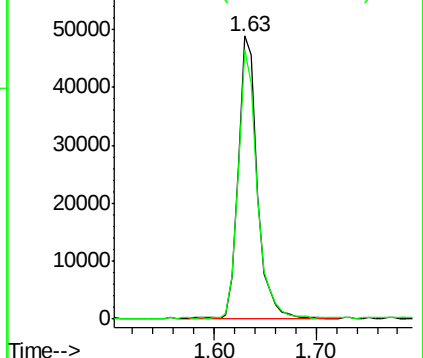
94 100

96 94.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.725 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018313.D

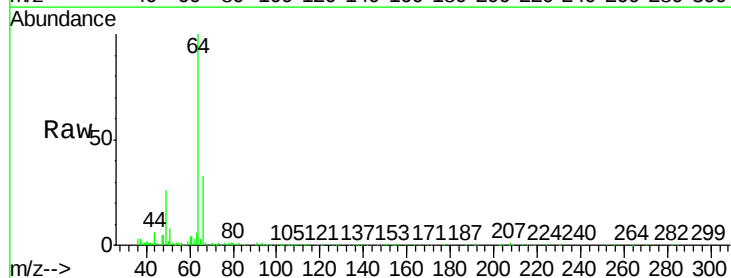
Acq: 09 Sep 2020 11:35

Tgt Ion: 64 Resp: 52423

Ion Ratio Lower Upper

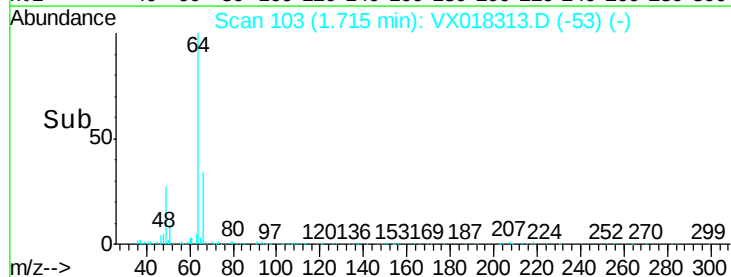
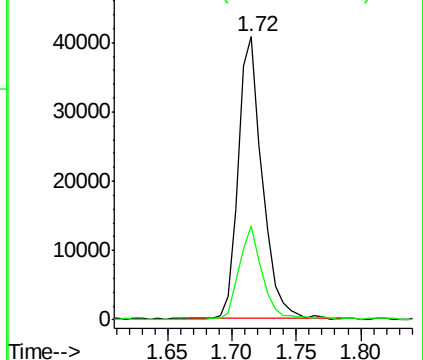
64 100

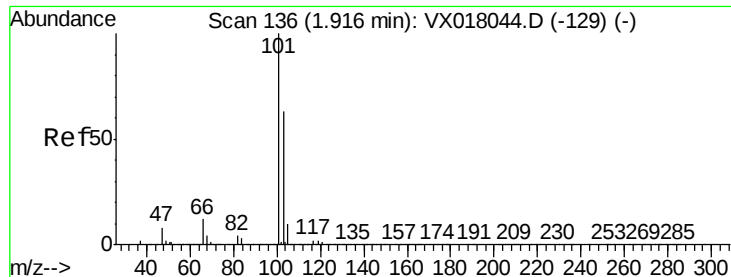
66 33.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



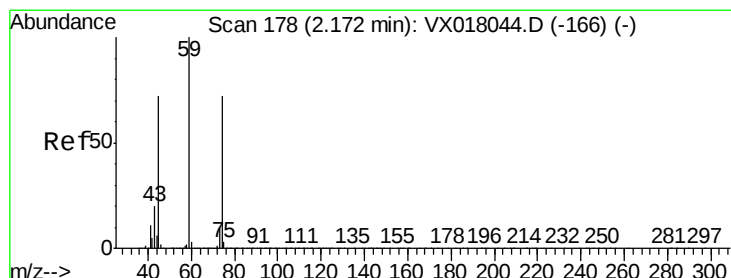
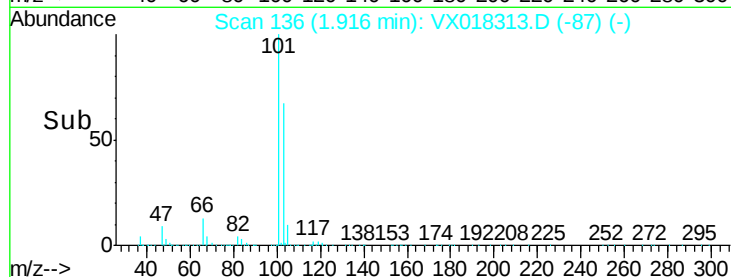
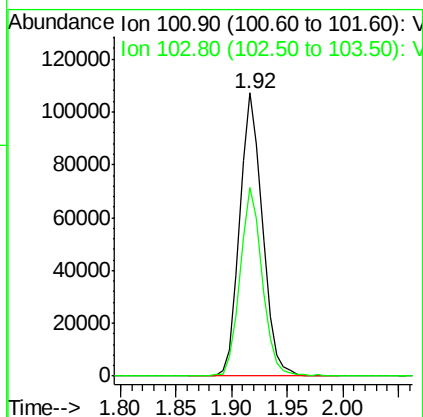
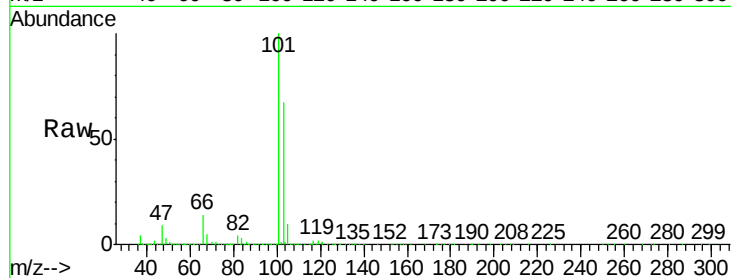


#7

Trichlorofluoromethane  
Concen: 20.299 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

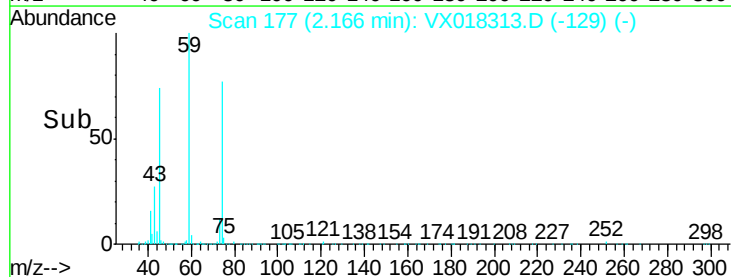
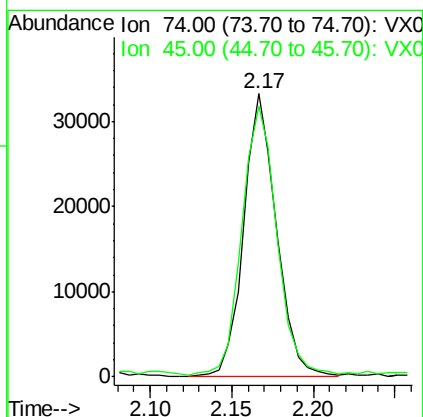
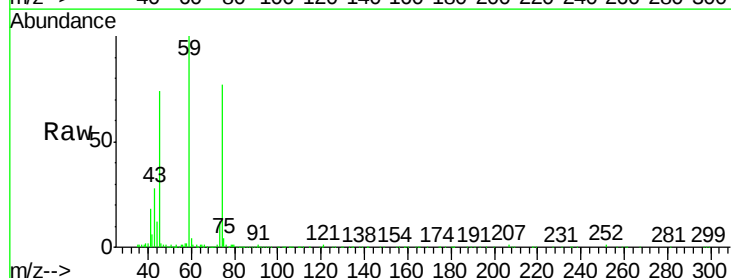
Tgt Ion:101 Resp: 152416  
Ion Ratio Lower Upper  
101 100  
103 66.7 50.7 76.1

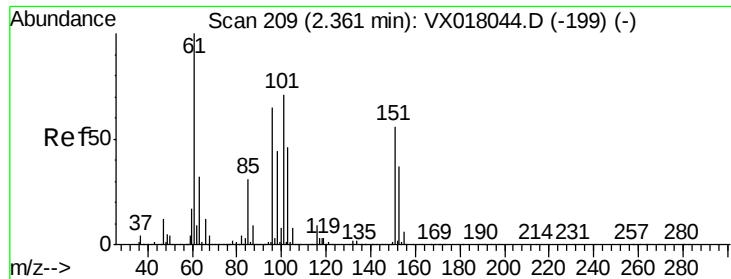


#8

Diethyl Ether  
Concen: 18.057 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion: 74 Resp: 45979  
Ion Ratio Lower Upper  
74 100  
45 101.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.180 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampled :

VX0909WBS01

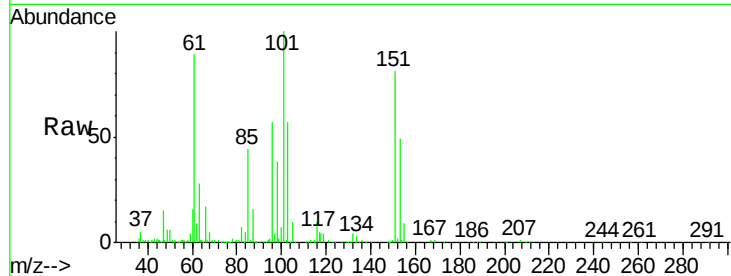
Tgt Ion:101 Resp: 77858

Ion Ratio Lower Upper

101 100

85 47.2 34.0 51.0

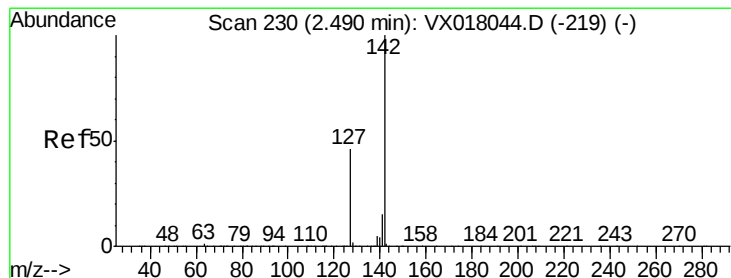
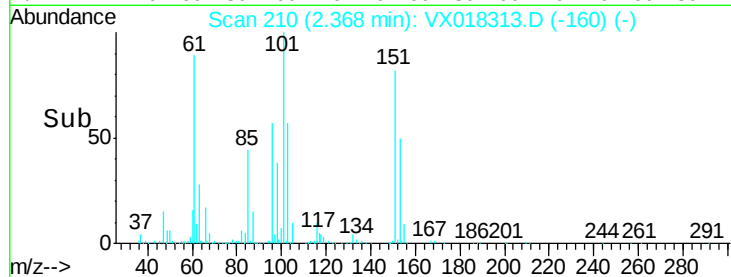
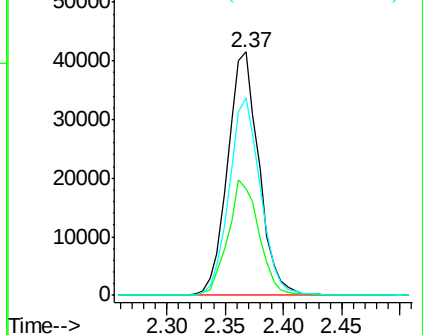
151 81.4 65.2 97.8



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: 20.165 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

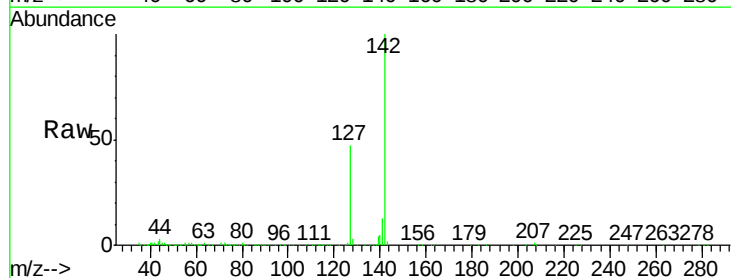
Tgt Ion:142 Resp: 72257

Ion Ratio Lower Upper

142 100

127 47.8 37.0 55.6

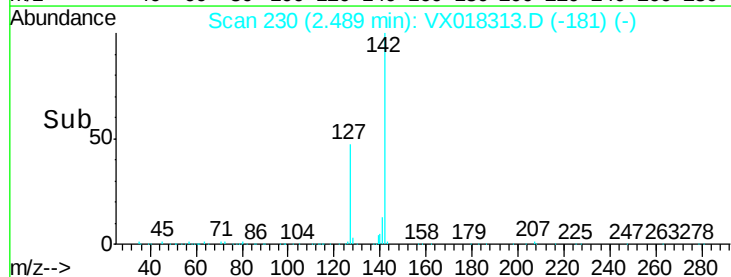
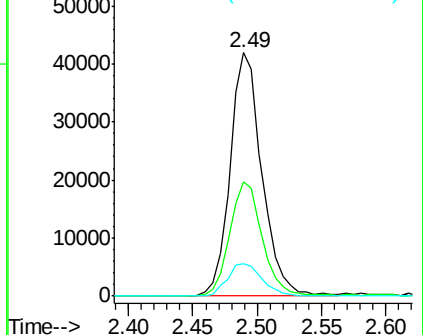
141 14.6 11.5 17.3

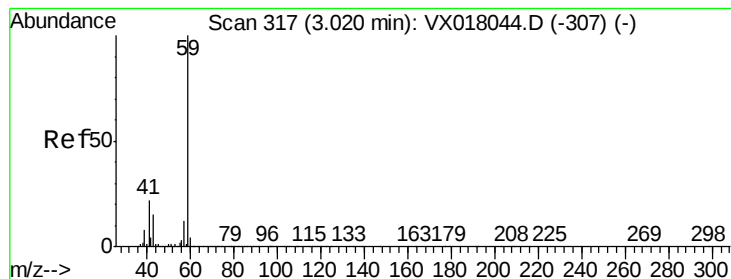


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 79.755 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

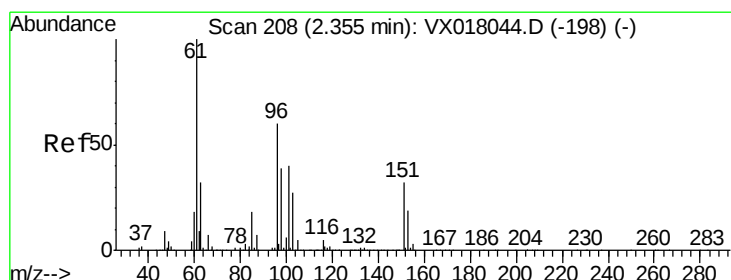
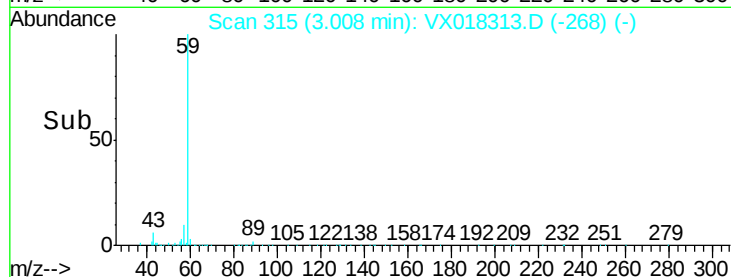
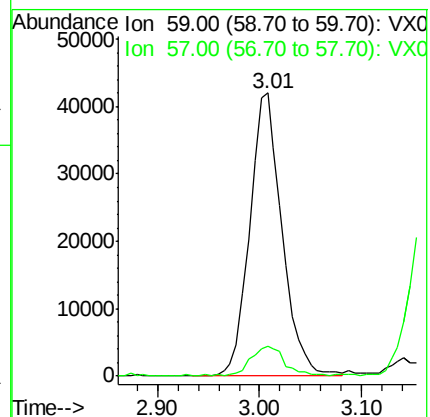
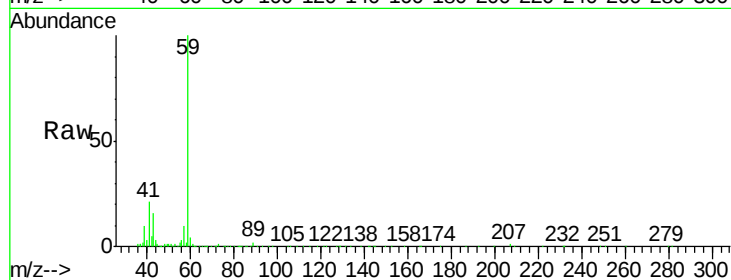
VX0909WBS01

Tgt Ion: 59 Resp: 92773

Ion Ratio Lower Upper

59 100

57 11.3 8.9 13.3



#12

1,1-Dichloroethene

Concen: 17.772 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

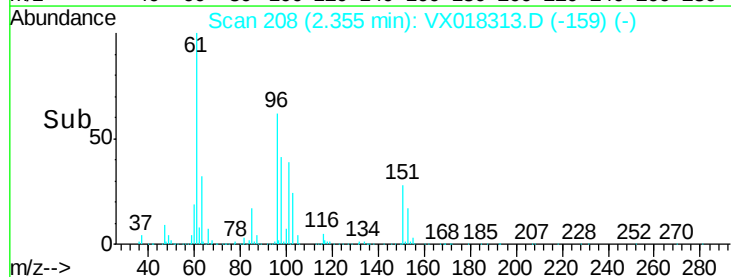
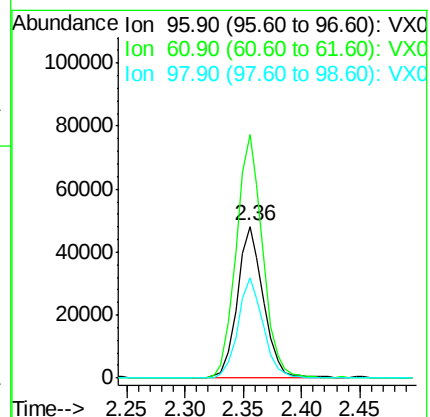
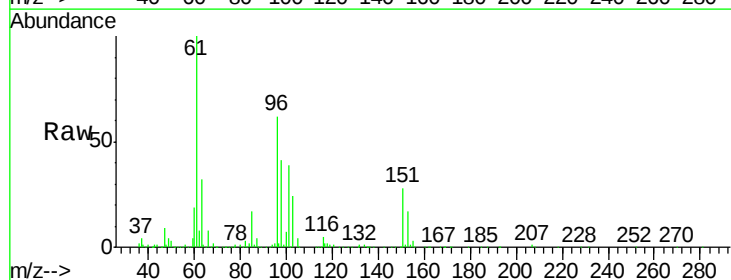
Tgt Ion: 96 Resp: 74846

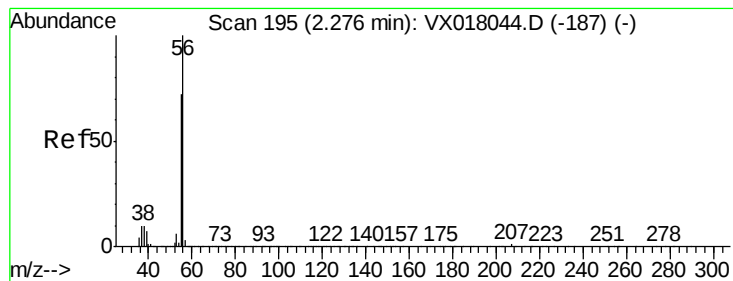
Ion Ratio Lower Upper

96 100

61 160.2 133.0 199.4

98 65.6 51.6 77.4





#13

Acrolein

Concen: 125.299 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

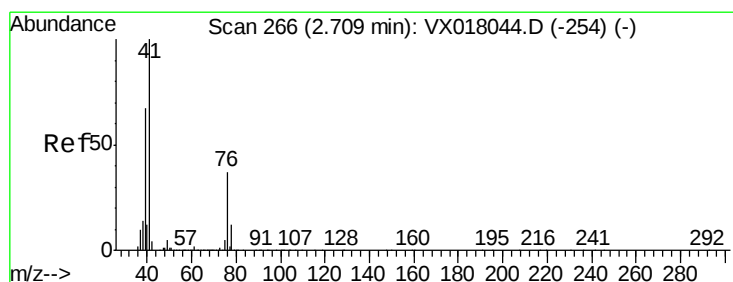
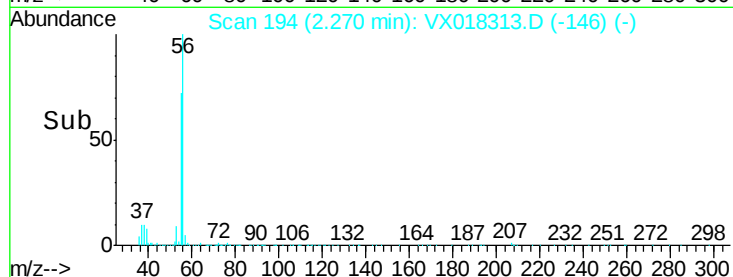
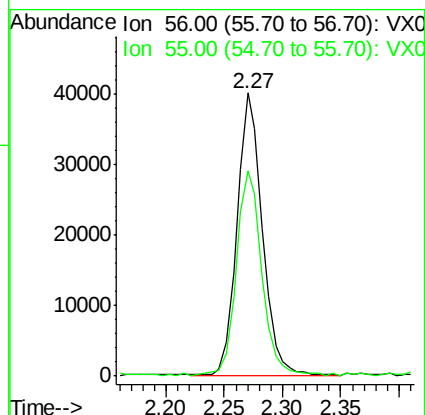
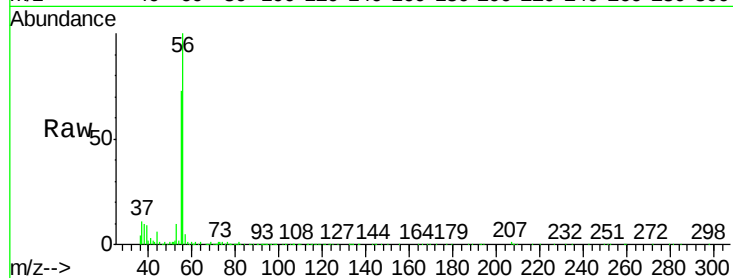
VX0909WBS01

Tgt Ion: 56 Resp: 60435

Ion Ratio Lower Upper

56 100

55 72.8 57.0 85.6



#14

Allyl chloride

Concen: 17.133 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

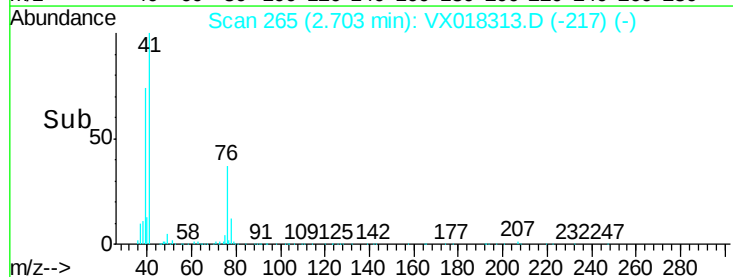
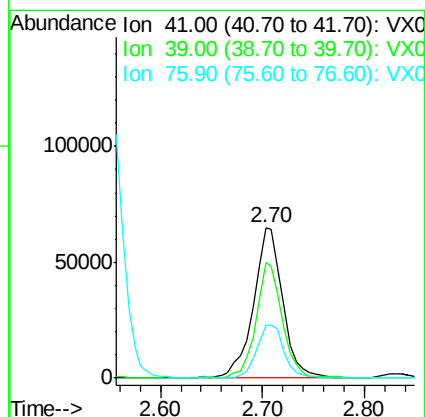
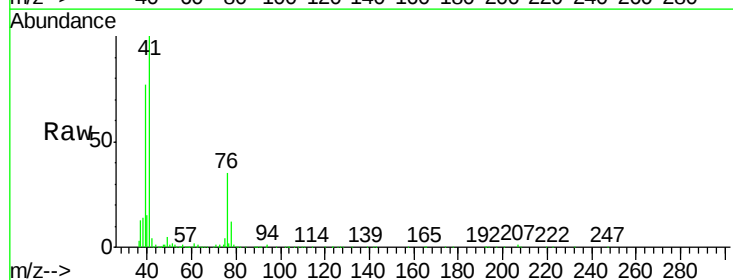
Tgt Ion: 41 Resp: 129635

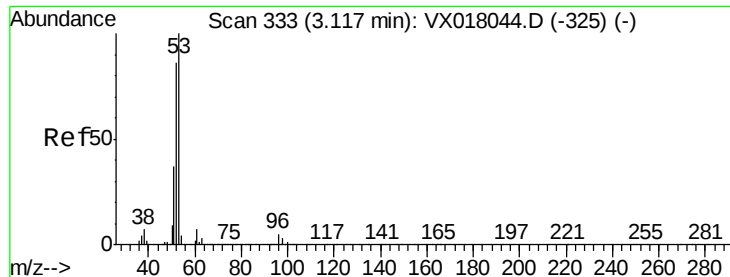
Ion Ratio Lower Upper

41 100

39 68.2 50.6 76.0

76 32.8 26.2 39.2

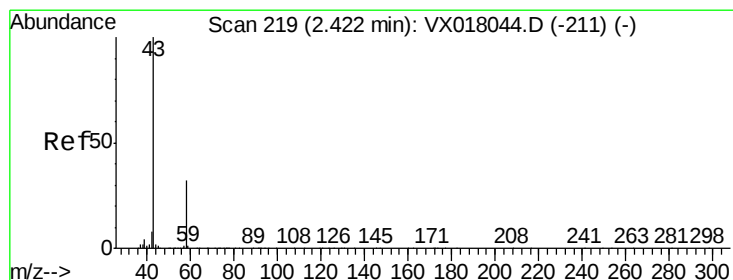
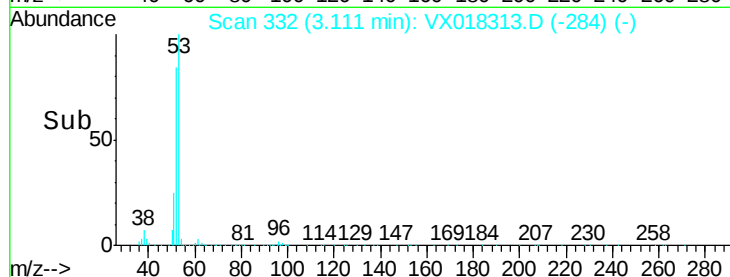
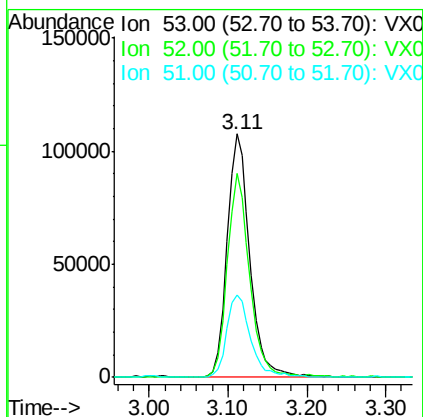
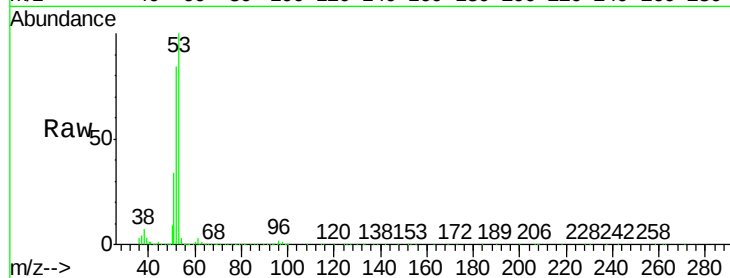




#15  
Acrylonitrile  
Concen: 81.618 ug/l  
RT: 3.11 min Scan# 332  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

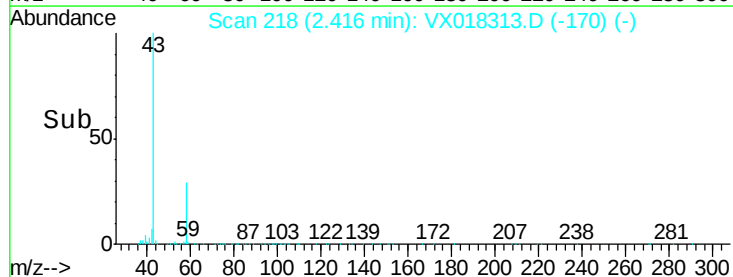
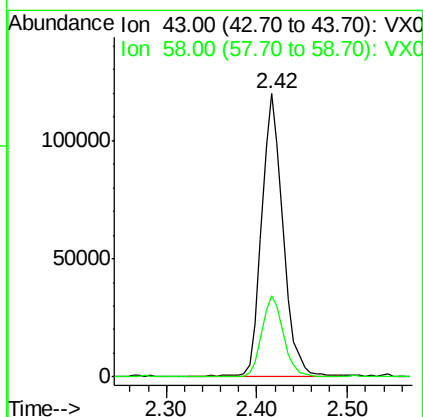
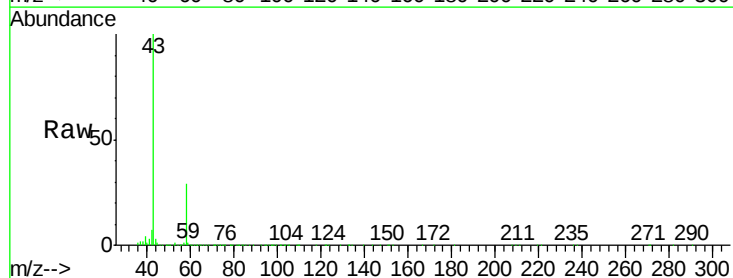
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

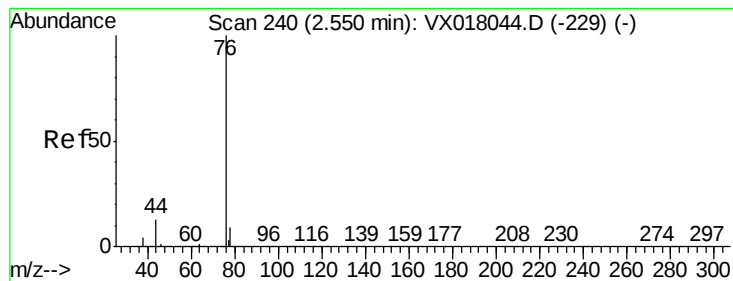
Tgt Ion: 53 Resp: 215363  
Ion Ratio Lower Upper  
53 100  
52 81.8 66.9 100.3  
51 35.4 28.7 43.1



