

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\  
 Data File : VX015841.D  
 Acq On : 22 Apr 2020 15:07  
 Operator : JC/SP  
 Sample : L2363-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-200420

Quant Time: Apr 23 04:50:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 23 04:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 922213   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 1406816  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1342639  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 732748   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 509613   | 48.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.18%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 406015   | 50.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.00% |          |
| 50) Toluene-d8              | 8.70  | 98   | 1688585  | 51.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.30% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 694483   | 51.79 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.58% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 3) Chloromethane               | 1.31  | 50   | 1696     | 0.210  | ug/l # | 77     |
| 5) Bromomethane                | 1.64  | 94   | 810      | 0.258  | ug/l # | 2      |
| 6) Chloroethane                | 1.72  | 64   | 1120     | 0.210  | ug/l # | 58     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 958      | 0.447  | ug/l # | 1      |
| 13) Acrolein                   | 2.28  | 56   | 1278     | 1.008  | ug/l   | 91     |
| 15) Acrylonitrile              | 3.11  | 53   | 2510     | 0.505  | ug/l # | 63     |
| 16) Acetone                    | 2.42  | 43   | 6958     | 1.524  | ug/l   | 98     |
| 17) Carbon Disulfide           | 2.56  | 76   | 31891    | 1.087  | ug/l   | 96     |
| 18) Methyl Acetate             | 2.75  | 43   | 3307     | 0.219  | ug/l   | 99     |
| 20) Methylene Chloride         | 2.85  | 84   | 2655     | 0.286  | ug/l # | 38     |
| 21) trans-1,2-Dichloroethene   | 3.14  | 96   | 3032     | 0.338  | ug/l # | 52     |
| 25) 2-Butanone                 | 4.65  | 43   | 2639     | 0.366  | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 5.63  | 117  | 81761    | 6.655  | ug/l # | 16     |
| 39) Methylcyclohexane          | 7.44  | 83   | 3594     | 0.228  | ug/l   | 90     |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 3341     | 0.247  | ug/l   | 87     |
| 44) Trichloroethene            | 7.20  | 130  | 3635     | 0.275  | ug/l   | 31     |
| 49) 1,4-Dioxane                | 7.73  | 88   | 911      | 3.914  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 4776     | 0.330  | ug/l   | 97     |
| 59) 2-Hexanone                 | 9.47  | 43   | 4593     | 0.417  | ug/l   | 84     |
| 64) Tetrachloroethene          | 9.32  | 164  | 3984     | 0.220  | ug/l # | 82     |
| 68) m/p-Xylenes                | 10.34 | 106  | 5234     | 0.296  | ug/l   | 74     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75   | 336371   | 24.141 | ug/l # | 35     |
| 77) Bromobenzene               | 11.24 | 156  | 2553     | 0.201  | ug/l   | 80     |
| 78) n-propylbenzene            | 11.34 | 91   | 10846    | 0.203  | ug/l   | 77     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75   | 336371   | 58.071 | ug/l # | 12     |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 9878     | 0.228  | ug/l # | 72     |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 6605     | 0.283  | ug/l   | 92     |
| 88) 1,4-Dichlorobenzene        | 12.01 | 146  | 6810     | 0.291  | ug/l   | 85     |
| 89) n-Butylbenzene             | 12.37 | 91   | 12349    | 0.318  | ug/l   | 97     |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 4678     | 0.211  | ug/l   | 91     |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 7838     | 0.449  | ug/l   | 89     |
| 94) Hexachlorobutadiene        | 13.77 | 225  | 4128     | 0.528  | ug/l   | 92     |
| 95) Naphthalene                | 13.82 | 128  | 16593    | 0.331  | ug/l # | 85     |
| 96) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 7505     | 0.441  | ug/l   | 84     |

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Acq On : 22 Apr 2020 15:07  
Operator : JC/SP  
Sample : L2363-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200420

Quant Time: Apr 23 04:50:54 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042220W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 23 04:36:12 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

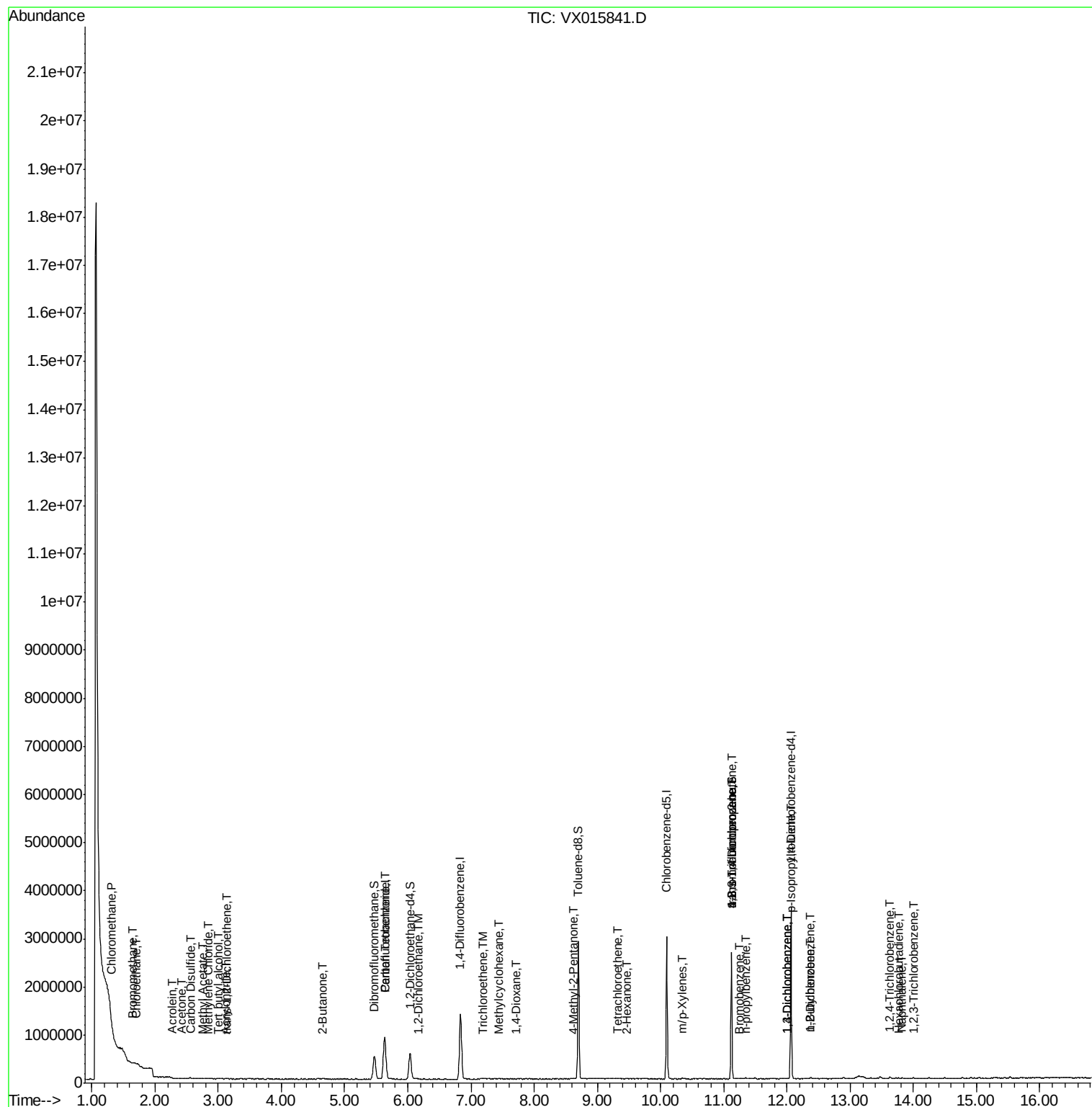
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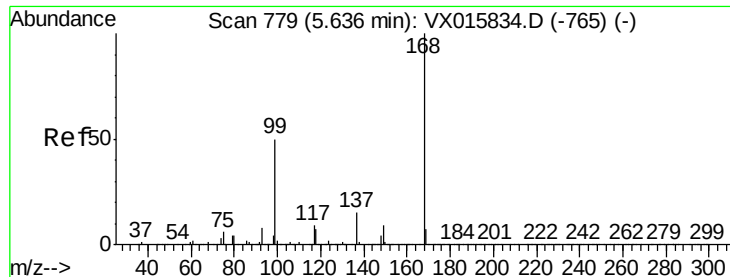
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\  
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Quant Title : SW846 8260  
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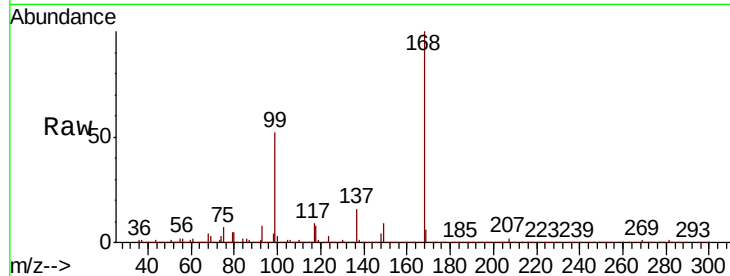


#1

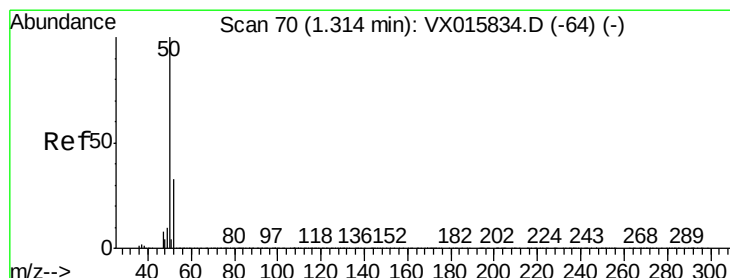
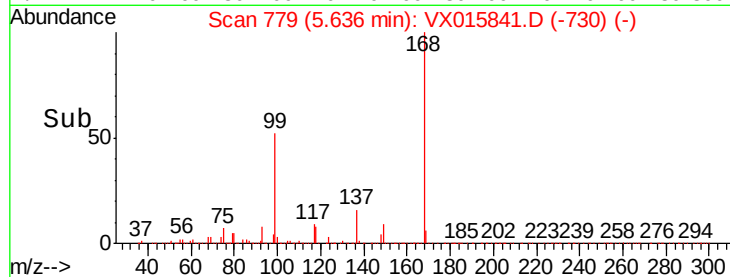
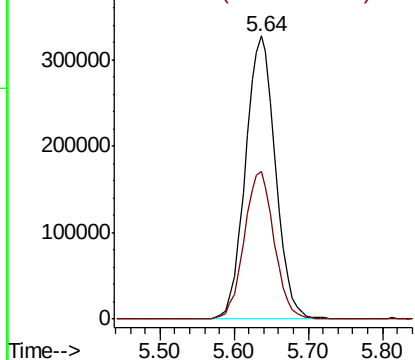
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.64 min Scan# 779  
 Delta R.T. 0.00 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-200420

Tot Ion:168 Resp: 922213  
 Ion Ratio Lower Upper  
 168 100  
 99 52.2 40.3 60.5



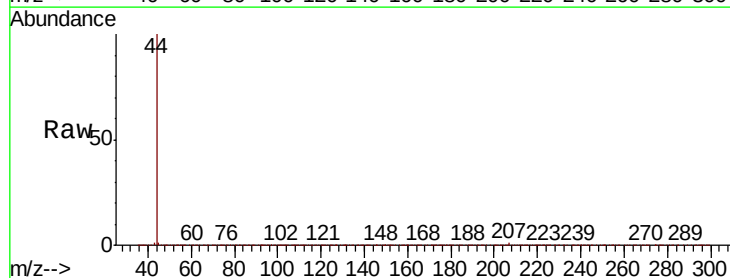
Abundance Ion 167.90 (167.60 to 168.60): V  
 Ion 98.90 (98.60 to 99.60): VX0



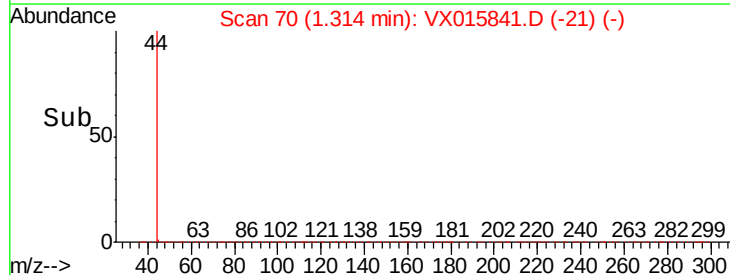
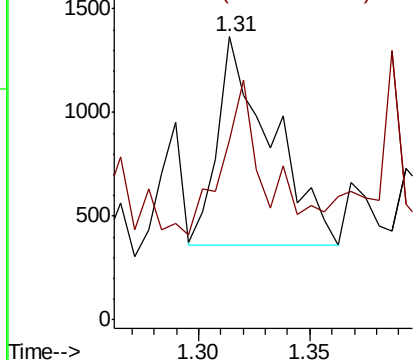
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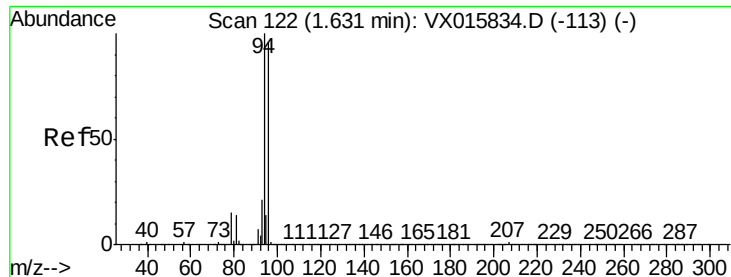
Chloromethane  
 Concen: 0.210 ug/l  
 RT: 1.31 min Scan# 70  
 Delta R.T. 0.00 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

Tgt Ion: 50 Resp: 1696  
 Ion Ratio Lower Upper  
 50 100  
 52 45.8 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0  
 Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.258 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

