

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\  
 Data File : VX015676.D  
 Acq On : 15 Apr 2020 12:31  
 Operator : JC/SP  
 Sample : VX0415WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

Quant Time: Apr 16 05:46:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 1108909  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 1618033  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1472048  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 793131   | 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   | 705856   | 45.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.26%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 534015   | 51.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.26% |          |
| 50) Toluene-d8              | 8.70  | 98   | 1989273  | 52.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.48% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 792665   | 51.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.44% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85   | 159078   | 16.283 | ug/l  | 99     |
| 3) Chloromethane              | 1.31 | 50   | 191603   | 15.400 | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.39 | 62   | 193566   | 16.944 | ug/l  | 99     |
| 5) Bromomethane               | 1.63 | 94   | 140879   | 22.266 | ug/l  | 95     |
| 6) Chloroethane               | 1.71 | 64   | 123492   | 17.429 | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 274473   | 17.915 | ug/l  | 97     |
| 8) Diethyl Ether              | 2.17 | 74   | 114627   | 17.738 | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101  | 184462   | 18.469 | ug/l  | 98     |
| 10) Methyl Iodide             | 2.49 | 142  | 169058   | 12.555 | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.01 | 59   | 241760   | 64.581 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 176884   | 16.896 | ug/l  | 96     |
| 13) Acrolein                  | 2.27 | 56   | 167166   | 78.391 | ug/l  | 99     |
| 14) Allyl chloride            | 2.70 | 41   | 386723   | 15.809 | ug/l  | 99     |
| 15) Acrylonitrile             | 3.11 | 53   | 554518   | 77.673 | ug/l  | 100    |
| 16) Acetone                   | 2.42 | 43   | 529974   | 78.874 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.55 | 76   | 468281   | 14.663 | ug/l  | 98     |
| 18) Methyl Acetate            | 2.75 | 43   | 268888   | 15.679 | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 680512   | 16.760 | ug/l  | 99     |
| 20) Methylene Chloride        | 2.83 | 84   | 204392   | 16.285 | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 192015   | 16.526 | ug/l  | 98     |
| 22) Diisopropyl ether         | 3.82 | 45   | 738973   | 17.048 | ug/l  | 95     |
| 23) Vinyl Acetate             | 3.78 | 43   | 3204922  | 81.661 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 375260   | 16.442 | ug/l  | 99     |
| 25) 2-Butanone                | 4.63 | 43   | 811864   | 75.131 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.55 | 77   | 338149   | 18.051 | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 228019   | 16.963 | ug/l  | 99     |
| 28) Bromochloromethane        | 4.98 | 49   | 183085   | 16.802 | ug/l  | 94     |
| 29) Tetrahydrofuran           | 5.09 | 42   | 517555   | 74.502 | ug/l  | 99     |
| 30) Chloroform                | 5.17 | 83   | 370798   | 16.887 | ug/l  | 96     |
| 31) Cyclohexane               | 5.55 | 56   | 336491   | 16.996 | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 332855   | 16.750 | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.77 | 75   | 275720   | 18.494 | ug/l  | 97     |
| 37) Ethyl Acetate             | 4.79 | 43   | 318756   | 16.421 | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117  | 297753   | 18.440 | ug/l  | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041520\  
 Data File : VX015676.D  
 Acq On : 15 Apr 2020 12:31  
 Operator : JC/SP  
 Sample : VX0415WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

Quant Time: Apr 16 05:46:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 334956   | 19.486  | ug/l  | 99       |
| 40) Benzene                    | 6.11  | 78   | 803663   | 18.403  | ug/l  | 98       |
| 41) Methacrylonitrile          | 5.00  | 41   | 180458   | 16.747  | ug/l  | 96       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 315284   | 17.973  | ug/l  | 98       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 546437   | 16.675  | ug/l  | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 229489   | 19.268  | ug/l  | 95       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 218770   | 18.312  | ug/l  | 98       |
| 46) Dibromomethane             | 7.64  | 93   | 140567   | 17.937  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.87  | 83   | 297598   | 17.822  | ug/l  | 100      |
| 48) Methyl methacrylate        | 7.75  | 41   | 273139   | 16.688  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 99731    | 326.622 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1610148  | 86.703  | ug/l  | 100      |
| 52) Toluene                    | 8.76  | 92   | 523276   | 19.435  | ug/l  | 96       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 341657   | 17.446  | ug/l  | 97       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 355648   | 17.827  | ug/l  | 96       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 211996   | 19.218  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 332212   | 17.089  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 357915   | 18.009  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 789333   | 83.474  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 1198057  | 85.450  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.56  | 129  | 244577   | 18.451  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 214398   | 17.875  | ug/l  | 97       |
| 64) Tetrachloroethene          | 9.32  | 164  | 219650   | 19.772  | ug/l  | 93       |
| 65) Chlorobenzene              | 10.12 | 112  | 560430   | 19.090  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 216481   | 18.458  | ug/l  | 97       |
| 67) Ethyl Benzene              | 10.23 | 91   | 1002657  | 19.257  | ug/l  | 97       |
| 68) m/p-Xylenes                | 10.34 | 106  | 747420   | 38.550  | ug/l  | 97       |
| 69) o-Xylene                   | 10.68 | 106  | 371842   | 19.408  | ug/l  | 100      |
| 70) Styrene                    | 10.70 | 104  | 641316   | 19.023  | ug/l  | 99       |
| 71) Bromoform                  | 10.84 | 173  | 184770   | 17.306  | ug/l  | # 99     |
| 73) Isopropylbenzene           | 11.00 | 105  | 1002335  | 19.288  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 466947   | 16.155  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 307789   | 17.260  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 358186   | 21.961  | ug/l  | 84       |
| 77) Bromobenzene               | 11.24 | 156  | 267624   | 19.307  | ug/l  | 93       |
| 78) n-propylbenzene            | 11.34 | 91   | 1145388  | 19.275  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 675632   | 18.550  | ug/l  | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 855118   | 19.267  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 103702   | 15.256  | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 11.50 | 91   | 800655   | 18.752  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 839348   | 19.361  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 877021   | 19.391  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 982708   | 19.600  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 931925   | 20.022  | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 480886   | 19.379  | ug/l  | 97       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 489527   | 19.367  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 813256   | 19.335  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 155489   | 17.163  | ug/l  | 92       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 471970   | 19.435  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 70820    | 14.071  | ug/l  | 95       |

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Acq On : 15 Apr 2020 12:31  
Operator : JC/SP  
Sample : VX0415WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

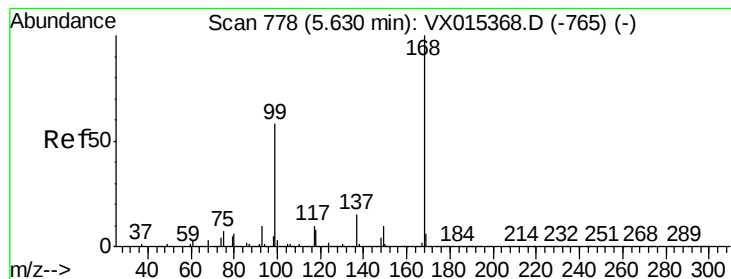
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

Quant Time: Apr 16 05:46:40 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 360009   | 18.741 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 177842   | 19.445 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 1028090  | 17.546 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 359659   | 19.447 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

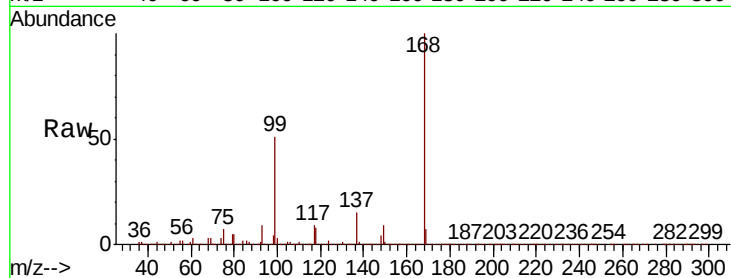
VX0415WBS01

Tot Ion:168 Resp: 1108909

Ion Ratio Lower Upper

168 100

99 50.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

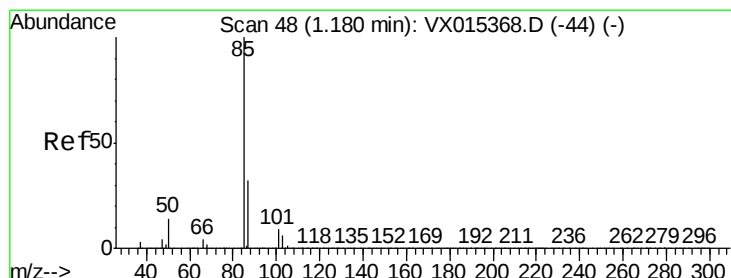
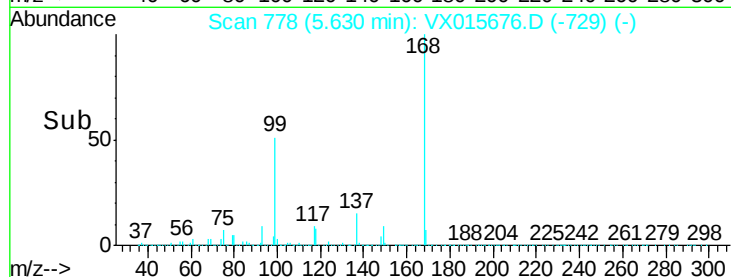
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100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.283 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015676.D

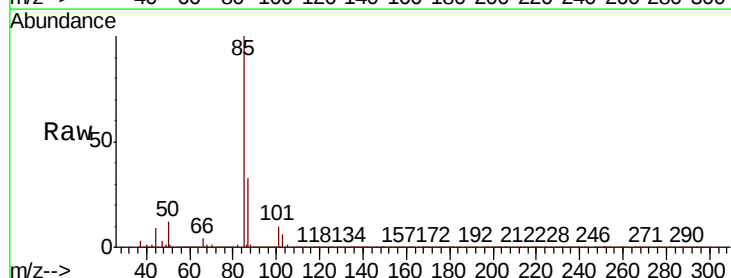
Acq: 15 Apr 2020 12:31

Tgt Ion: 85 Resp: 159078

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

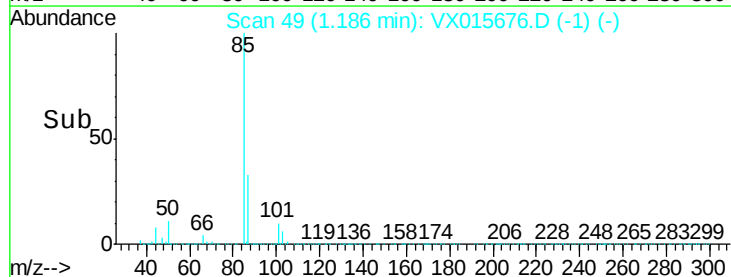
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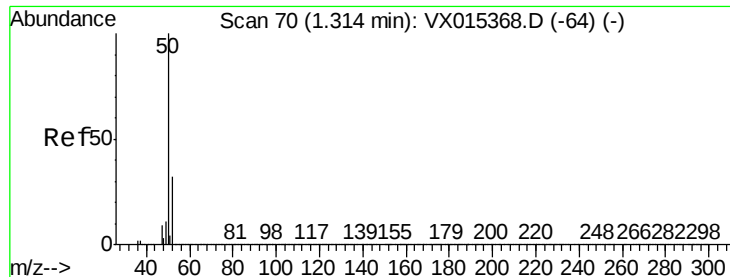
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.400 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