#16  
Acetone  
Concen: 83.423 ug/l  
RT: 2.42 min Scan# 218  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion: 43 Resp: 194474  
Ion Ratio Lower Upper  
43 100  
58 28.5 25.5 38.3





#17

Carbon Disulfide

Concen: 15.739 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

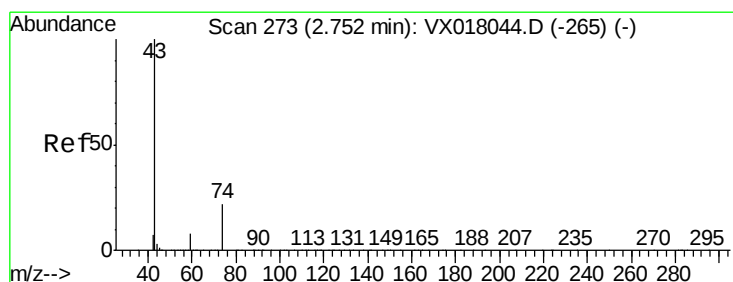
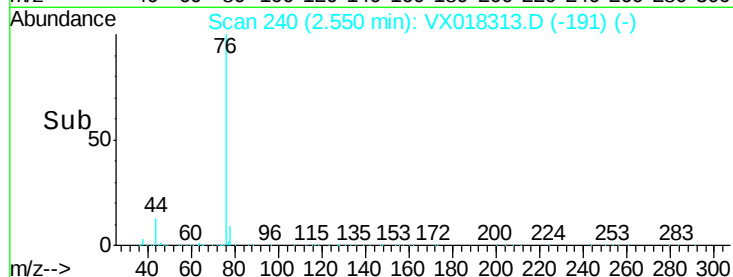
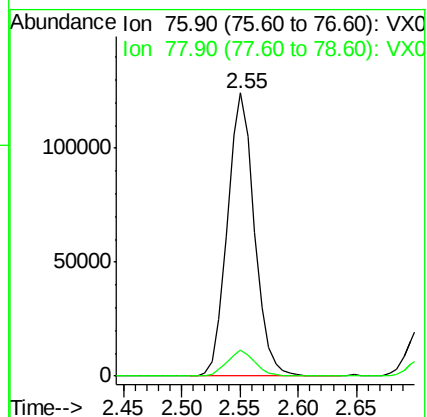
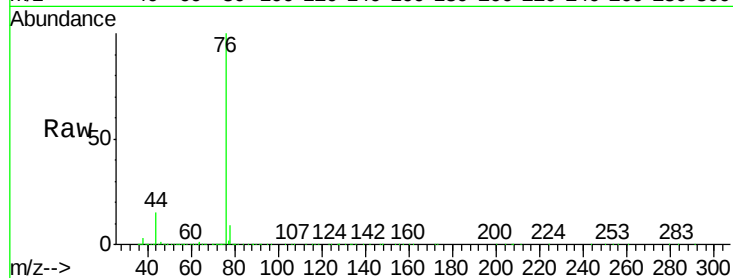
VX0909WBS01

Tgt Ion: 76 Resp: 200370

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 18.594 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018313.D

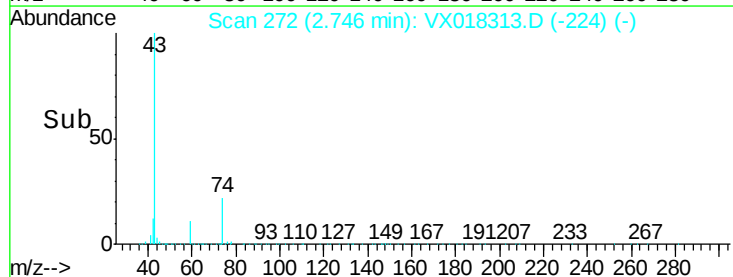
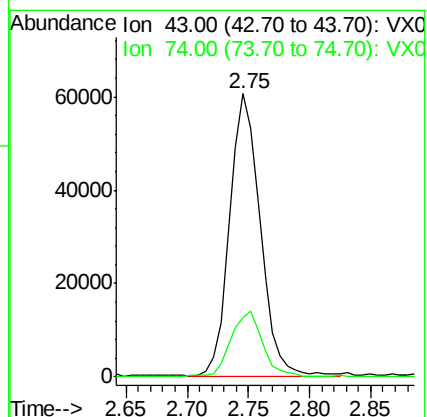
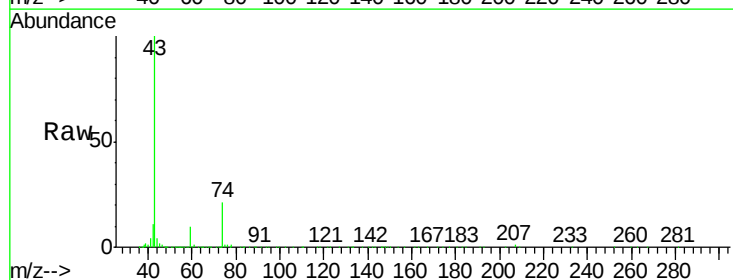
Acq: 09 Sep 2020 11:35

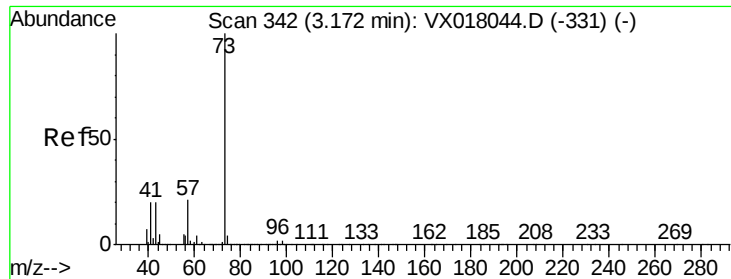
Tgt Ion: 43 Resp: 104599

Ion Ratio Lower Upper

43 100

74 24.3 18.2 27.4



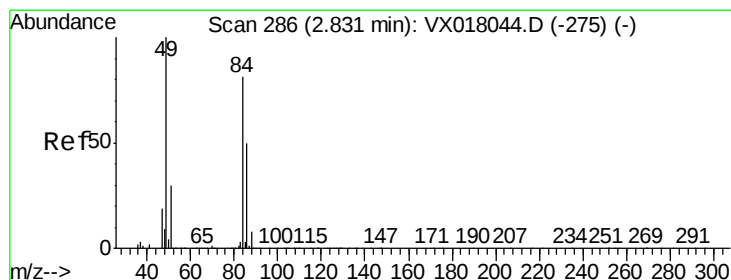
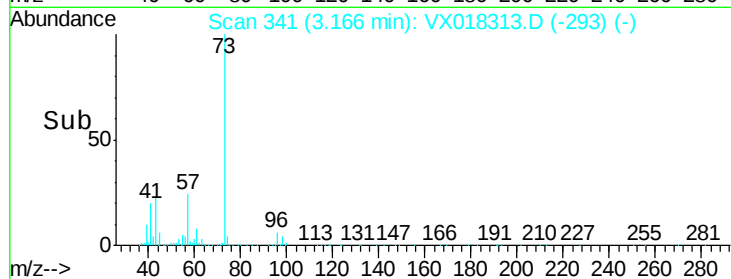
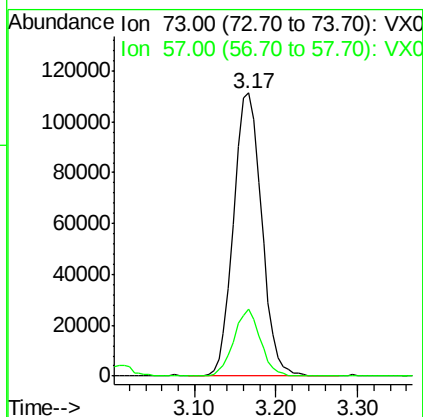
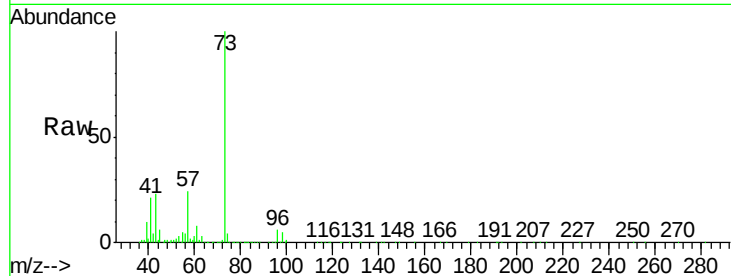


#19

Methyl tert-butyl Ether  
 Concen: 18.286 ug/l  
 RT: 3.17 min Scan# 341  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

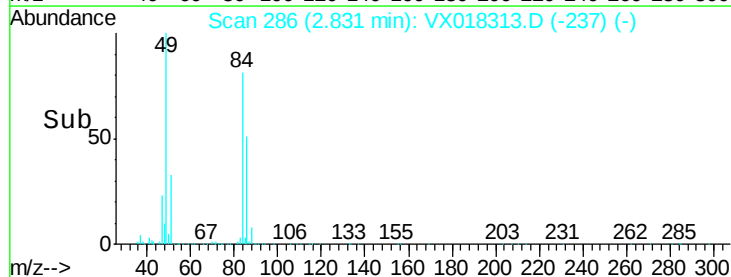
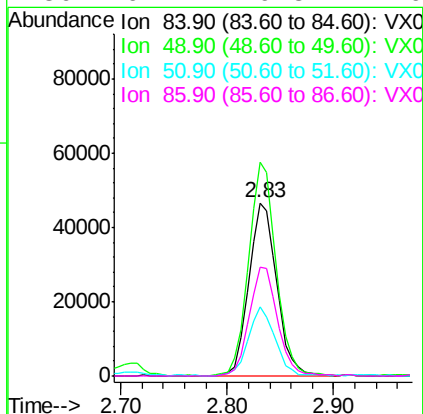
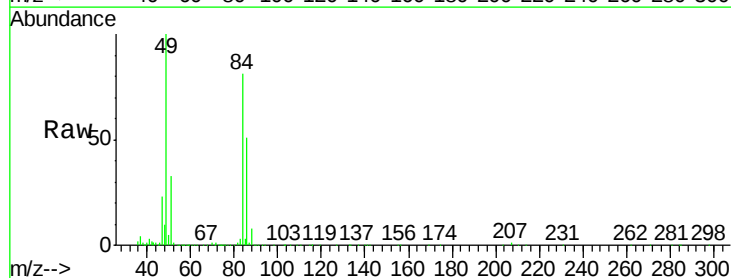
Tgt Ion: 73 Resp: 264100  
 Ion Ratio Lower Upper  
 73 100  
 57 23.7 16.8 25.2

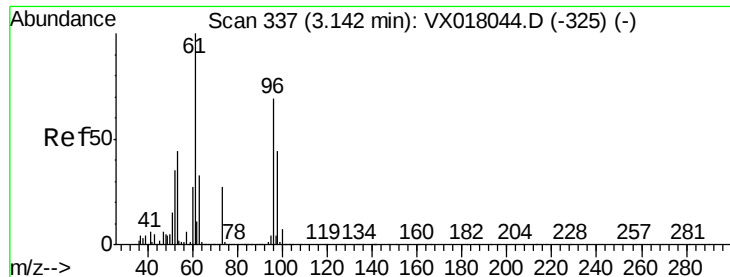


#20

Methylene Chloride  
 Concen: 17.259 ug/l  
 RT: 2.83 min Scan# 286  
 Delta R.T. 0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Tgt Ion: 84 Resp: 85909  
 Ion Ratio Lower Upper  
 84 100  
 49 123.0 98.6 148.0  
 51 40.0 29.6 44.4  
 86 62.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.230 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS01

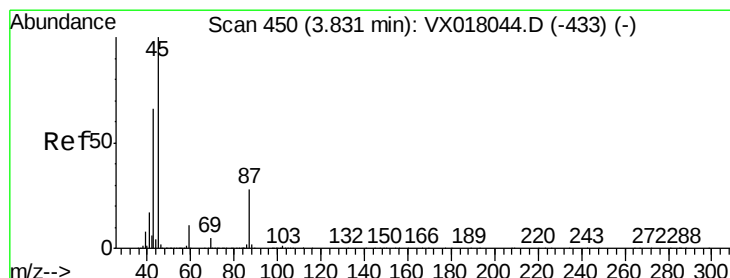
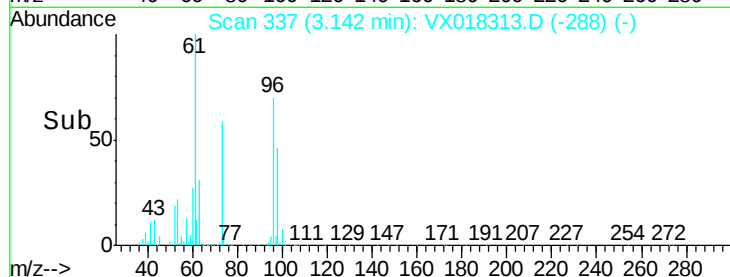
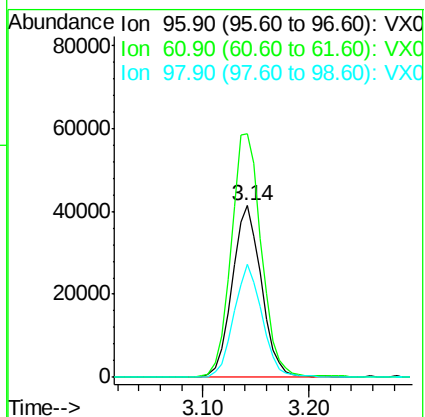
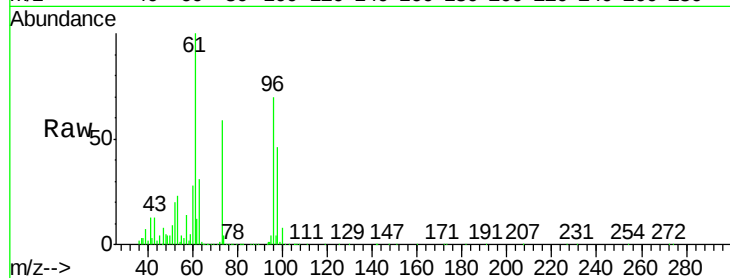
Tgt Ion: 96 Resp: 80391

Ion Ratio Lower Upper

96 100

61 141.6 115.4 173.0

98 66.0 51.1 76.7



#22

Diisopropyl ether

Concen: 17.808 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion: 45 Resp: 265929

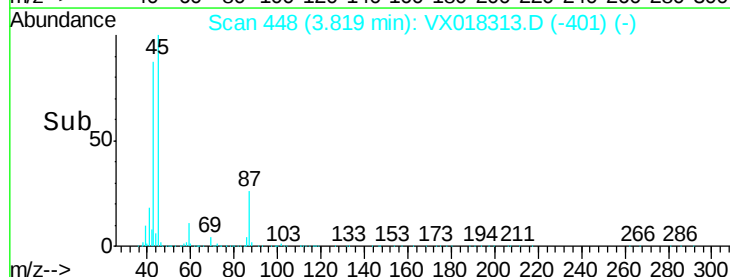
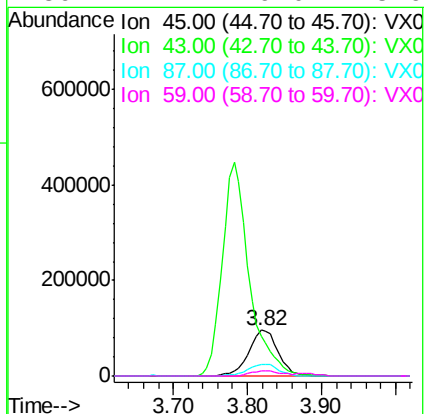
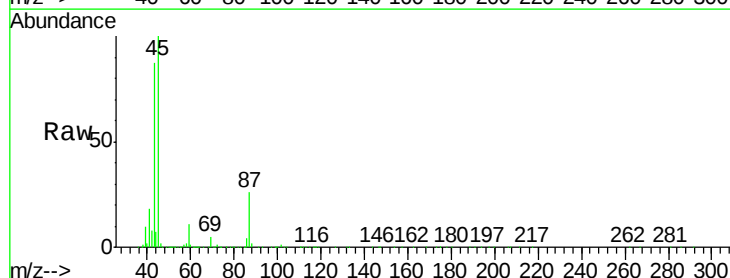
Ion Ratio Lower Upper

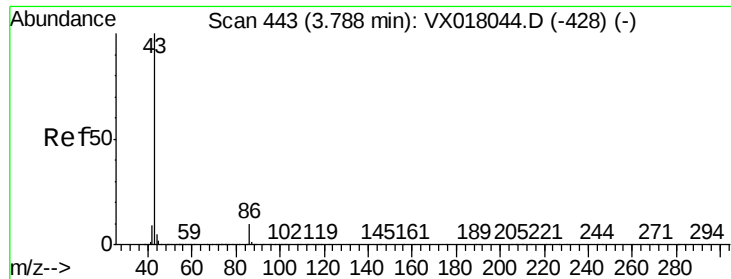
45 100

43 86.5 52.8 79.2#

87 25.8 22.5 33.7

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 85.861 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

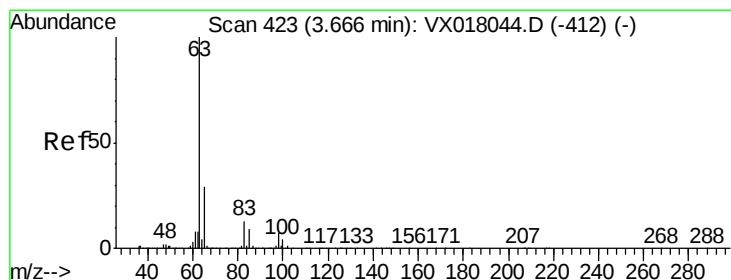
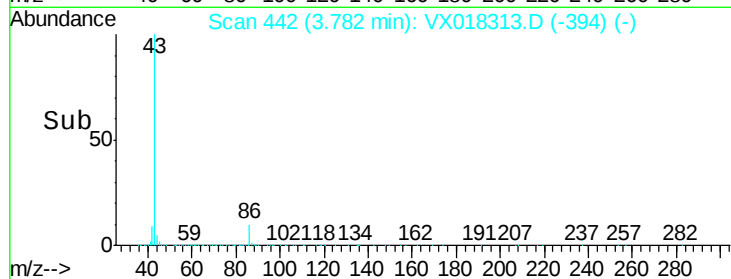
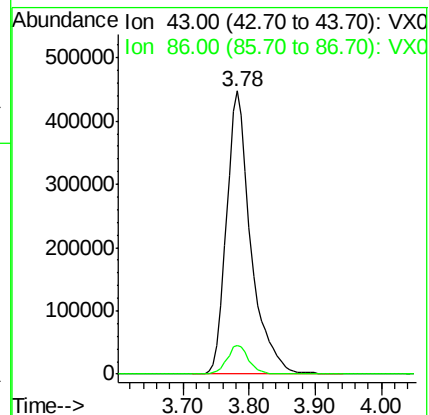
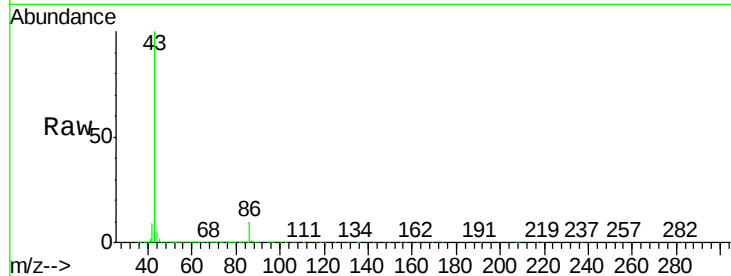
VX0909WBS01

Tgt Ion: 43 Resp: 1140926

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 17.650 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

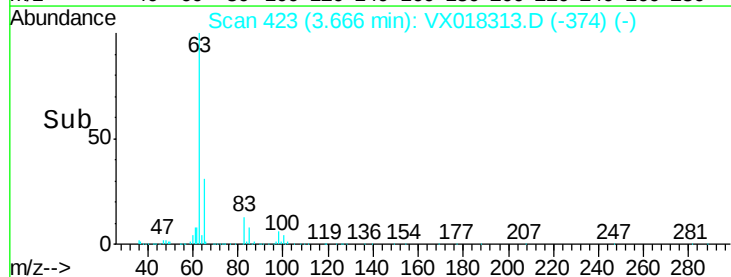
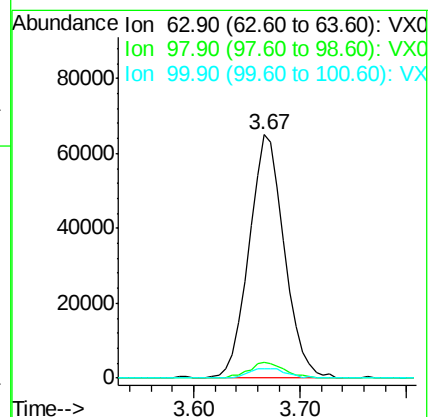
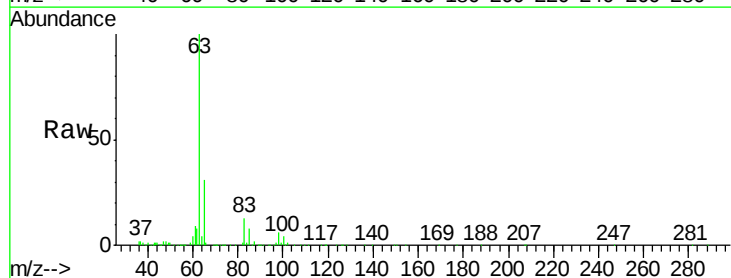
Tgt Ion: 63 Resp: 150037

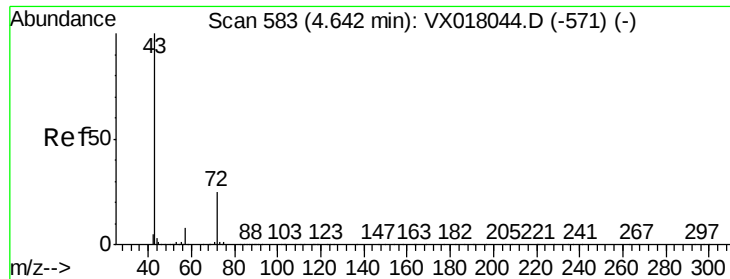
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.0 2.0 6.0

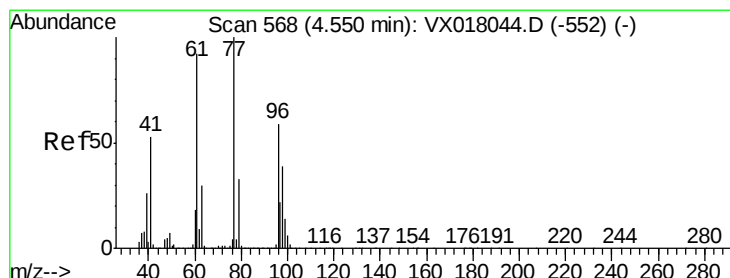
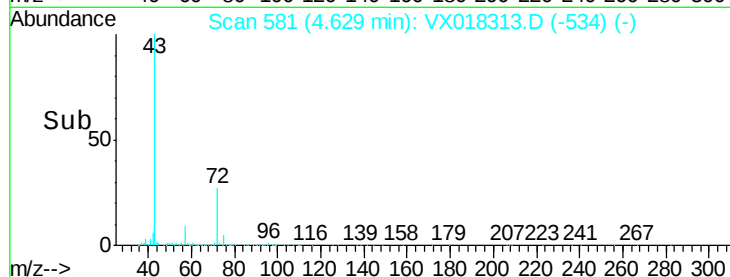
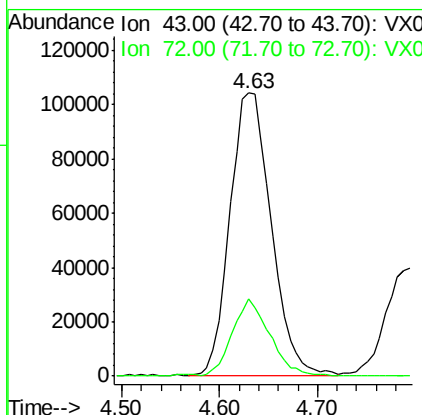
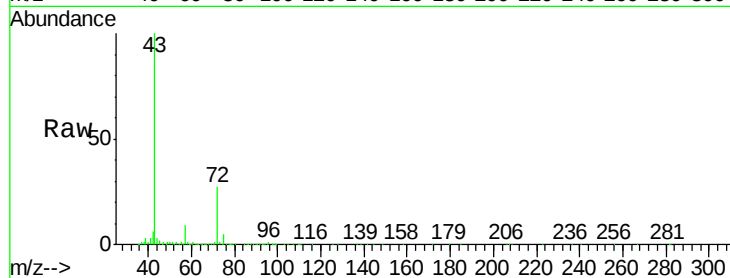




#25  
 2-Butanone  
 Concen: 79.631 ug/l  
 RT: 4.63 min Scan# 581  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

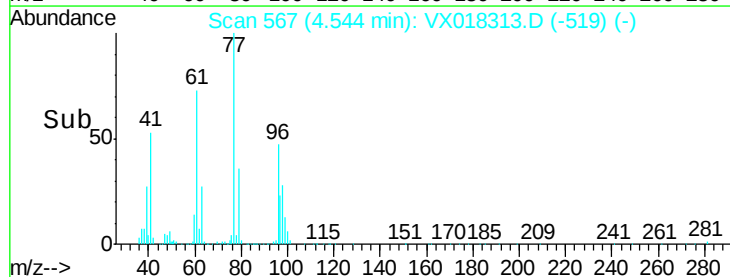
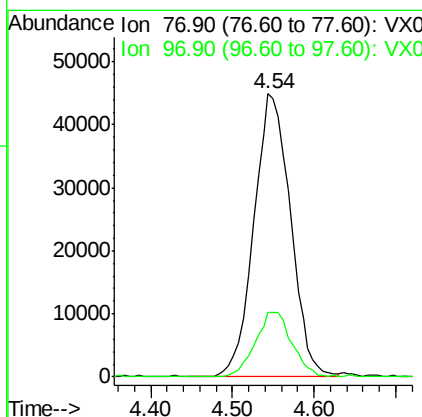
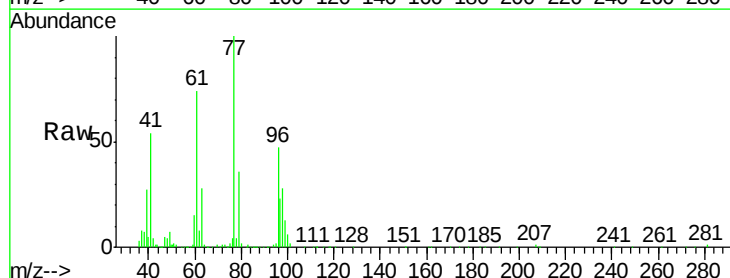
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

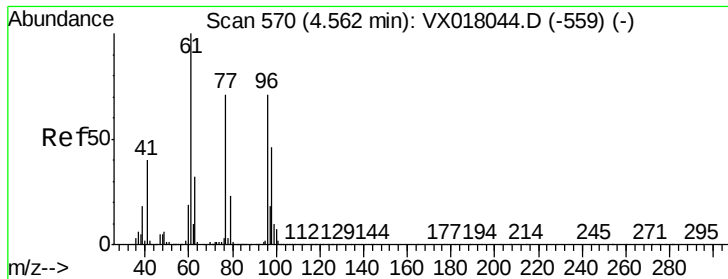
Tgt Ion: 43 Resp: 305081  
 Ion Ratio Lower Upper  
 43 100  
 72 26.9 19.8 29.6



#26  
 2,2-Dichloropropane  
 Concen: 20.308 ug/l  
 RT: 4.54 min Scan# 567  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Tgt Ion: 77 Resp: 140462  
 Ion Ratio Lower Upper  
 77 100  
 97 22.9 11.5 34.5



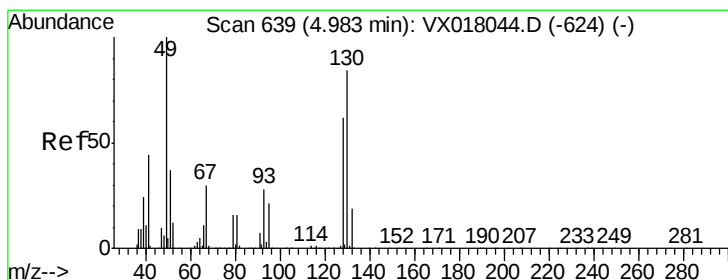
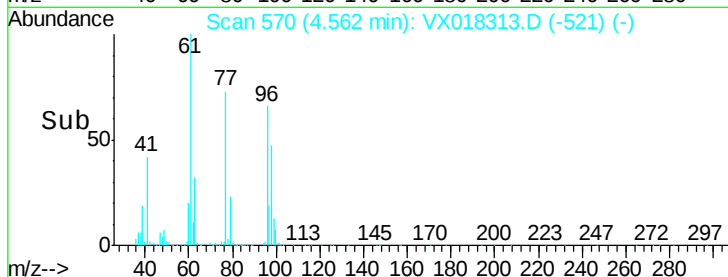
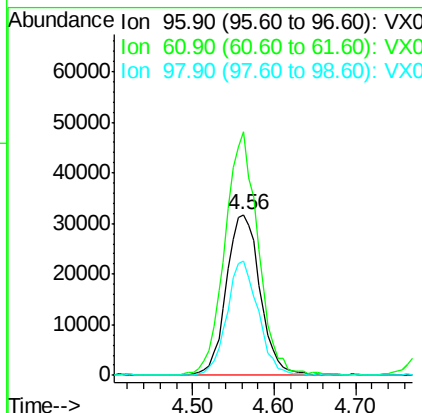
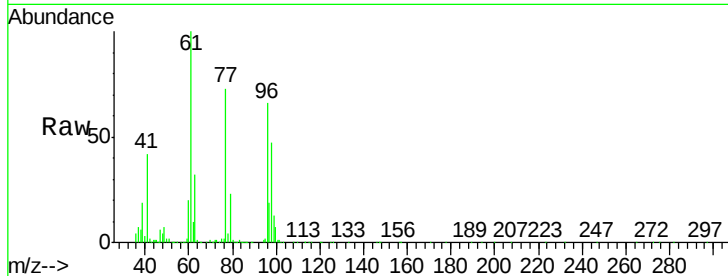


#27

cis-1,2-Dichloroethene  
Concen: 16.915 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