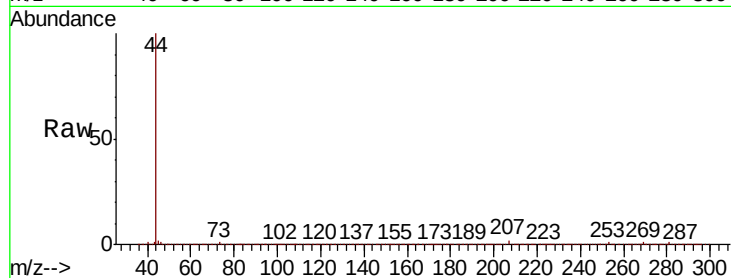
TB-01-200420

Tot Ion: 94 Resp: 810

Ion Ratio Lower Upper

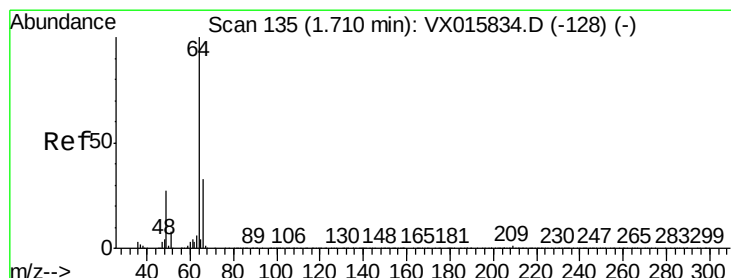
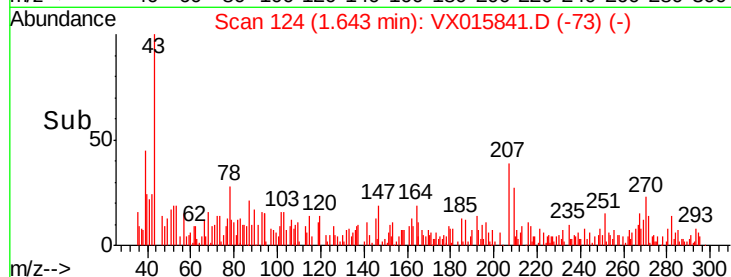
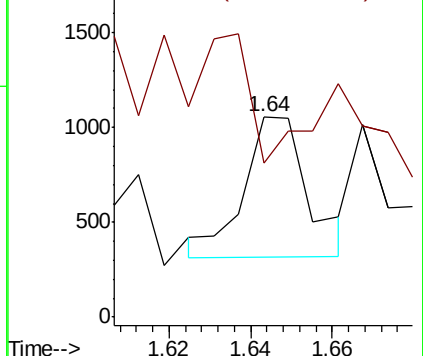
94 100

96 0.0 76.7 115.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.210 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015841.D

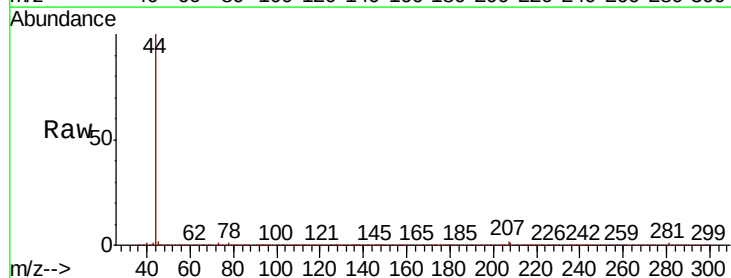
Acq: 22 Apr 2020 15:07

Tgt Ion: 64 Resp: 1120

Ion Ratio Lower Upper

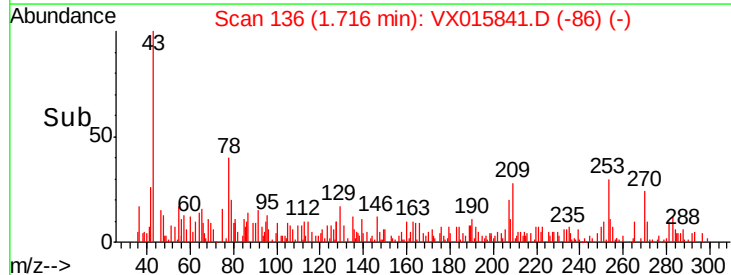
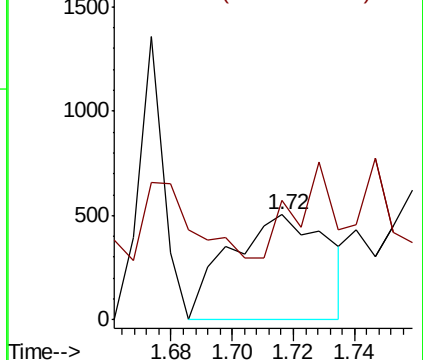
64 100

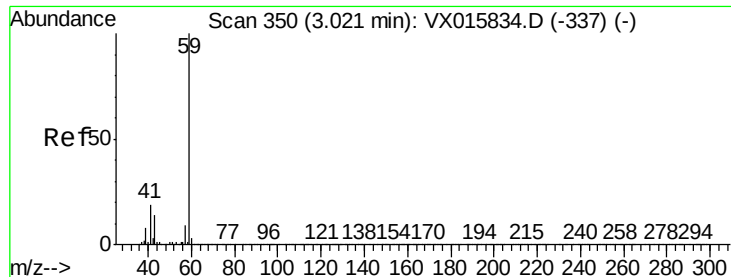
66 56.1 26.2 39.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



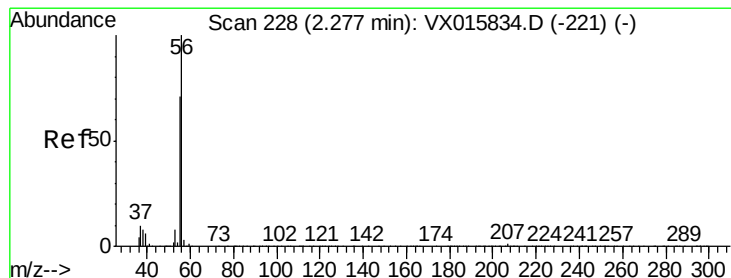
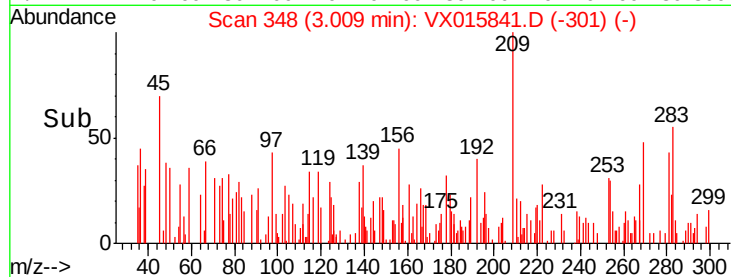
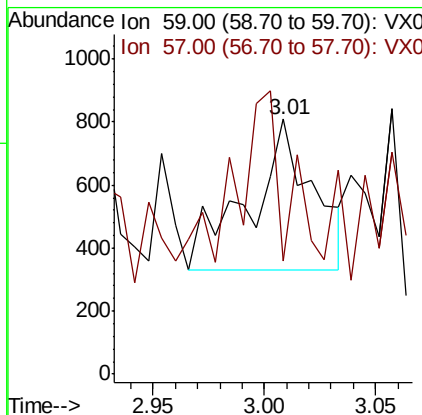
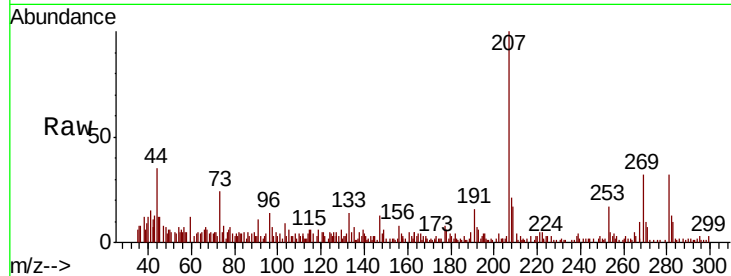


#11

Tert butyl alcohol  
 Concen: 0.447 ug/l  
 RT: 3.01 min Scan# 348  
 Delta R.T. -0.01 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 TB-01-200420

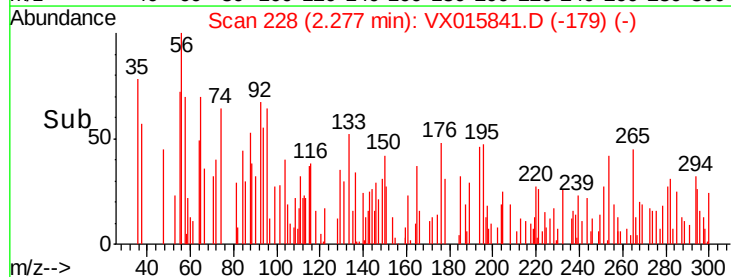
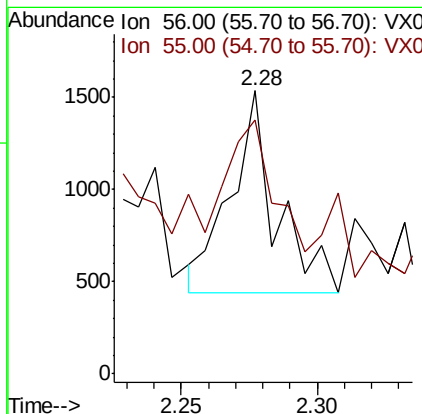
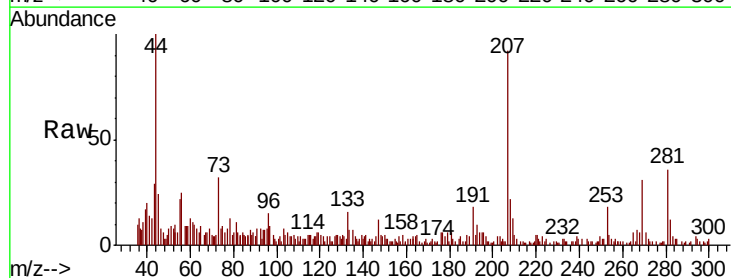
Tot Ion: 59 Resp: 958  
 Ion Ratio Lower Upper  
 59 100  
 57 81.1 8.2 12.2#

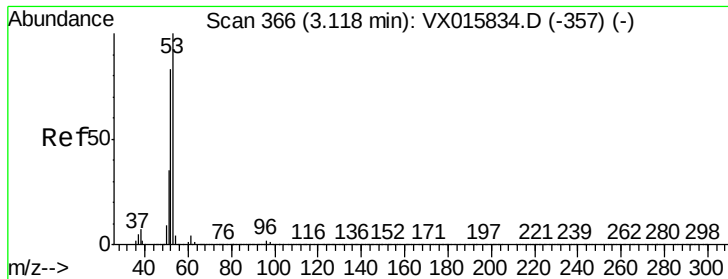


#13

Acrolein  
 Concen: 1.008 ug/l  
 RT: 2.28 min Scan# 228  
 Delta R.T. 0.00 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

Tgt Ion: 56 Resp: 1278  
 Ion Ratio Lower Upper  
 56 100  
 55 62.4 56.1 84.1

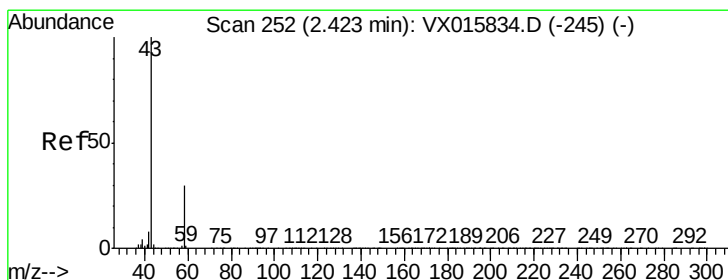
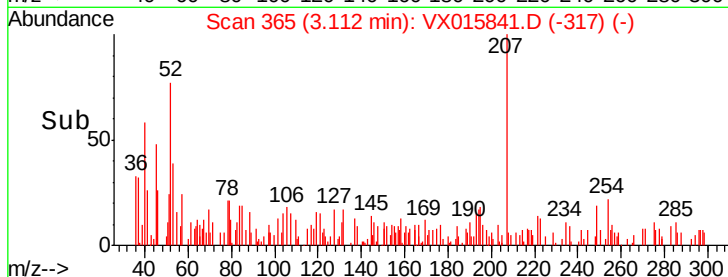
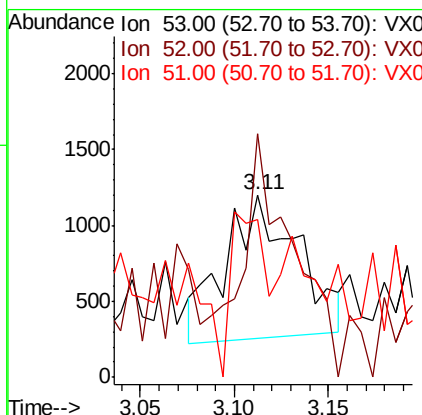
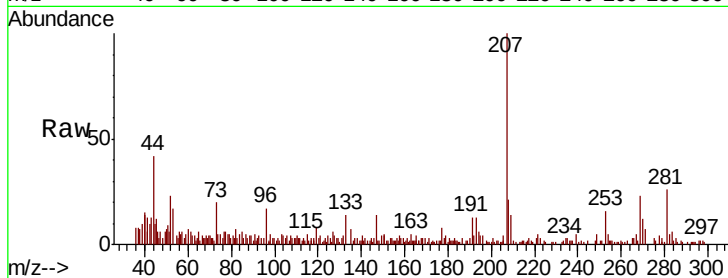




#15  
 Acrylonitrile  
 Concen: 0.505 ug/l  
 RT: 3.11 min Scan# 365  
 Delta R.T. -0.01 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

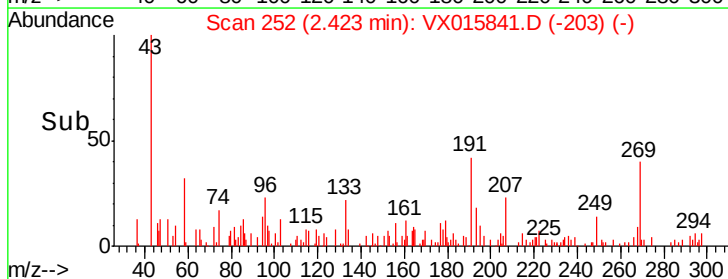
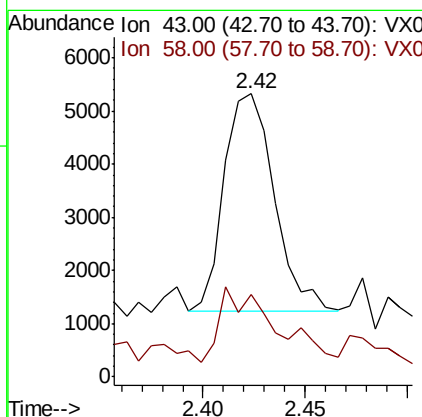
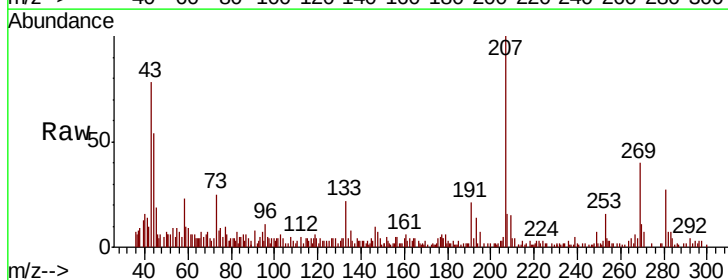
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 TB-01-200420

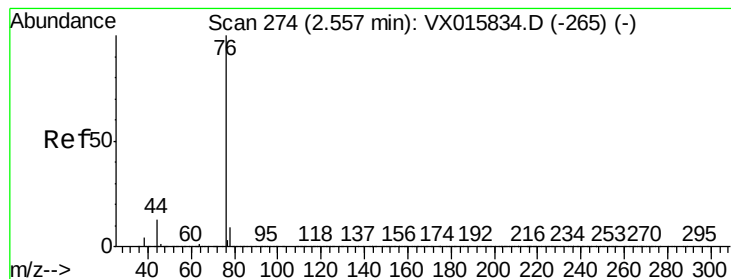
Tot Ion: 53 Resp: 2510  
 Ion Ratio Lower Upper  
 53 100  
 52 118.3 66.2 99.4#  
 51 53.7 28.6 43.0#