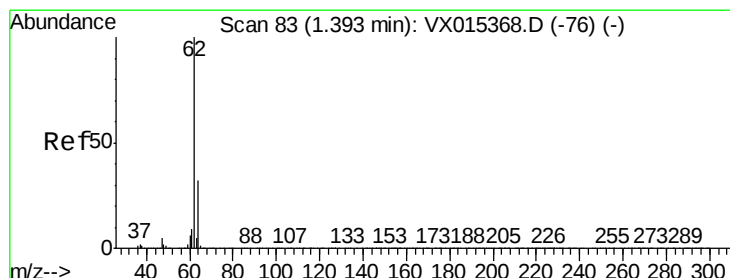
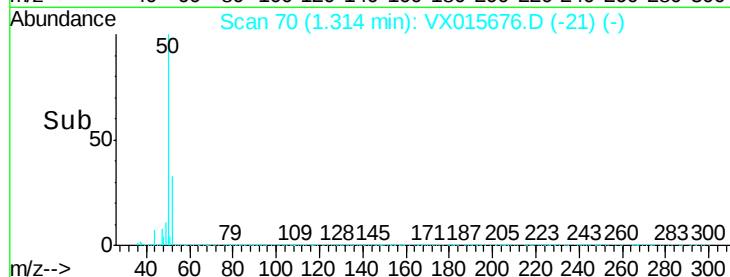
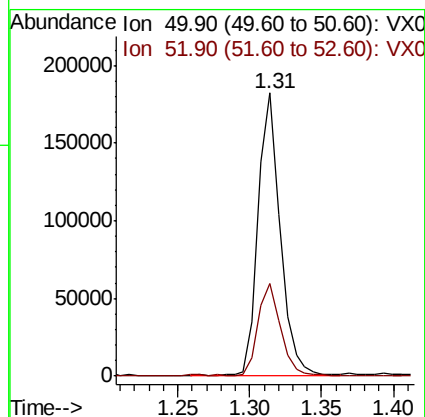
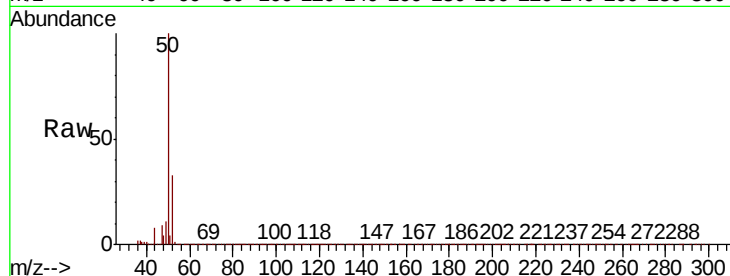
VX0415WBS01

Tot Ion: 50 Resp: 191603

Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



#4

Vinyl Chloride

Concen: 16.944 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015676.D

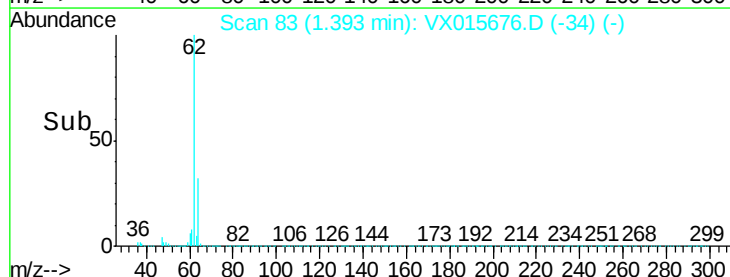
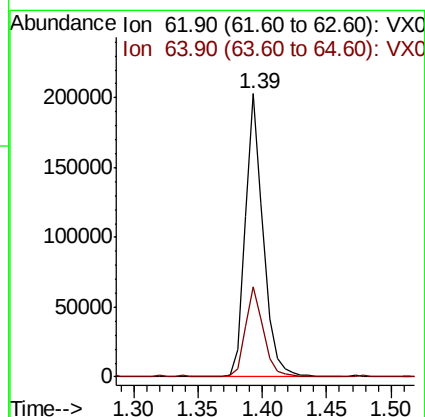
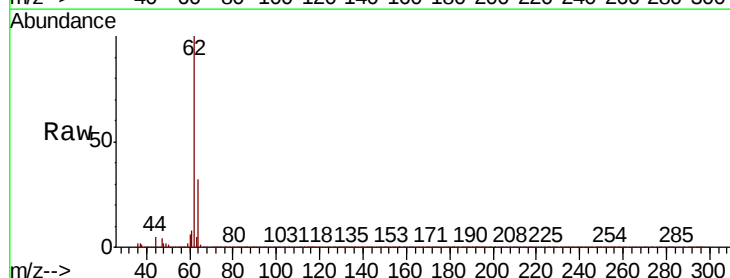
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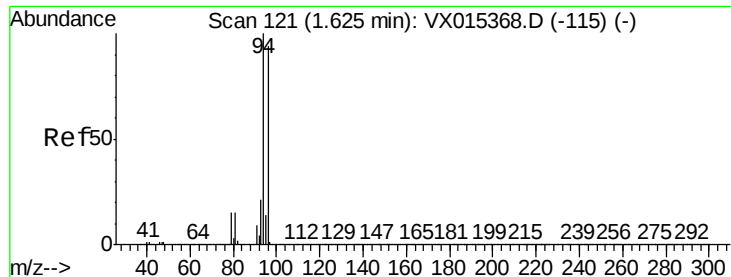
Tgt Ion: 62 Resp: 193566

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 22.266 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampled :

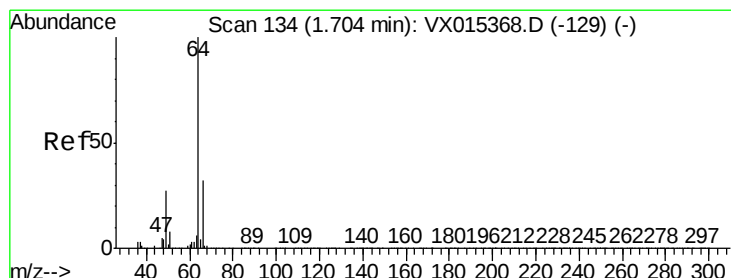
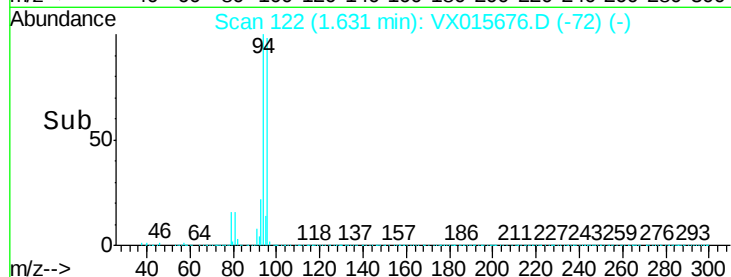
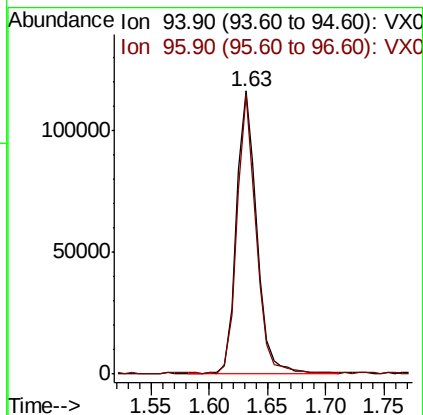
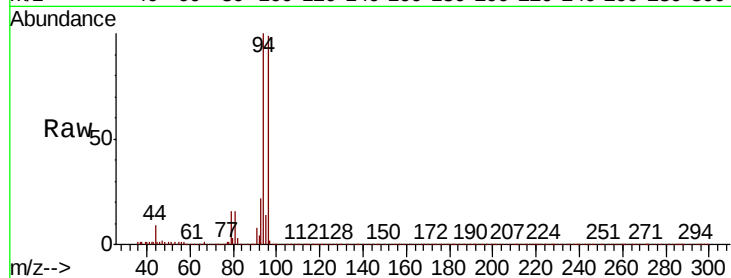
VX0415WBS01

Tot Ion: 94 Resp: 140879

Ion Ratio Lower Upper

94 100

96 98.4 74.8 112.2



#6

Chloroethane

Concen: 17.429 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015676.D

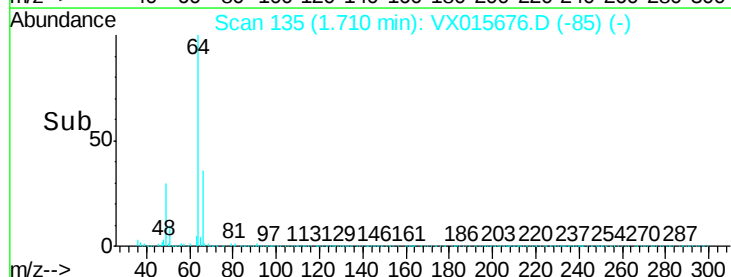
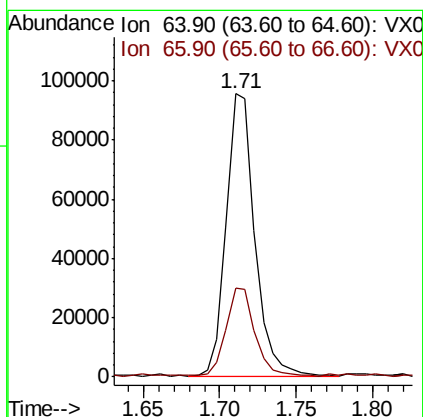
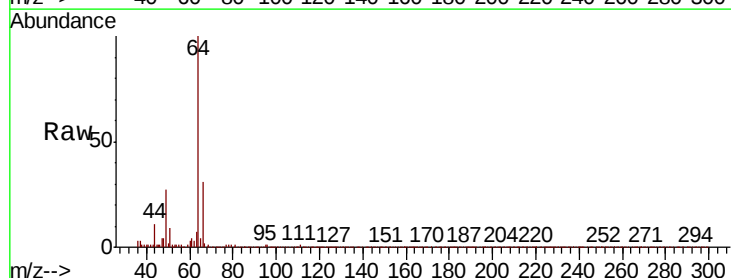
Acq: 15 Apr 2020 12:31