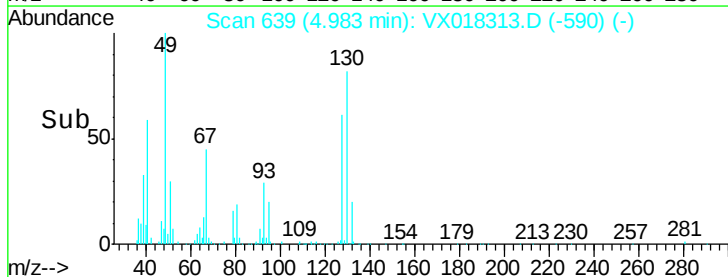
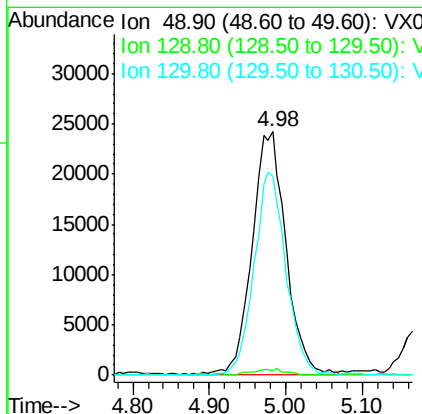
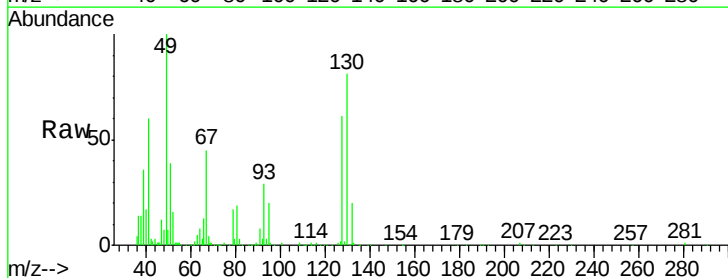
Tgt Ion: 96 Resp: 90931  
Ion Ratio Lower Upper  
96 100  
61 148.9 0.0 296.6  
98 65.9 0.0 130.2

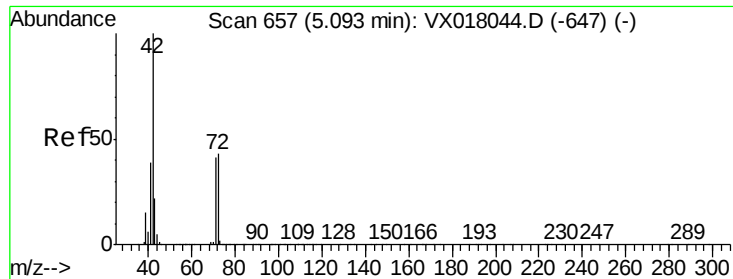


#28

Bromochloromethane  
Concen: 18.104 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion: 49 Resp: 74286  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 4.6  
130 79.0 64.6 96.8





#29

Tetrahydrofuran

Concen: 78.309 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS01

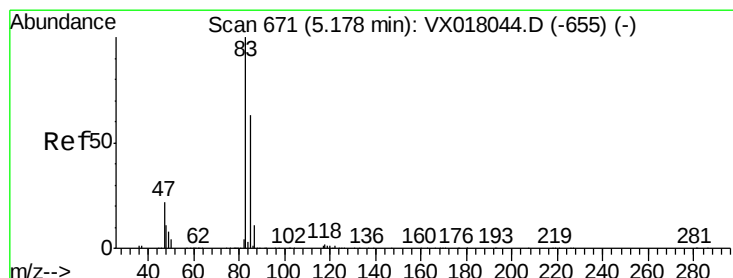
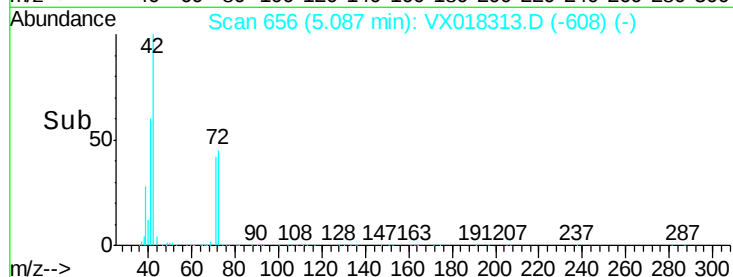
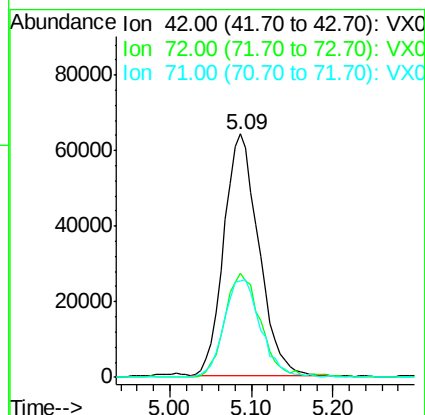
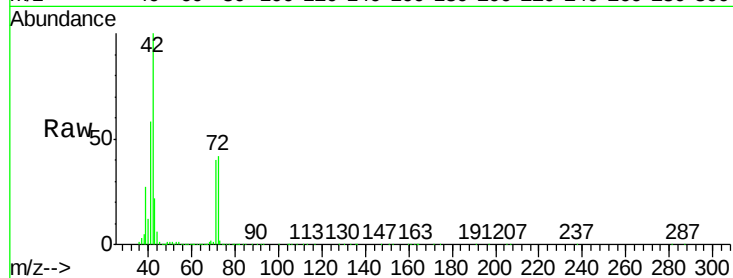
Tgt Ion: 42 Resp: 190985

Ion Ratio Lower Upper

42 100

72 43.6 34.2 51.4

71 42.4 32.1 48.1



#30

Chloroform

Concen: 18.502 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018313.D

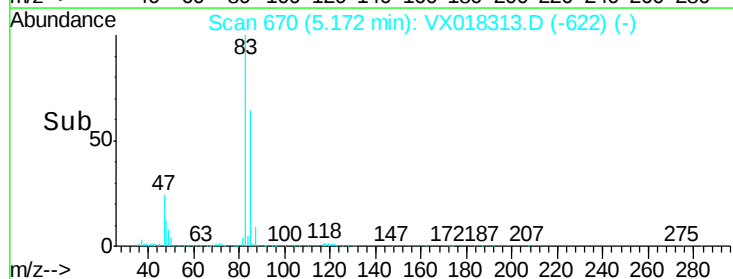
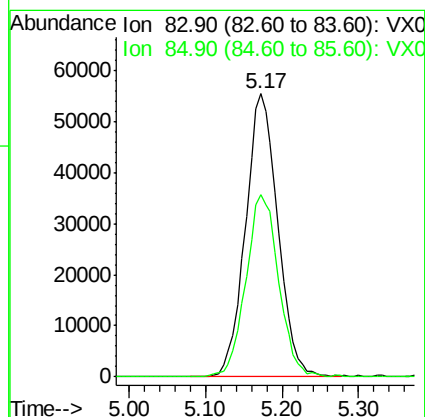
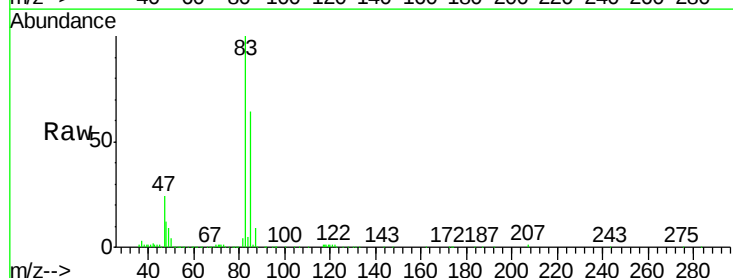
Acq: 09 Sep 2020 11:35

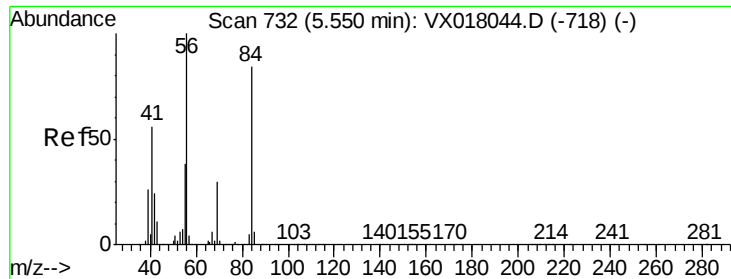
Tgt Ion: 83 Resp: 162859

Ion Ratio Lower Upper

83 100

85 64.5 50.7 76.1

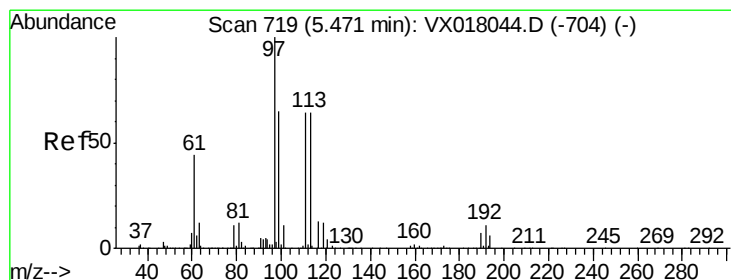
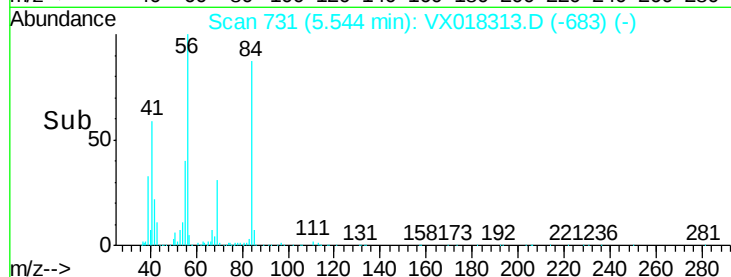
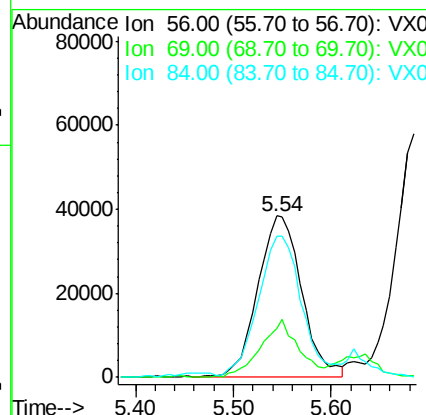
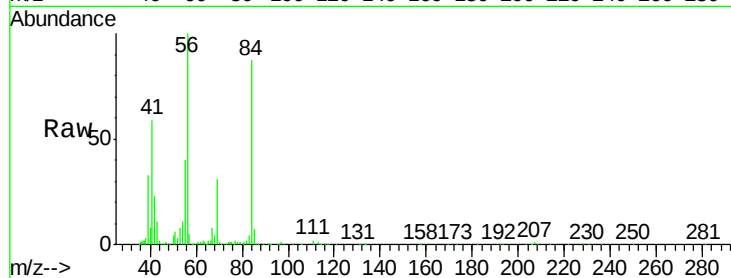




#31  
Cyclohexane  
Concen: 16.714 ug/l  
RT: 5.54 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

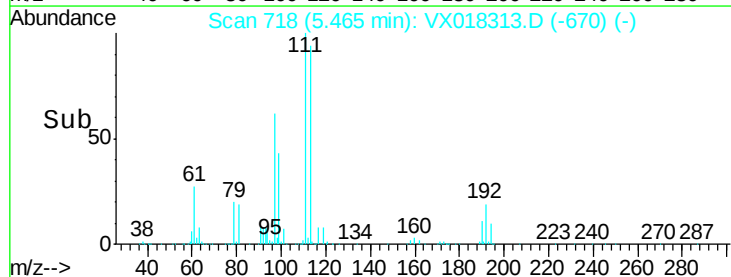
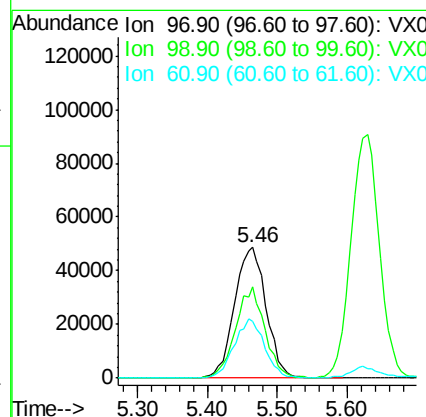
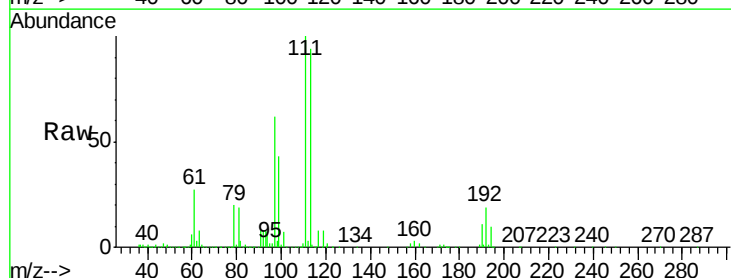
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

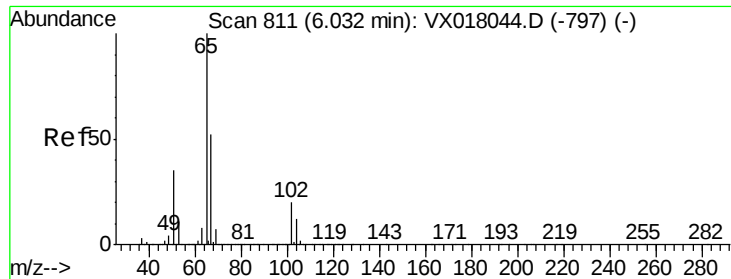
Tgt Ion: 56 Resp: 119685  
Ion Ratio Lower Upper  
56 100  
69 30.2 23.9 35.9  
84 84.8 67.0 100.4



#32  
1,1,1-Trichloroethane  
Concen: 18.871 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion: 97 Resp: 152435  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.4 77.0  
61 43.1 34.2 51.4

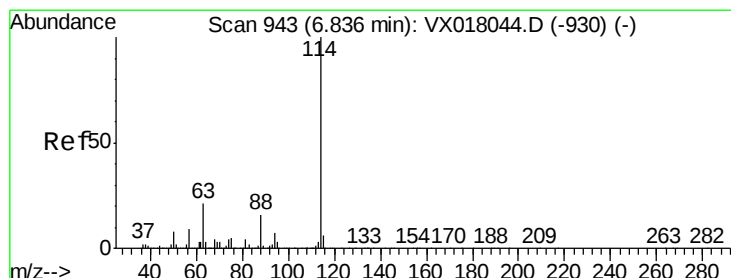
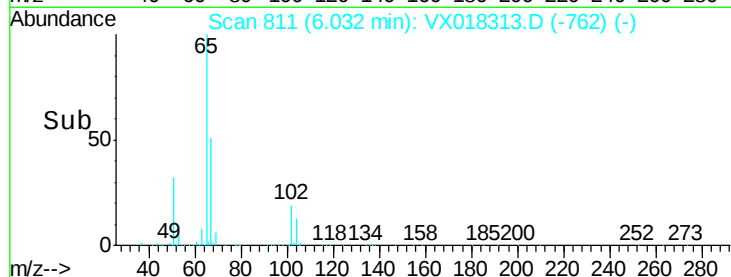
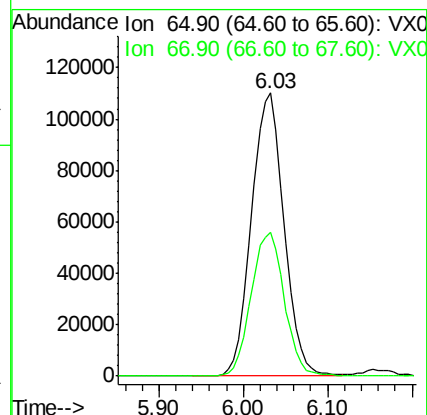
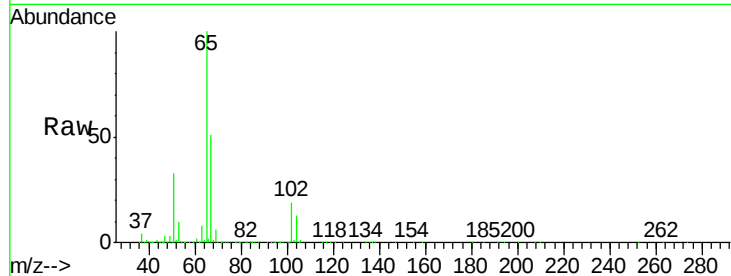




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.115 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

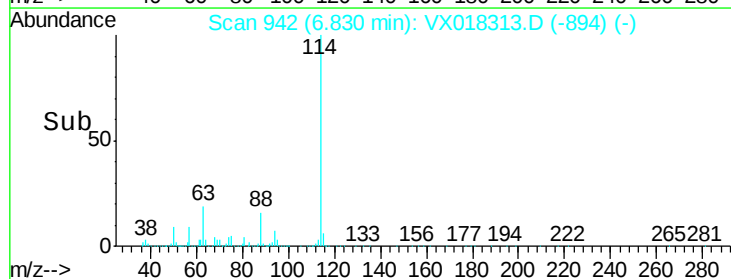
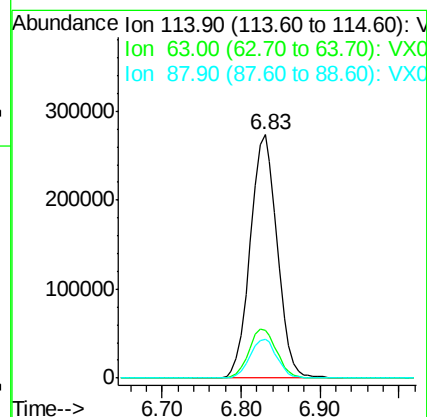
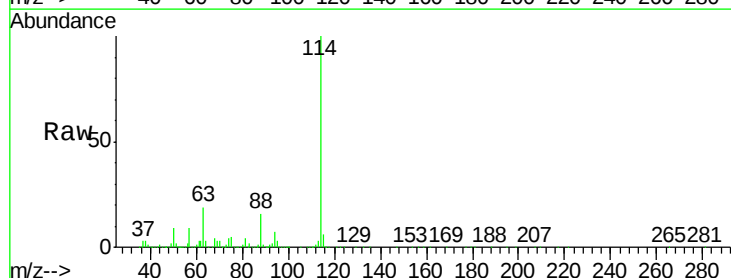
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

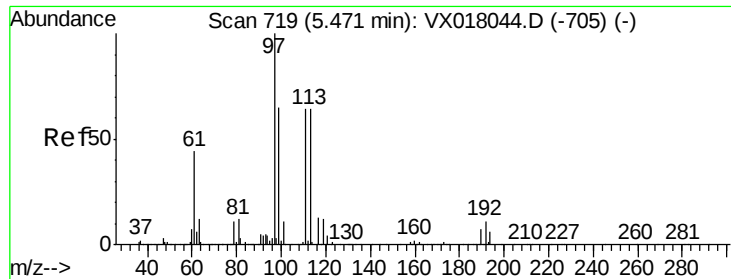
Tgt Ion: 65 Resp: 287852  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Tgt Ion: 114 Resp: 648391  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 42.6  
 88 16.2 0.0 31.8

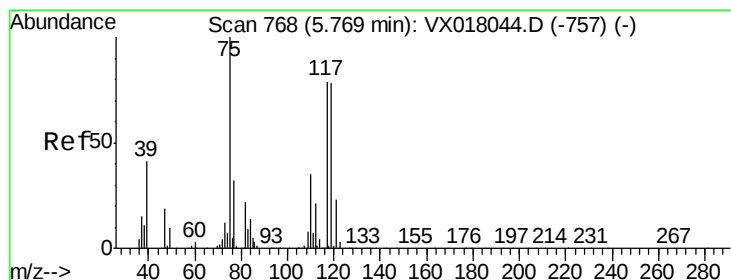
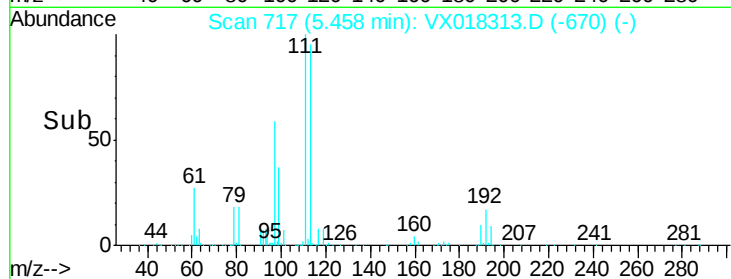
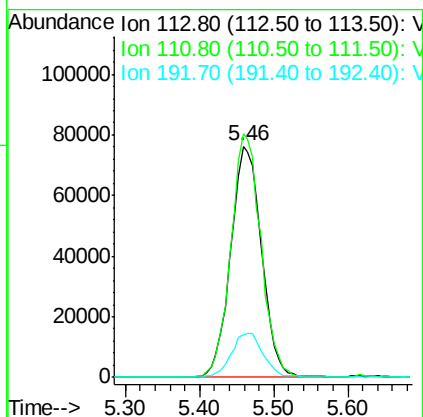
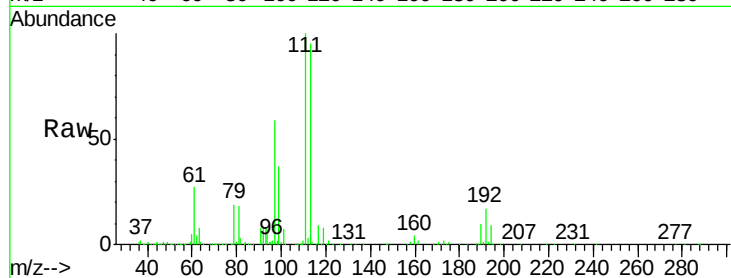




#35  
 Dibromofluoromethane  
 Concen: 50.272 ug/l  
 RT: 5.46 min Scan# 717  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

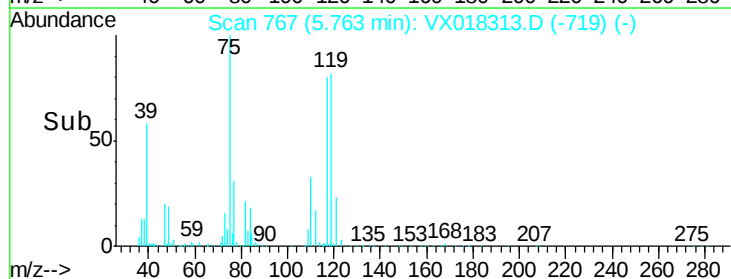
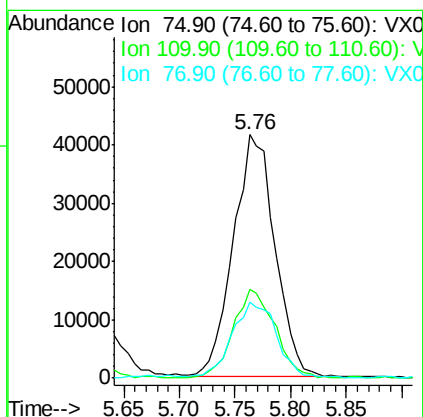
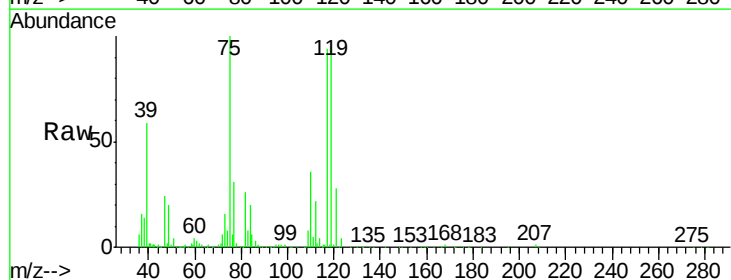
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

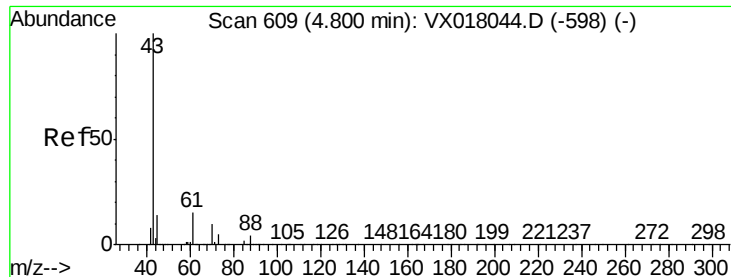
Tgt Ion: 113 Resp: 221994  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 81.6 122.4  
 192 19.7 15.8 23.8



#36  
 1,1-Dichloropropene  
 Concen: 18.158 ug/l  
 RT: 5.76 min Scan# 767  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Tgt Ion: 75 Resp: 108592  
 Ion Ratio Lower Upper  
 75 100  
 110 36.8 18.0 54.0  
 77 33.8 24.4 36.6

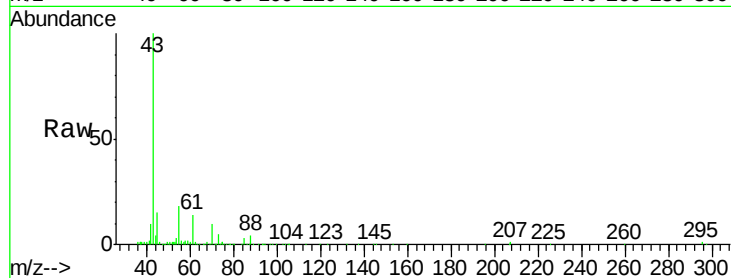




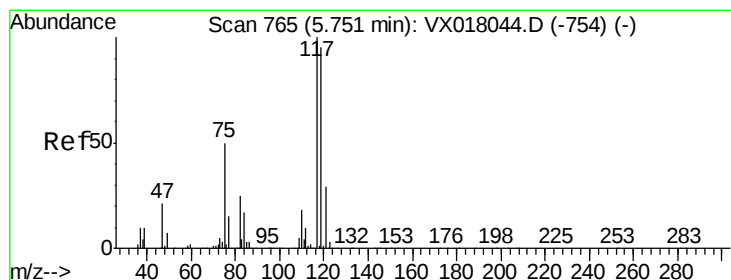
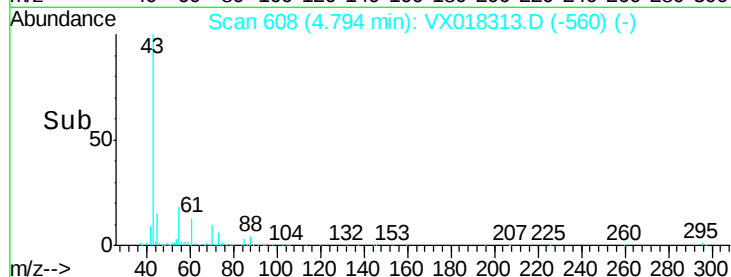
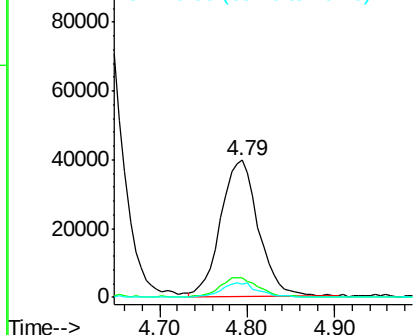
#37  
Ethyl Acetate  
Concen: 17.065 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

Tgt Ion: 43 Resp: 118535  
Ion Ratio Lower Upper  
43 100  
61 14.2 11.3 16.9  
70 10.1 8.2 12.4

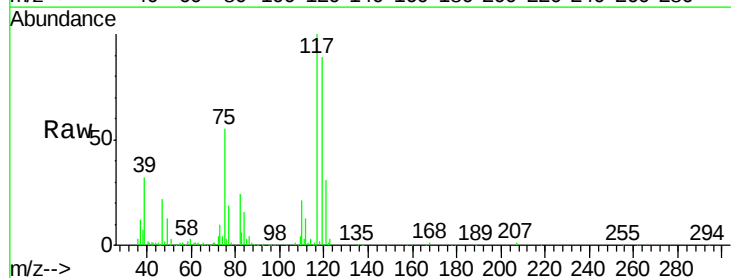


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

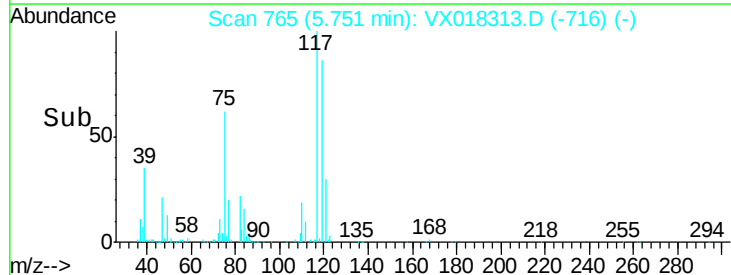
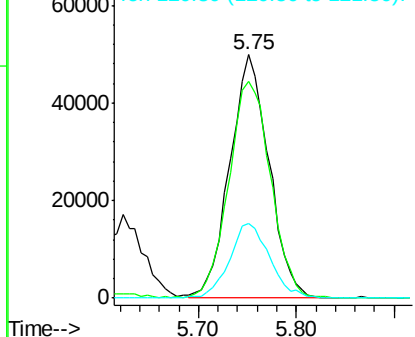


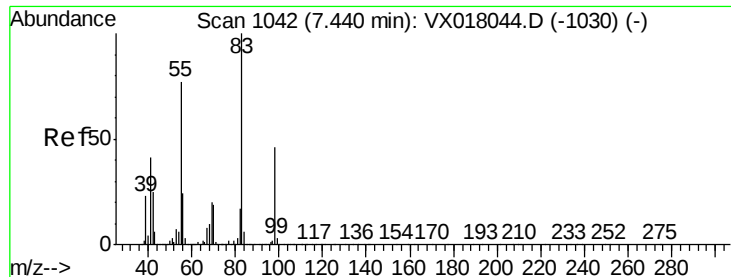
#38  
Carbon Tetrachloride  
Concen: 20.593 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion: 117 Resp: 138793  
Ion Ratio Lower Upper  
117 100  
119 88.6 75.8 113.6  
121 30.5 23.4 35.0