#16  
 Acetone  
 Concen: 1.524 ug/l  
 RT: 2.42 min Scan# 252  
 Delta R.T. 0.00 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

Tgt Ion: 43 Resp: 6958  
 Ion Ratio Lower Upper  
 43 100  
 58 29.0 24.0 36.0





#17

Carbon Disulfide

Concen: 1.087 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

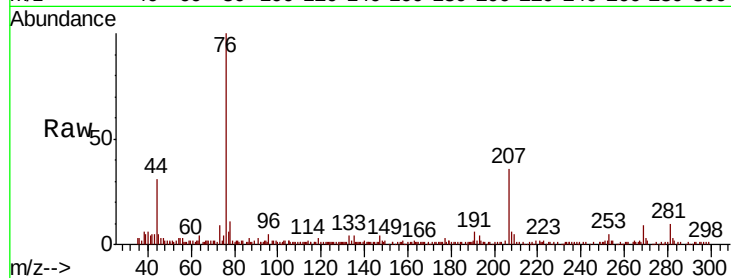
TB-01-200420

Tot Ion: 76 Resp: 31891

Ion Ratio Lower Upper

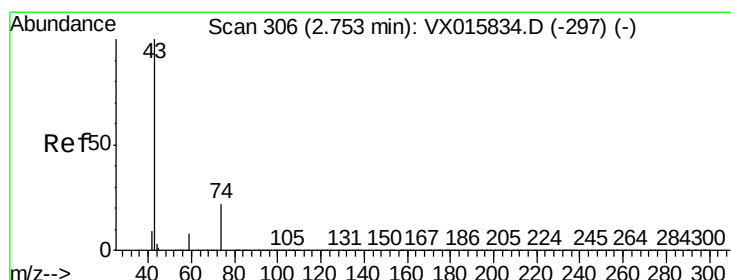
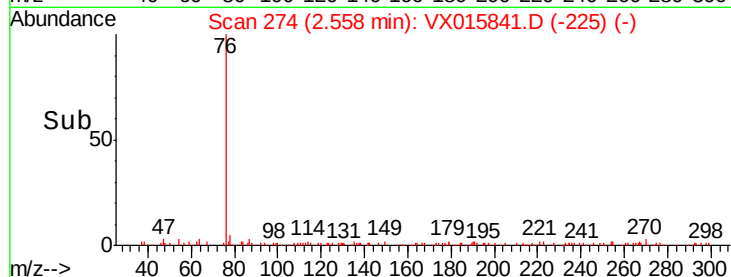
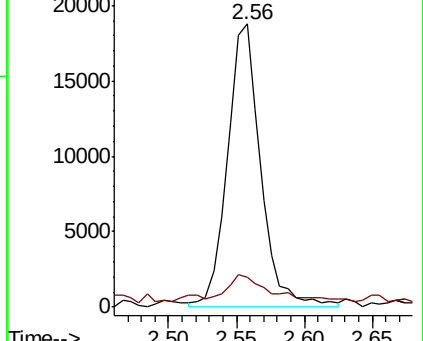
76 100

78 7.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.219 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015841.D

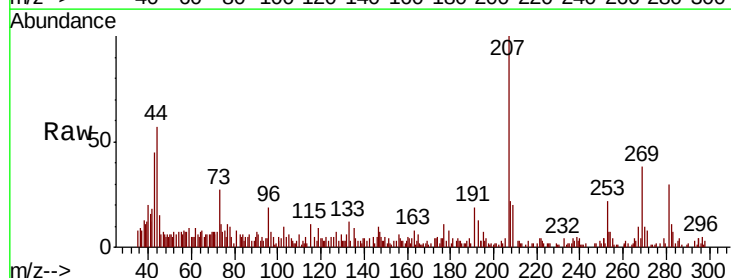
Acq: 22 Apr 2020 15:07

Tgt Ion: 43 Resp: 3307

Ion Ratio Lower Upper

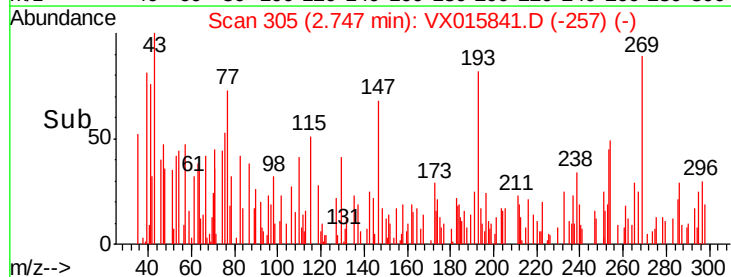
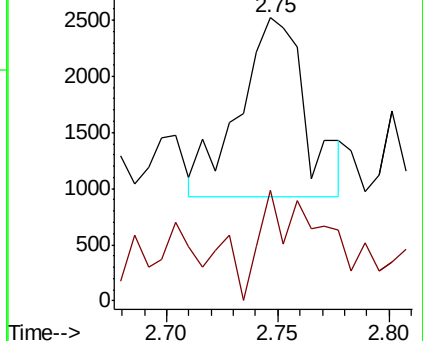
43 100

74 21.8 17.9 26.9

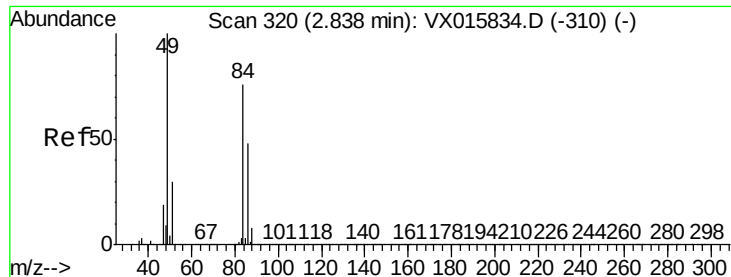


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



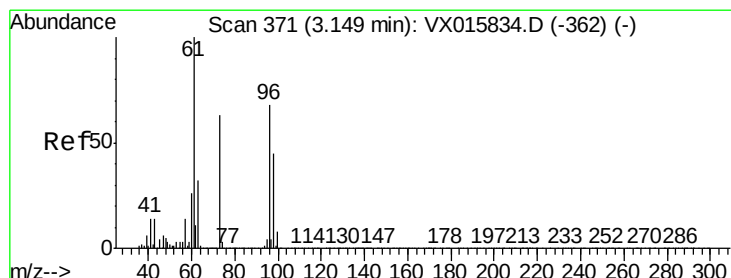
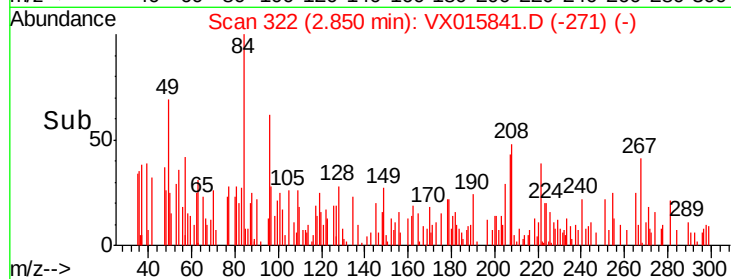
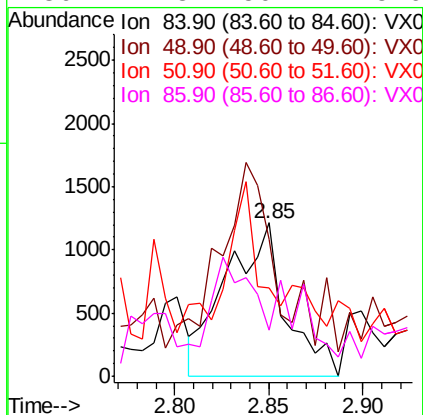
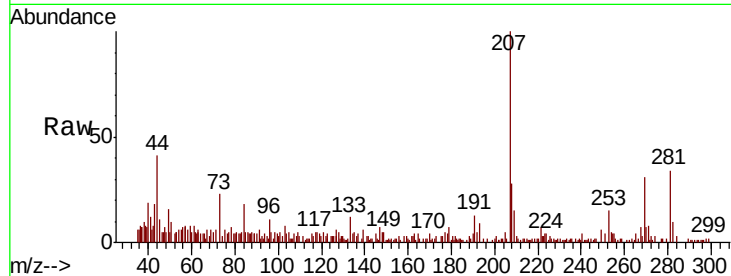




#20  
Methylene Chloride  
Concen: 0.286 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.01 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

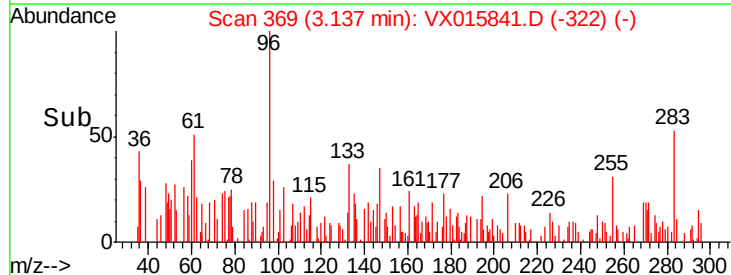
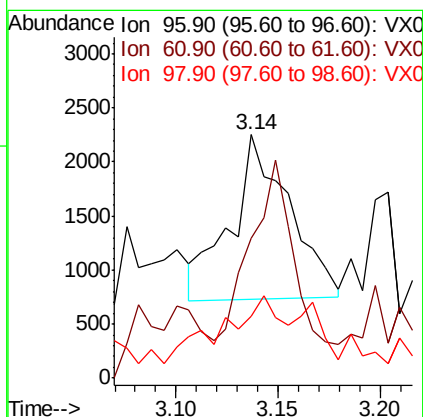
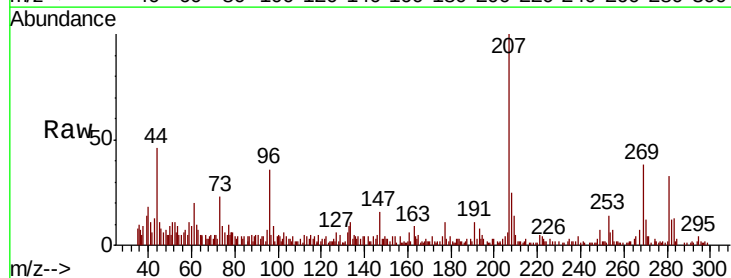
Instrument :  
MSVOA\_X  
ClientSampled :  
TB-01-200420

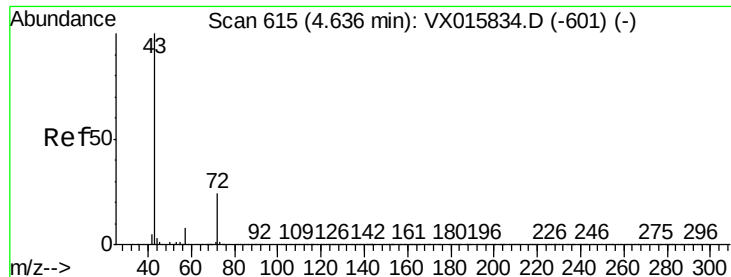
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 84    | Resp: | 2655   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 52.1  | 104.9 | 157.3# |
| 51       | 11.1  | 32.0  | 48.0#  |
| 86       | 17.3  | 50.4  | 75.6#  |



#21  
trans-1,2-Dichloroethene  
Concen: 0.338 ug/l  
RT: 3.14 min Scan# 369  
Delta R.T. -0.01 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 3032   |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 82.3  | 117.5 | 176.3# |
| 98       | 33.5  | 52.7  | 79.1#  |





#25

2-Butanone

Concen: 0.366 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.02 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

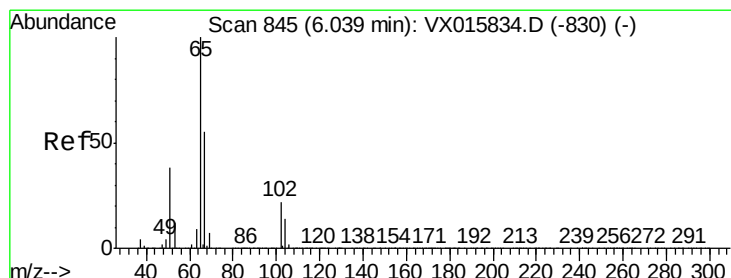
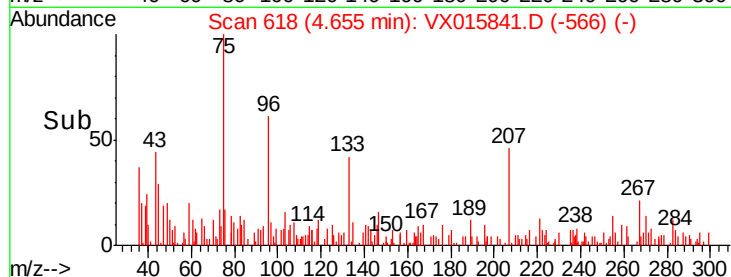
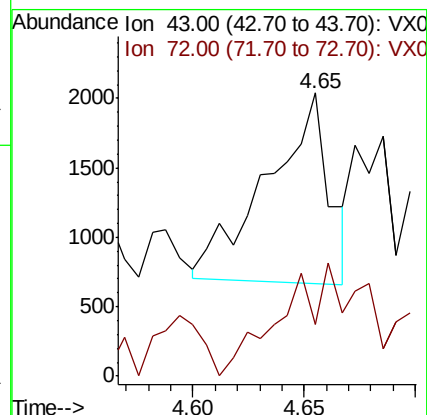
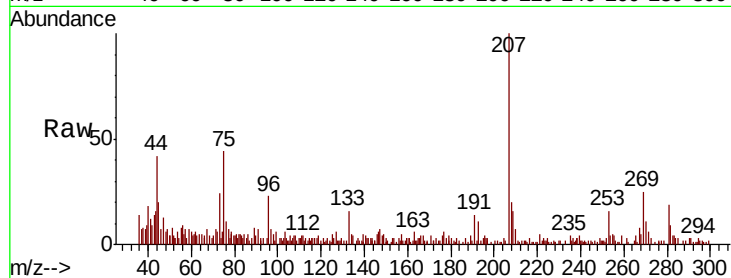
TB-01-200420