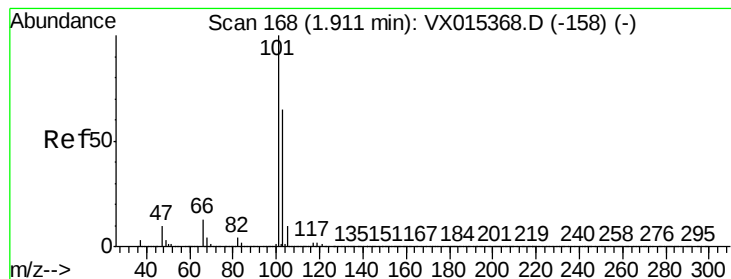
Tgt Ion: 64 Resp: 123492

Ion Ratio Lower Upper

64 100

66 30.8 25.4 38.2



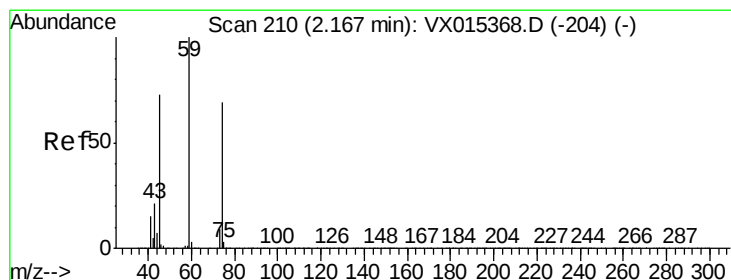
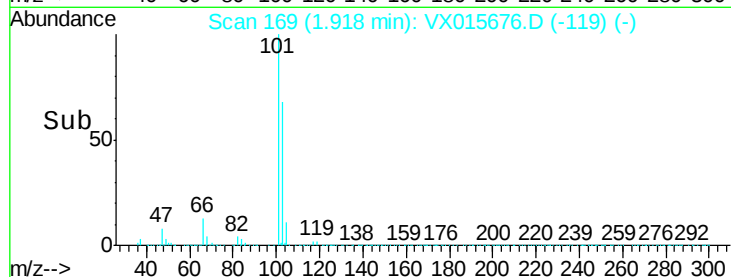
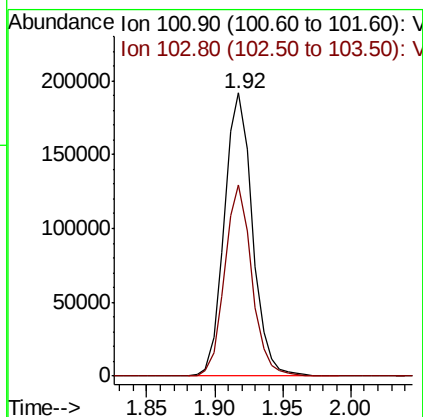
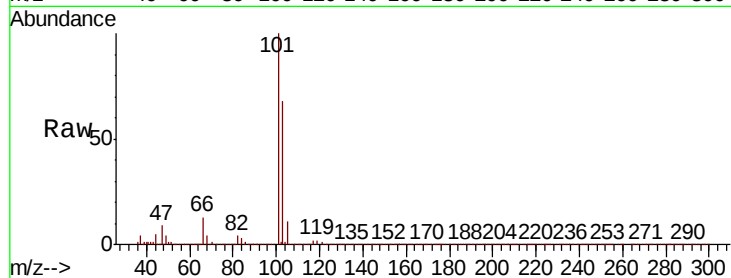


#7

Trichlorofluoromethane  
Concen: 17.915 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

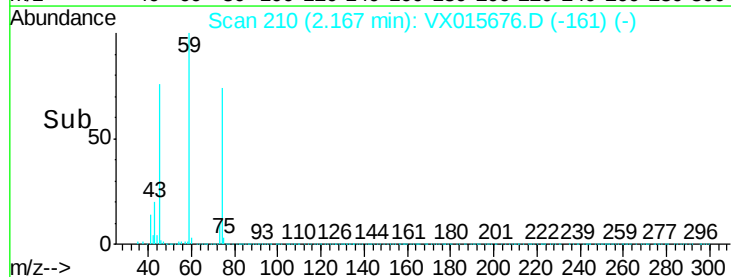
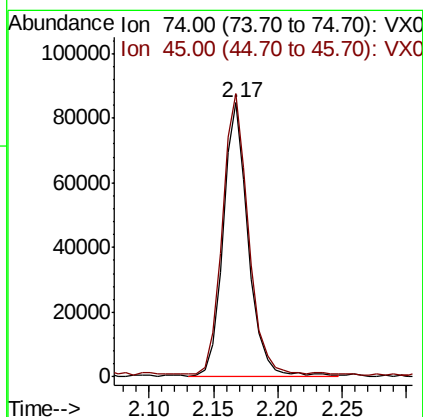
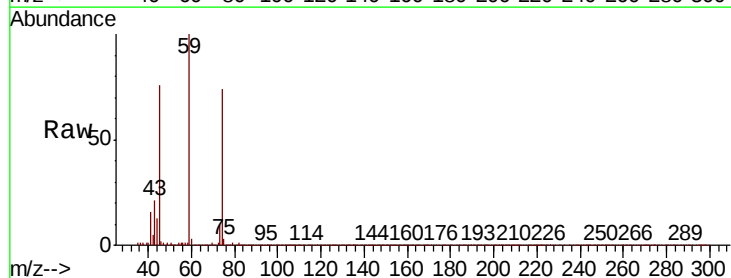
Tot Ion:101 Resp: 274473  
Ion Ratio Lower Upper  
101 100  
103 67.8 52.3 78.5



#8

Diethyl Ether  
Concen: 17.738 ug/l  
RT: 2.17 min Scan# 210  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Tgt Ion: 74 Resp: 114627  
Ion Ratio Lower Upper  
74 100  
45 107.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.469 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampled :

VX0415WBS01

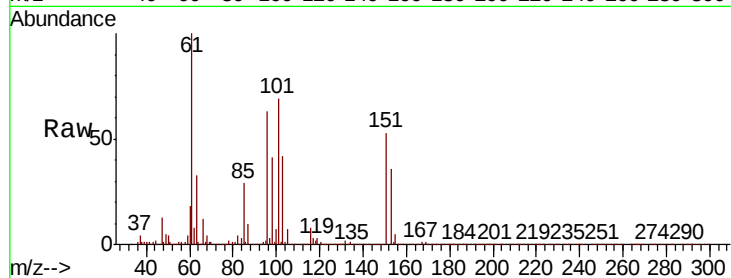
Tot Ion:101 Resp: 184462

Ion Ratio Lower Upper

101 100

85 43.3 35.0 52.4

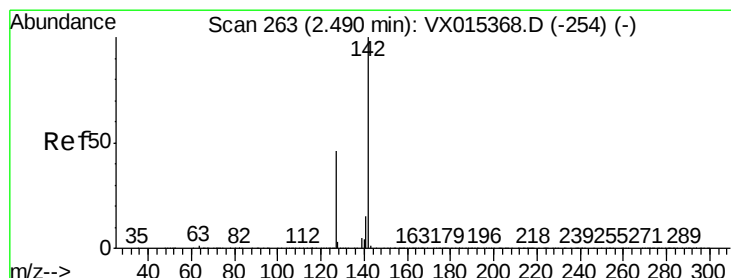
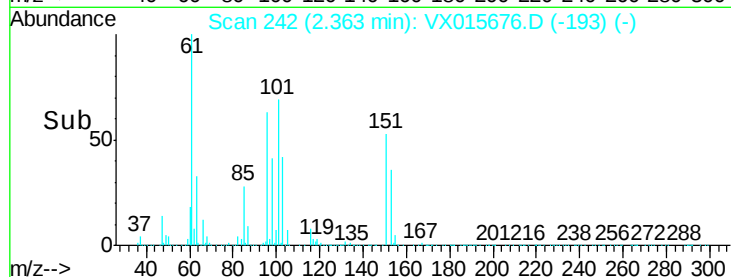
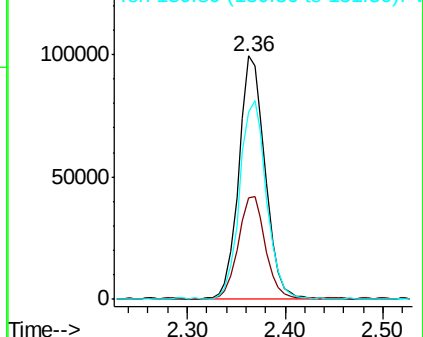
151 82.9 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.555 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

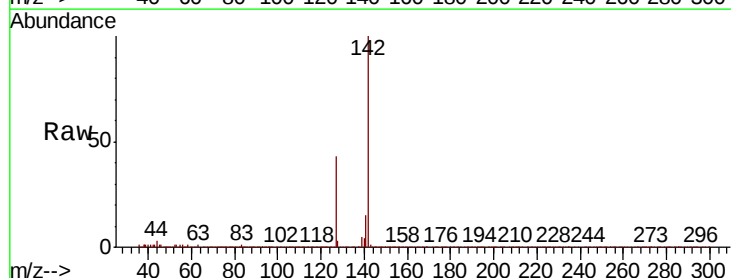
Tgt Ion:142 Resp: 169058

Ion Ratio Lower Upper

142 100

127 44.6 35.9 53.9

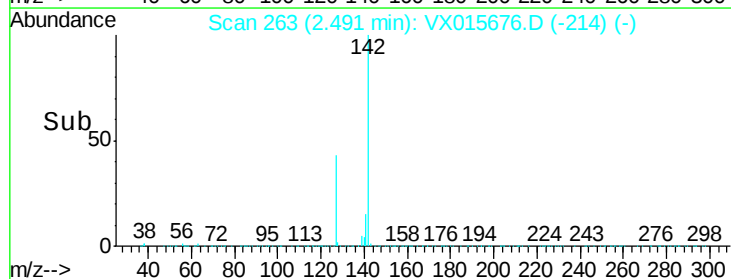
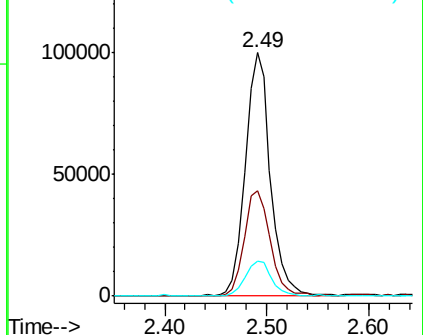
141 15.4 11.6 17.4