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

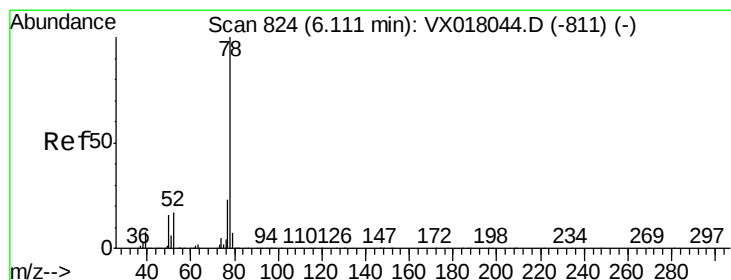
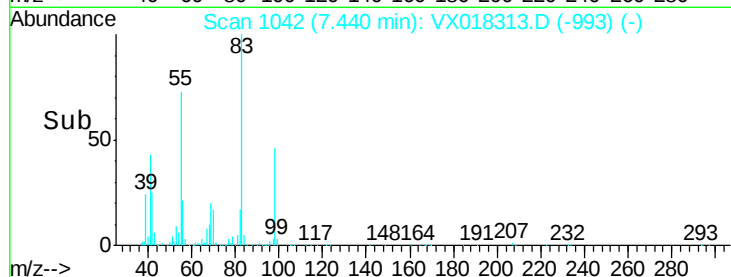
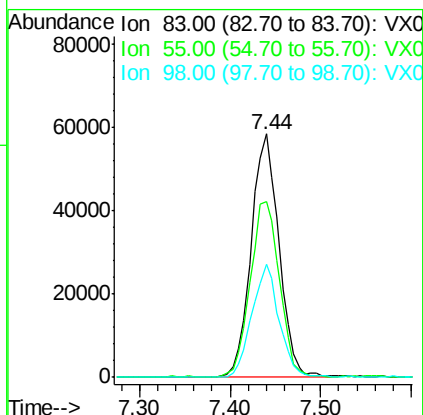
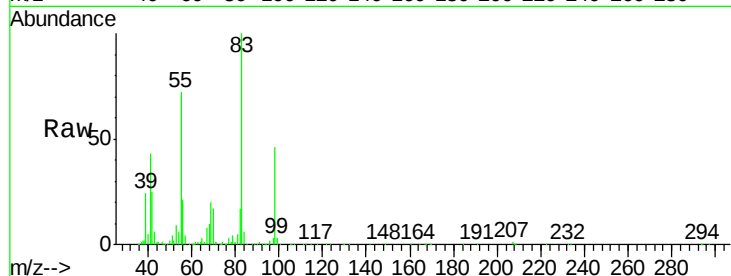




#39  
Methylcyclohexane  
Concen: 19.032 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

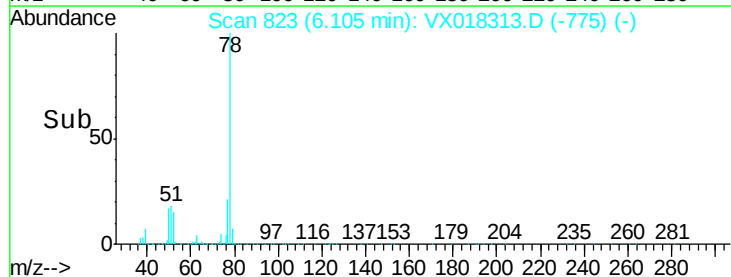
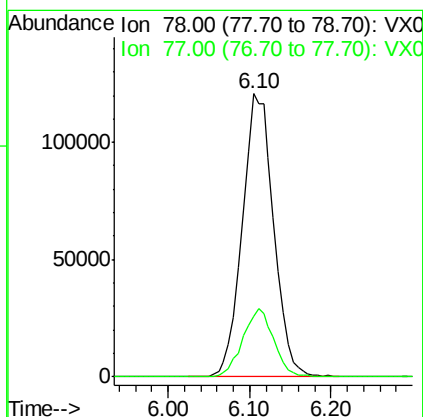
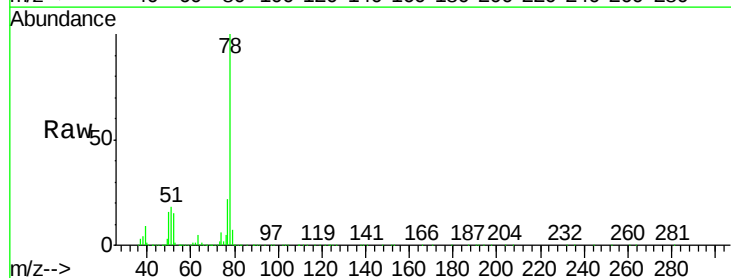
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

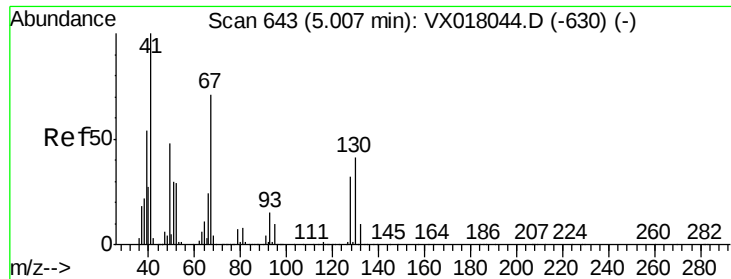
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.1  | 61.8  | 92.6  |
| 98      | 45.9  | 36.6  | 55.0  |



#40  
Benzene  
Concen: 18.344 ug/l  
RT: 6.10 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 21.6  | 18.2  | 27.2  |

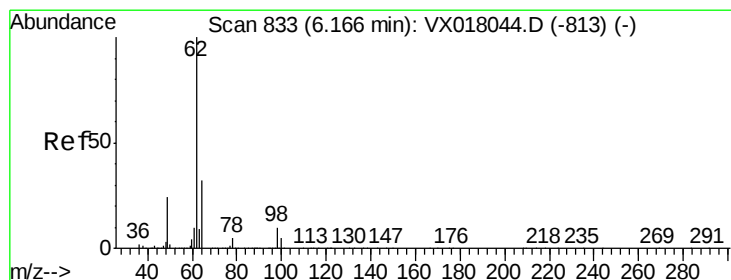
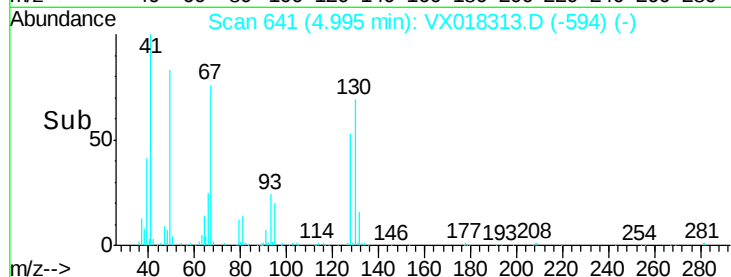
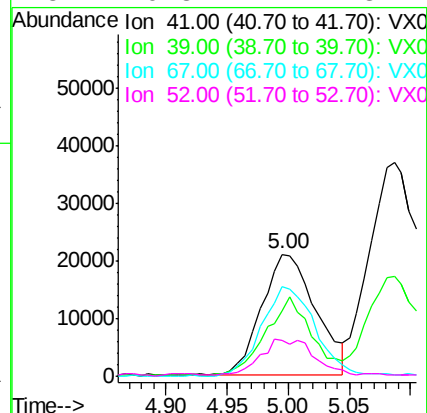
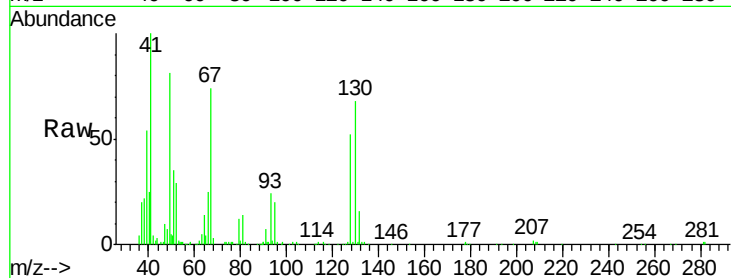




#41  
Methacrylonitrile  
Concen: 16.871 ug/l  
RT: 5.00 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

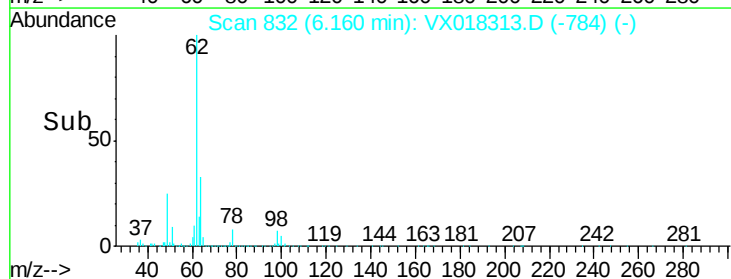
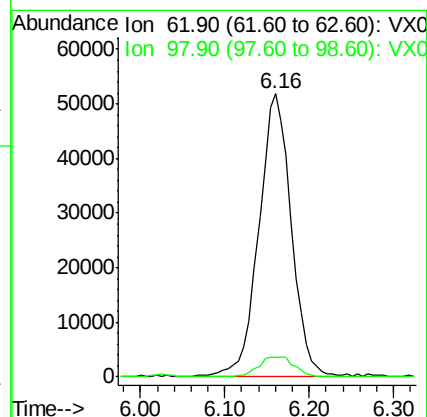
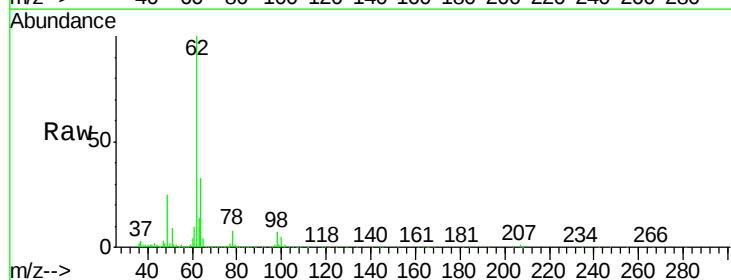
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

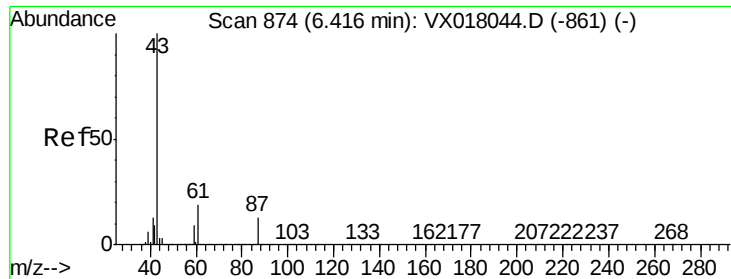
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 64342 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.9  | 43.1  | 64.7  |
| 67       | 74.2  | 56.0  | 84.0  |
| 52       | 29.3  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 20.098 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 135317 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.0   | 0.0   | 18.2   |



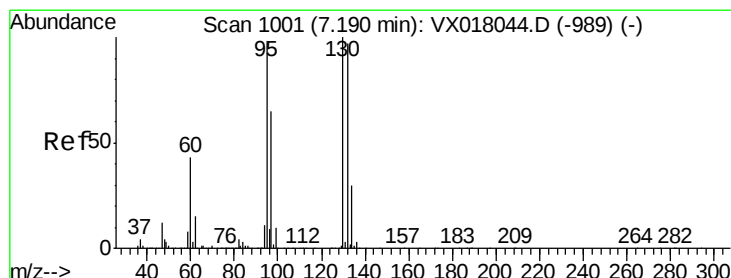
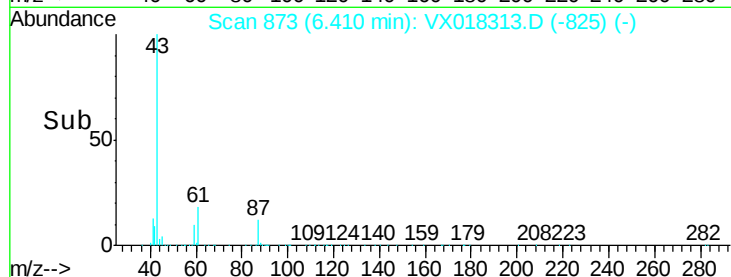
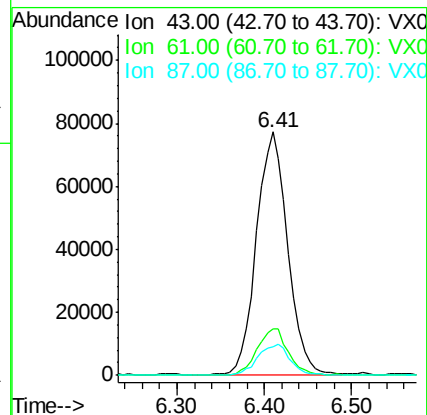
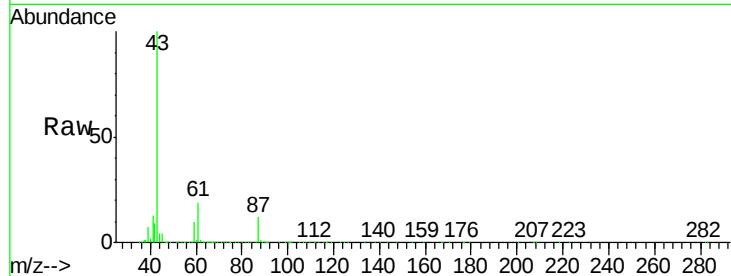


#43

Isopropyl Acetate  
 Concen: 17.200 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

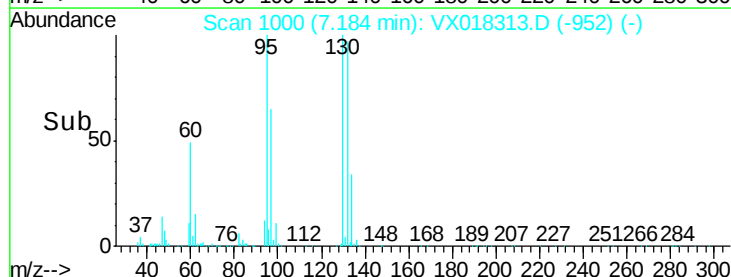
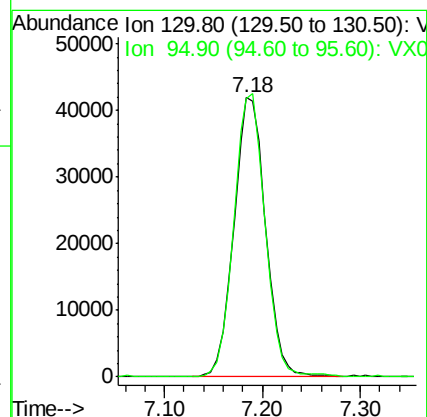
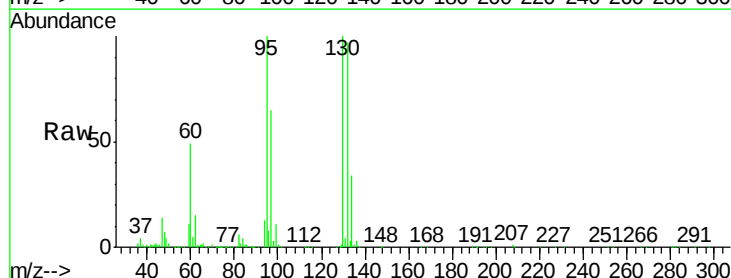
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.3  | 15.7  | 23.5  |
| 87      | 13.3  | 10.3  | 15.5  |

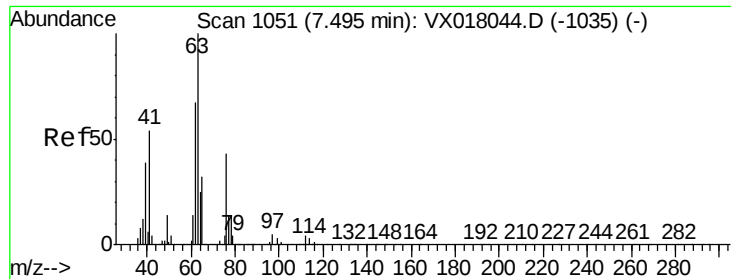


#44

Trichloroethene  
 Concen: 18.904 ug/l  
 RT: 7.18 min Scan# 1000  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.4  | 0.0   | 196.4 |





#45

1,2-Dichloropropane

Concen: 18.357 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

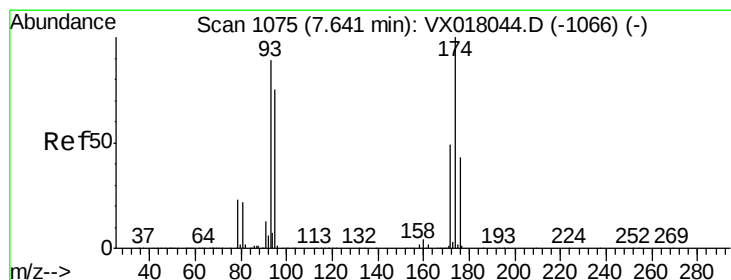
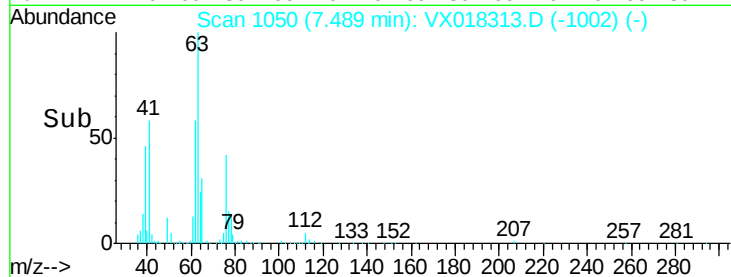
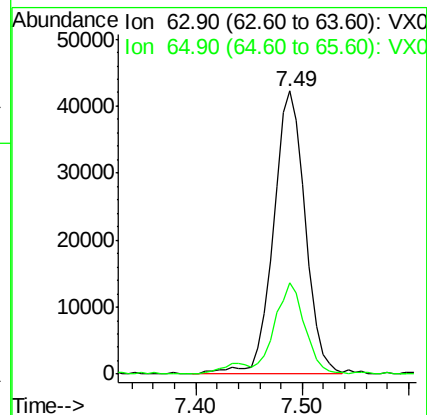
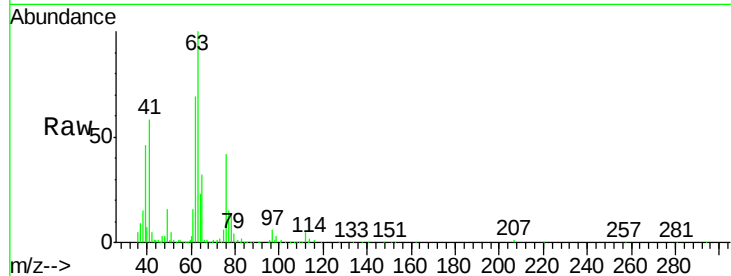
VX0909WBS01

Tgt Ion: 63 Resp: 86944

Ion Ratio Lower Upper

63 100

65 32.2 25.7 38.5



#46

Dibromomethane

Concen: 18.086 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

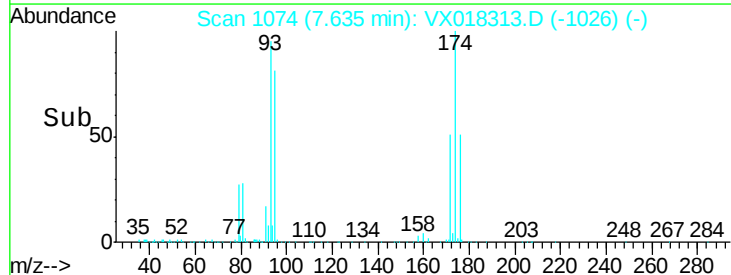
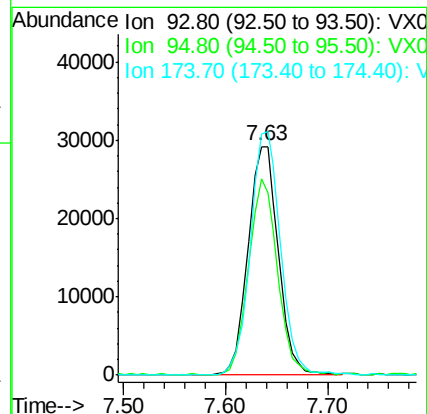
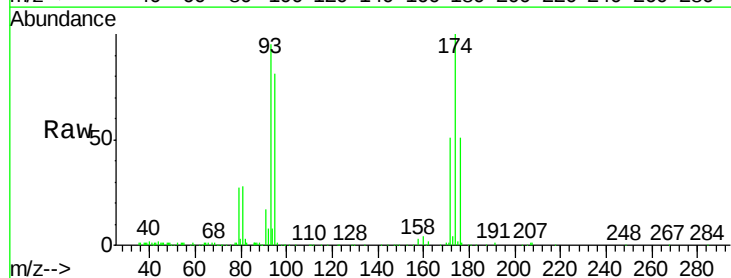
Tgt Ion: 93 Resp: 60237

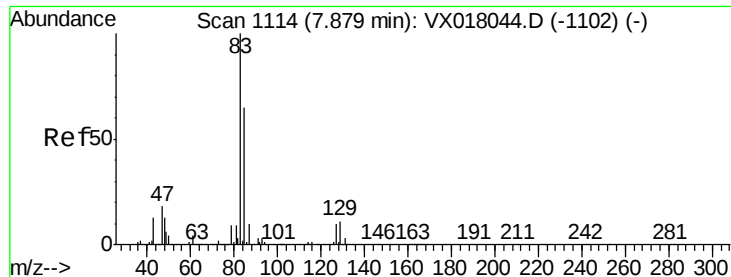
Ion Ratio Lower Upper

93 100

95 81.5 67.3 100.9

174 106.7 82.2 123.2





#47

Bromodichloromethane

Concen: 19.610 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS01

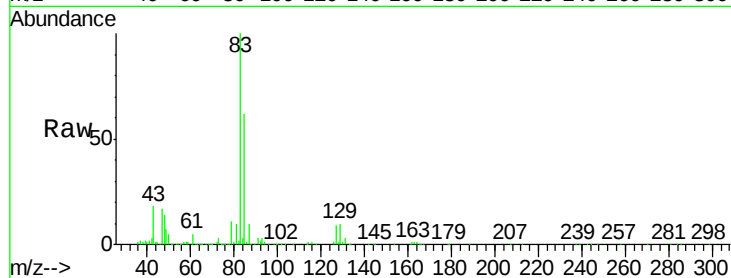
Tgt Ion: 83 Resp: 130410

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.6

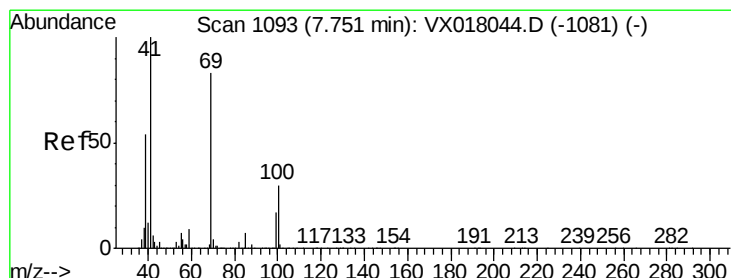
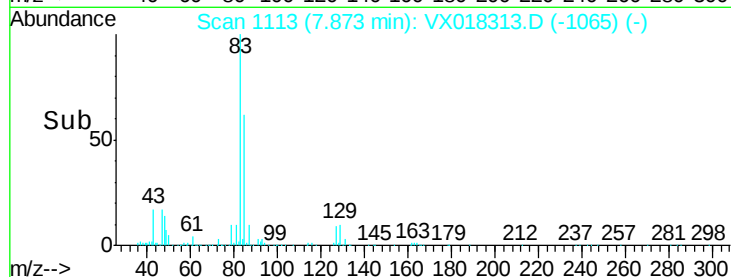
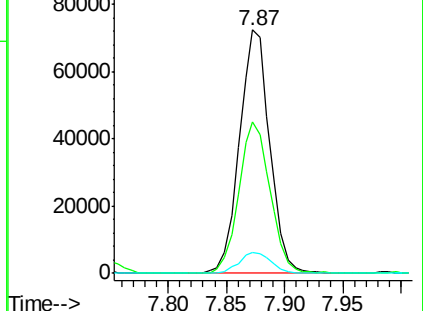
127 8.8 7.7 11.5



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: 16.678 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

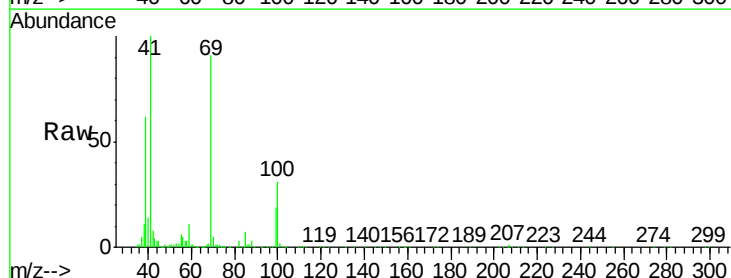
Tgt Ion: 41 Resp: 93145

Ion Ratio Lower Upper

41 100

69 84.7 65.5 98.3

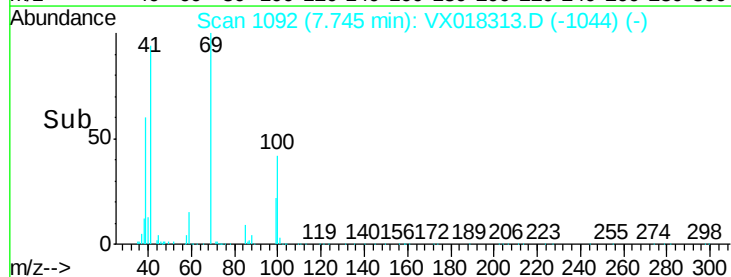
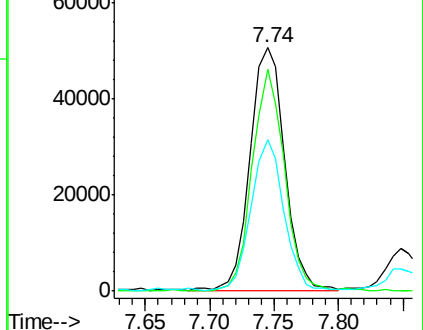
39 59.1 44.5 66.7

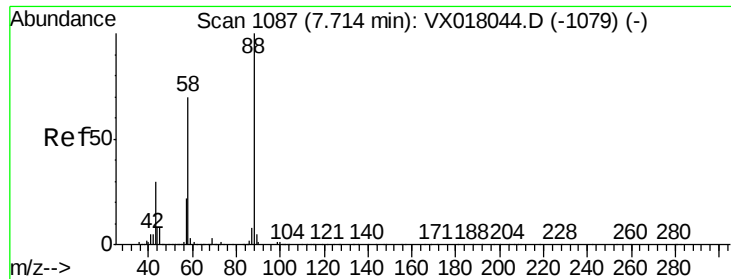


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

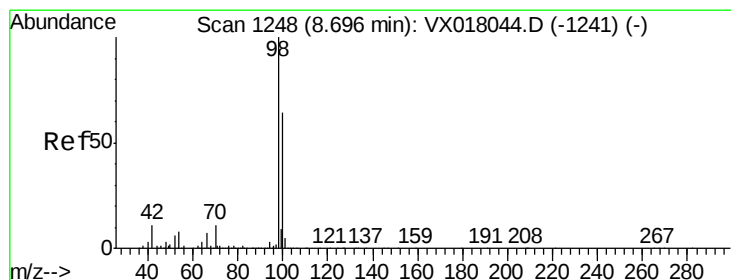
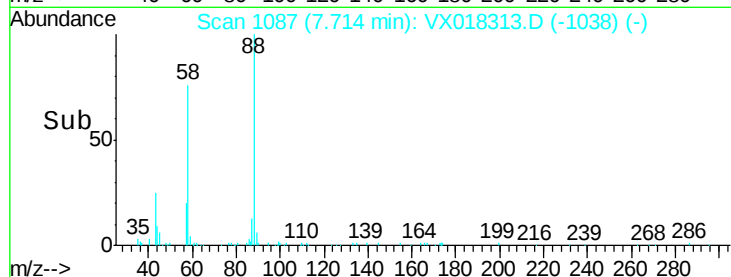
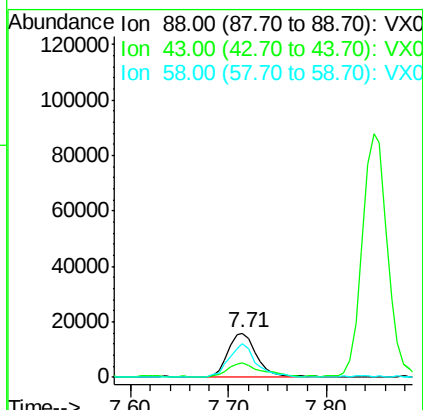
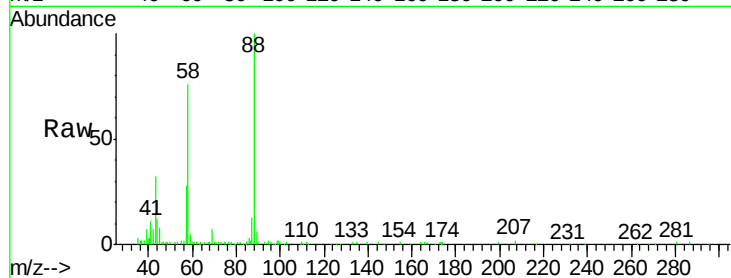




#49  
1,4-Dioxane  
Concen: 325.736 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

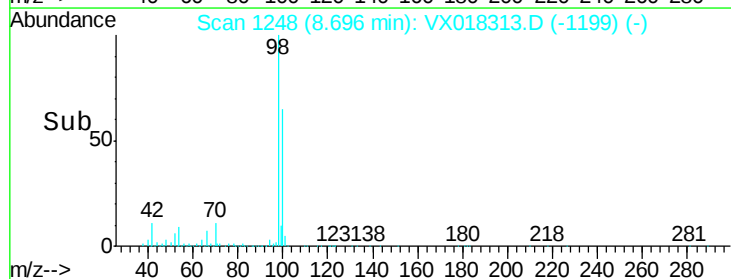
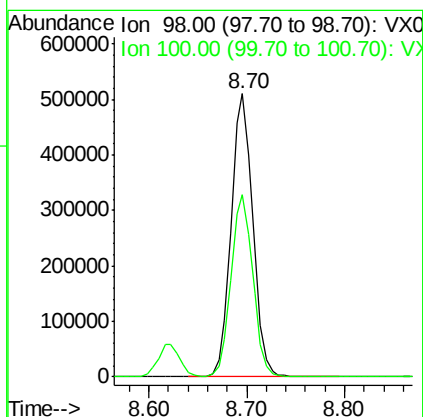
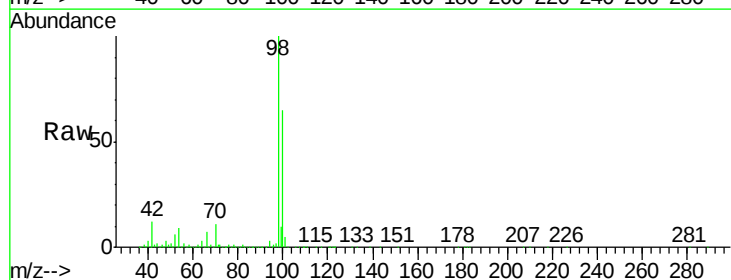
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