Tot Ion: 43 Resp: 2639

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#33

1,2-Dichloroethane-d4

Concen: 48.586 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015841.D

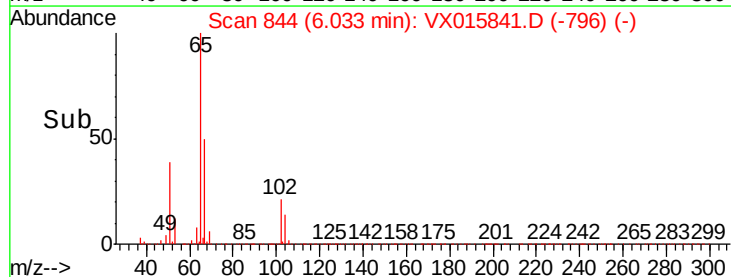
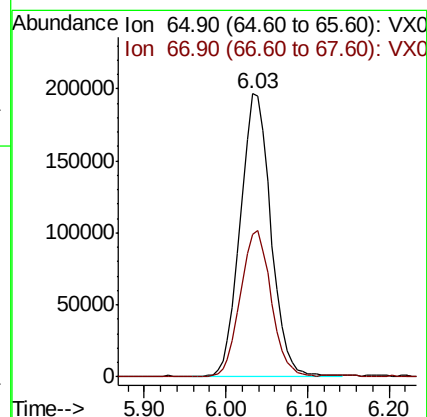
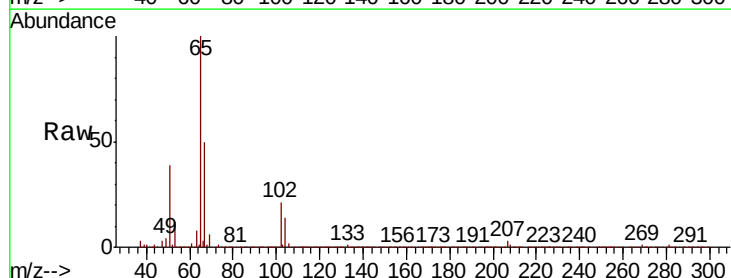
Acq: 22 Apr 2020 15:07

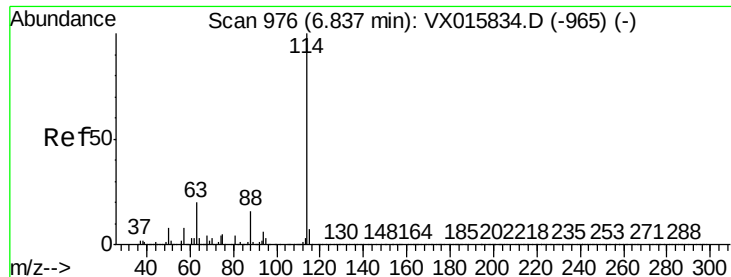
Tgt Ion: 65 Resp: 509613

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200420

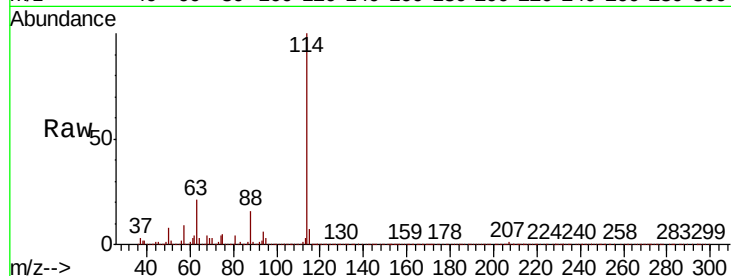
Tot Ion:114 Resp: 1406816

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

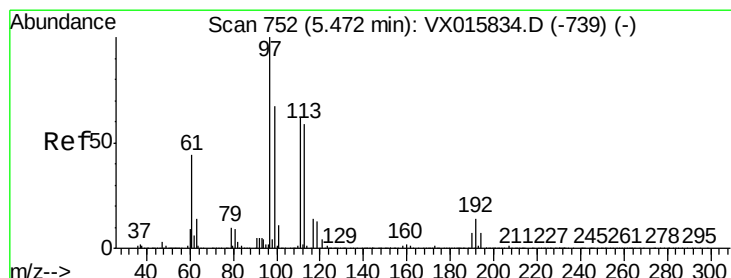
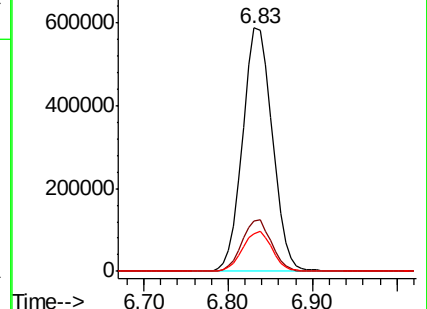
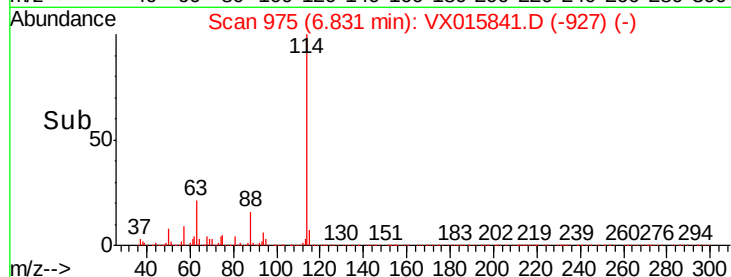
88 15.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.999 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

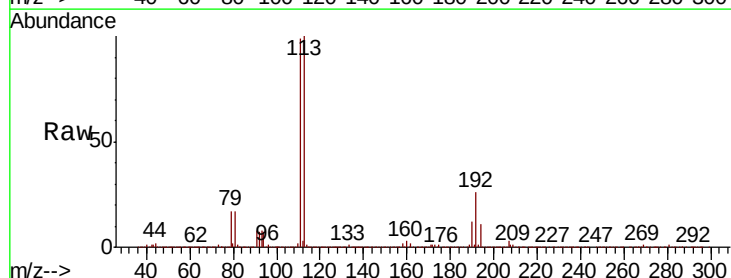
Tgt Ion:113 Resp: 406015

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

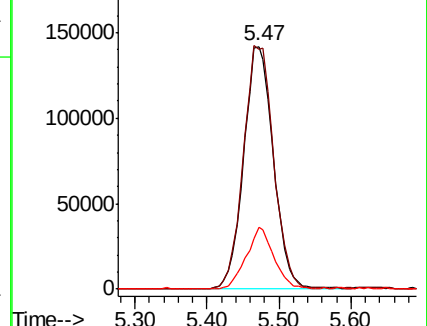
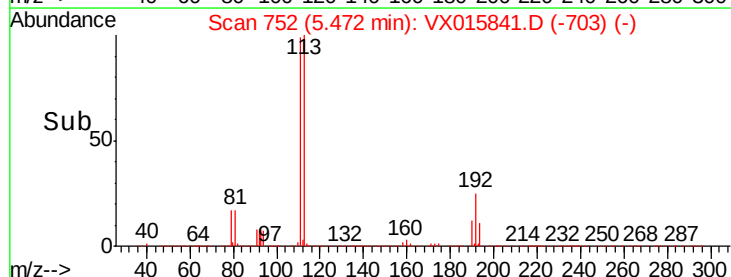
192 23.2 19.3 28.9

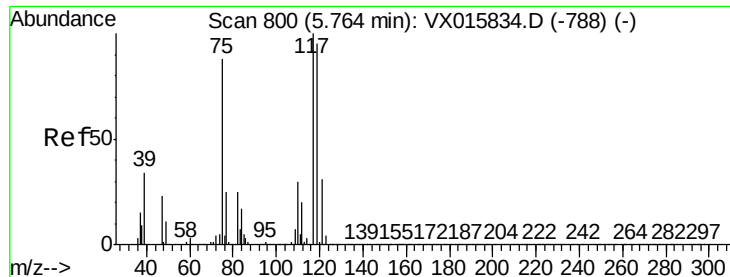


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 6.655 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200420

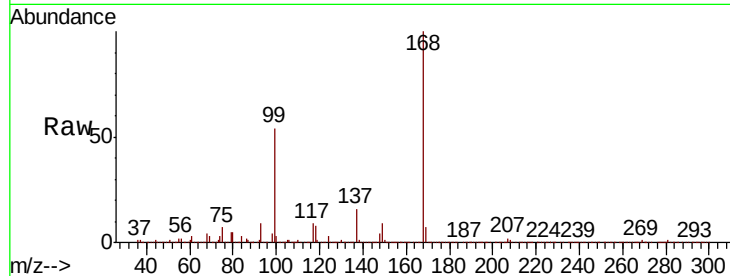
Tot Ion:117 Resp: 81761

Ion Ratio Lower Upper

117 100

119 5.1 75.7 113.5#

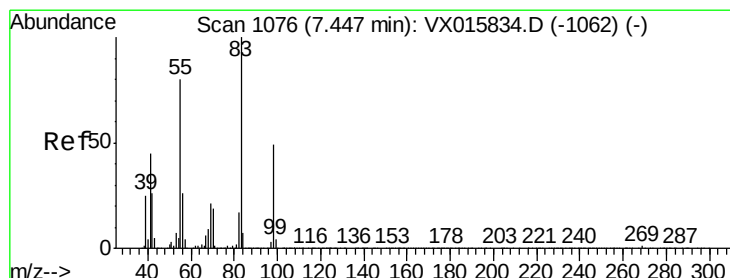
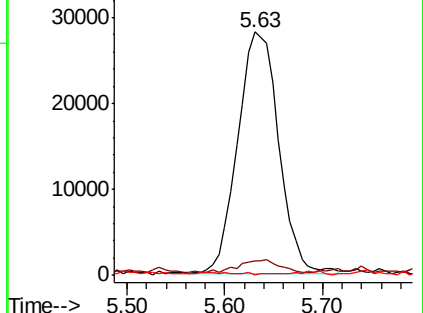
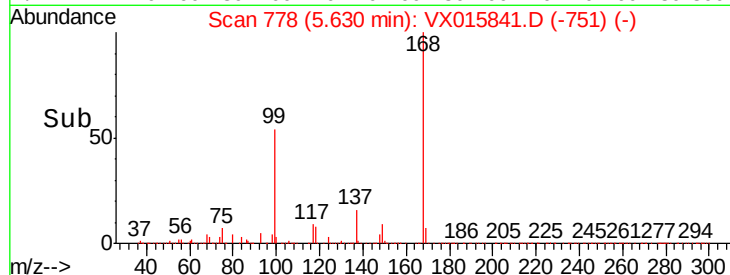
121 0.0 25.0 37.6#



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: 0.228 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

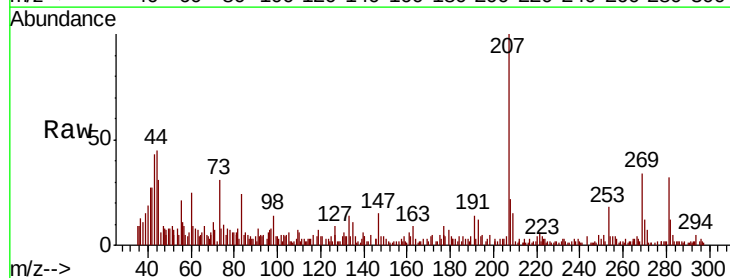
Tgt Ion: 83 Resp: 3594

Ion Ratio Lower Upper

83 100

55 67.3 64.2 96.4

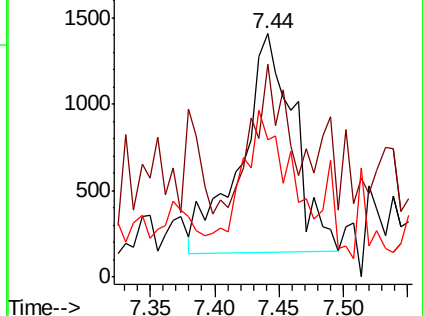
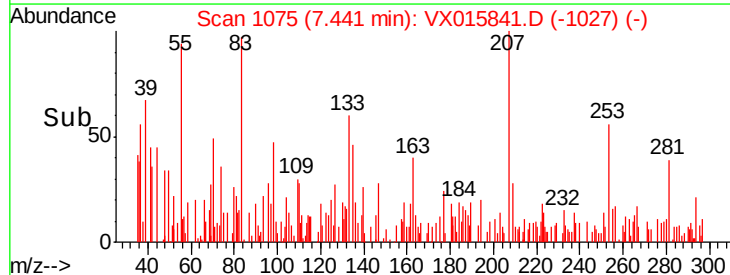
98 49.9 39.3 58.9

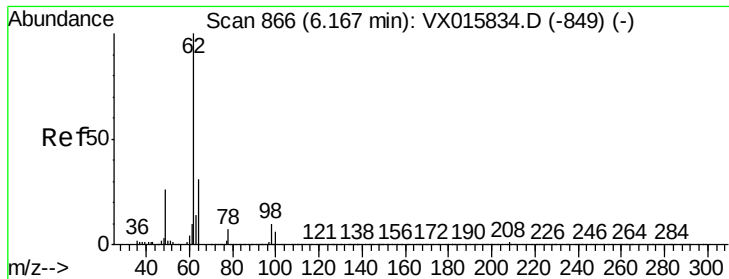


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#42

1,2-Dichloroethane

Concen: 0.247 ug/l

RT: 6.16 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA\_X

ClientSampled :

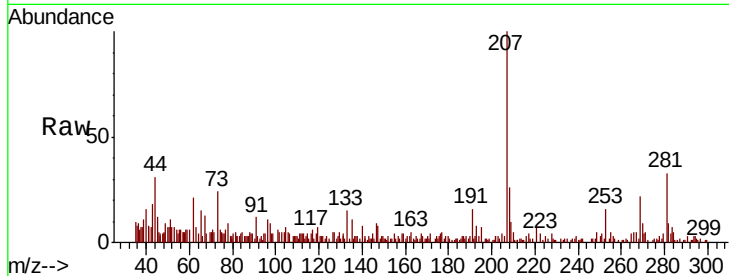
TB-01-200420

Tot Ion: 62 Resp: 3341

Ion Ratio Lower Upper

62 100

98 5.3 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.16

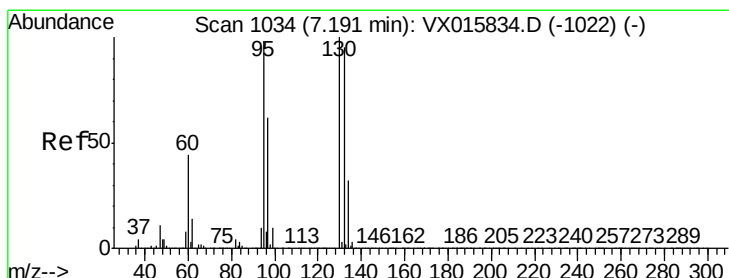
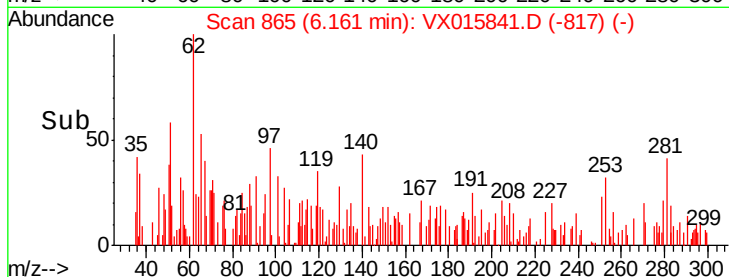
1500