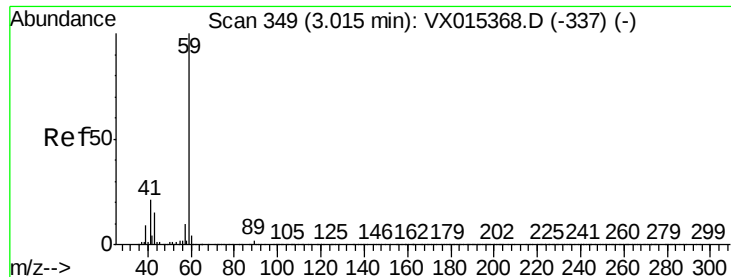


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

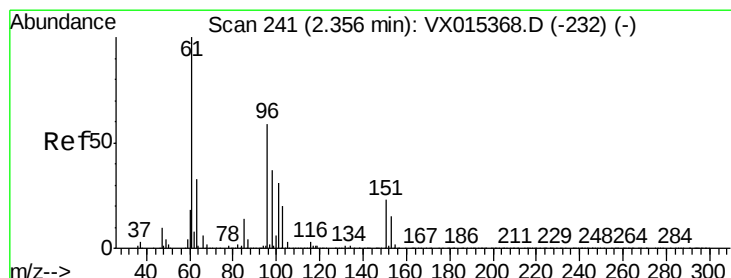
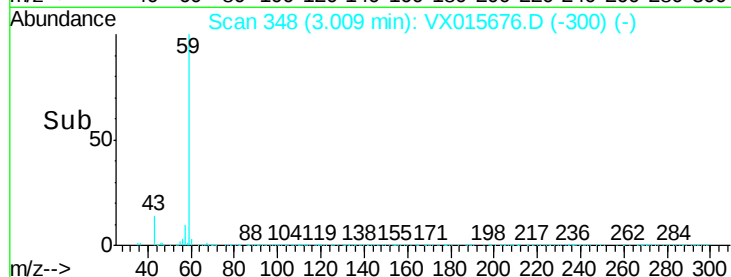
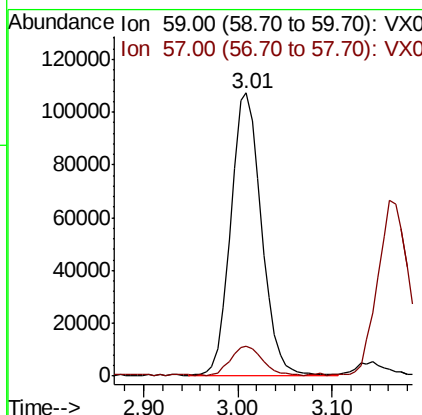
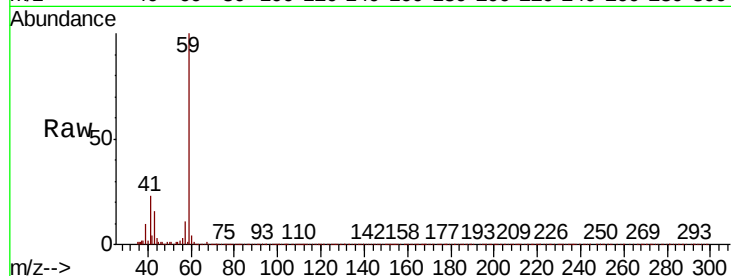




#11  
Tert butyl alcohol  
Concen: 64.581 ug/l  
RT: 3.01 min Scan# 348  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

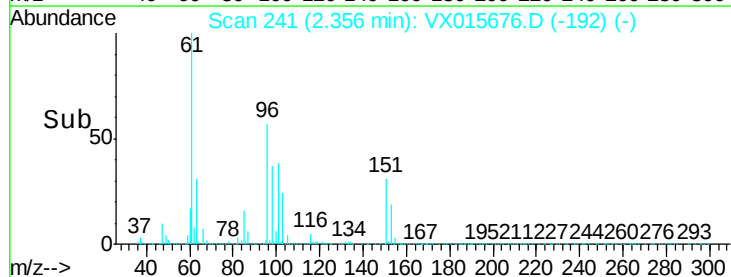
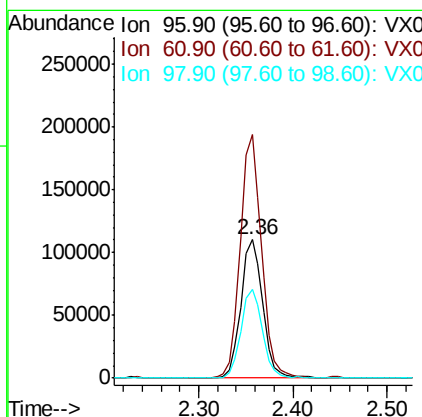
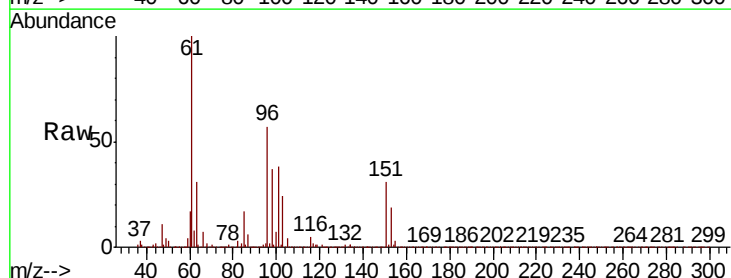
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

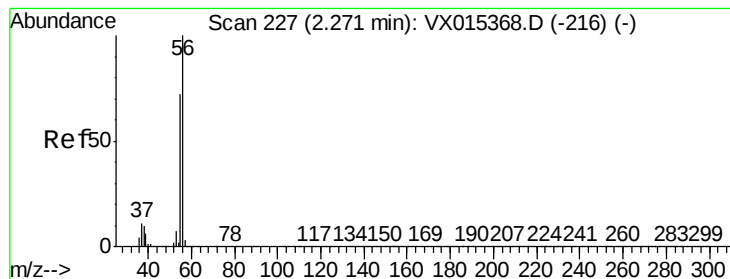
Tot Ion: 59 Resp: 241760  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 16.896 ug/l  
RT: 2.36 min Scan# 241  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Tgt Ion: 96 Resp: 176884  
Ion Ratio Lower Upper  
96 100  
61 176.2 135.7 203.5  
98 64.4 50.6 75.8





#13

Acrolein

Concen: 78.391 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

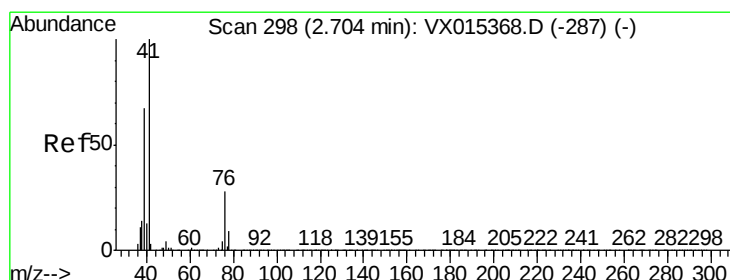
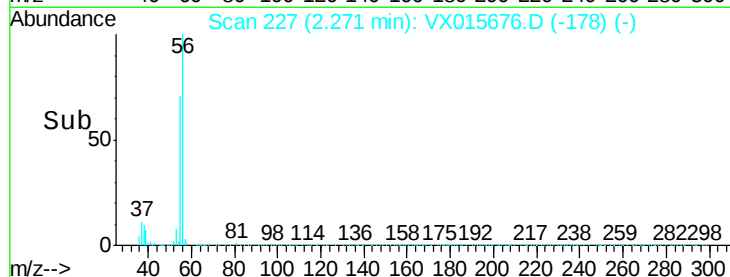
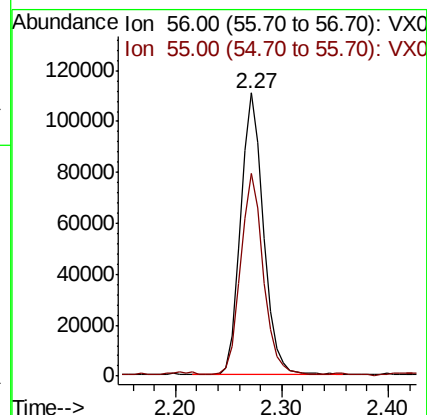
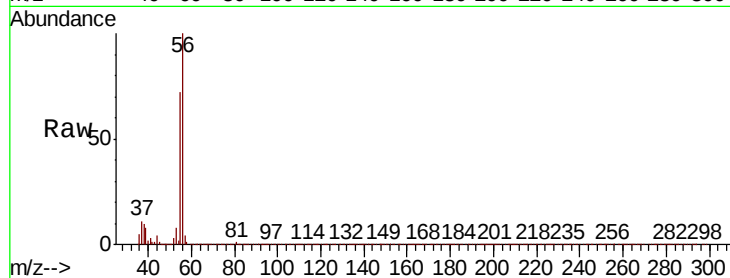
VX0415WBS01

Tot Ion: 56 Resp: 167166

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 15.809 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

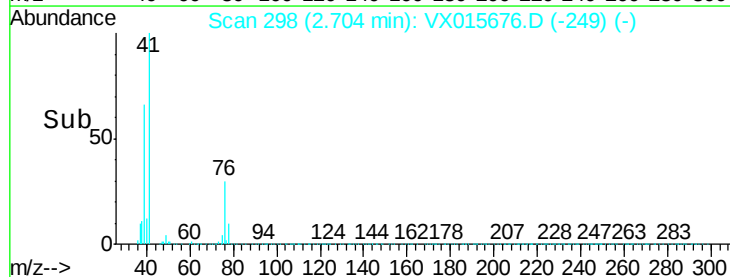
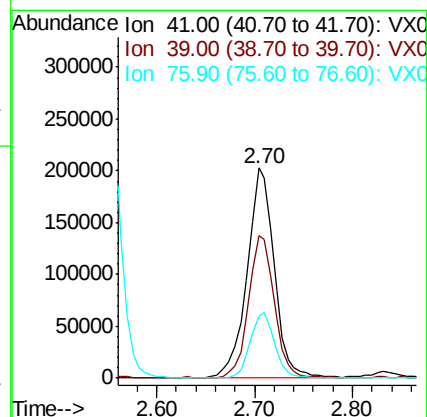
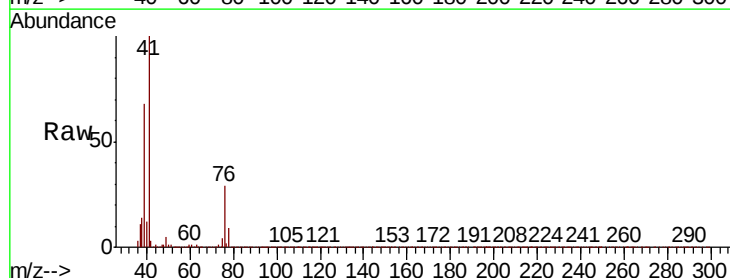
Tgt Ion: 41 Resp: 386723