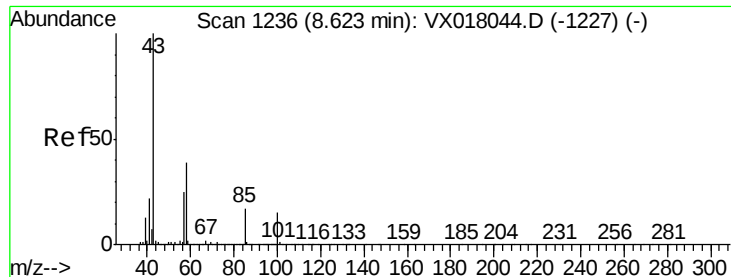
Tgt Ion: 88 Resp: 32953  
Ion Ratio Lower Upper  
88 100  
43 35.7 27.4 41.0  
58 72.4 56.4 84.6



#50  
Toluene-d8  
Concen: 47.525 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion: 98 Resp: 781647  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.2 78.4

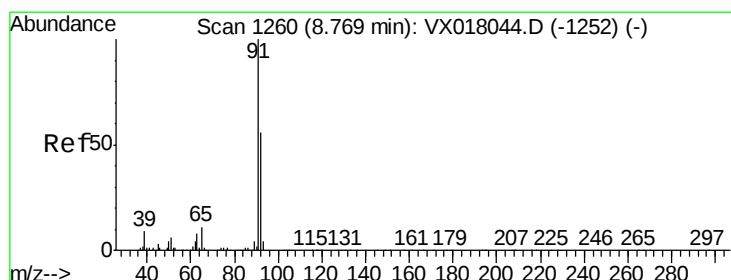
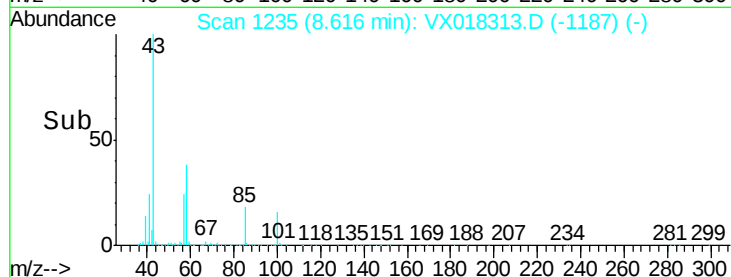
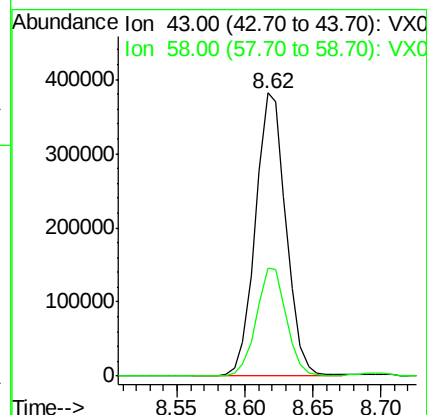
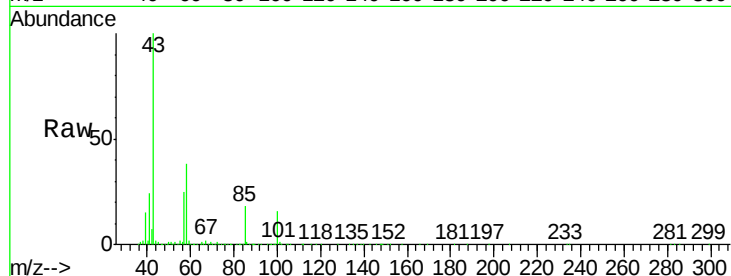




#51  
 4-Methyl-2-Pentanone  
 Concen: 86.721 ug/l  
 RT: 8.62 min Scan# 1235  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

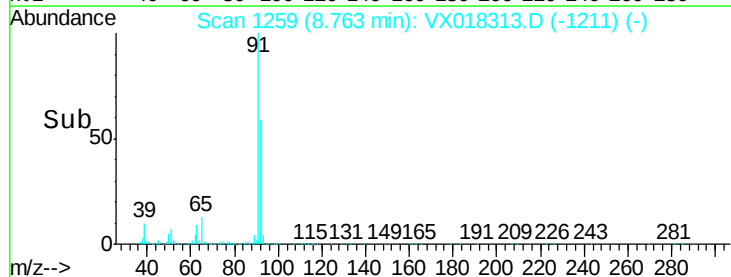
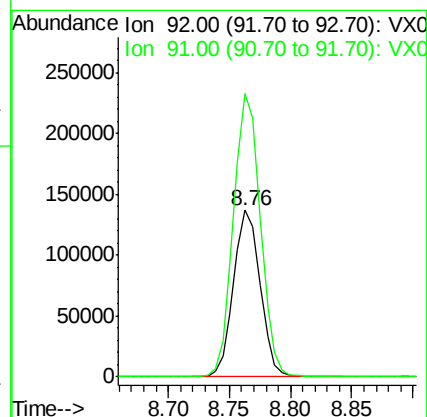
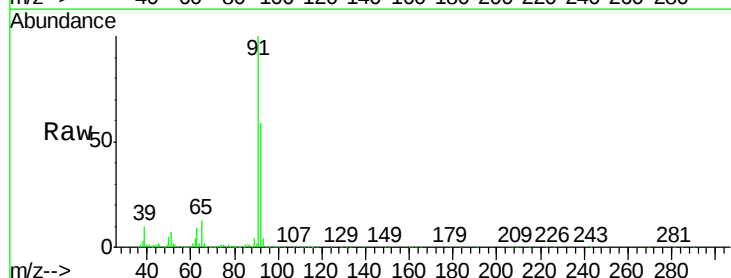
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

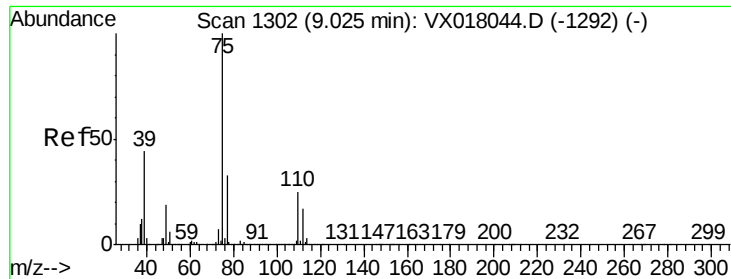
Tgt Ion: 43 Resp: 600975  
 Ion Ratio Lower Upper  
 43 100  
 58 37.9 30.7 46.1



#52  
 Toluene  
 Concen: 18.543 ug/l  
 RT: 8.76 min Scan# 1259  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Tgt Ion: 92 Resp: 206623  
 Ion Ratio Lower Upper  
 92 100  
 91 171.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 18.623 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampled :

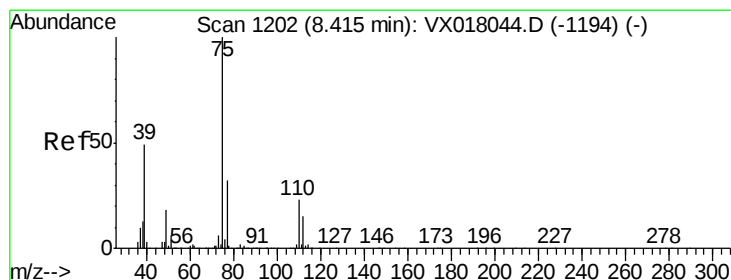
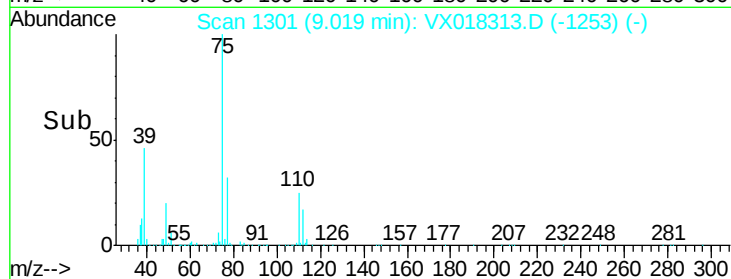
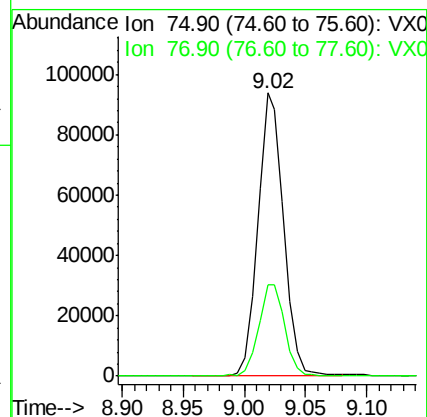
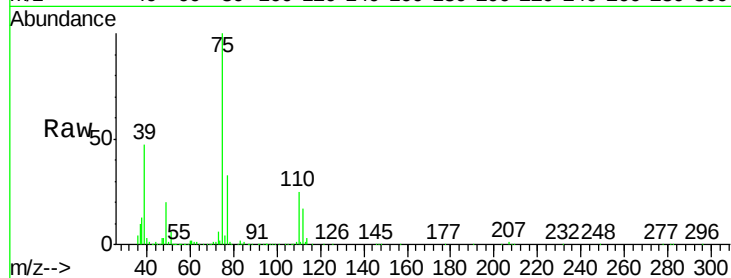
VX0909WBS01

Tgt Ion: 75 Resp: 137261

Ion Ratio Lower Upper

75 100

77 32.3 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 18.582 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

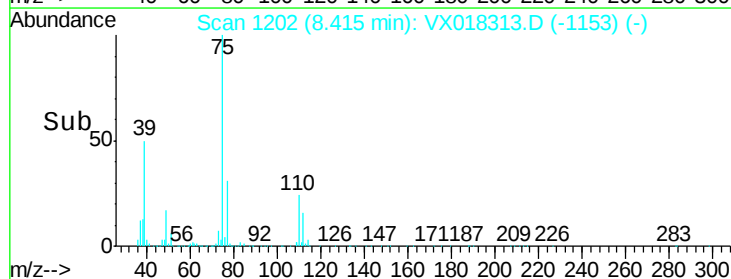
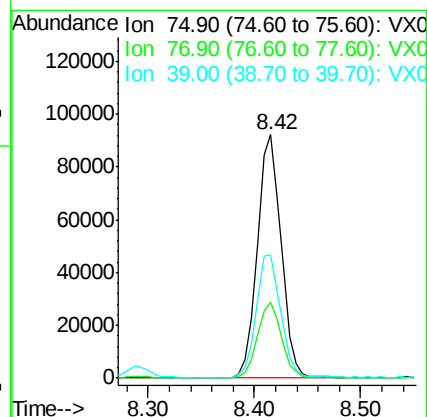
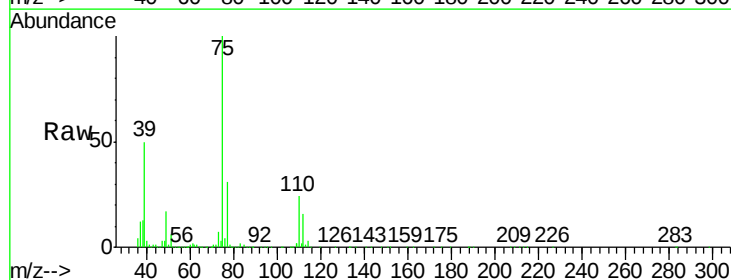
Tgt Ion: 75 Resp: 145077

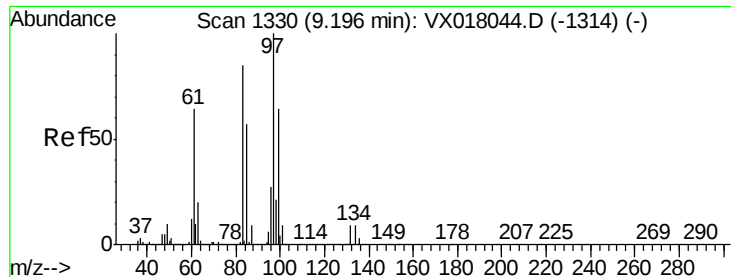
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.8

39 50.4 38.8 58.2

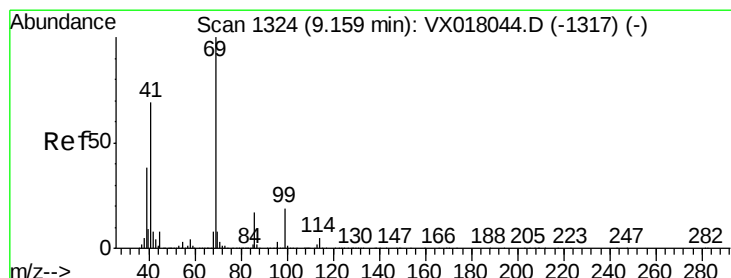
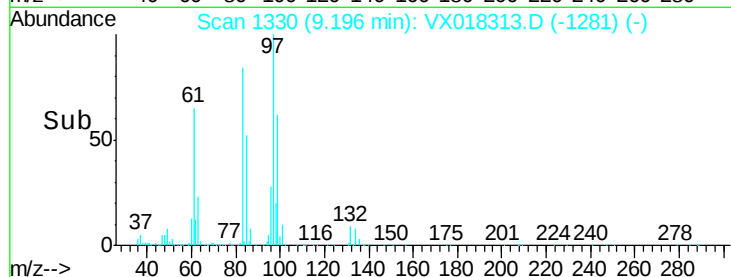
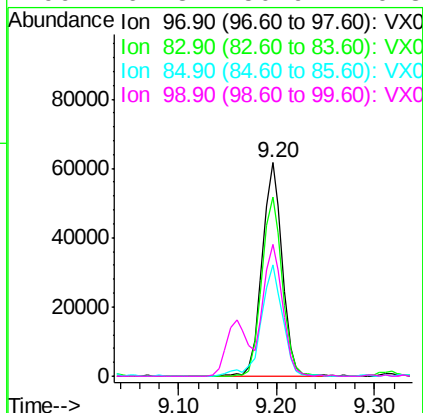
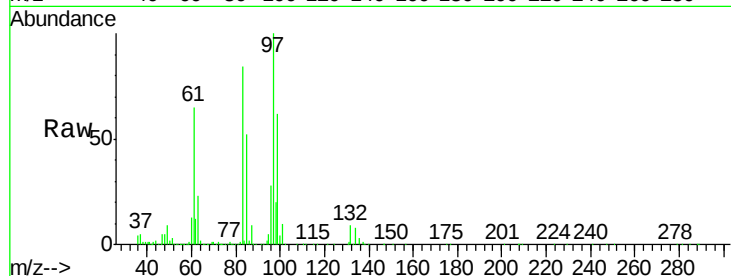




#55  
 1,1,2-Trichloroethane  
 Concen: 18.496 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

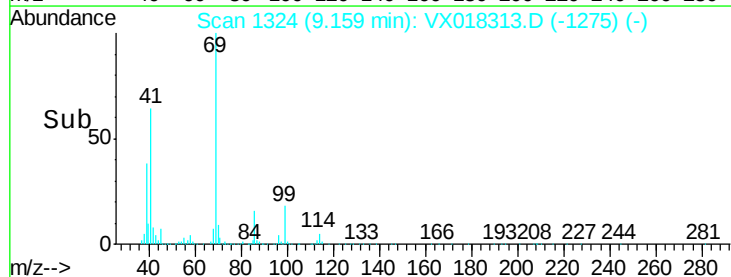
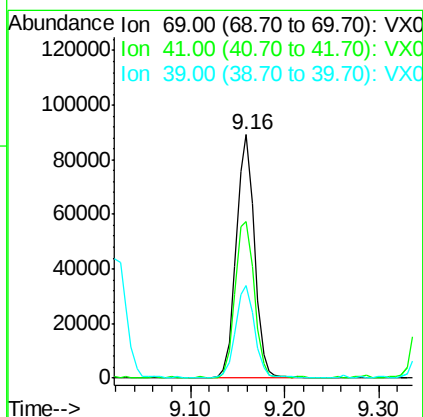
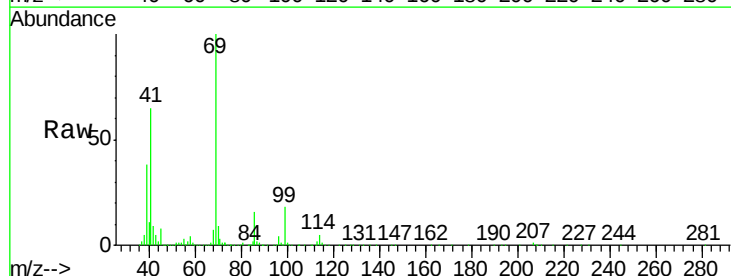
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

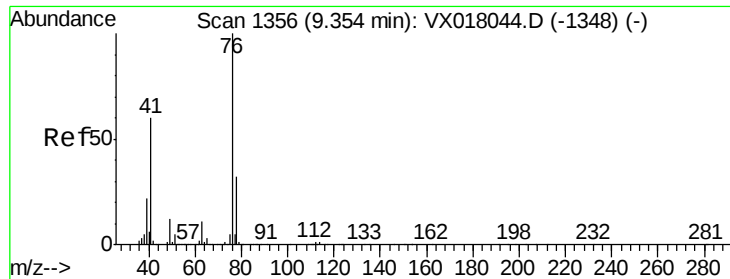
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 87901 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.8  | 67.8  | 101.6 |
| 85       | 52.0  | 45.3  | 67.9  |
| 99       | 61.8  | 50.9  | 76.3  |



#56  
 Ethyl methacrylate  
 Concen: 17.015 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 120206 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.2  | 54.6  | 81.8   |
| 39       | 39.4  | 29.1  | 43.7   |





#57

1,3-Dichloropropane

Concen: 18.191 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampled :

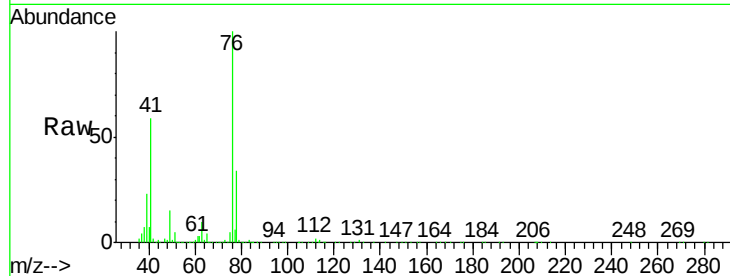
VX0909WBS01

Tgt Ion: 76 Resp: 142584

Ion Ratio Lower Upper

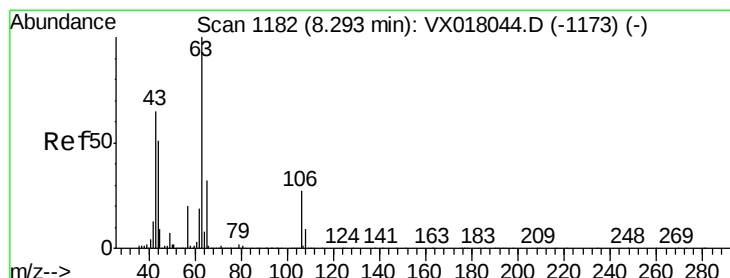
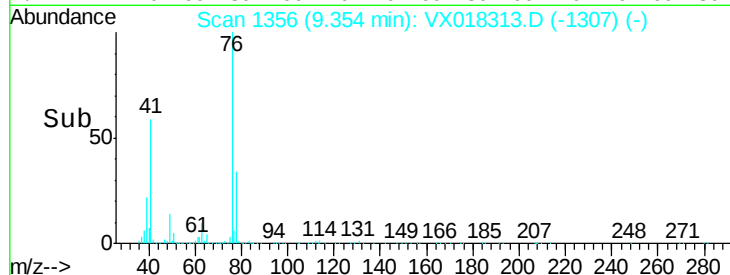
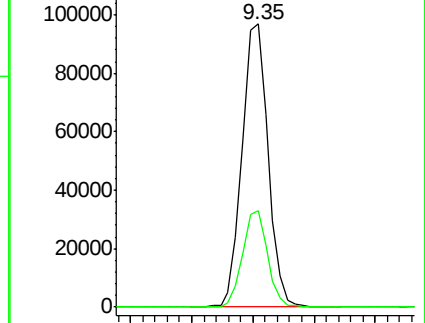
76 100

78 32.7 25.8 38.6



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: 92.162 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018313.D

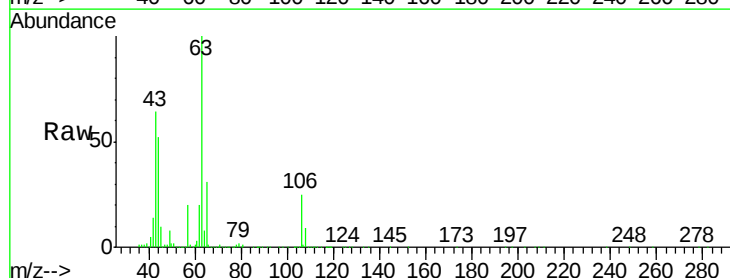
Acq: 09 Sep 2020 11:35

Tgt Ion: 63 Resp: 292902

Ion Ratio Lower Upper

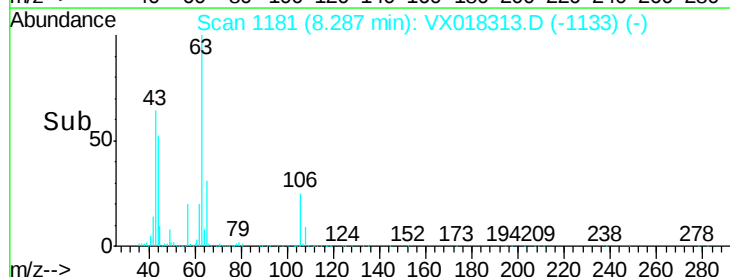
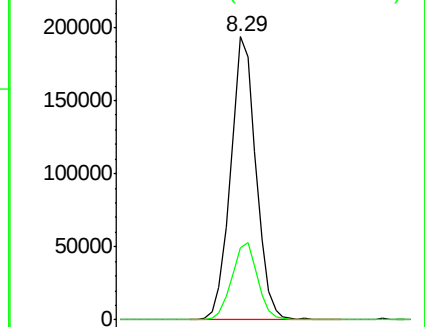
63 100

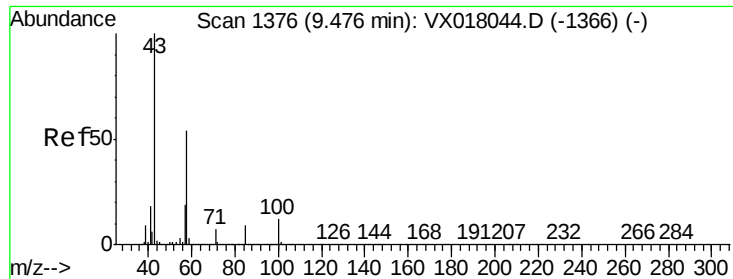
106 27.7 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

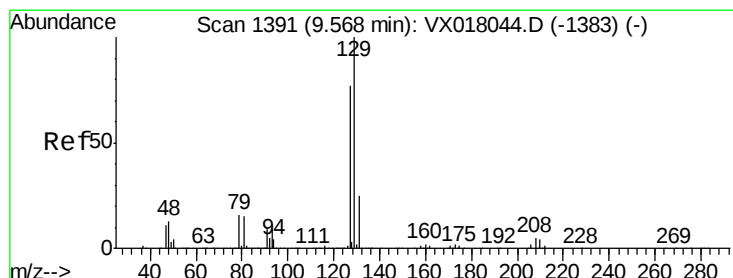
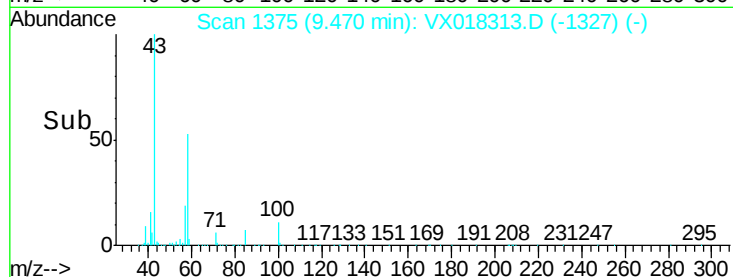
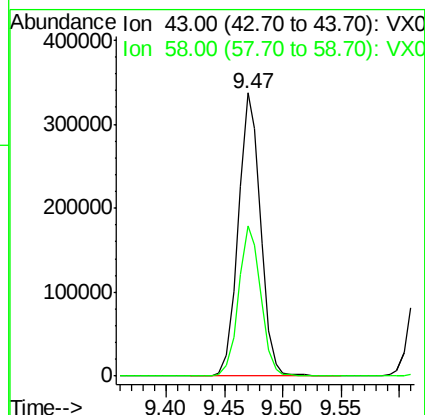
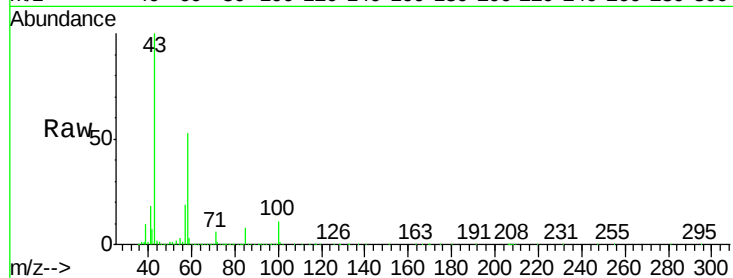




#59  
2-Hexanone  
Concen: 85.286 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

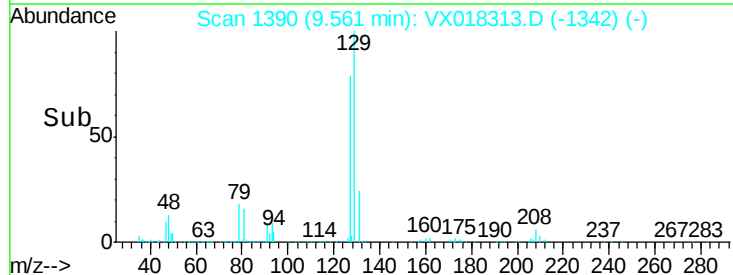
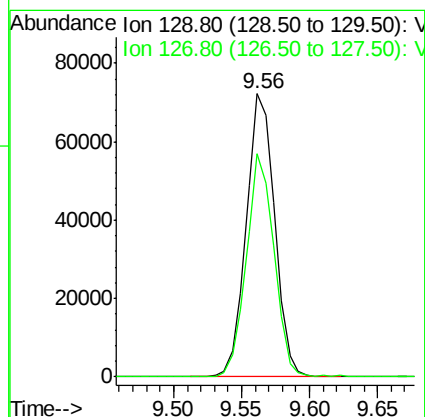
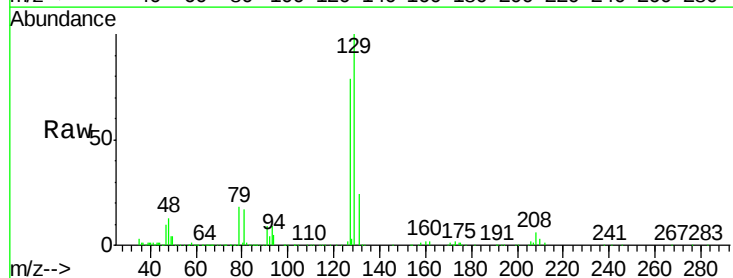
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

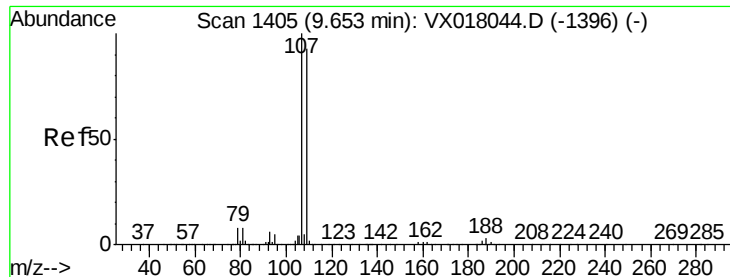
Tgt Ion: 43 Resp: 449412  
Ion Ratio Lower Upper  
43 100  
58 52.6 26.6 79.7



#60  
Dibromochloromethane  
Concen: 18.967 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion: 129 Resp: 105742  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.348 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

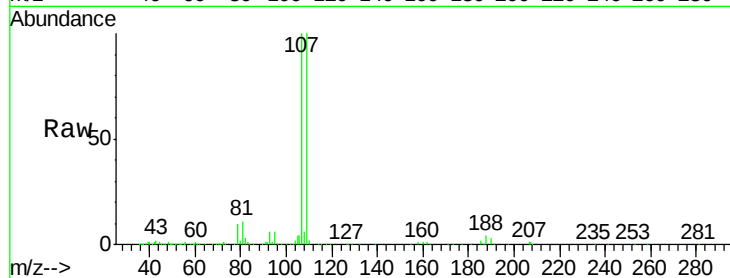
VX0909WBS01

Tgt Ion: 107 Resp: 94666

Ion Ratio Lower Upper

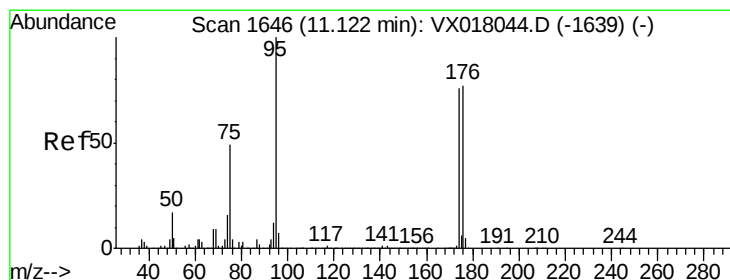
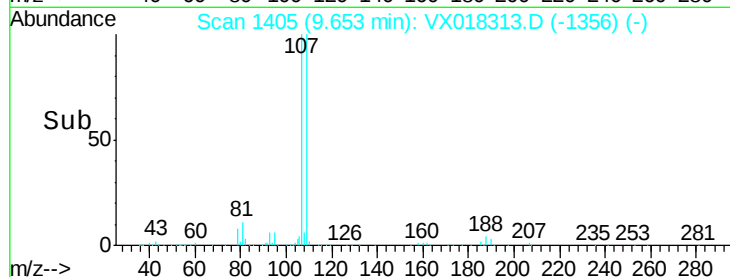
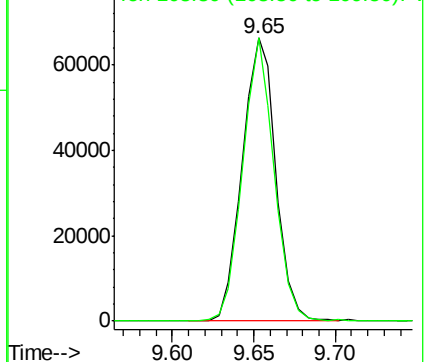
107 100