1000

500

0

Time--> 6.10 6.15 6.20 6.25



#44

Trichloroethene

Concen: 0.275 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015841.D

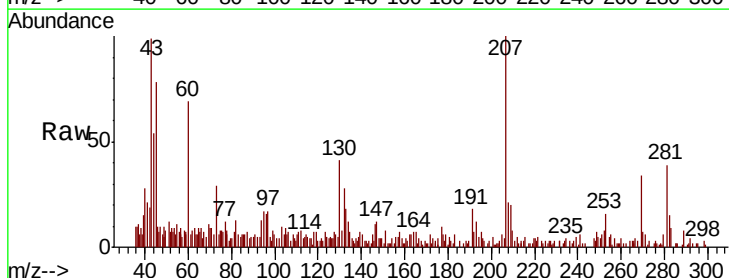
Acq: 22 Apr 2020 15:07

Tgt Ion: 130 Resp: 3635

Ion Ratio Lower Upper

130 100

95 29.6 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

2000

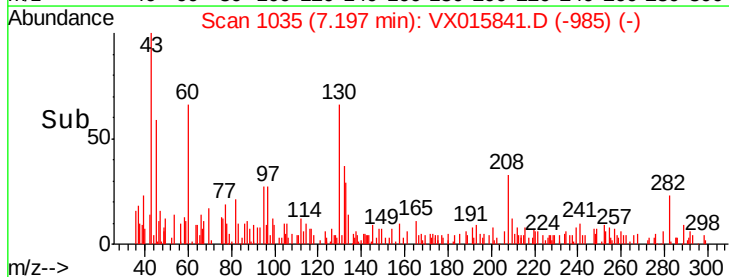
1500

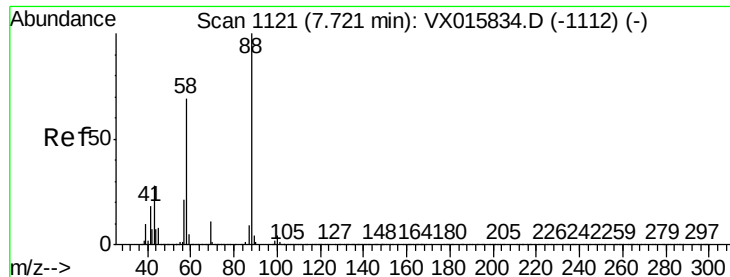
1000

500

0

Time--> 7.15 7.20 7.25

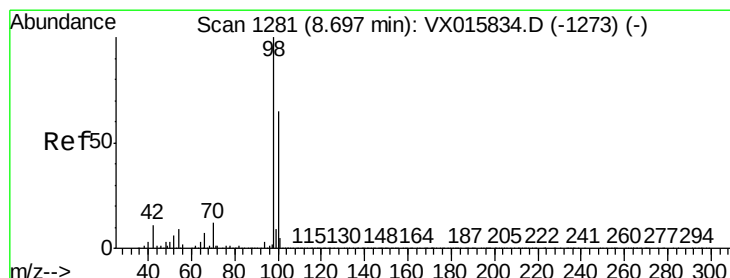
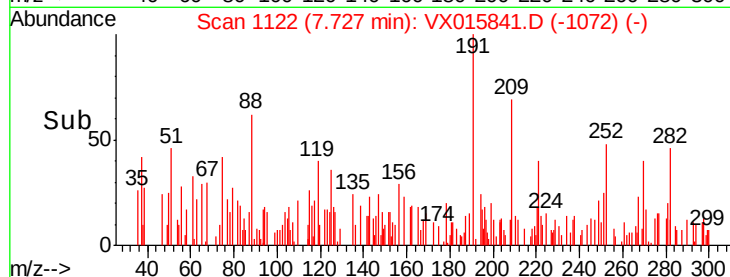
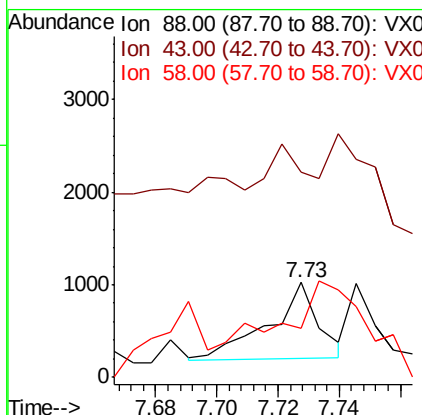
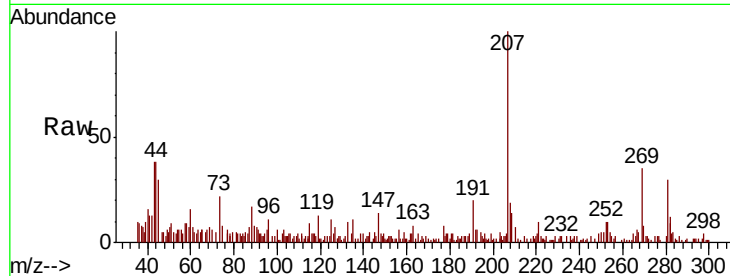




#49  
1,4-Dioxane  
Concen: 3.914 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. 0.01 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

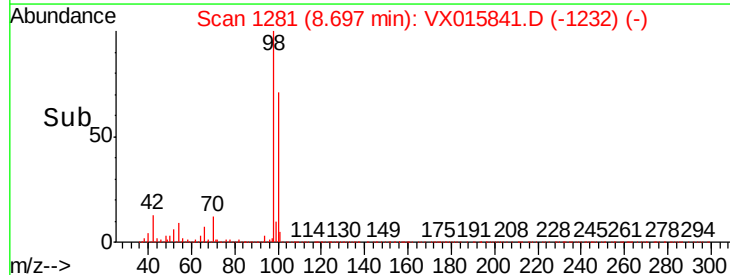
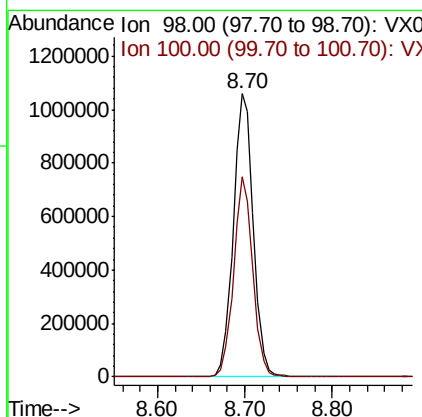
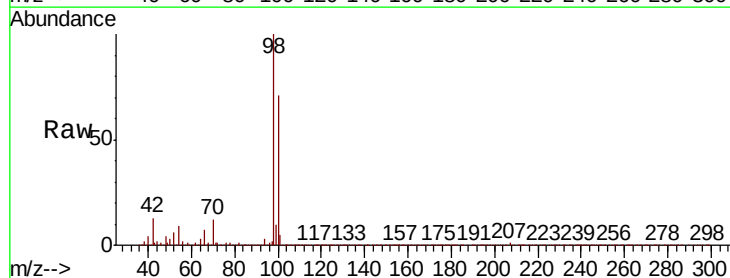
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200420

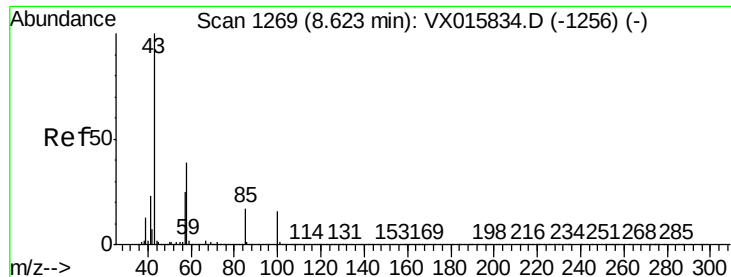
Tot Ion: 88 Resp: 911  
Ion Ratio Lower Upper  
88 100  
43 37.3 28.2 42.4  
58 232.4 58.9 88.3#



#50  
Toluene-d8  
Concen: 51.654 ug/l  
RT: 8.70 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

Tgt Ion: 98 Resp: 1688585  
Ion Ratio Lower Upper  
98 100  
100 67.7 53.8 80.6

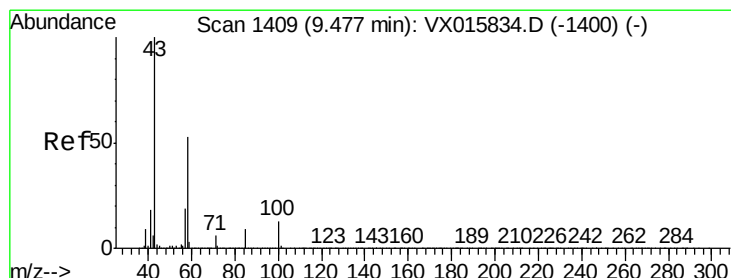
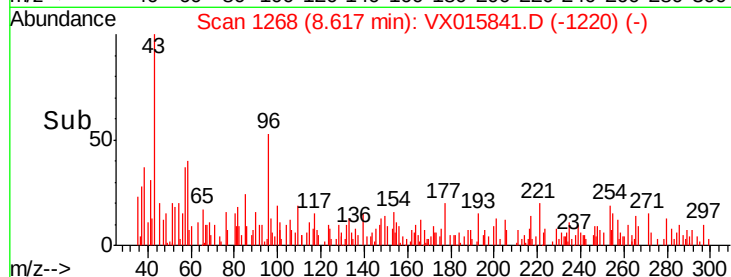
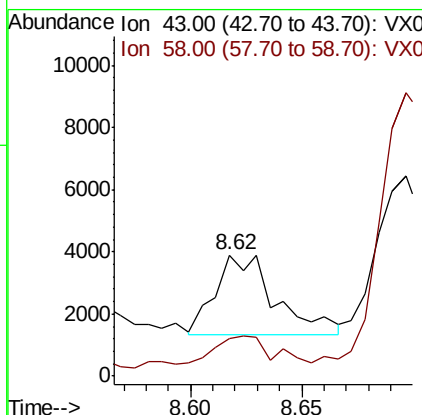
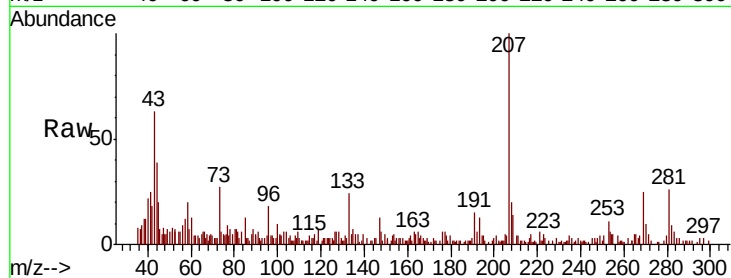




#51  
4-Methyl-2-Pentanone  
Concen: 0.330 ug/l  
RT: 8.62 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

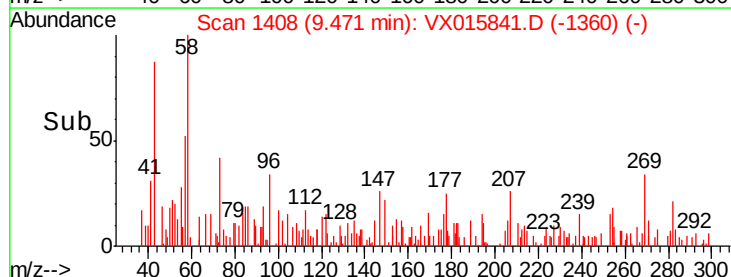
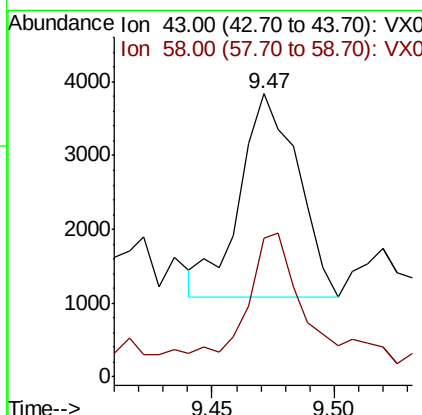
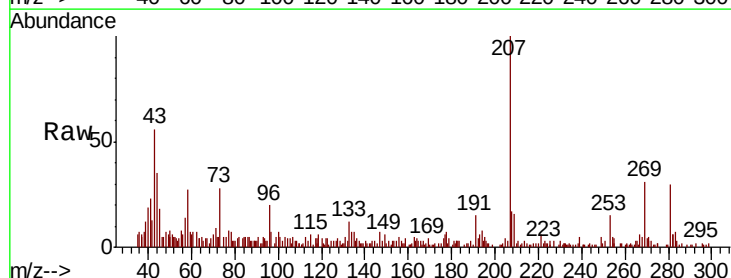
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200420

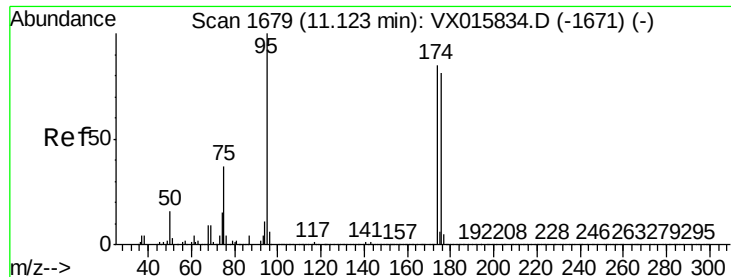
Tot Ion: 43 Resp: 4776  
Ion Ratio Lower Upper  
43 100  
58 36.4 30.6 45.8



#59  
2-Hexanone  
Concen: 0.417 ug/l  
RT: 9.47 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

Tgt Ion: 43 Resp: 4593  
Ion Ratio Lower Upper  
43 100  
58 64.1 26.5 79.4

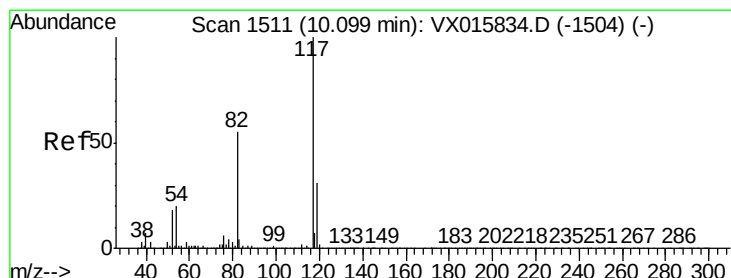
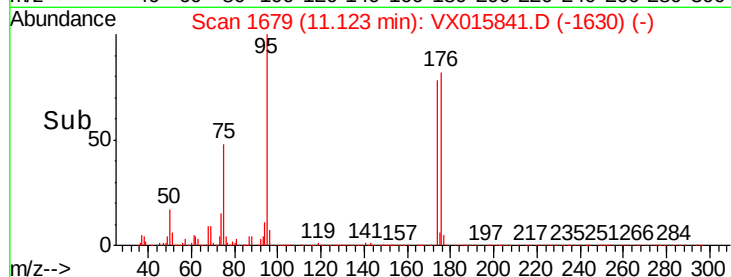
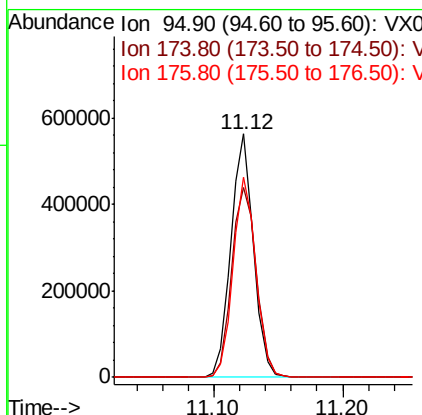
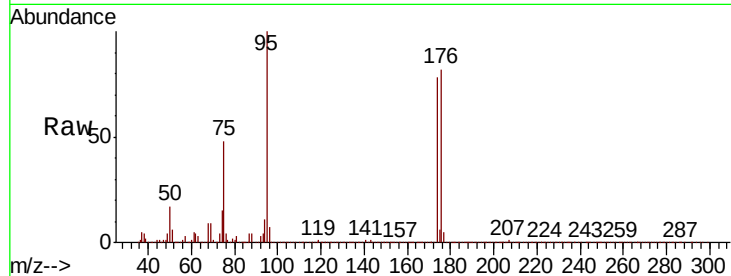