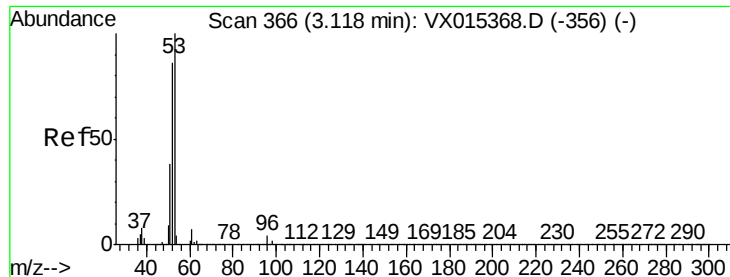
Ion Ratio Lower Upper

41 100

39 64.6 51.4 77.0

76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 77.673 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

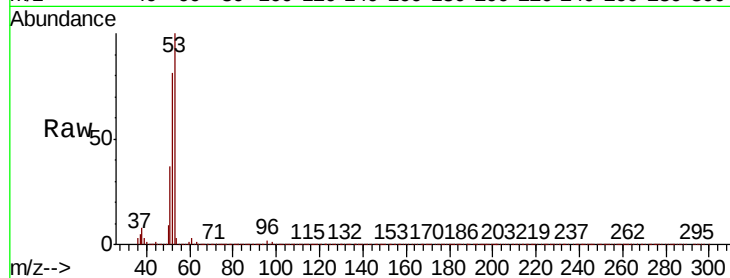
MSVOA\_X

ClientSampleId :

VX0415WBS01

Tot Ion: 53 Resp: 554518

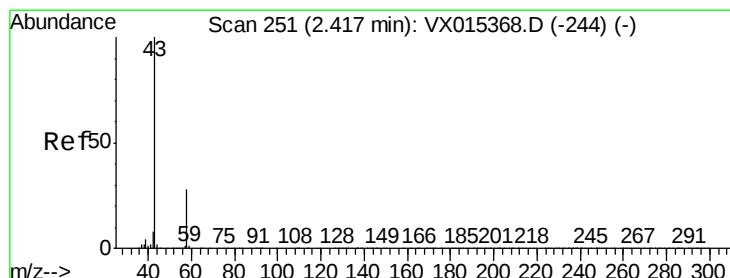
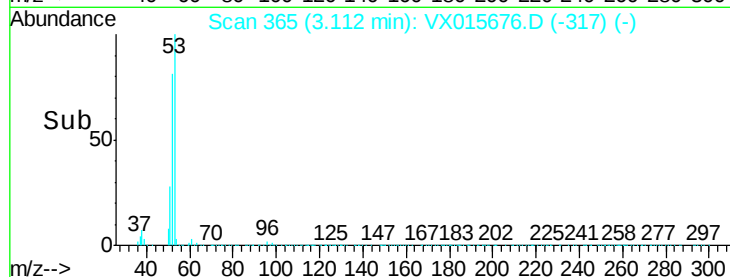
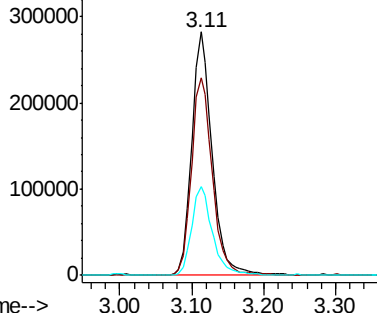
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.2  | 66.8  | 100.2 |
| 51  | 37.2  | 29.5  | 44.3  |



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 78.874 ug/l

RT: 2.42 min Scan# 251

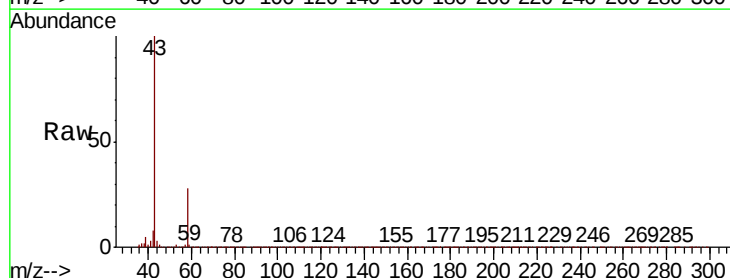
Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

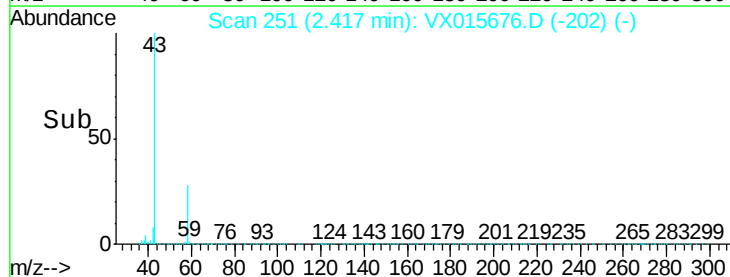
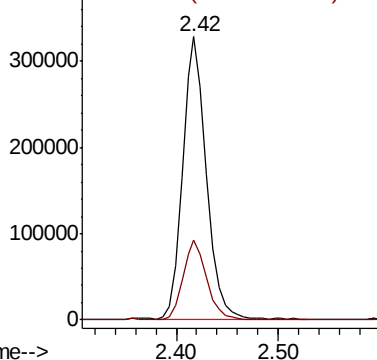
Tgt Ion: 43 Resp: 529974

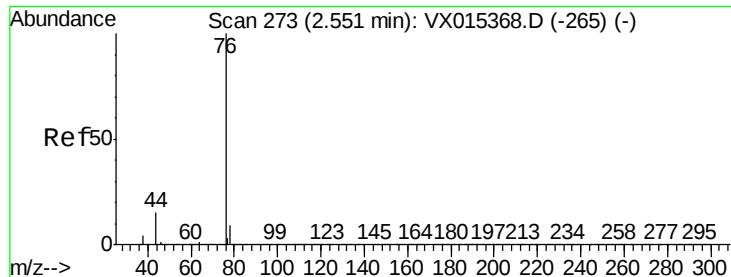
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.1  | 22.1  | 33.1  |



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.663 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

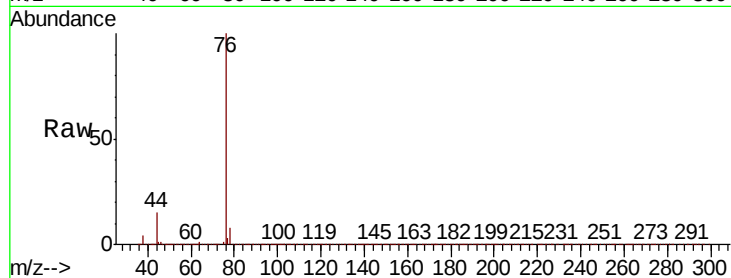
VX0415WBS01

Tot Ion: 76 Resp: 468281

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300000

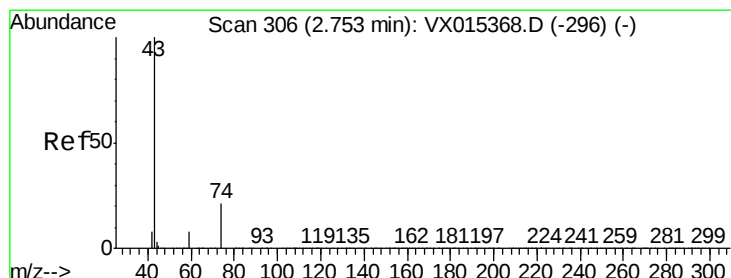
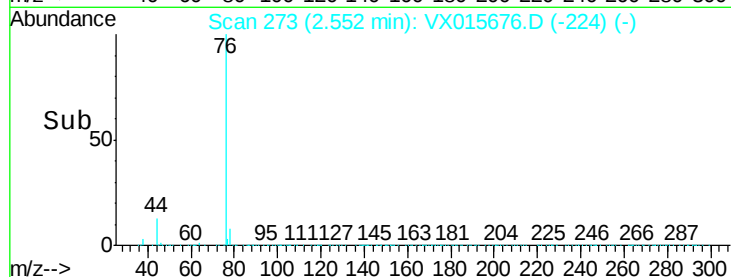
200000

100000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 15.679 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015676.D