109 94.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.850 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

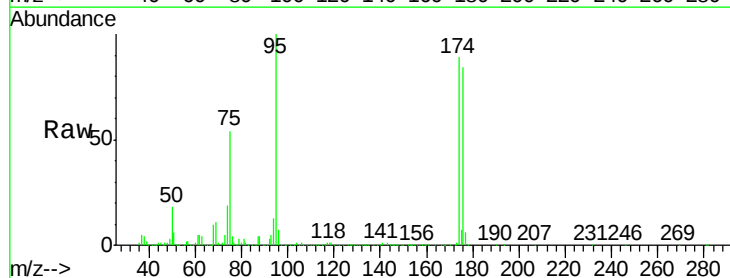
Tgt Ion: 95 Resp: 296695

Ion Ratio Lower Upper

95 100

174 84.9 0.0 160.2

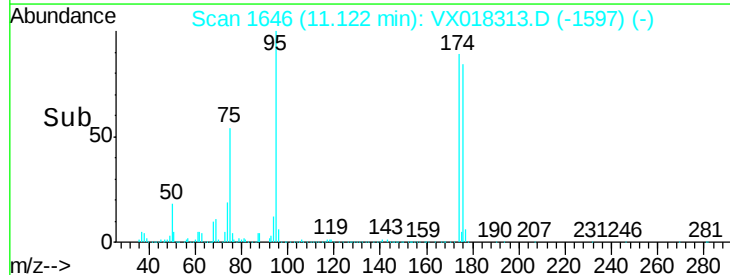
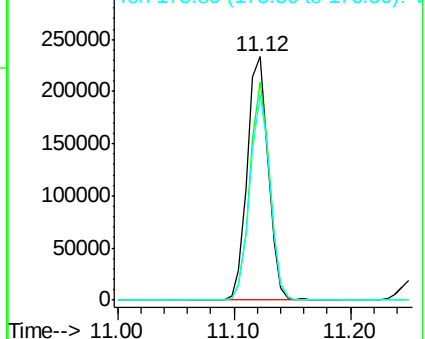
176 81.0 0.0 155.8

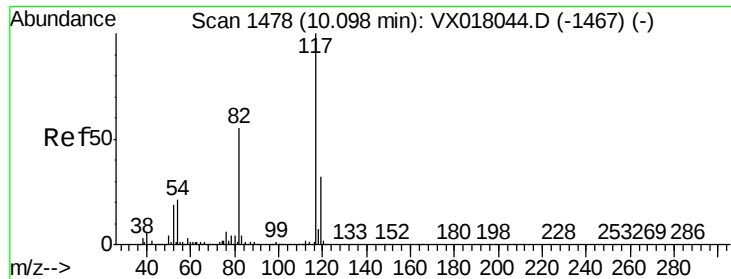


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

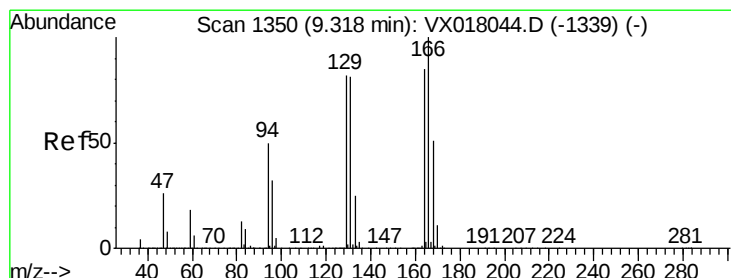
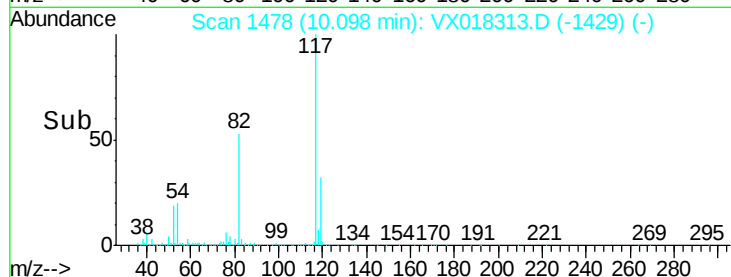
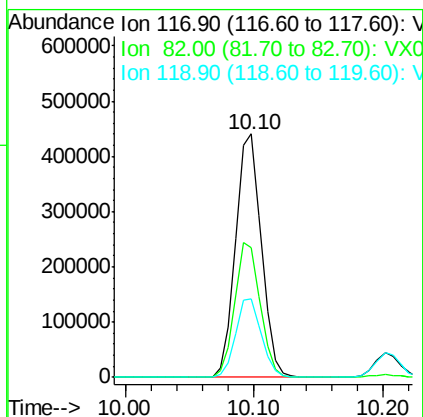
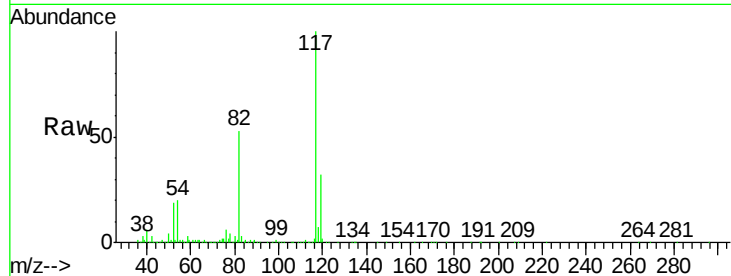




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

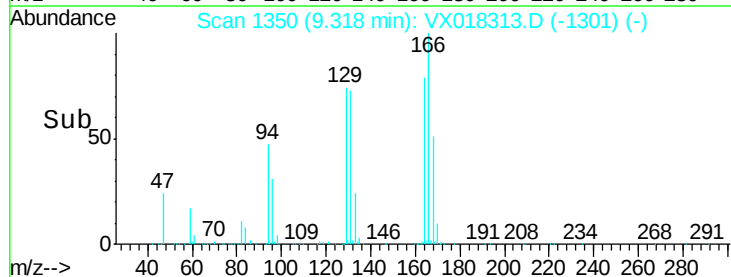
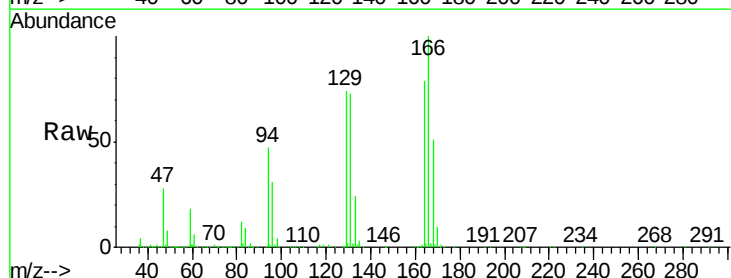
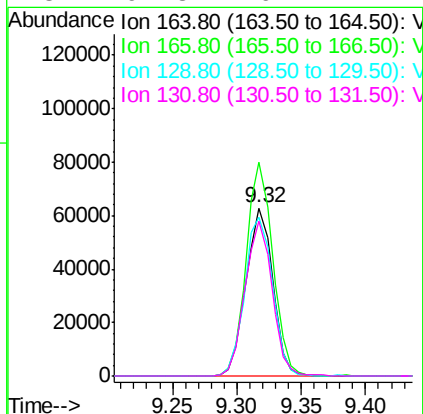
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

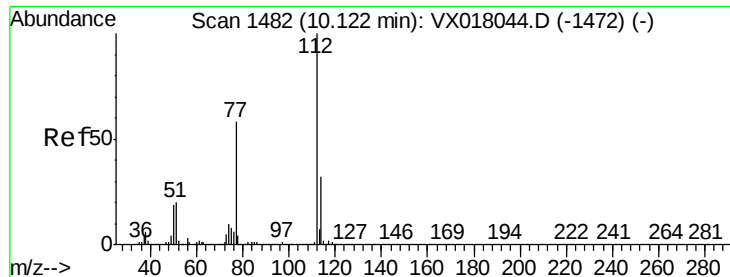
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.2  | 44.2  | 66.2  |
| 119     | 32.5  | 25.7  | 38.5  |



#64  
Tetrachloroethene  
Concen: 19.923 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.1 | 94.2  | 141.2 |
| 129     | 94.3  | 76.9  | 115.3 |
| 131     | 92.3  | 76.1  | 114.1 |





#65

Chlorobenzene

Concen: 18.457 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

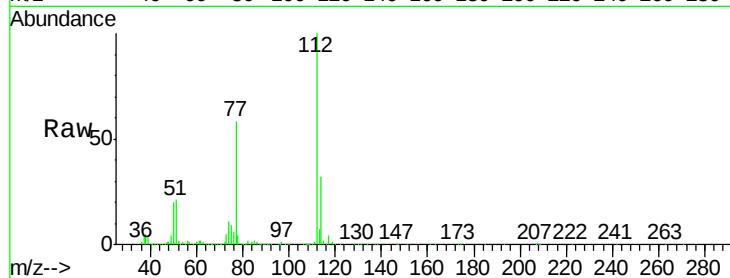
VX0909WBS01

Tgt Ion:112 Resp: 226320

Ion Ratio Lower Upper

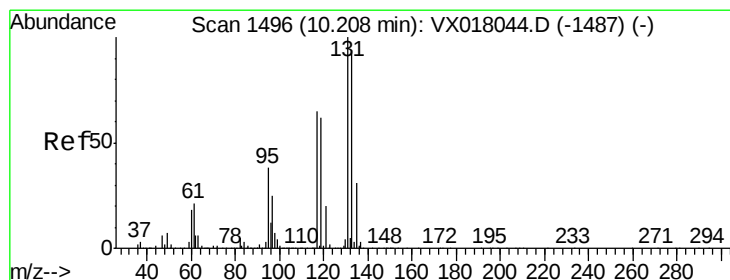
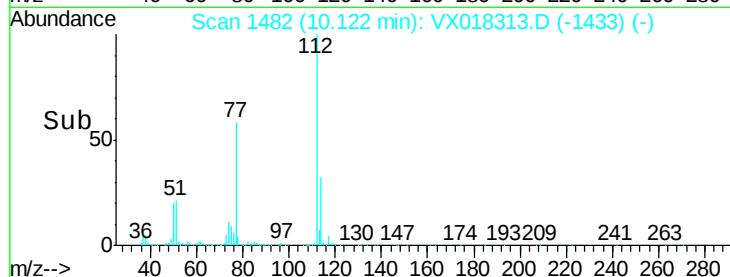
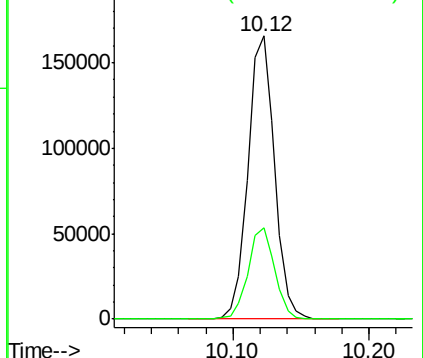
112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.437 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

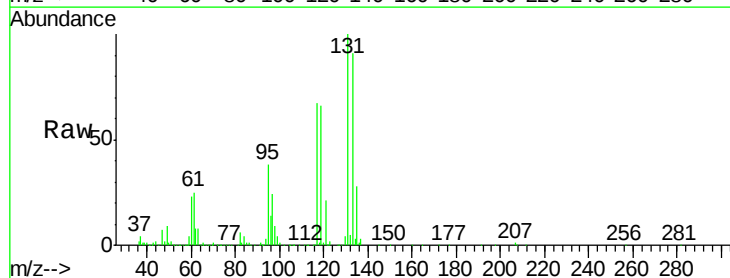
Tgt Ion:131 Resp: 93938

Ion Ratio Lower Upper

131 100

133 94.9 46.7 140.1

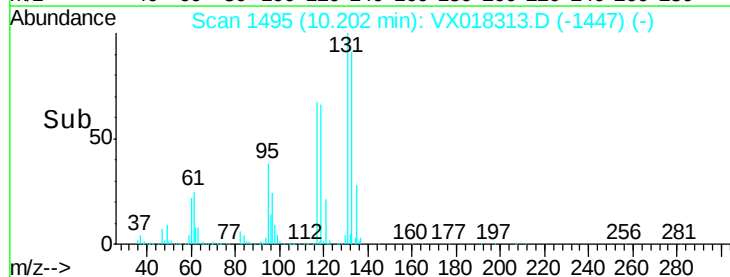
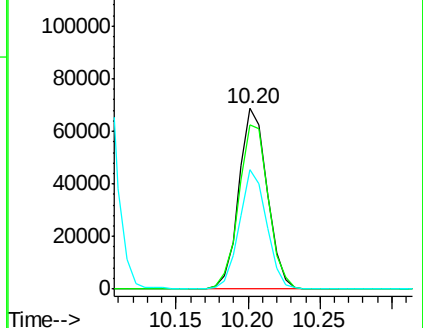
119 63.9 31.8 95.4

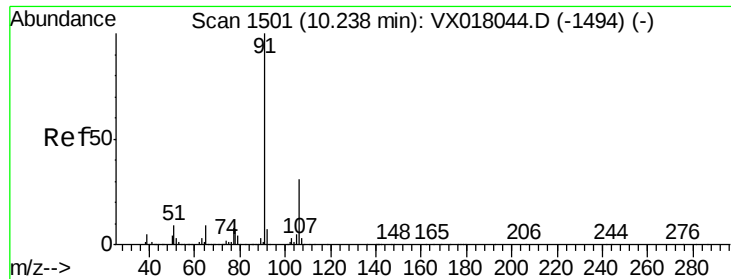


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.707 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampled :

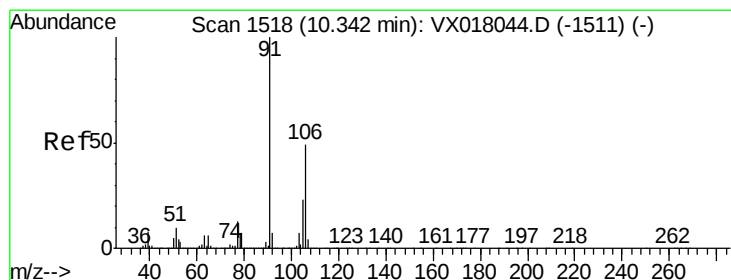
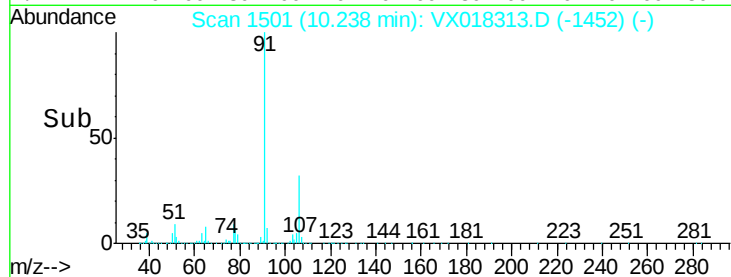
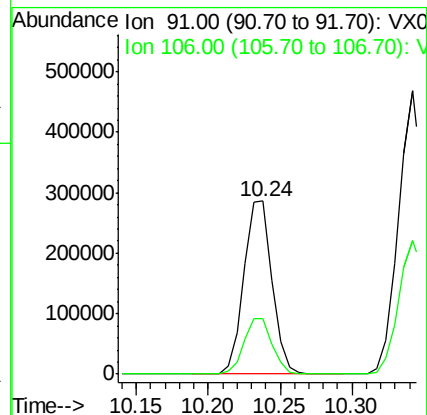
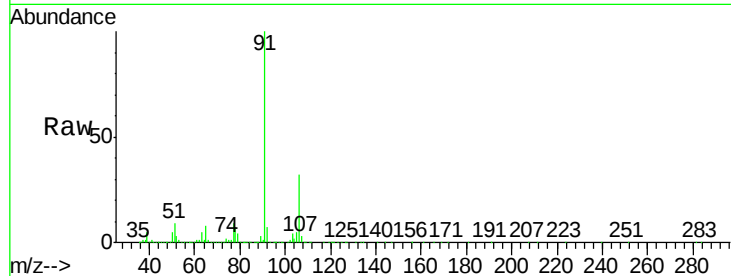
VX0909WBS01

Tgt Ion: 91 Resp: 390088

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 37.839 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018313.D

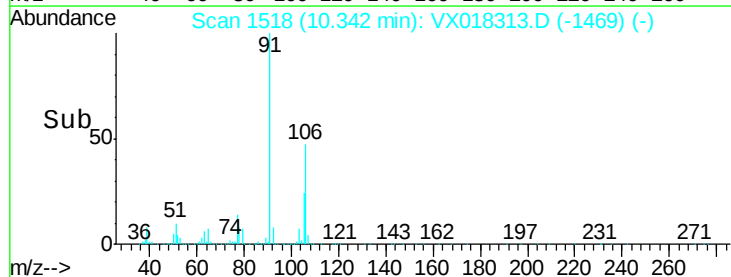
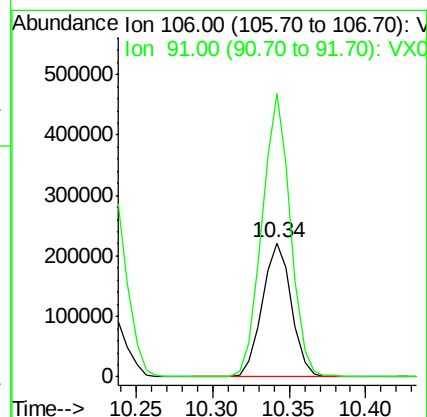
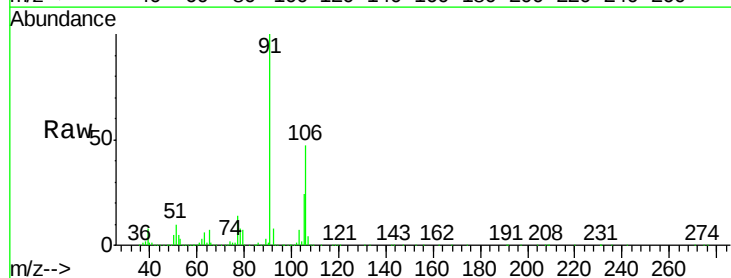
Acq: 09 Sep 2020 11:35

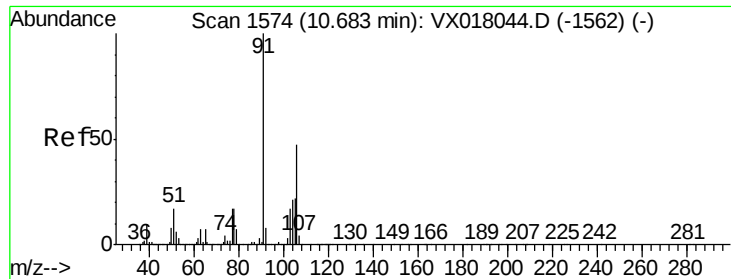
Tgt Ion: 106 Resp: 294510

Ion Ratio Lower Upper

106 100

91 205.6 162.2 243.2

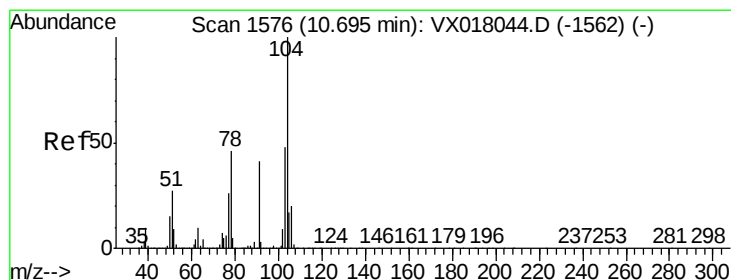
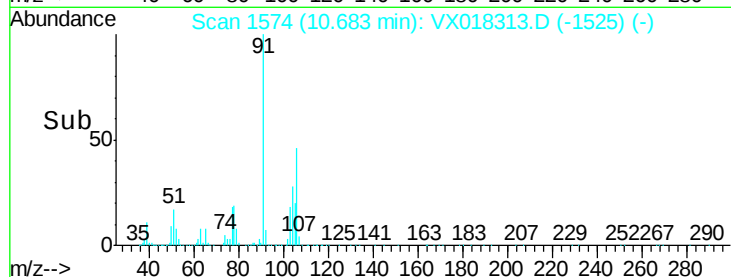
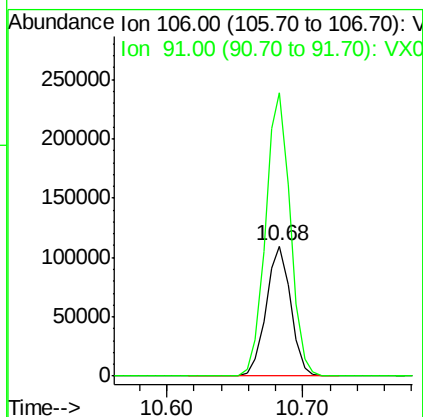
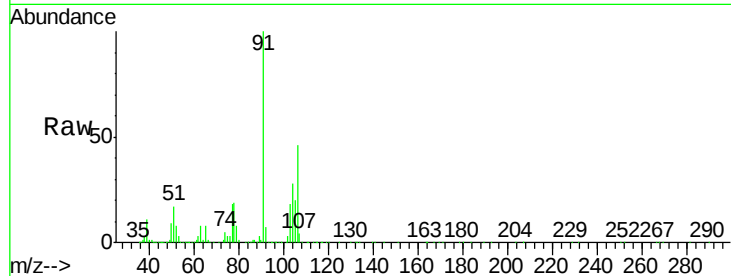




#69  
o-Xylene  
Concen: 18.493 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

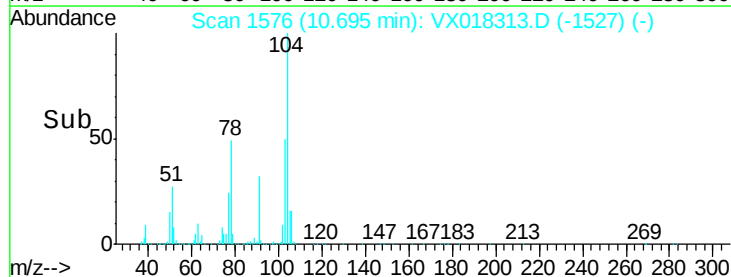
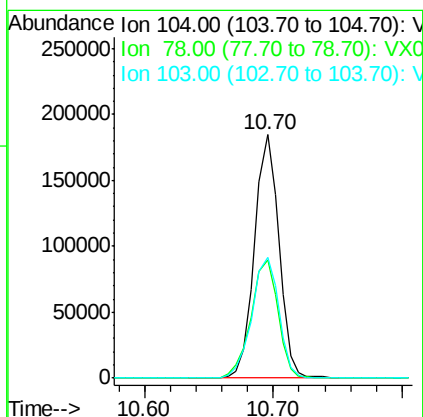
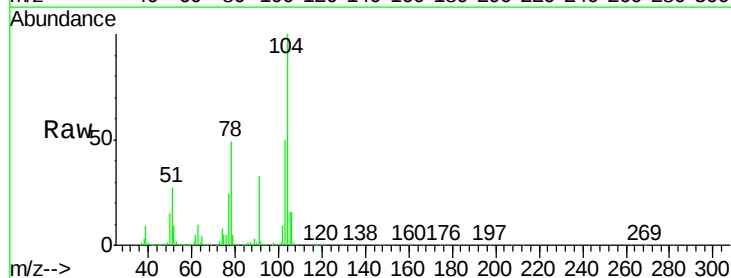
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0909WBS01

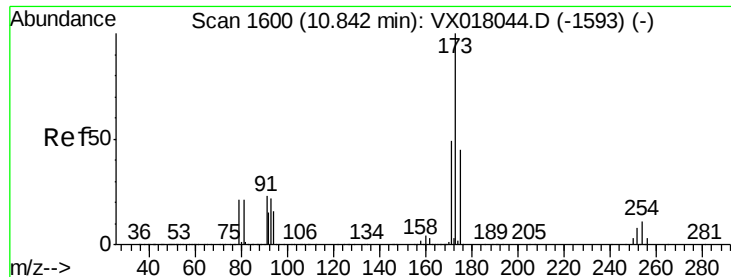
Tgt Ion:106 Resp: 139528  
Ion Ratio Lower Upper  
106 100  
91 218.7 107.1 321.3



#70  
Styrene  
Concen: 18.684 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion:104 Resp: 240075  
Ion Ratio Lower Upper  
104 100  
78 53.8 40.9 61.3  
103 55.0 43.6 65.4





#71

Bromoform

Concen: 19.121 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS01

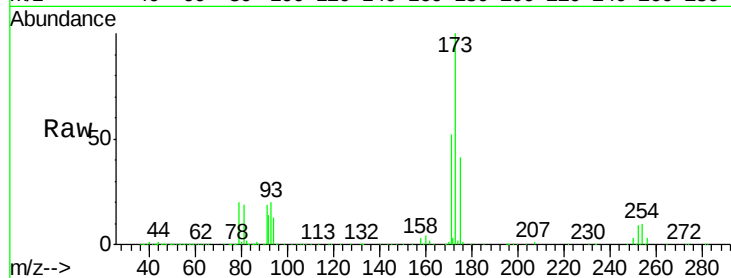
Tgt Ion:173 Resp: 78822

Ion Ratio Lower Upper

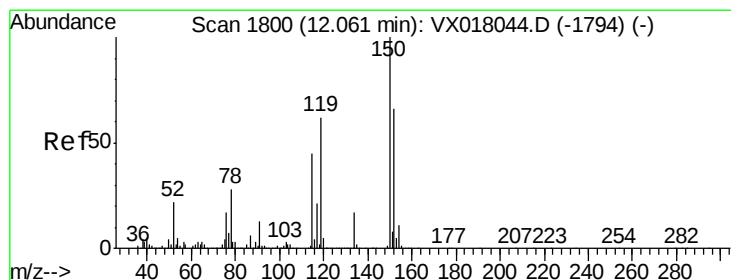
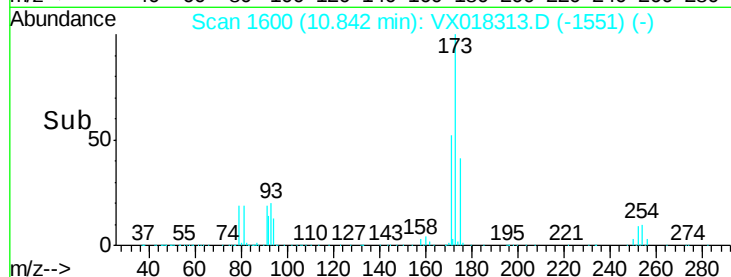
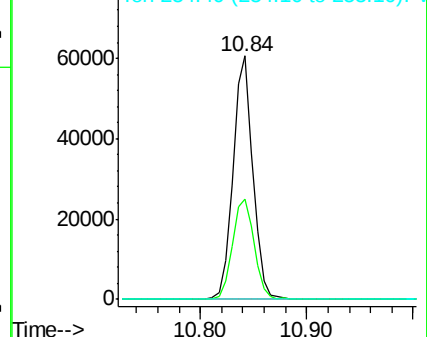
173 100

175 45.4 23.9 71.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

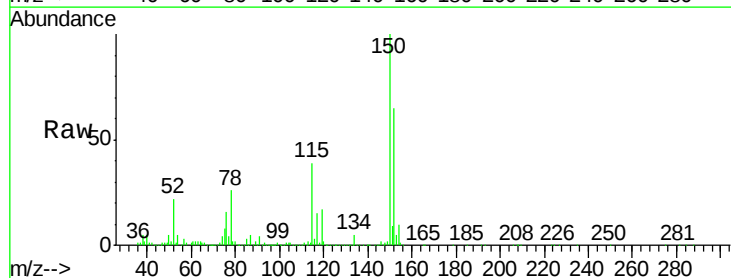
Tgt Ion:152 Resp: 331702

Ion Ratio Lower Upper

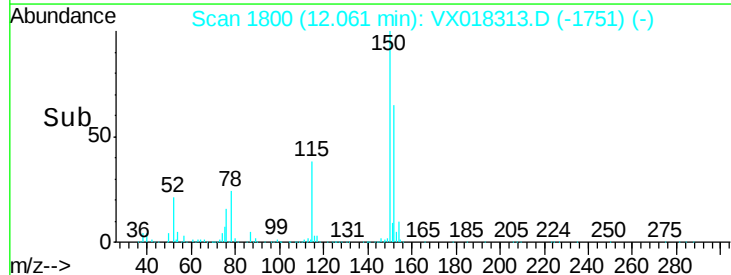
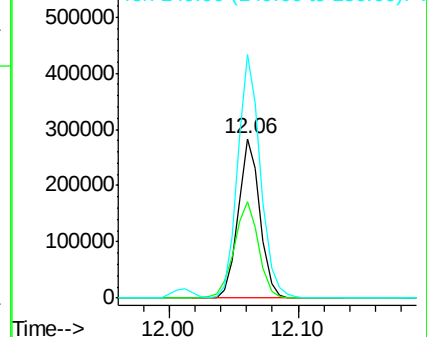
152 100