#62  
4-Bromofluorobenzene  
Concen: 51.787 ug/l  
RT: 11.12 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

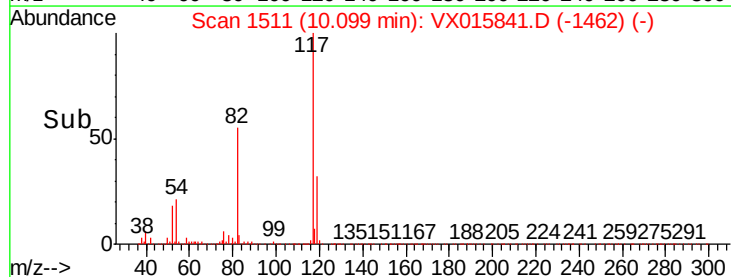
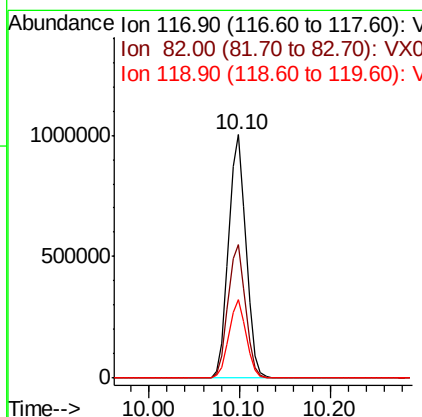
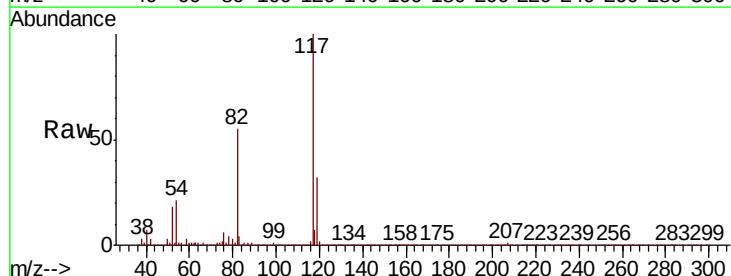
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200420

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 85.1  | 0.0   | 172.4 |
| 176     | 82.7  | 0.0   | 167.0 |

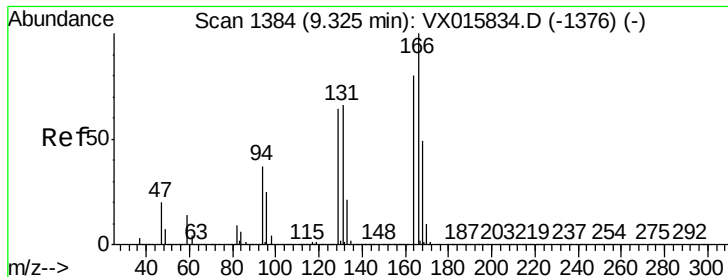


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.9  | 43.9  | 65.9  |
| 119     | 32.3  | 25.1  | 37.7  |







#64

Tetrachloroethene

Concen: 0.220 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200420

Tot Ion:164 Resp: 3984

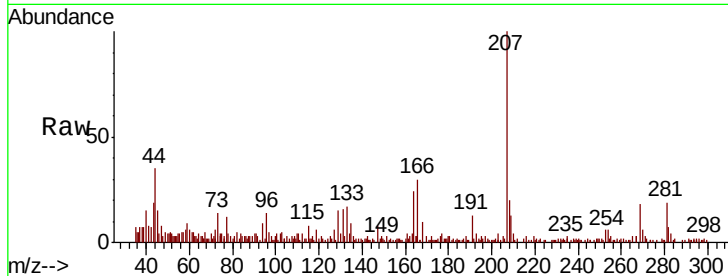
Ion Ratio Lower Upper

164 100

166 120.4 100.2 150.2

129 54.9 64.5 96.7#

131 56.2 65.9 98.9#



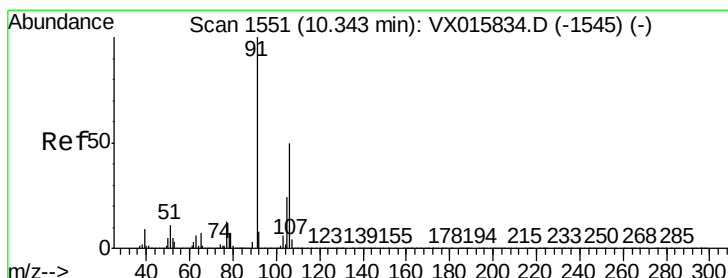
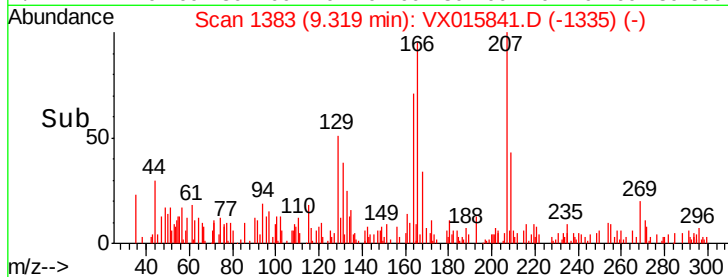
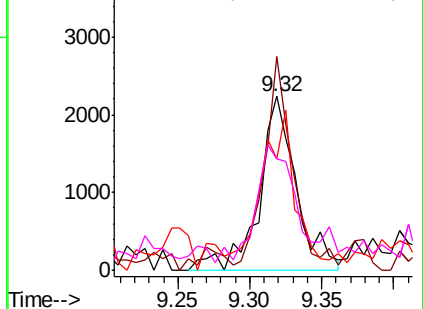
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.296 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015841.D

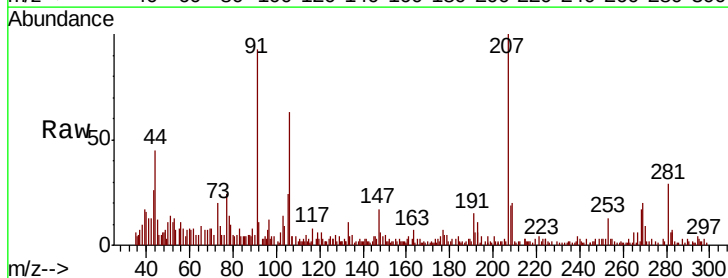
Acq: 22 Apr 2020 15:07

Tgt Ion:106 Resp: 5234

Ion Ratio Lower Upper

106 100

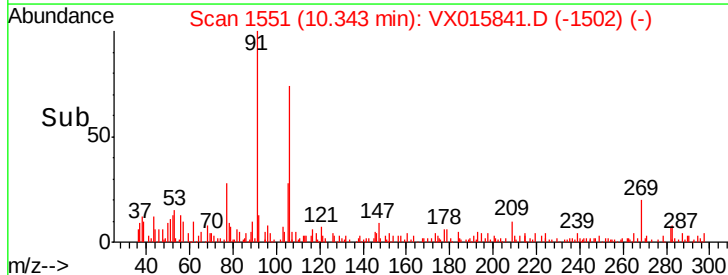
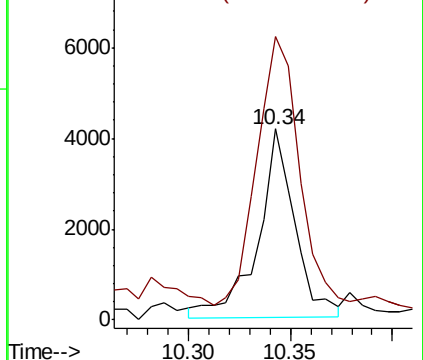
91 161.8 161.1 241.7

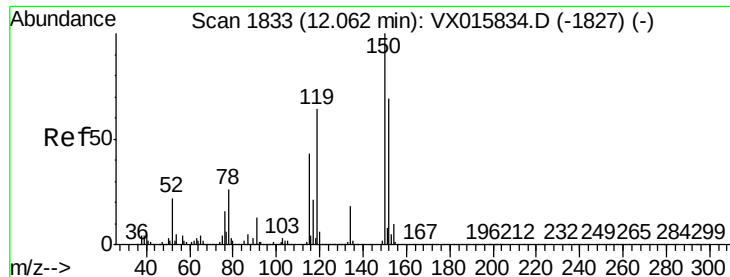


Abundance

Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

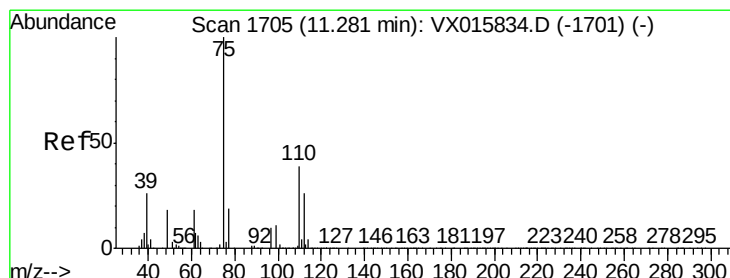
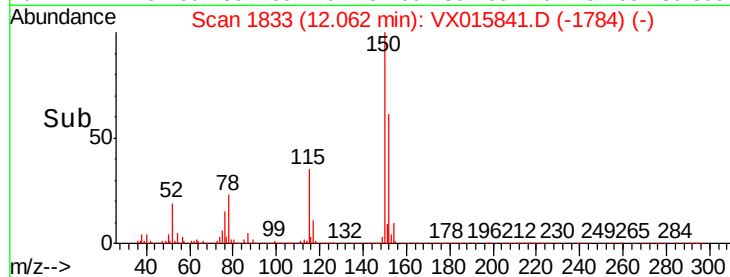
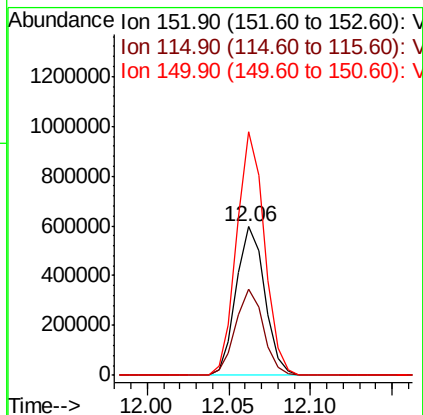
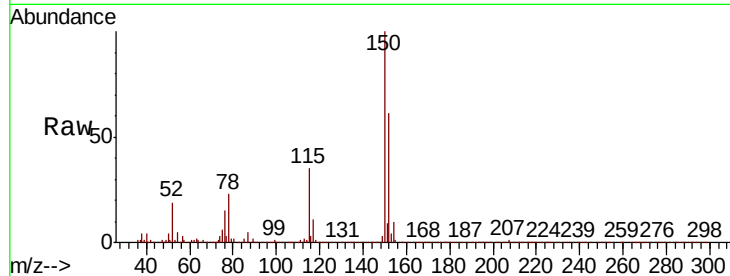




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.06 min Scan# 1833  
 Delta R.T. 0.00 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

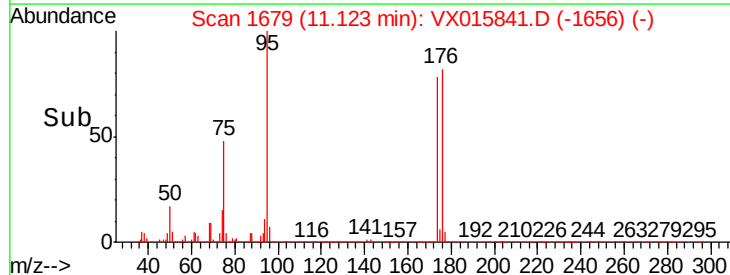
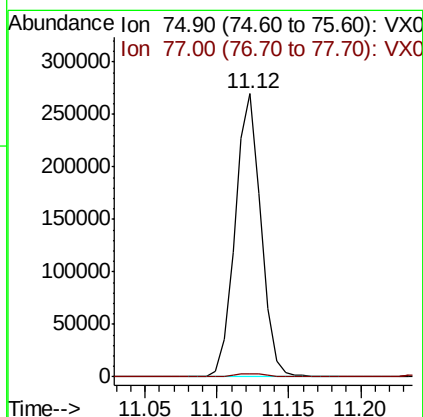
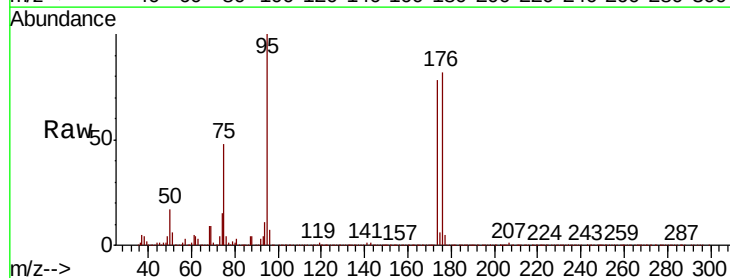
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-200420

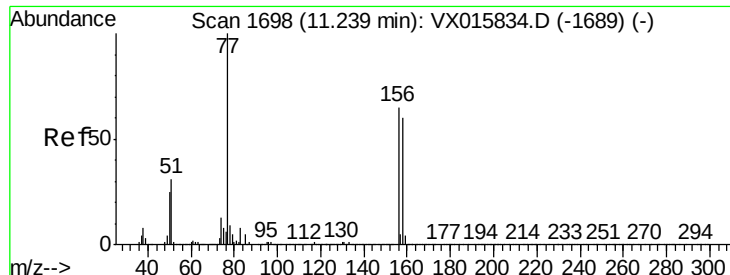
Tot Ion:152 Resp: 732748  
 Ion Ratio Lower Upper  
 152 100  
 115 56.4 39.0 116.9  
 150 158.6 0.0 336.8



#76  
 1,2,3-Trichloropropane  
 Concen: 24.141 ug/l  
 RT: 11.12 min Scan# 1679  
 Delta R.T. -0.16 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

Tgt Ion: 75 Resp: 336371  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 21.3 63.9#