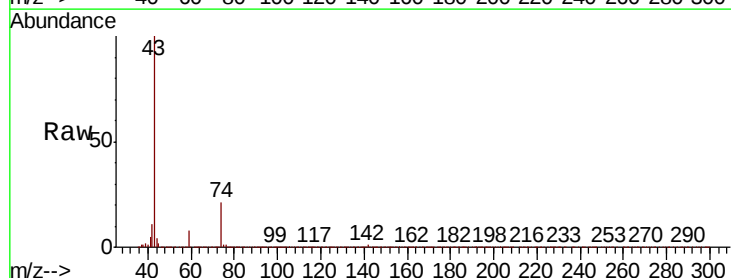
Acq: 15 Apr 2020 12:31

Tgt Ion: 43 Resp: 268888

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

150000

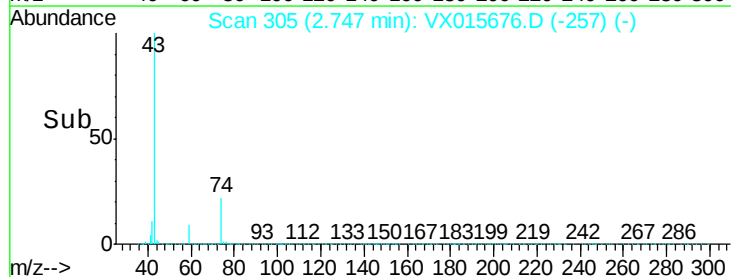
100000

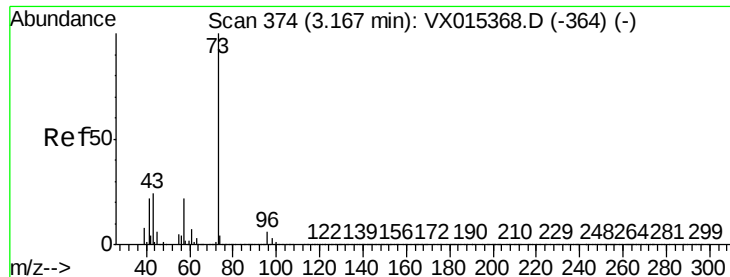
50000

0

2.65 2.70 2.75 2.80 2.85

Time-->



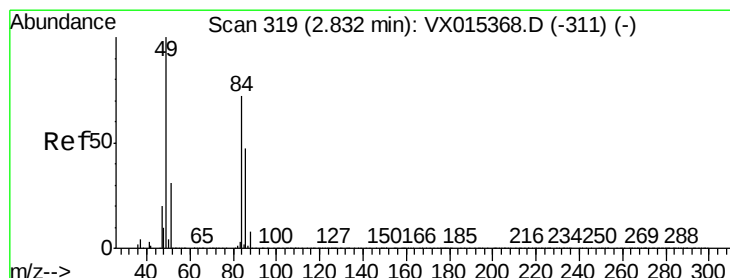
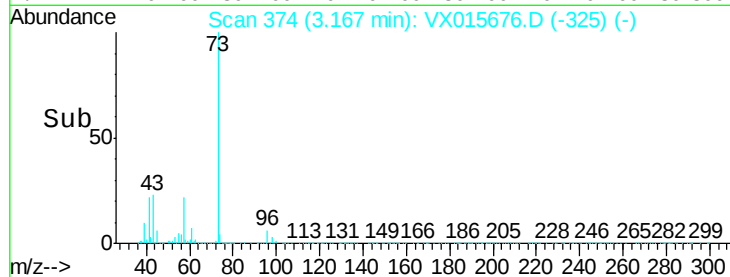
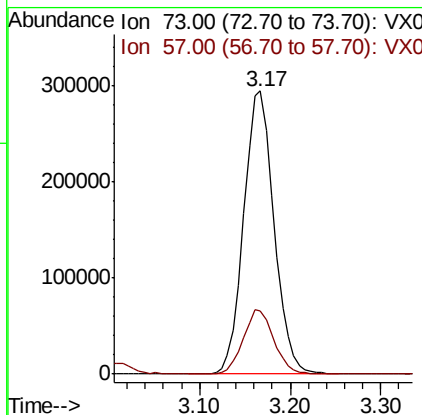
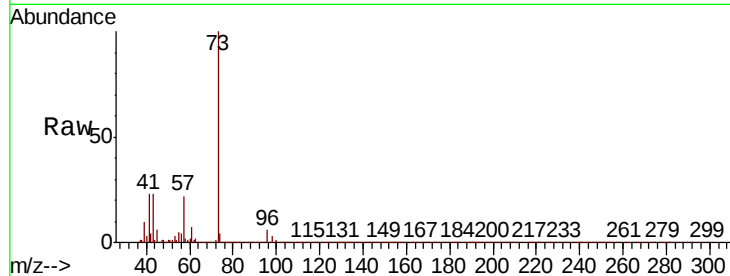


#19

Methyl tert-butyl Ether  
 Concen: 16.760 ug/l  
 RT: 3.17 min Scan# 374  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

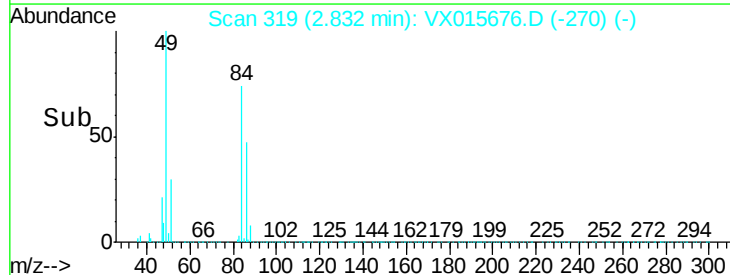
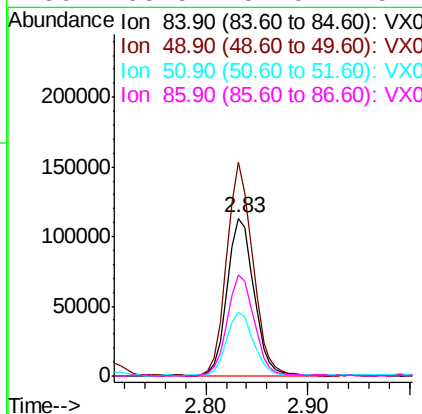
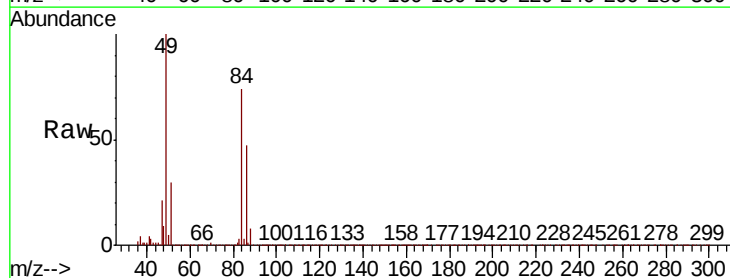
Tot Ion: 73 Resp: 680512  
 Ion Ratio Lower Upper  
 73 100  
 57 22.0 17.9 26.9

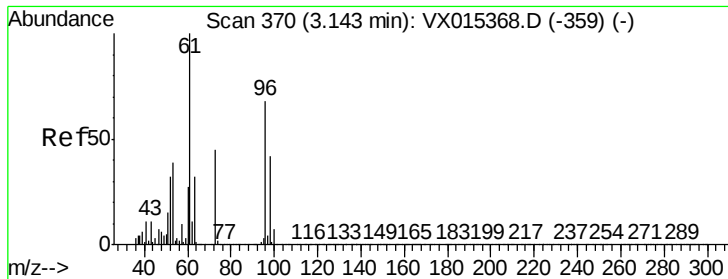


#20

Methylene Chloride  
 Concen: 16.285 ug/l  
 RT: 2.83 min Scan# 319  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

Tgt Ion: 84 Resp: 204392  
 Ion Ratio Lower Upper  
 84 100  
 49 135.0 111.3 166.9  
 51 40.1 34.0 51.0  
 86 63.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.526 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

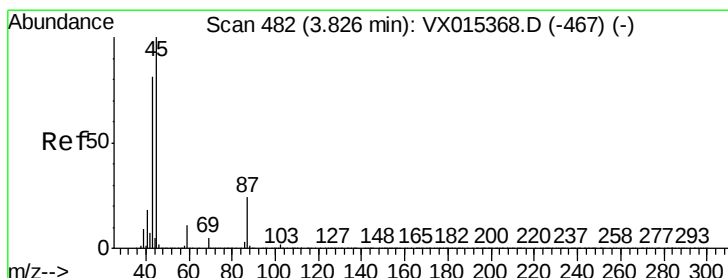
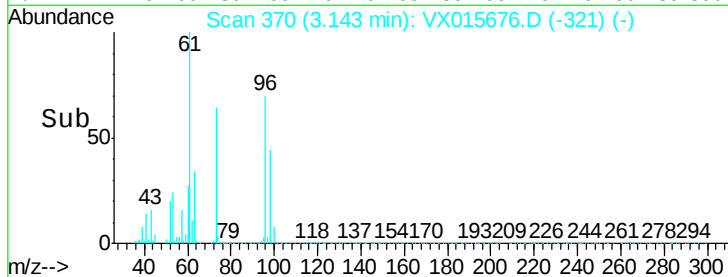
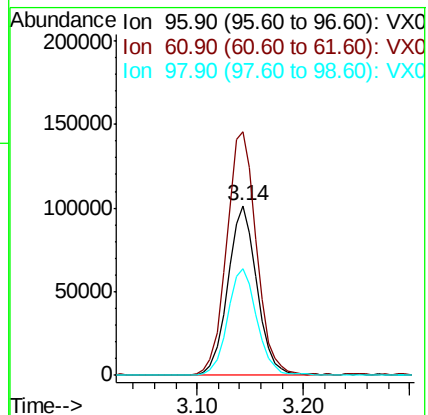
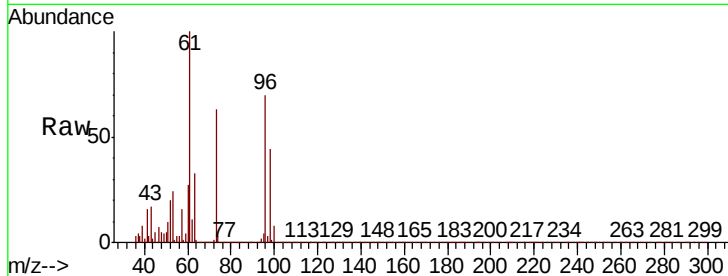
Tot Ion: 96 Resp: 192015

Ion Ratio Lower Upper

96 100

61 143.4 116.9 175.3

98 62.4 48.6 73.0



#22

Diisopropyl ether

Concen: 17.048 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Tgt Ion: 45 Resp: 738973

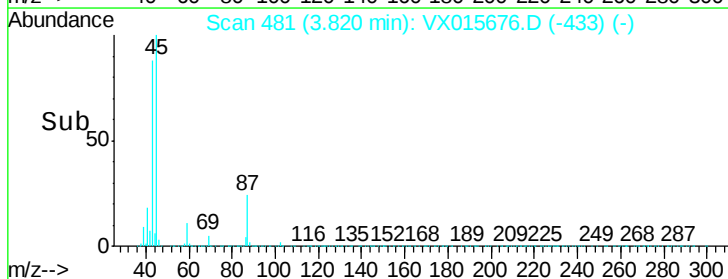
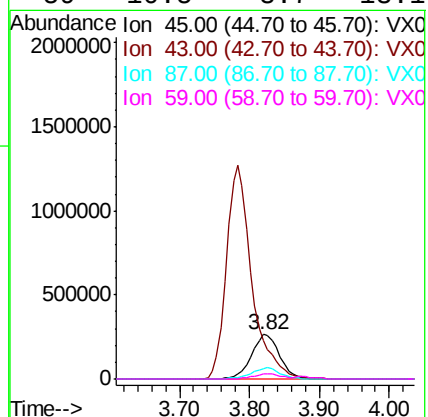
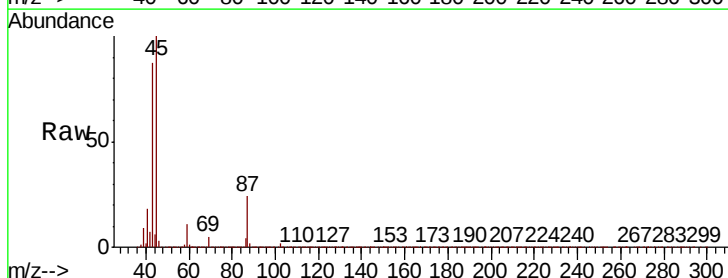
Ion Ratio Lower Upper

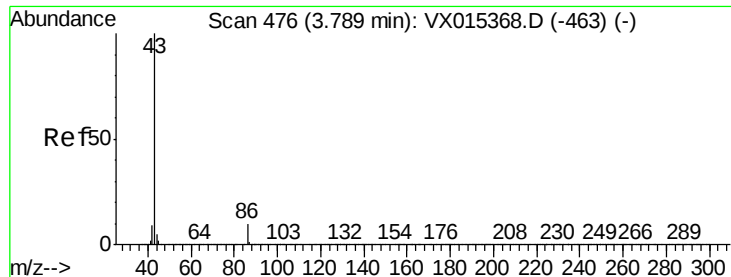
45 100

43 87.0 64.7 97.1

87 23.8 19.4 29.0

59 10.5 8.7 13.1





#23

Vinyl Acetate

Concen: 81.661 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampled :