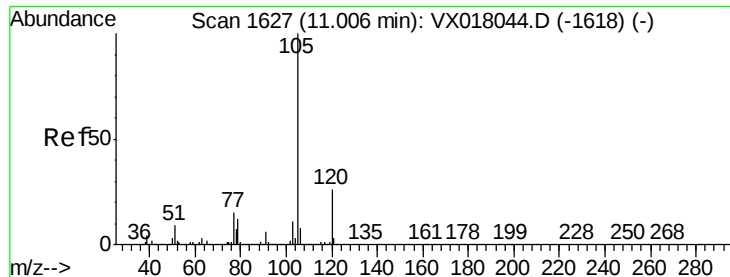
115 67.9 41.5 124.5

150 160.8 0.0 343.8



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





#73

Isopropylbenzene

Concen: 17.669 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

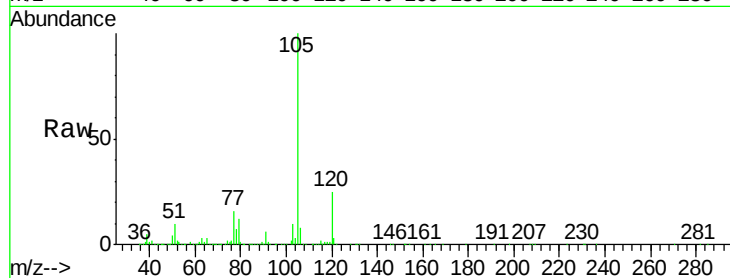
VX0909WBS01

Tgt Ion: 105 Resp: 386588

Ion Ratio Lower Upper

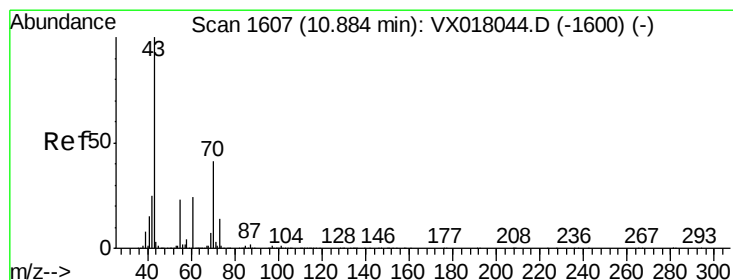
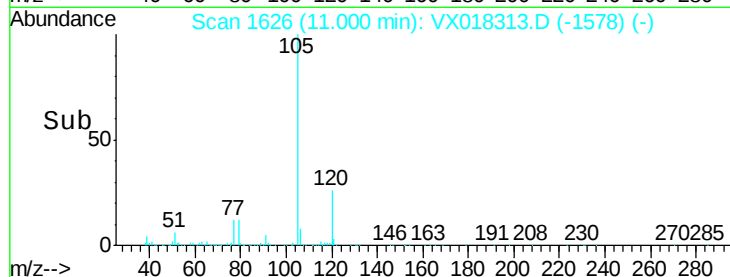
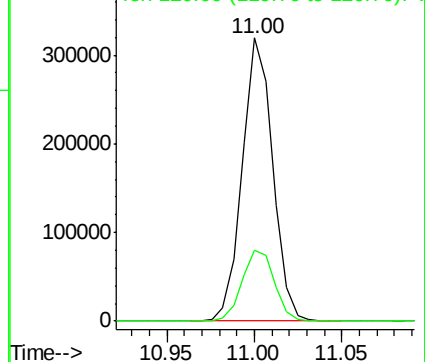
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.876 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion: 43 Resp: 164805

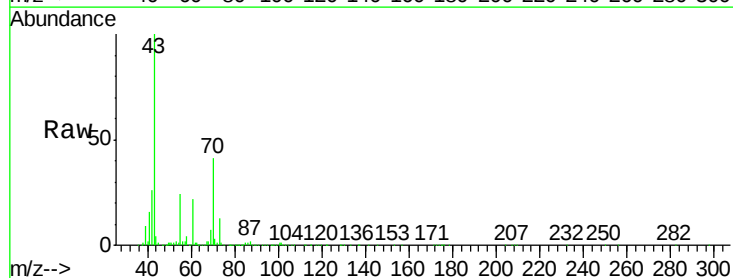
Ion Ratio Lower Upper

43 100

70 40.6 32.3 48.5

55 23.7 18.2 27.2

61 23.4 18.9 28.3

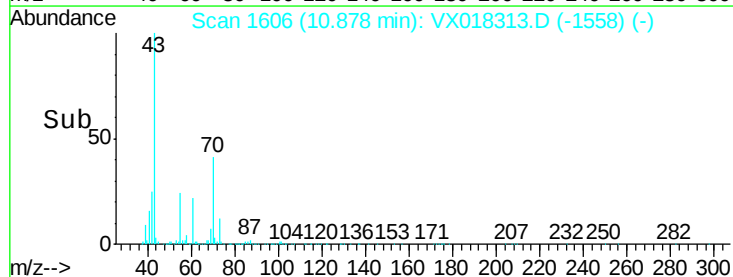
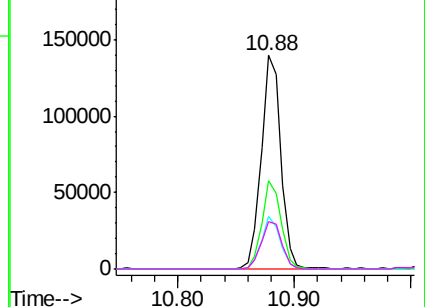


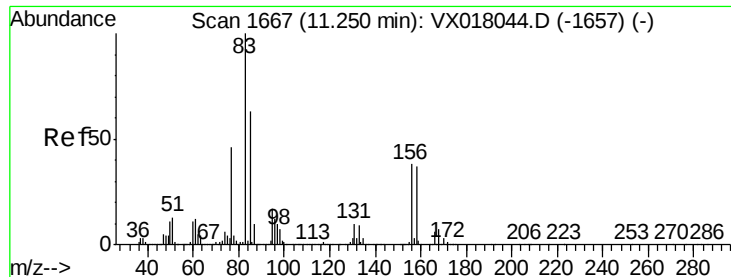
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.398 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampled :

VX0909WBS01

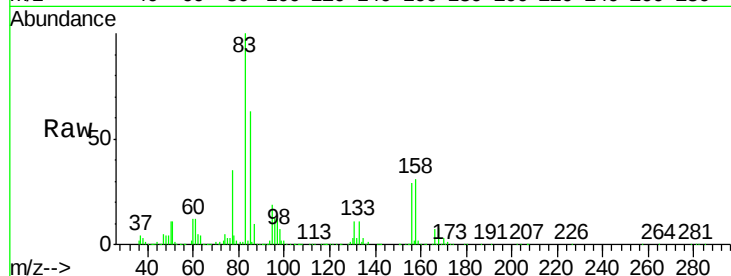
Tgt Ion: 83 Resp: 126561

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.4

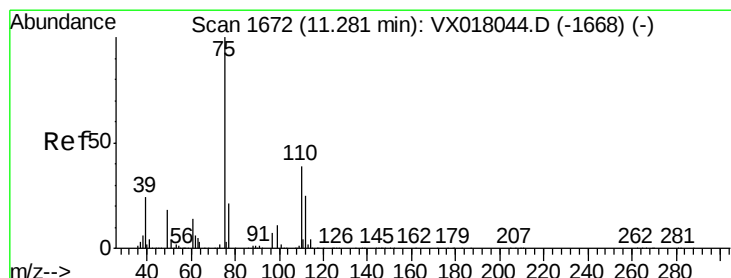
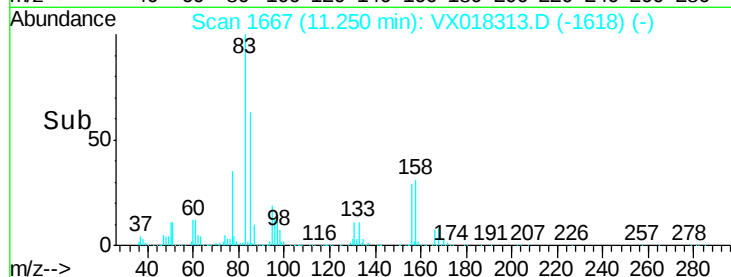
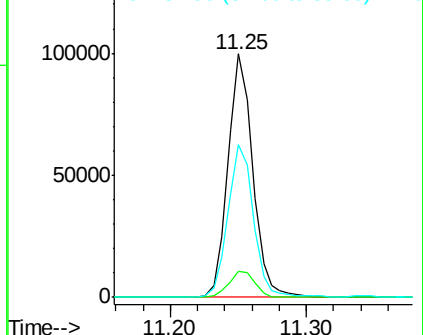
85 65.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.574 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018313.D

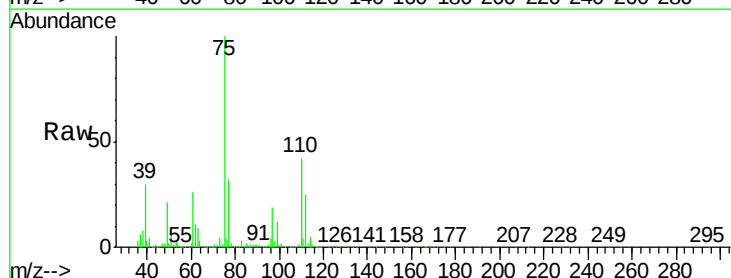
Acq: 09 Sep 2020 11:35

Tgt Ion: 75 Resp: 151811

Ion Ratio Lower Upper

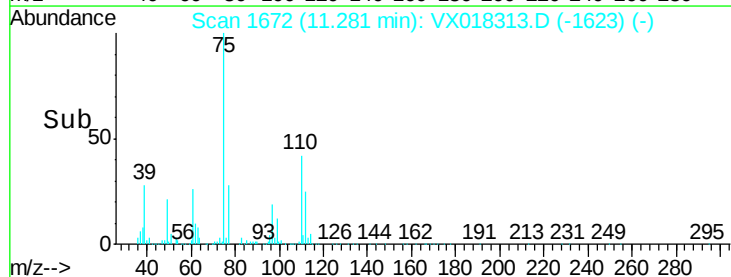
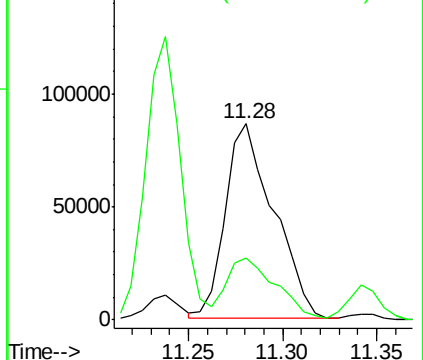
75 100

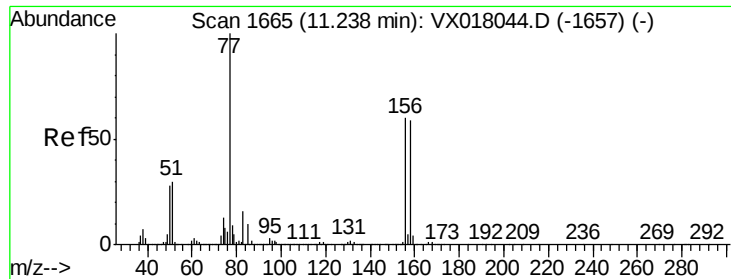
77 32.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.351 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS01

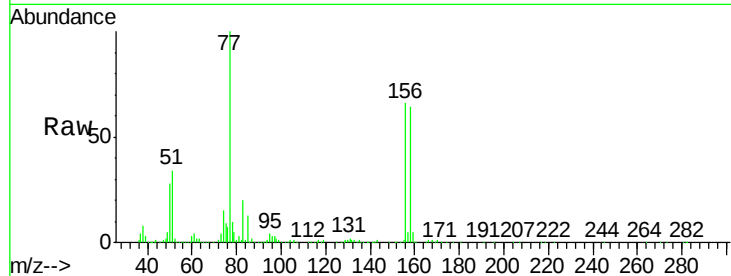
Tgt Ion:156 Resp: 104939

Ion Ratio Lower Upper

156 100

77 154.0 80.0 240.2

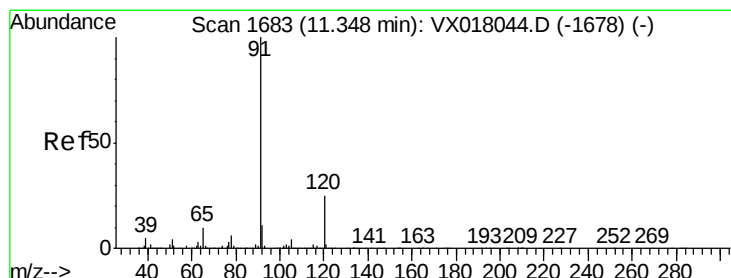
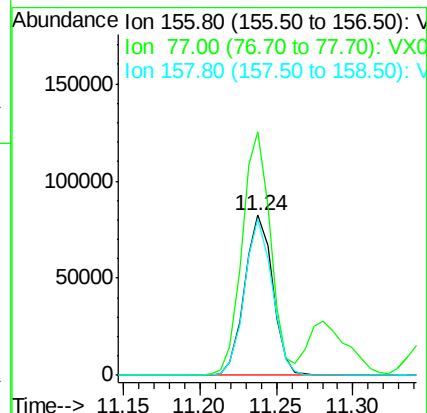
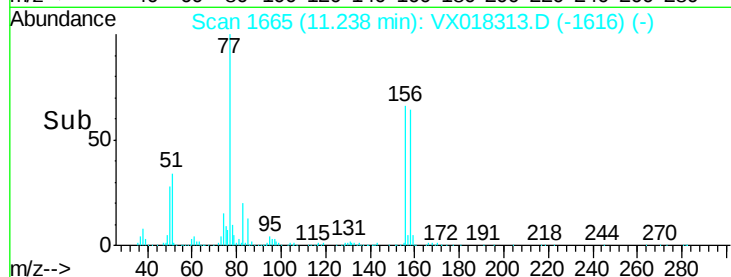
158 96.9 49.5 148.7



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: 17.803 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018313.D

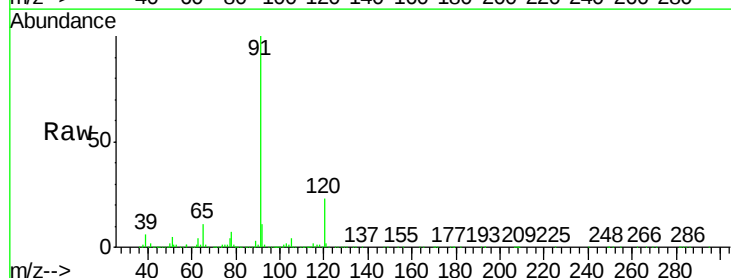
Acq: 09 Sep 2020 11:35

Tgt Ion: 91 Resp: 442278

Ion Ratio Lower Upper

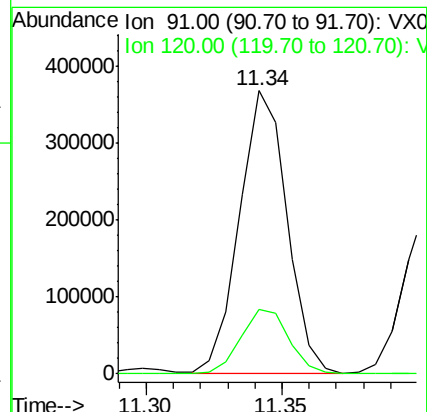
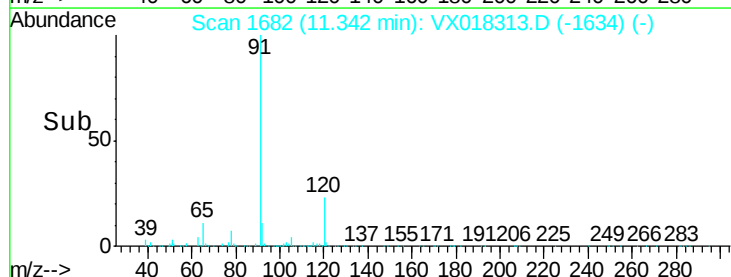
91 100

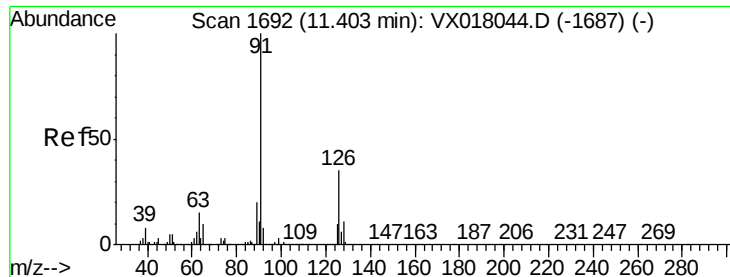
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.657 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

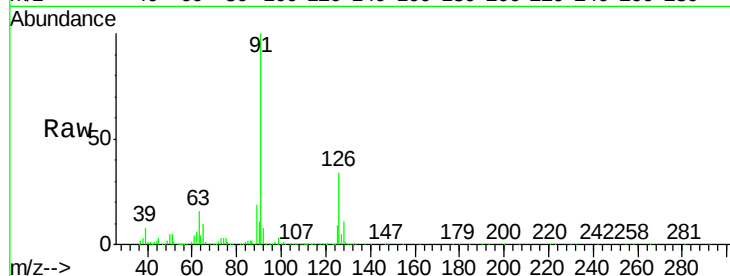
VX0909WBS01

Tgt Ion: 91 Resp: 271016

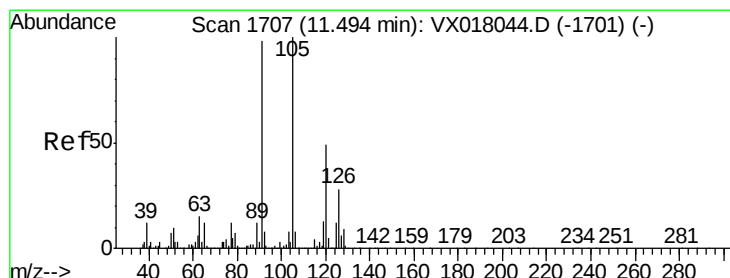
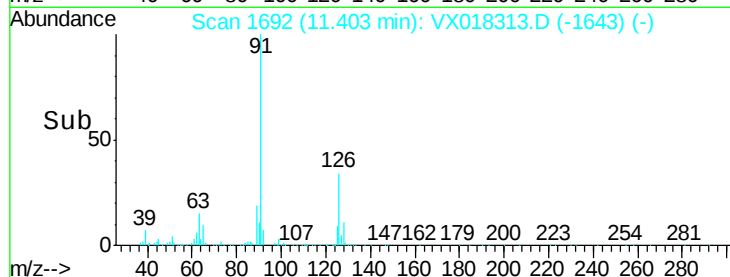
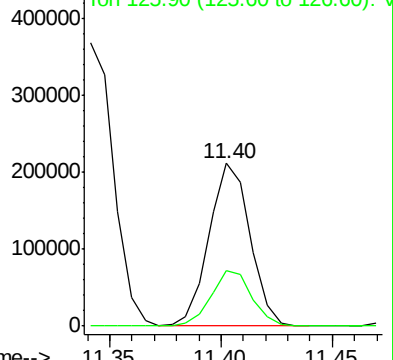
Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX018313.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.562 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018313.D

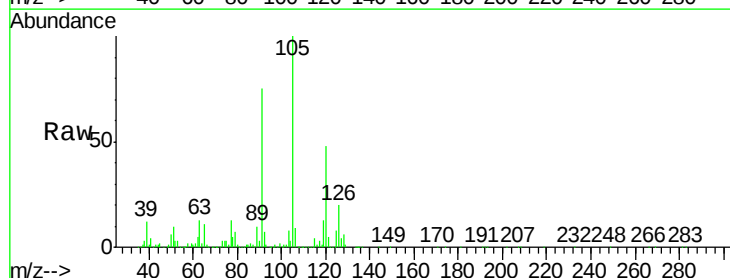
Acq: 09 Sep 2020 11:35

Tgt Ion: 105 Resp: 333735

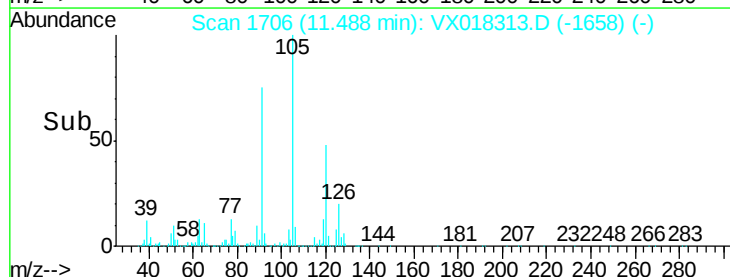
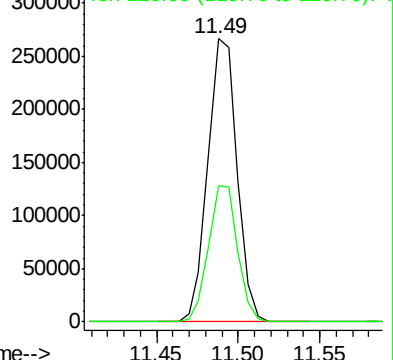
Ion Ratio Lower Upper

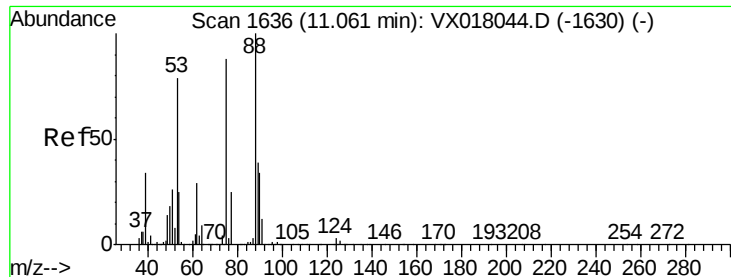
105 100

120 48.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018313.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.143 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS01

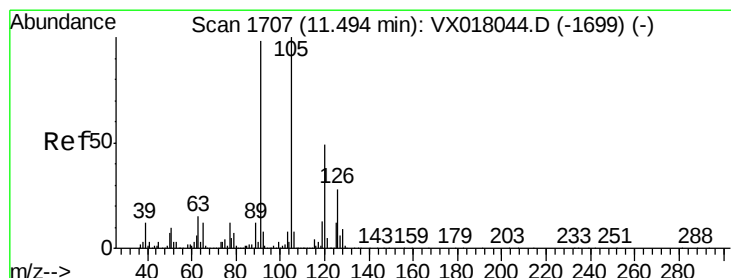
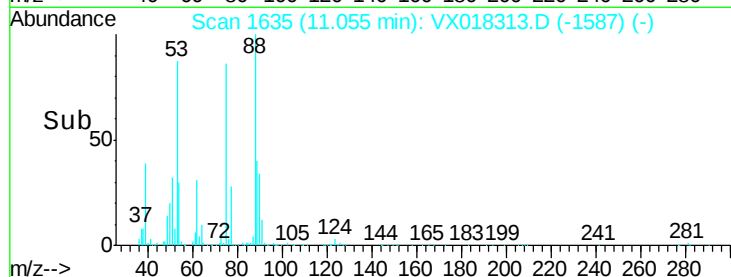
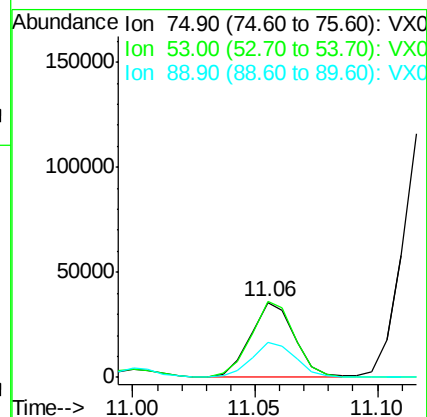
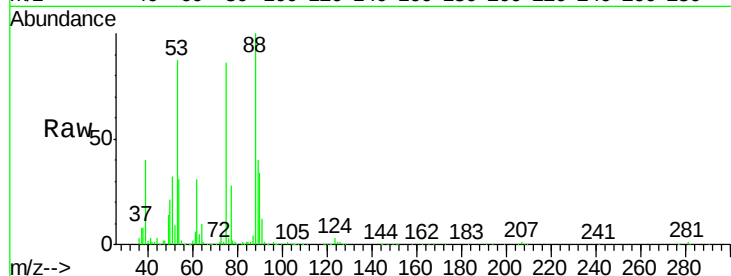
Tgt Ion: 75 Resp: 44104

Ion Ratio Lower Upper

75 100

53 100.4 74.7 112.1

89 46.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 17.863 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018313.D

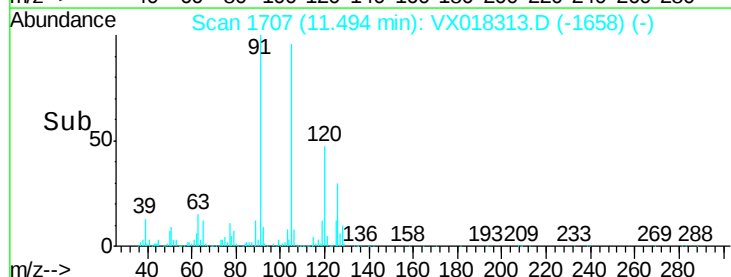
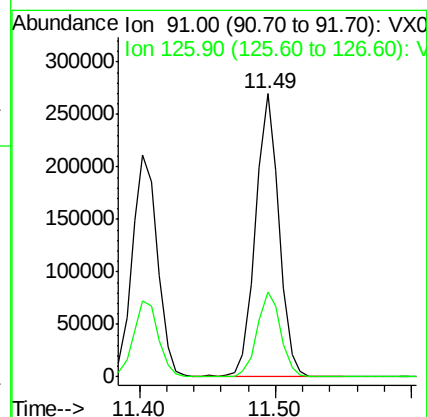
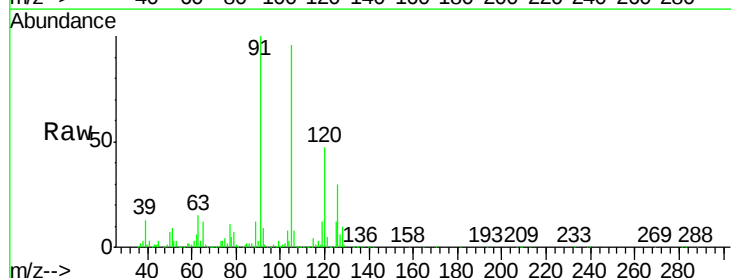
Acq: 09 Sep 2020 11:35

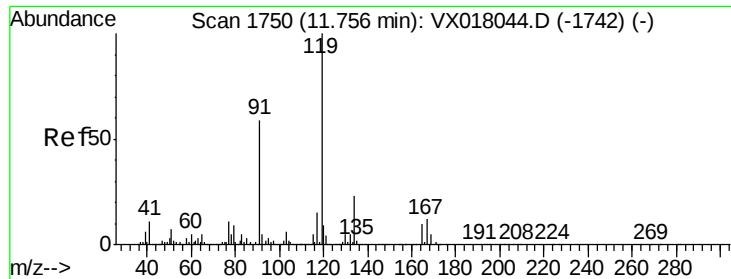
Tgt Ion: 91 Resp: 325930

Ion Ratio Lower Upper

91 100

126 30.0 15.1 45.3

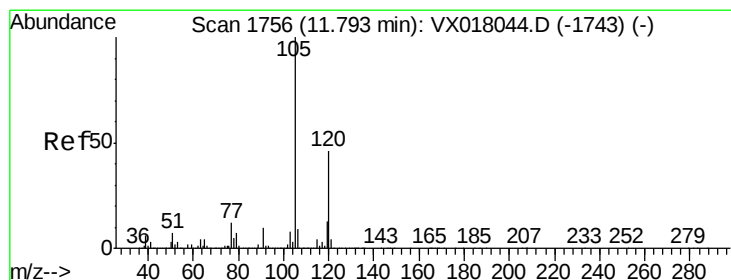
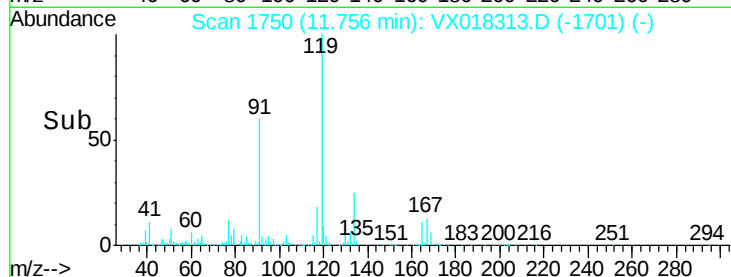
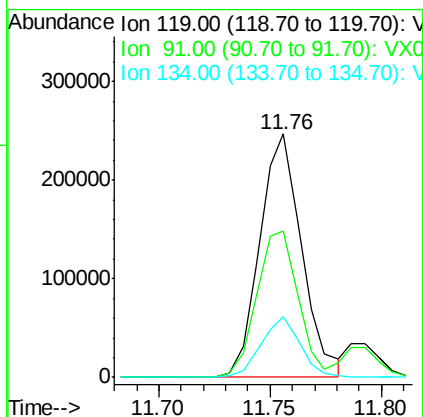
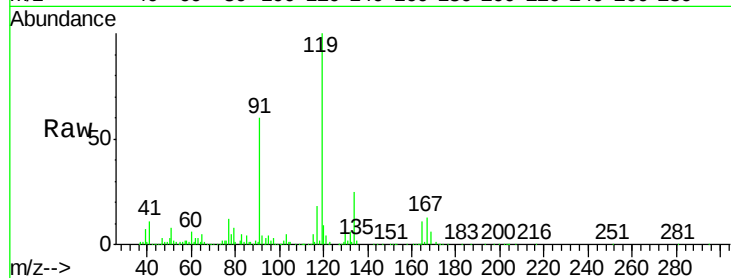




#83  
 tert-Butylbenzene  
 Concen: 18.259 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. -0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

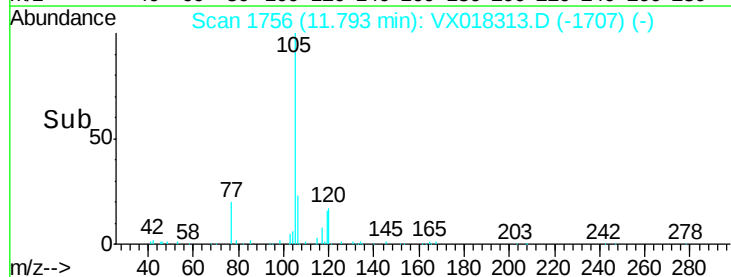
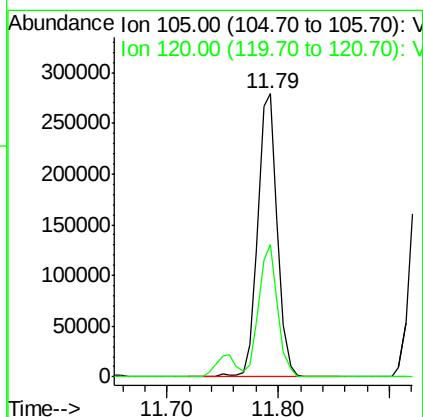
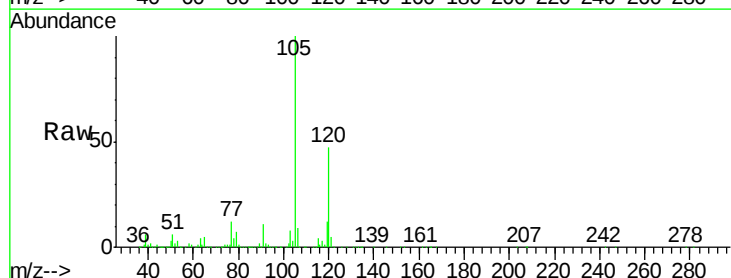
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