#77

Bromobenzene

Concen: 0.201 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-200420

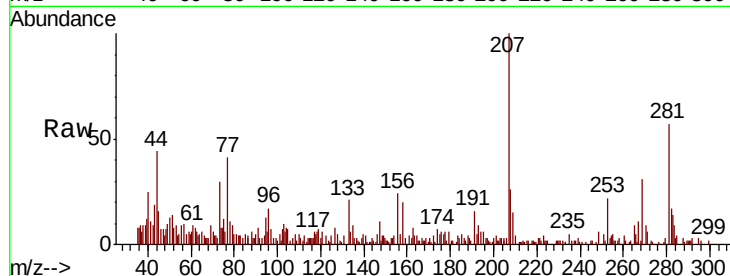
Tot Ion:156 Resp: 2553

Ion Ratio Lower Upper

156 100

77 130.0 75.2 225.6

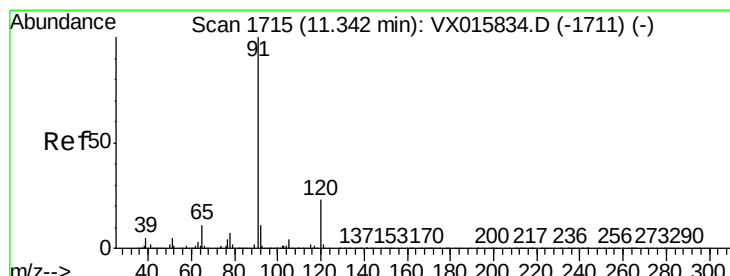
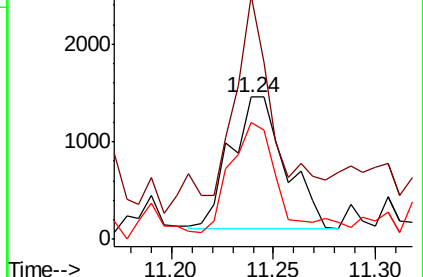
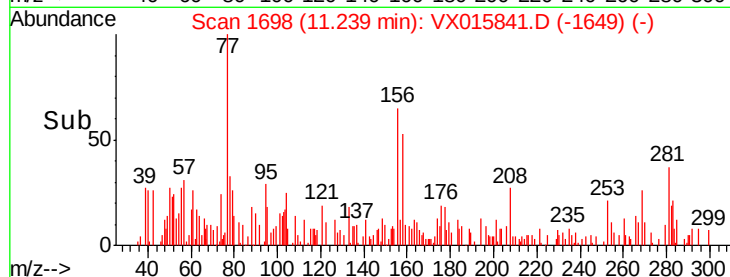
158 70.4 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.203 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015841.D

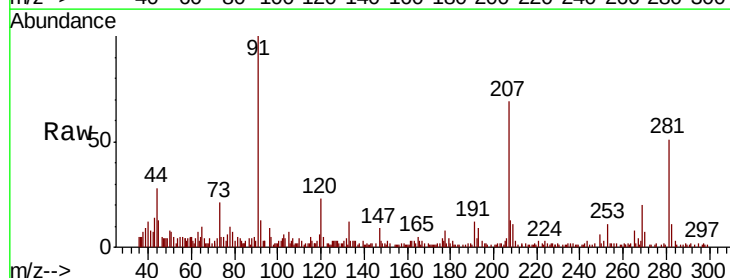
Acq: 22 Apr 2020 15:07

Tgt Ion: 91 Resp: 10846

Ion Ratio Lower Upper

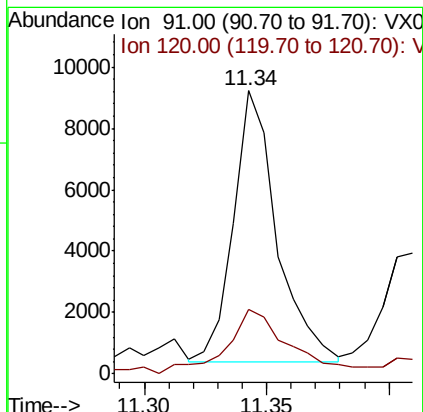
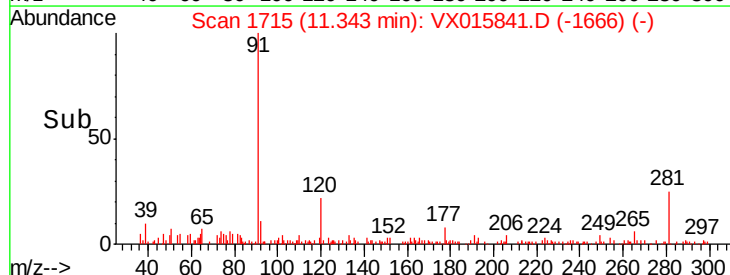
91 100

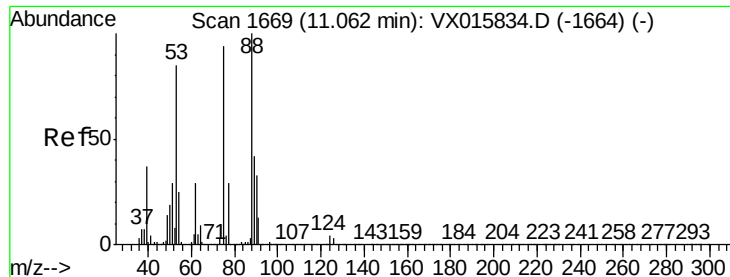
120 34.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

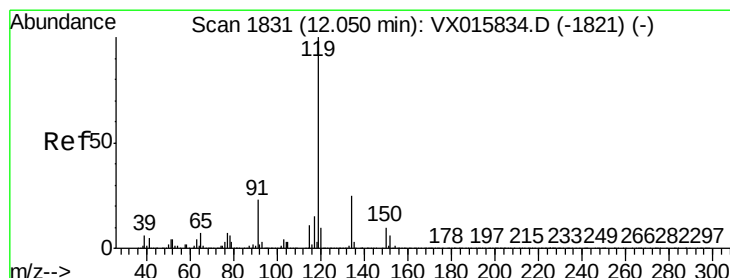
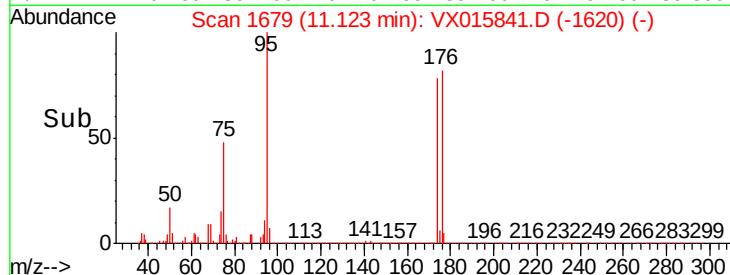
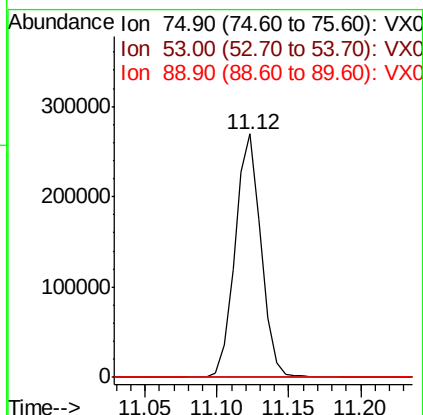
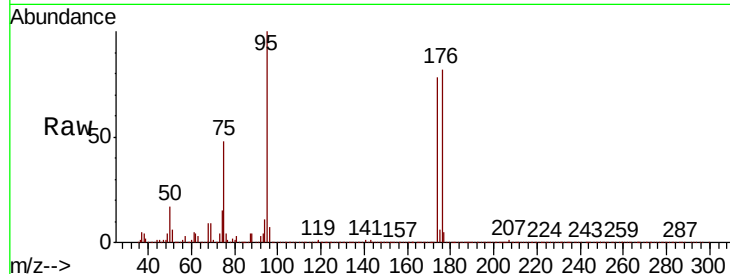




#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.071 ug/l  
RT: 11.12 min Scan# 1679  
Delta R.T. 0.06 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

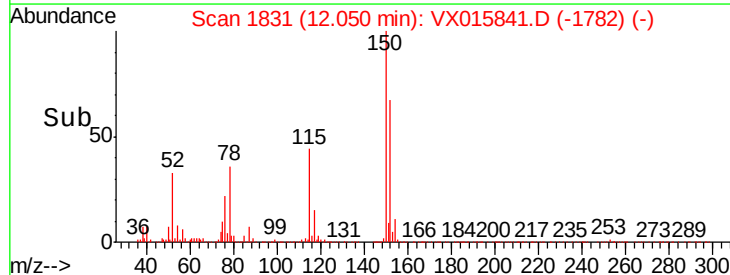
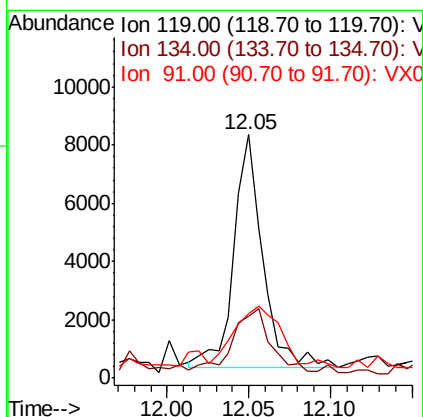
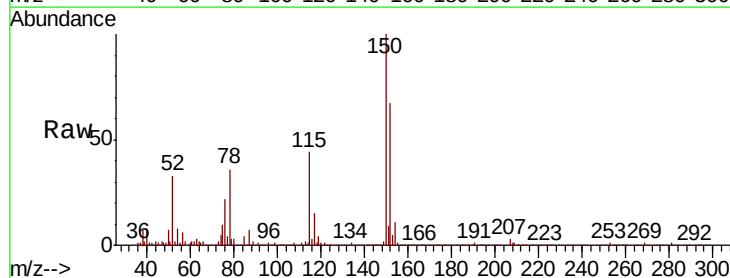
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200420

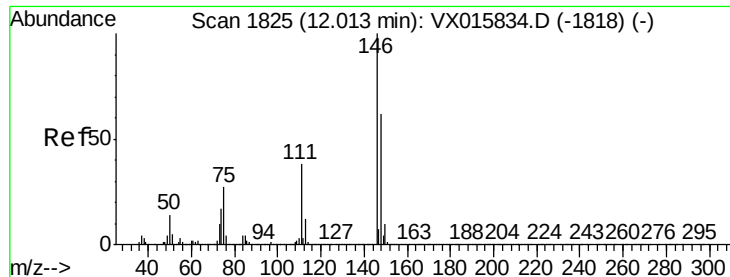
Tot Ion: 75 Resp: 336371  
Ion Ratio Lower Upper  
75 100  
53 0.1 74.2 111.2#  
89 0.0 38.0 57.0#



#86  
p-Isopropyltoluene  
Concen: 0.228 ug/l  
RT: 12.05 min Scan# 1831  
Delta R.T. 0.00 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

Tgt Ion:119 Resp: 9878  
Ion Ratio Lower Upper  
119 100  
134 39.3 13.0 38.9#  
91 37.8 11.5 34.5#





#87

1,3-Dichlorobenzene

Concen: 0.283 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

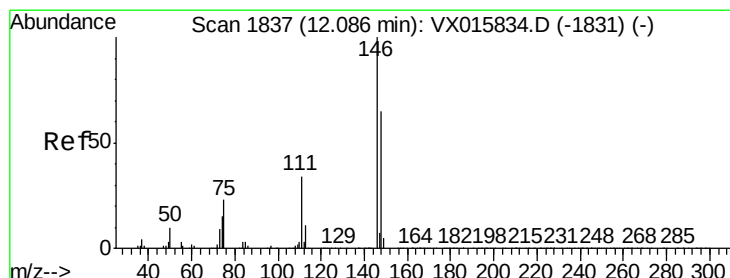
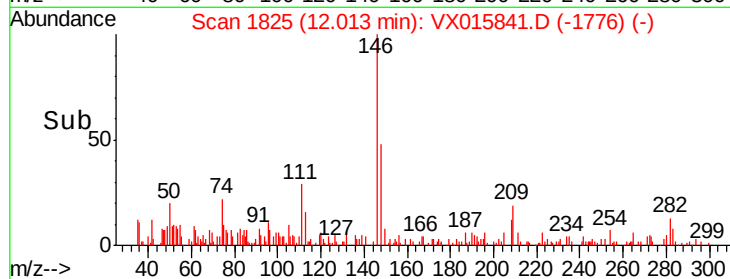
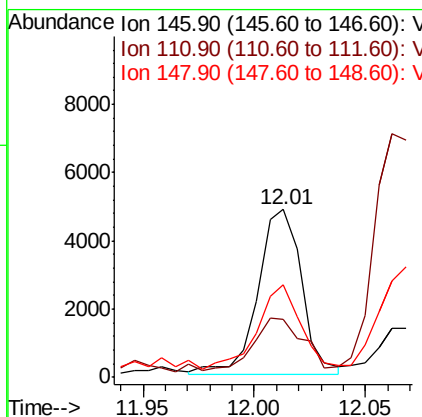
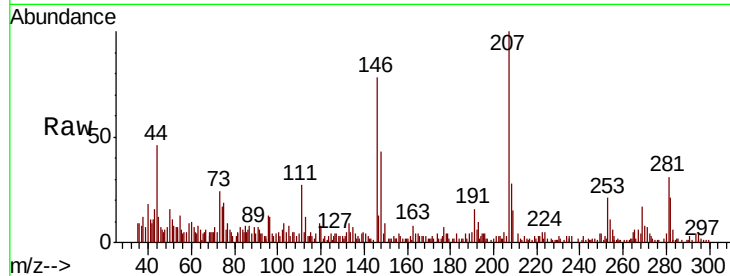
Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200420

Tot Ion:146 Resp: 6605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 42.1  | 19.1  | 57.1  |
| 148 | 54.6  | 30.9  | 92.7  |



#88

1,4-Dichlorobenzene

Concen: 0.291 ug/l

RT: 12.01 min Scan# 1825

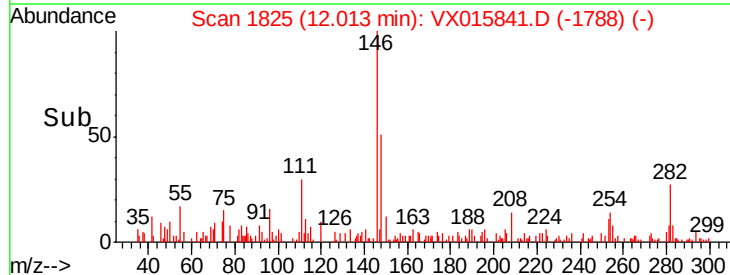
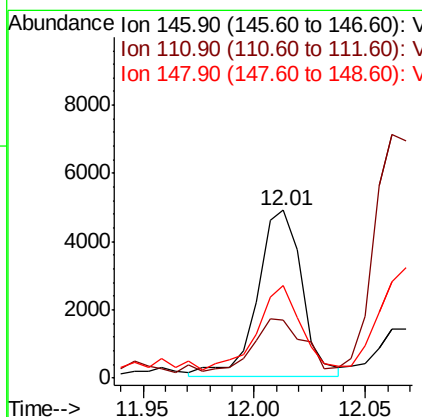
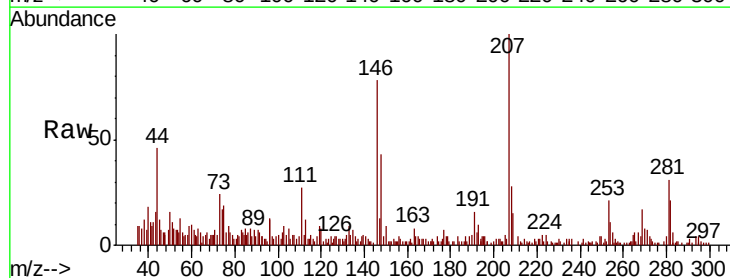
Delta R.T. -0.07 min