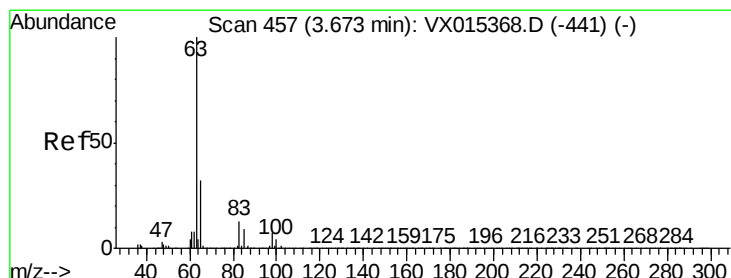
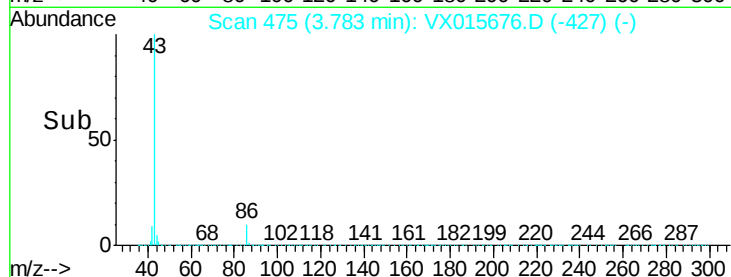
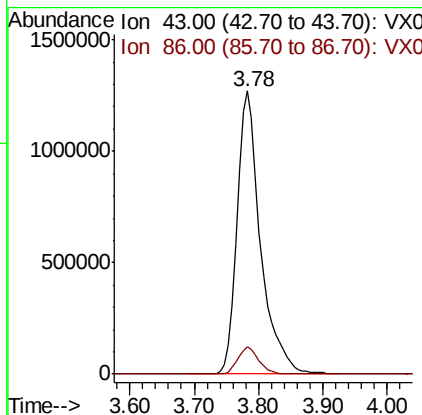
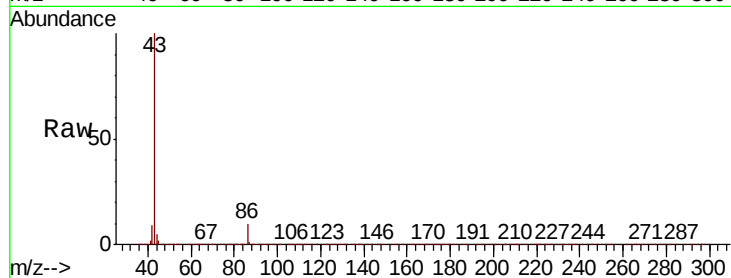
VX0415WBS01

Tot Ion: 43 Resp: 3204922

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.6



#24

1,1-Dichloroethane

Concen: 16.442 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

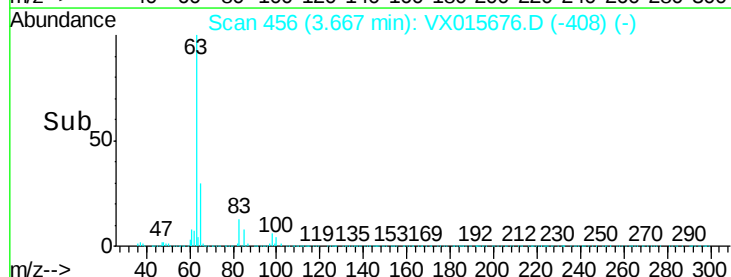
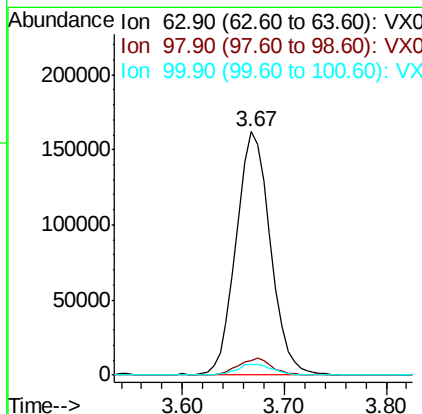
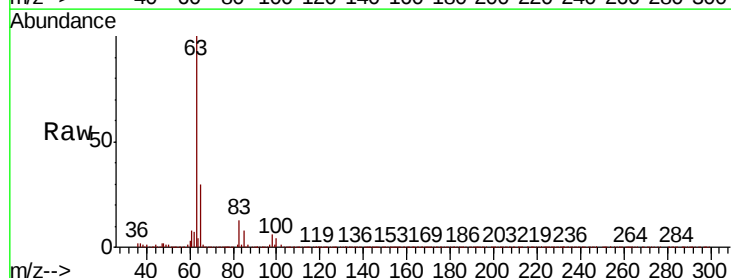
Tgt Ion: 63 Resp: 375260

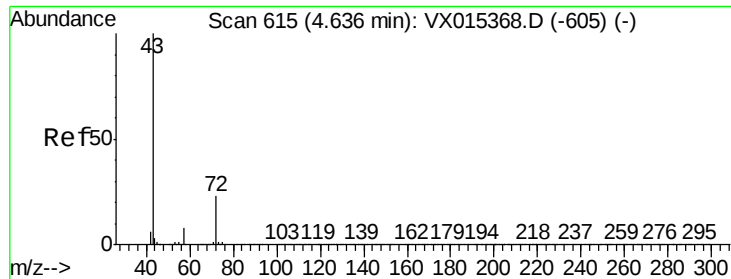
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 4.1 2.1 6.5

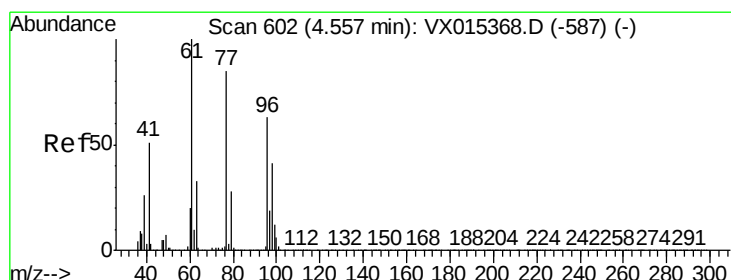
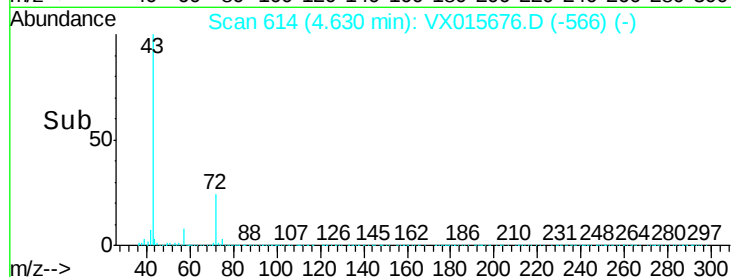
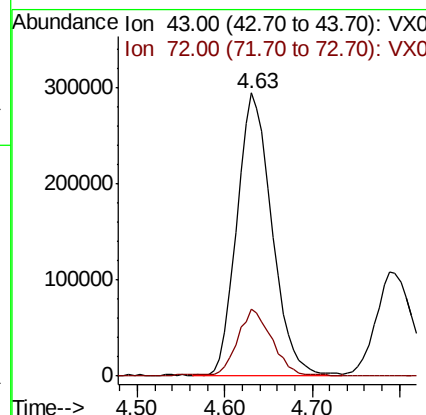
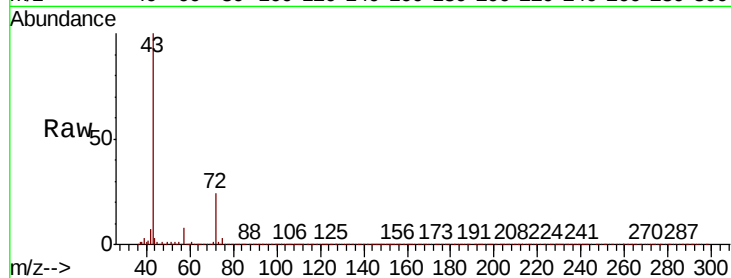




#25  
2-Butanone  
Concen: 75.131 ug/l  
RT: 4.63 min Scan# 614  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

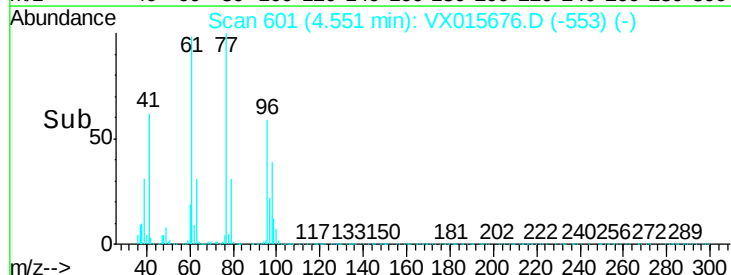
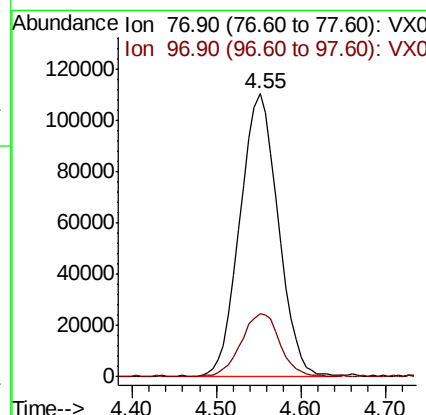
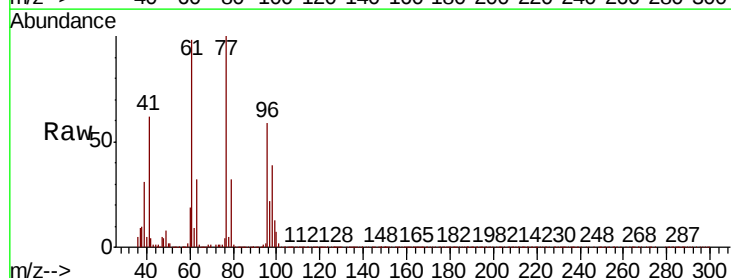
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

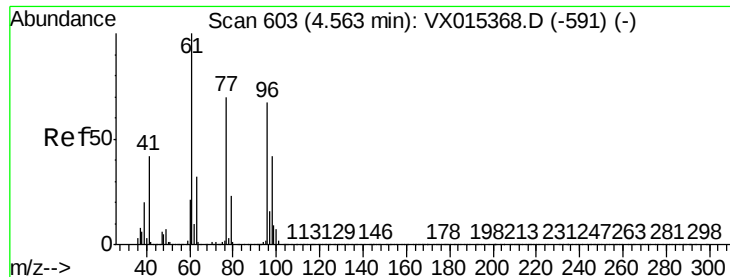
Tot Ion: 43 Resp: 811864  
Ion Ratio Lower Upper  
43 100  
72 23.5 19.0 28.4



#26  
2,2-Dichloropropane  
Concen: 18.051 ug/l  
RT: 4.55 min Scan# 601  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Tgt Ion: 77 Resp: 338149  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.3 33.8