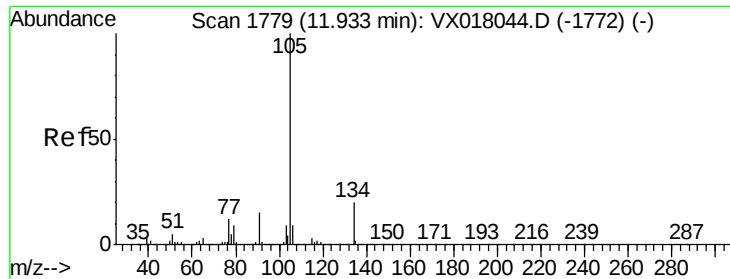
Tgt Ion:119 Resp: 323975  
 Ion Ratio Lower Upper  
 119 100  
 91 59.3 28.2 84.7  
 134 23.0 11.3 33.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.619 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Tgt Ion:105 Resp: 342251  
 Ion Ratio Lower Upper  
 105 100  
 120 44.7 22.3 66.9

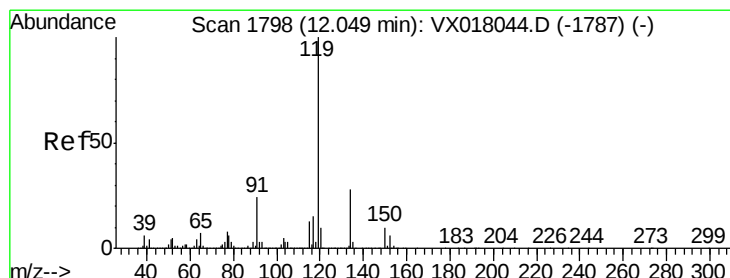
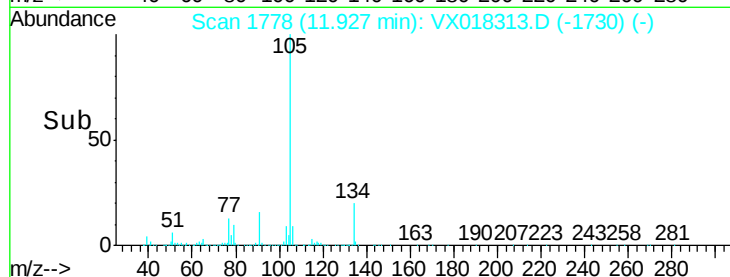
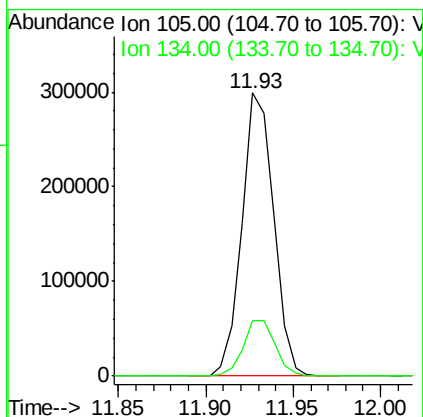
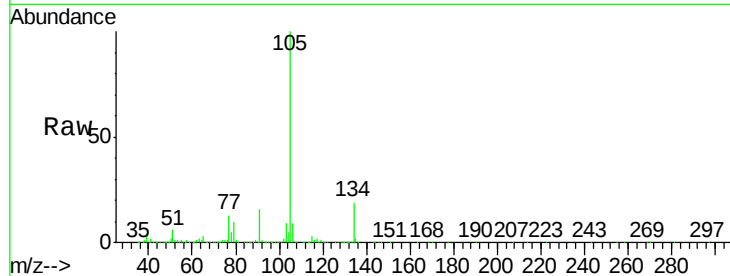




#85  
 sec-Butylbenzene  
 Concen: 18.675 ug/l  
 RT: 11.93 min Scan# 1778  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

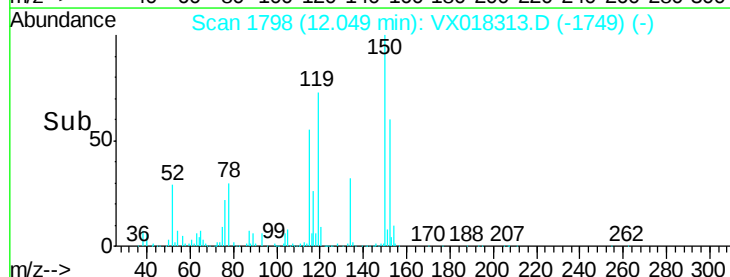
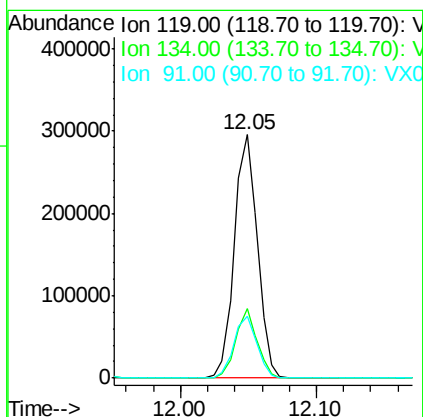
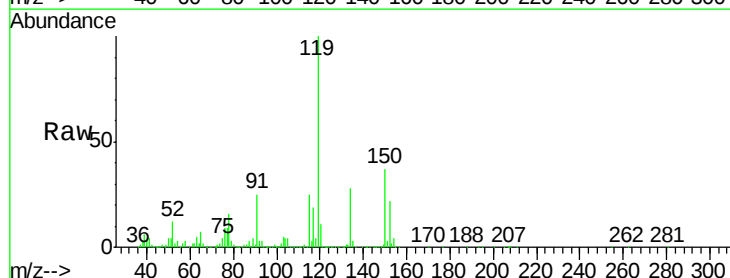
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

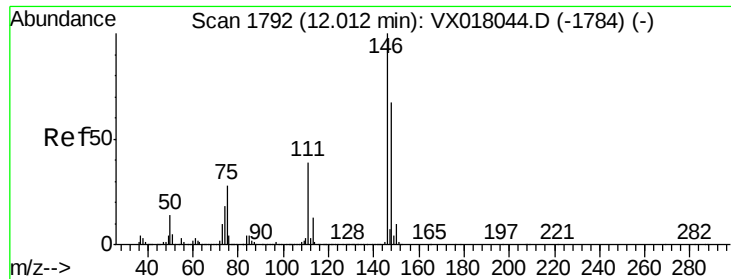
Tgt Ion:105 Resp: 376811  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 18.852 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Tgt Ion:119 Resp: 349420  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.2 39.5  
 91 25.5 11.8 35.4

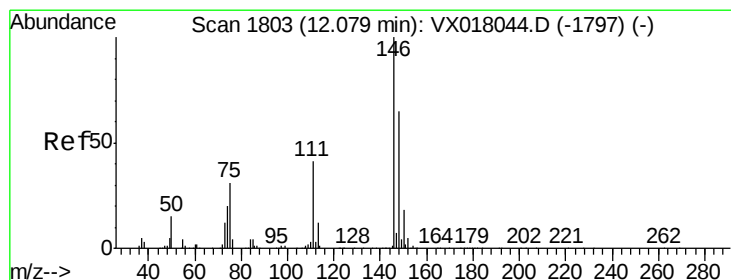
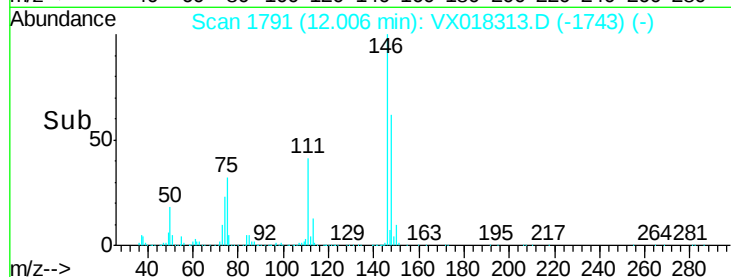
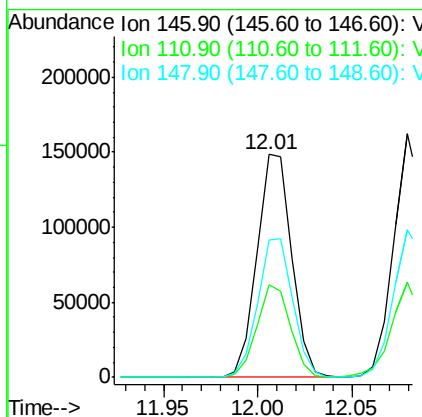
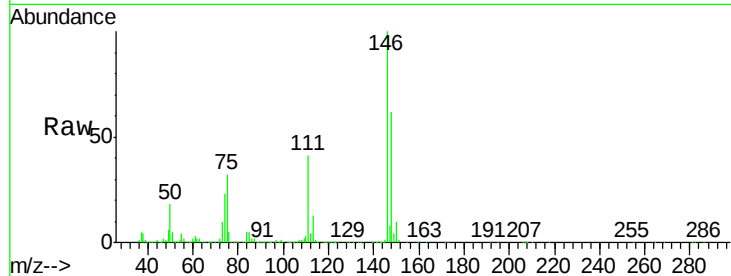




#87  
 1,3-Dichlorobenzene  
 Concen: 17.889 ug/l  
 RT: 12.01 min Scan# 1791  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

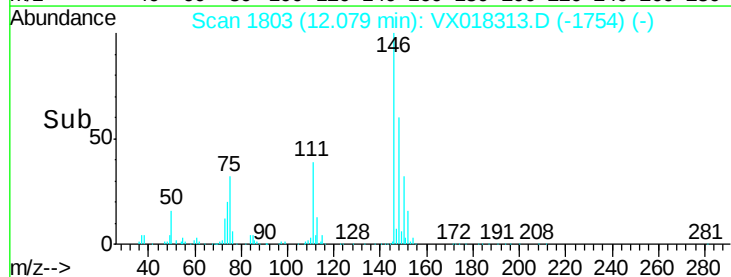
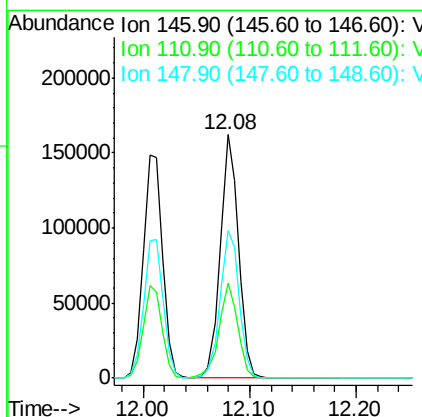
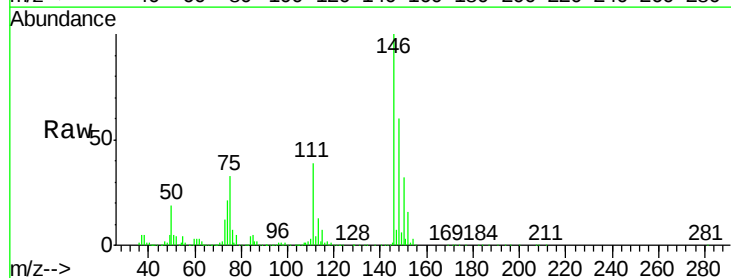
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS01

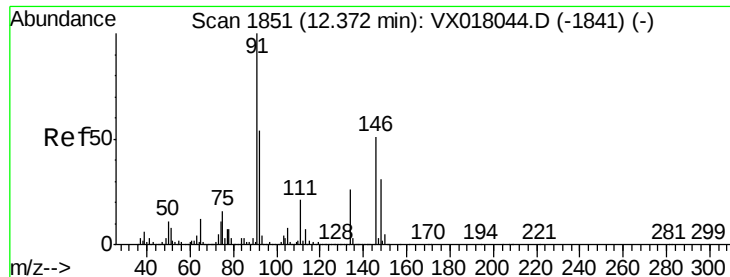
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.1  | 20.6  | 61.8  |
| 148     | 63.0  | 33.1  | 99.2  |



#88  
 1,4-Dichlorobenzene  
 Concen: 18.233 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 20.3  | 60.8  |
| 148     | 63.4  | 33.1  | 99.2  |

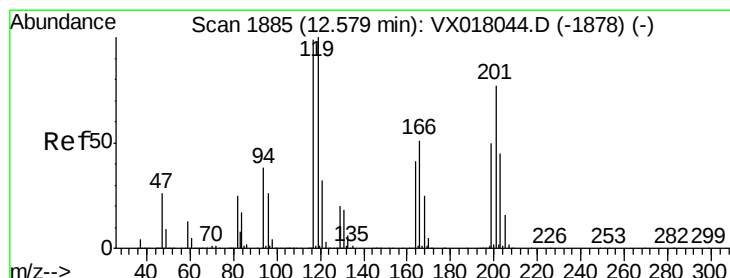
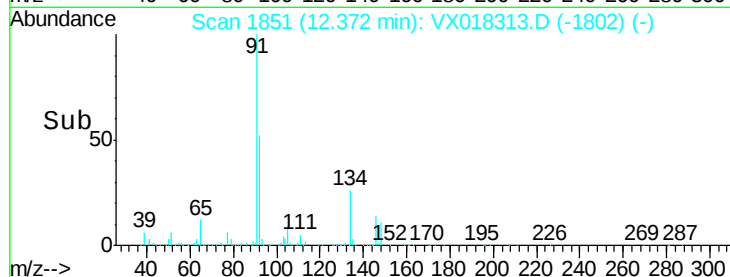
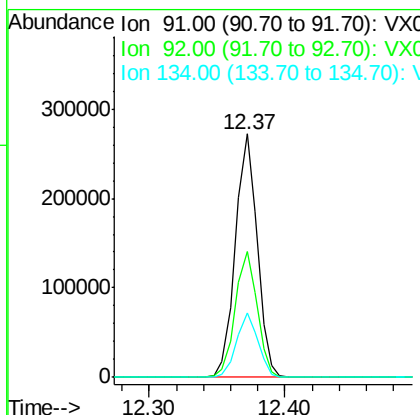
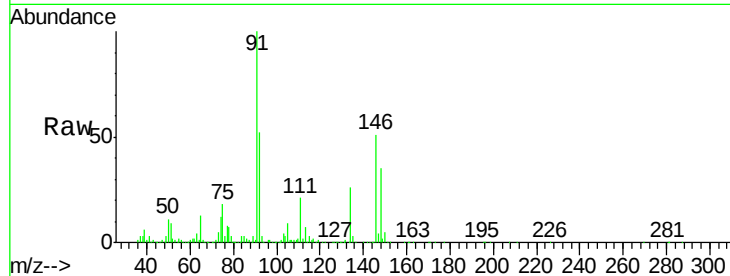




#89  
n-Butylbenzene  
Concen: 17.928 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

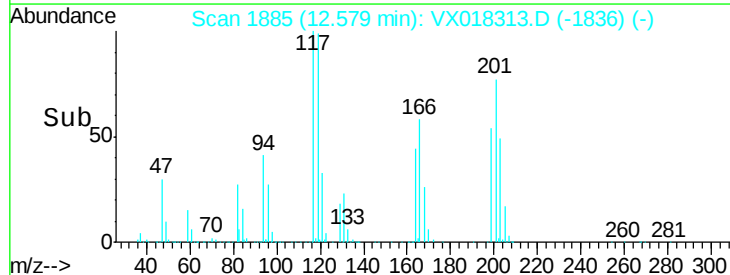
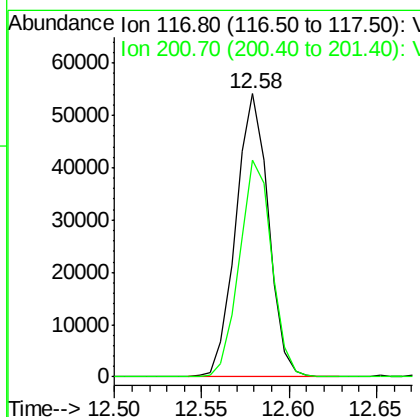
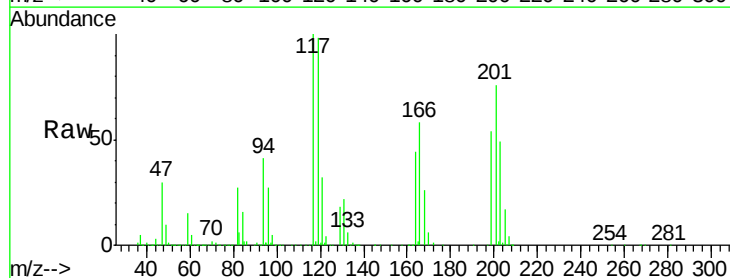
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

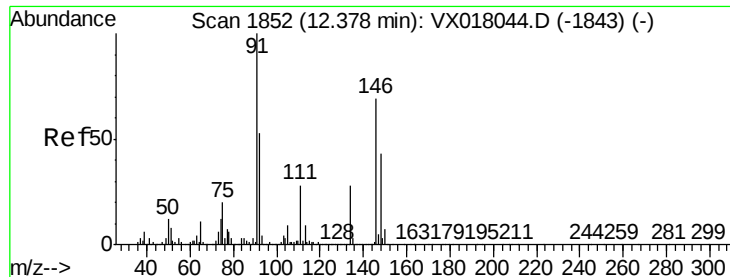
Tgt Ion: 91 Resp: 303292  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.4 79.2  
134 26.2 12.9 38.7



#90  
Hexachloroethane  
Concen: 19.177 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion: 117 Resp: 69931  
Ion Ratio Lower Upper  
117 100  
201 76.3 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 18.045 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS01

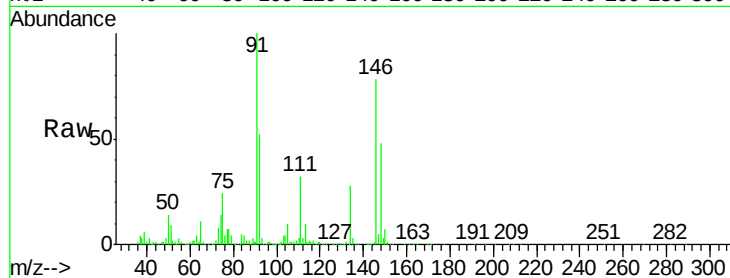
Tgt Ion:146 Resp: 180364

Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.5

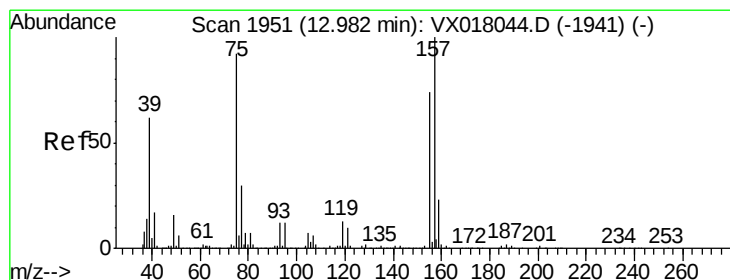
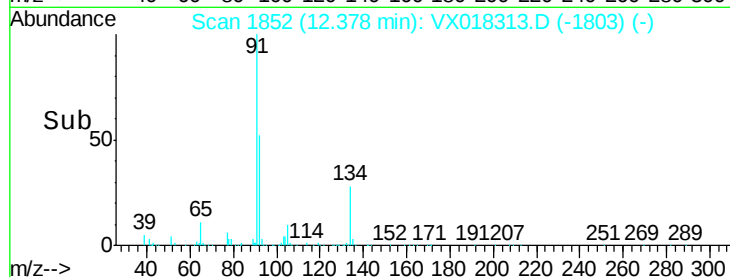
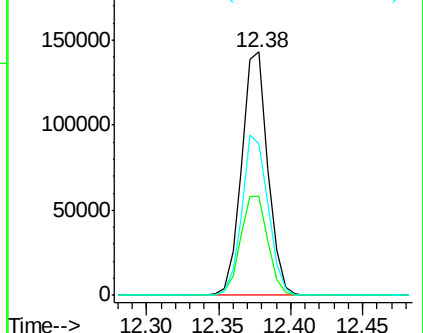
148 65.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.094 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

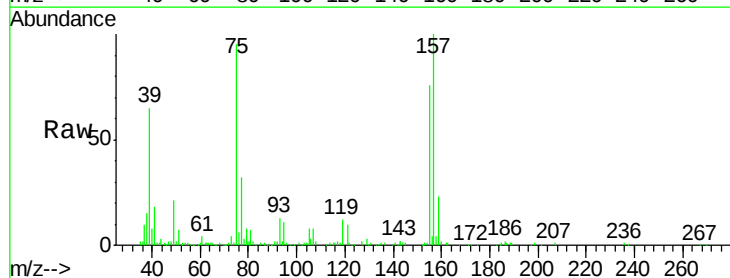
Tgt Ion: 75 Resp: 31059

Ion Ratio Lower Upper

75 100

155 82.1 40.2 120.6

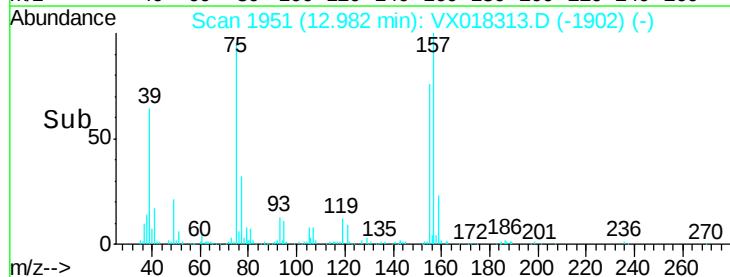
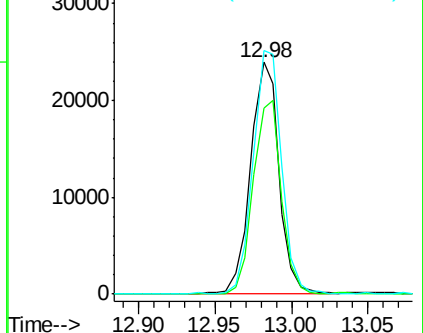
157 105.1 55.0 165.2

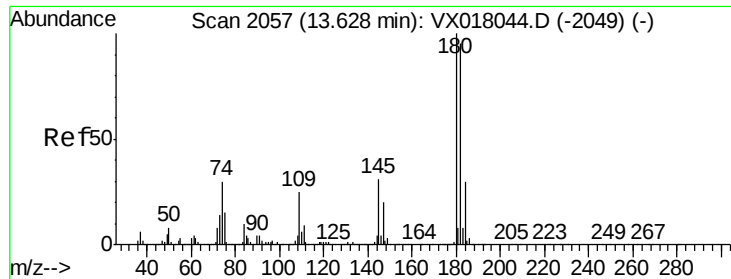


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

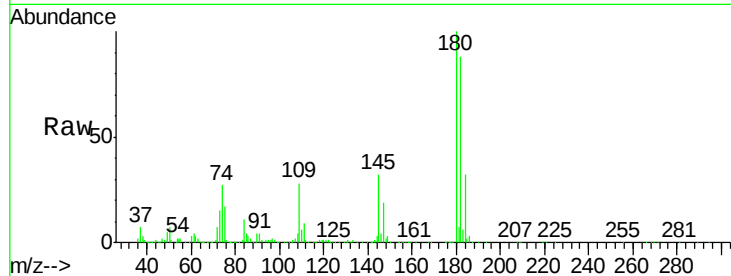




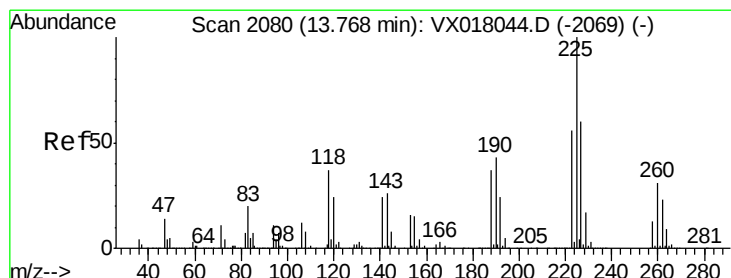
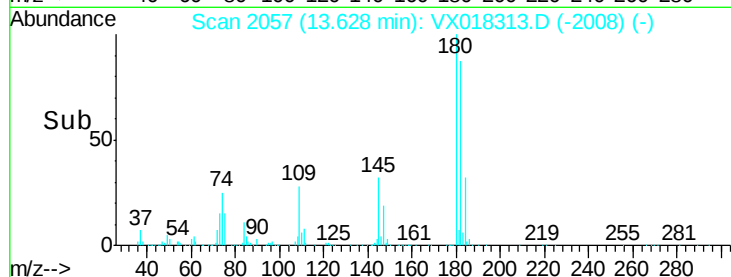
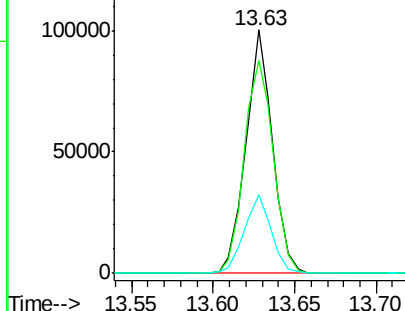
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.085 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0909WBS01

Tgt Ion:180 Resp: 113874  
 Ion Ratio Lower Upper  
 180 100  
 182 95.8 47.5 142.6  
 145 33.1 15.7 47.1

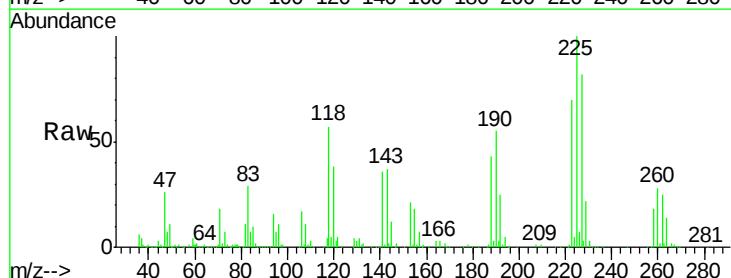


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

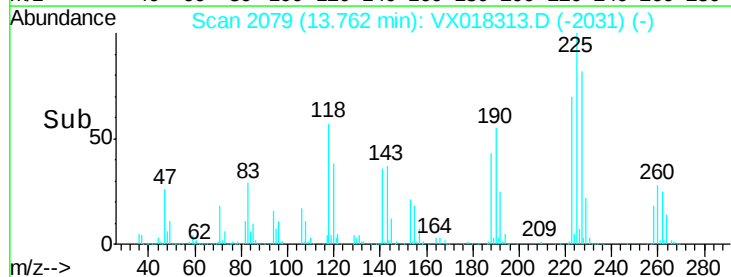
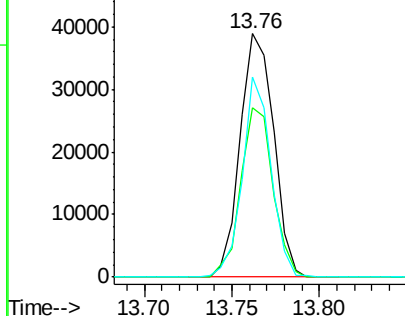


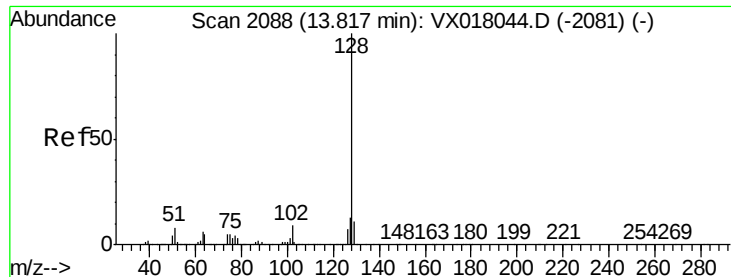
#94  
 Hexachlorobutadiene  
 Concen: 19.788 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: VX018313.D  
 Acq: 09 Sep 2020 11:35

Tgt Ion:225 Resp: 52021  
 Ion Ratio Lower Upper  
 225 100  
 223 67.0 30.7 92.1  
 227 69.9 32.6 97.8



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

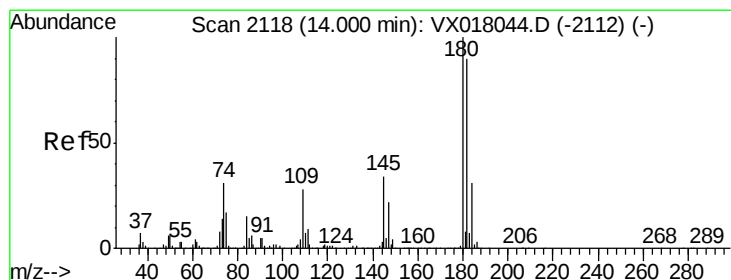
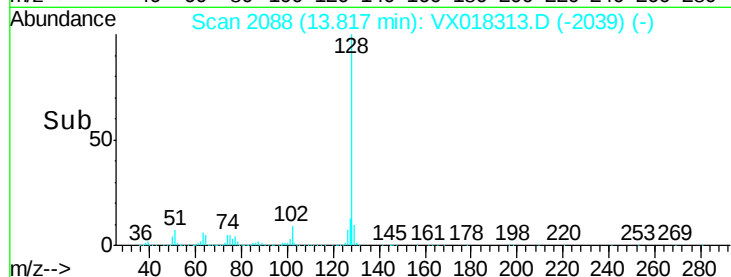
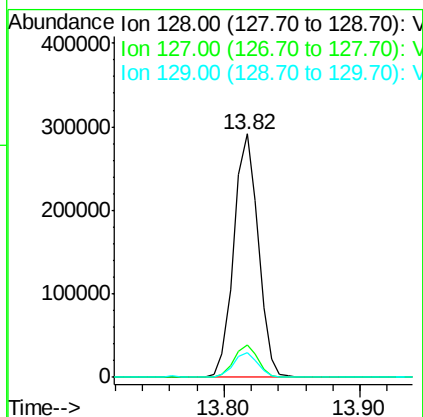
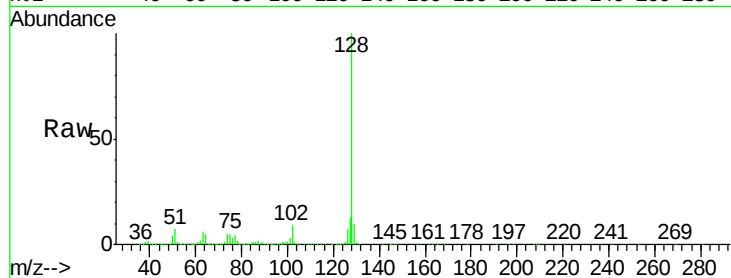




#95  
Naphthalene  
Concen: 16.578 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS01

Tgt Ion:128 Resp: 363653  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.2 15.2  
129 10.5 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 18.234 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VX018313.D  
Acq: 09 Sep 2020 11:35

Tgt Ion:180 Resp: 120084  
Ion Ratio Lower Upper  
180 100  
182 94.2 47.3 142.0  
145 32.4 17.5 52.6