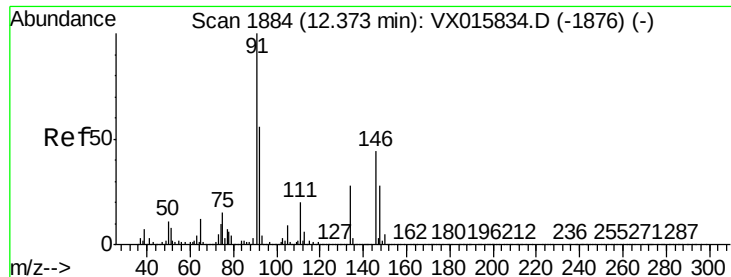
Lab File: VX015841.D

Acq: 22 Apr 2020 15:07

Tgt Ion:146 Resp: 6810

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 36.2  | 19.4  | 58.2  |
| 148 | 50.9  | 33.8  | 101.4 |

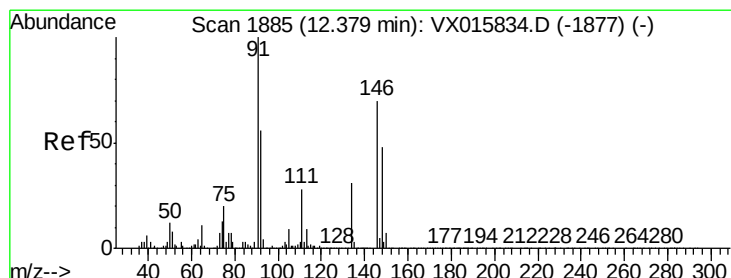
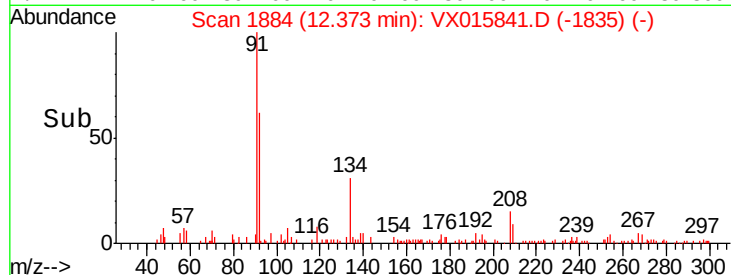
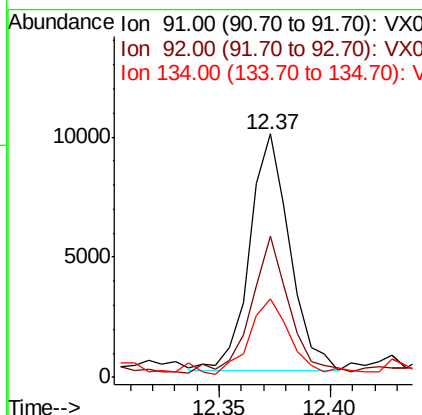
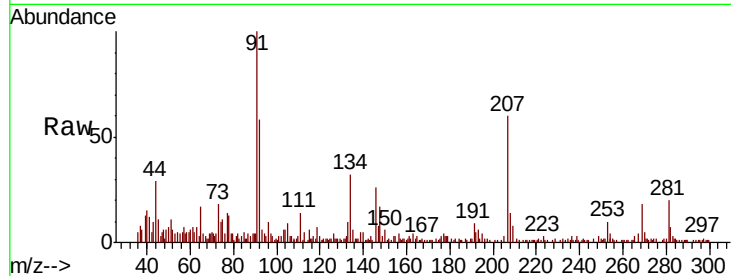




#89  
n-Butylbenzene  
Concen: 0.318 ug/l  
RT: 12.37 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

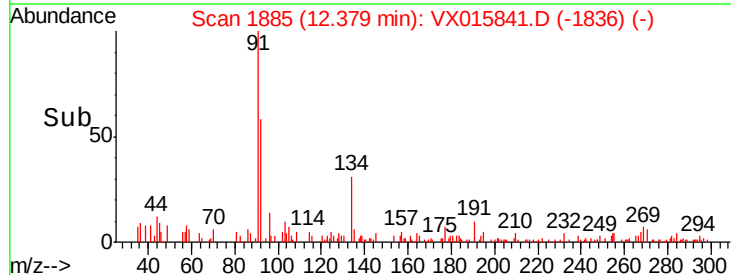
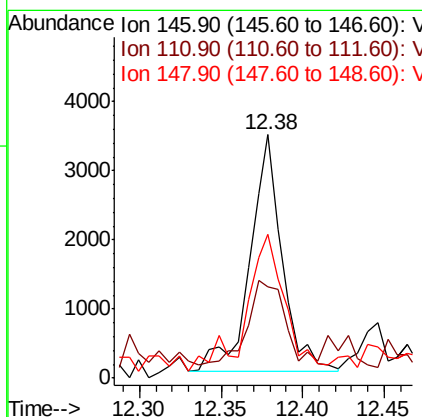
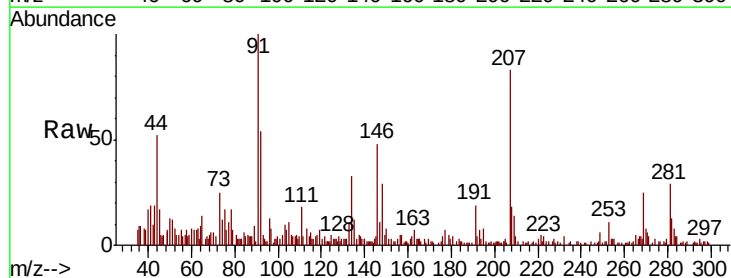
Instrument :  
MSVOA\_X  
ClientSampled :  
TB-01-200420

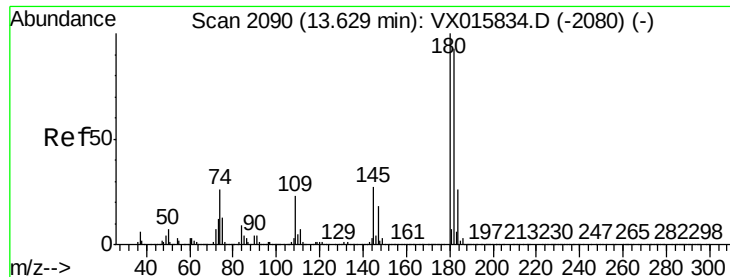
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.0  | 27.7  | 83.1  |
| 134     | 32.5  | 14.1  | 42.4  |



#91  
1,2-Dichlorobenzene  
Concen: 0.211 ug/l  
RT: 12.38 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 47.3  | 20.3  | 61.0  |
| 148     | 70.5  | 32.1  | 96.3  |

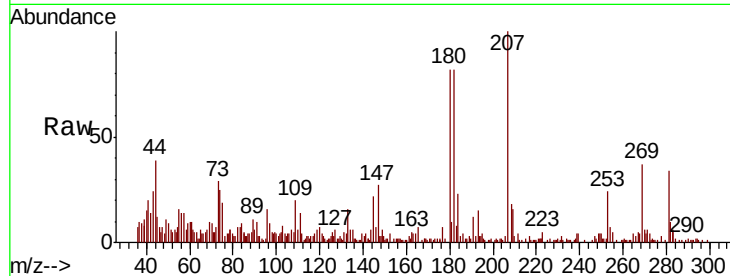




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.449 ug/l  
 RT: 13.63 min Scan# 2090  
 Delta R.T. 0.00 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-200420

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 106.6 | 47.7  | 143.1 |
| 145     | 34.8  | 14.5  | 43.5  |

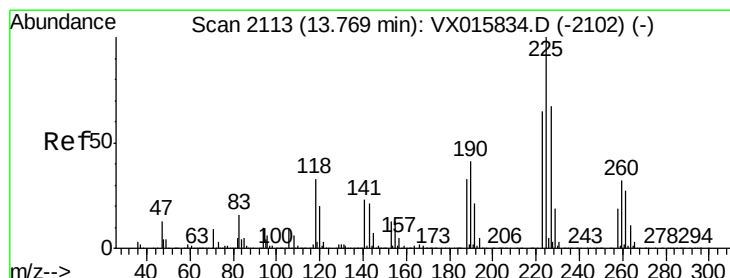
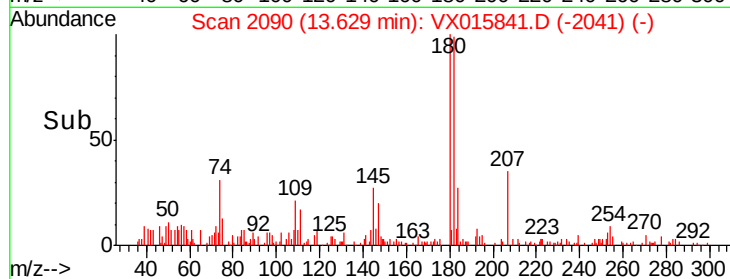
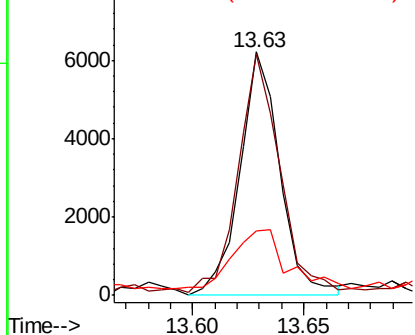


Abundance

Ion 179.80 (179.50 to 180.50): V

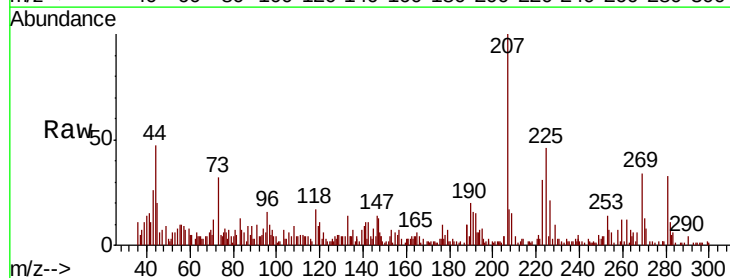
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 0.528 ug/l  
 RT: 13.77 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VX015841.D  
 Acq: 22 Apr 2020 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 53.4  | 31.3  | 93.8  |
| 227     | 62.1  | 32.6  | 97.8  |

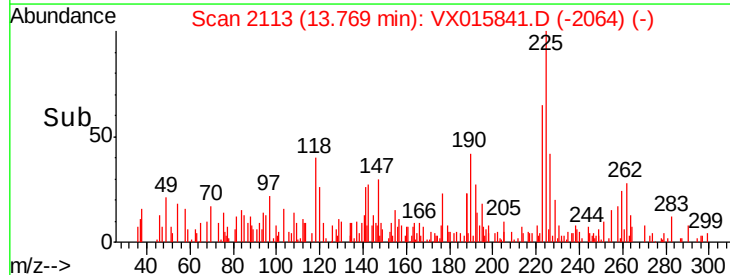
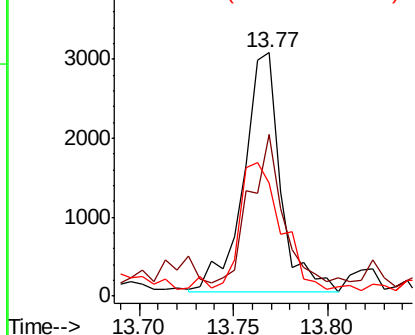


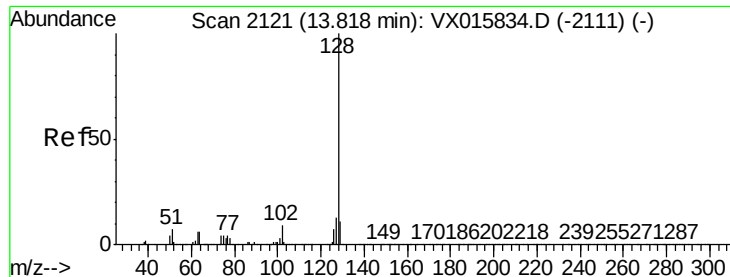
Abundance

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

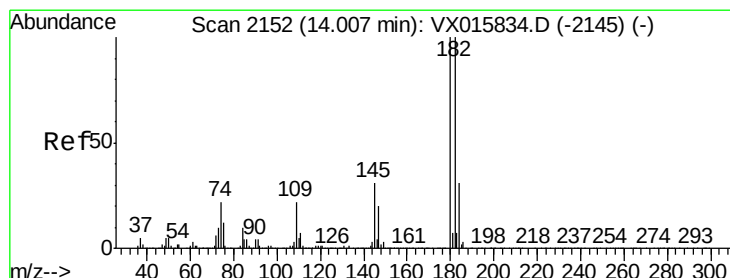
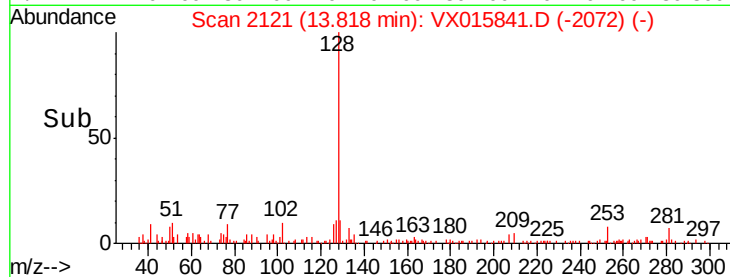
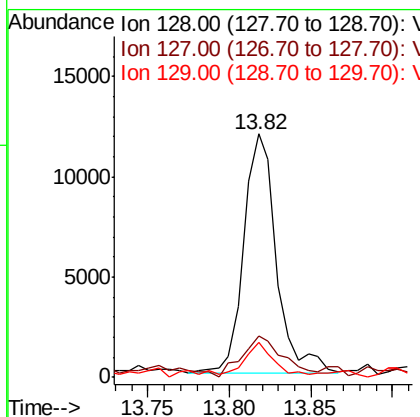
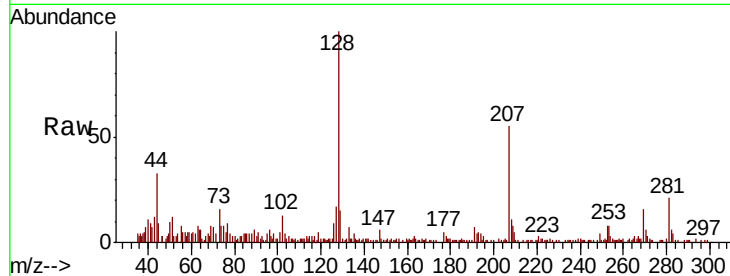




#95  
Naphthalene  
Concen: 0.331 ug/l  
RT: 13.82 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-200420

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 22.1  | 10.5  | 15.7# |
| 129     | 12.4  | 8.5   | 12.7  |



#96  
1,2,3-Trichlorobenzene  
Concen: 0.441 ug/l  
RT: 14.01 min Scan# 2152  
Delta R.T. 0.00 min  
Lab File: VX015841.D  
Acq: 22 Apr 2020 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 77.5  | 47.9  | 143.7 |
| 145     | 26.1  | 15.2  | 45.5  |