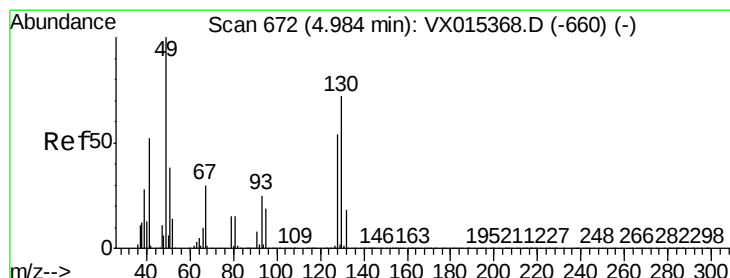
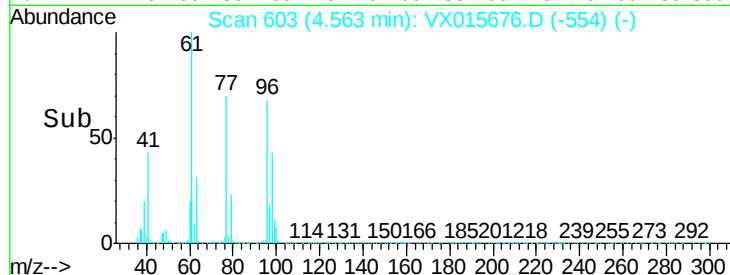
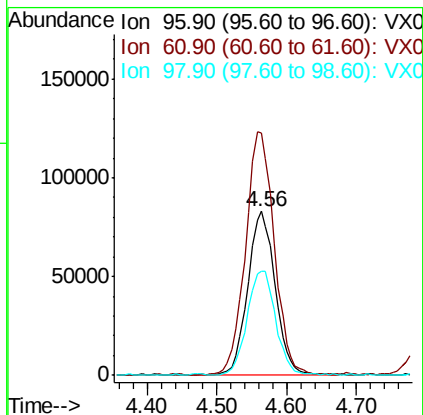
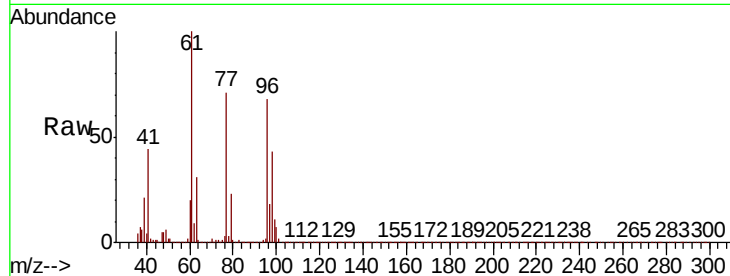


#27

cis-1,2-Dichloroethene  
Concen: 16.963 ug/l  
RT: 4.56 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

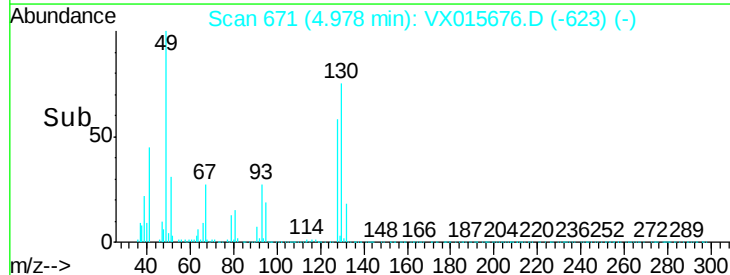
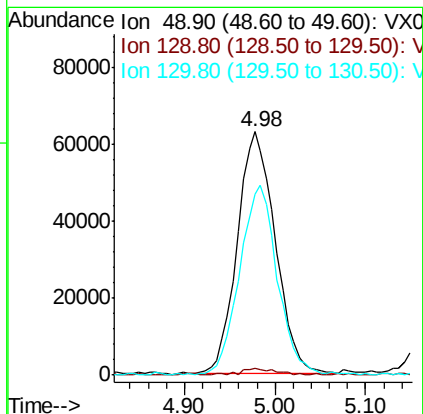
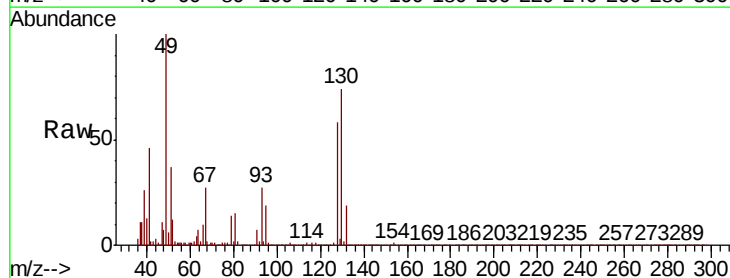
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 153.7 | 0.0   | 308.4 |
| 98      | 65.4  | 0.0   | 129.2 |

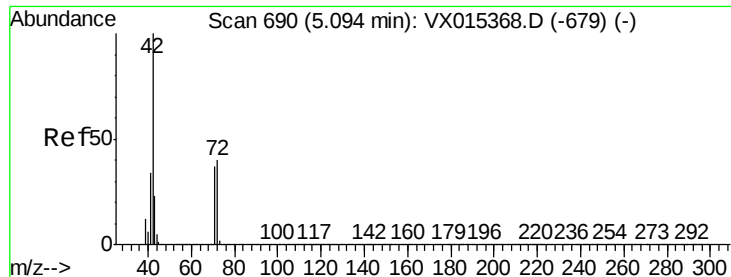


#28

Bromochloromethane  
Concen: 16.802 ug/l  
RT: 4.98 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 4.4   |
| 130     | 77.6  | 57.7  | 86.5  |





#29

Tetrahydrofuran

Concen: 74.502 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

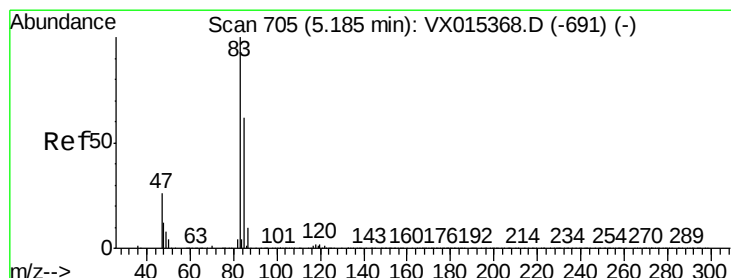
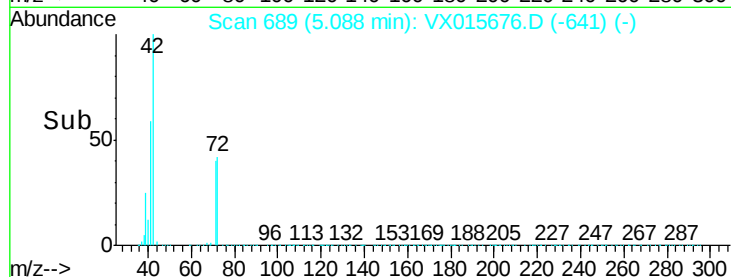
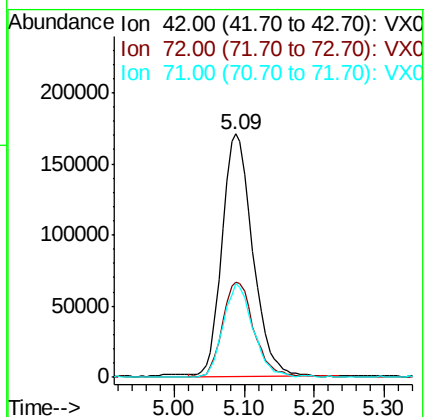
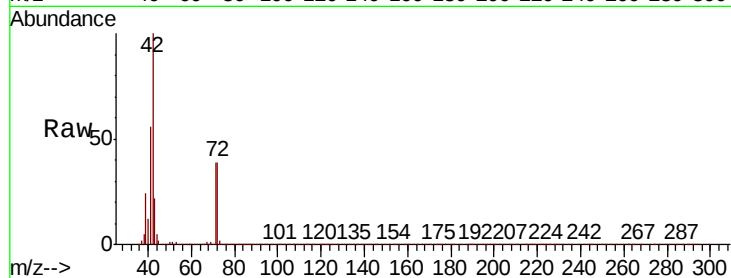
Tot Ion: 42 Resp: 517555

Ion Ratio Lower Upper

42 100

72 40.3 31.7 47.5

71 37.4 29.6 44.4



#30

Chloroform

Concen: 16.887 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015676.D

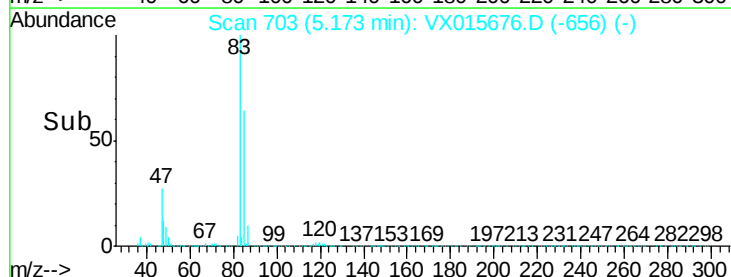
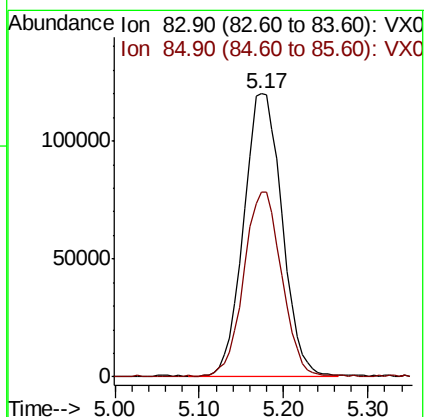
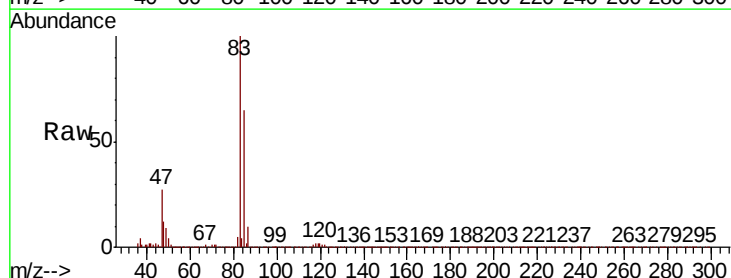
Acq: 15 Apr 2020 12:31

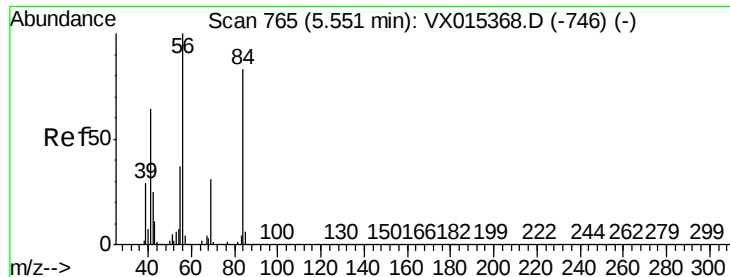
Tgt Ion: 83 Resp: 370798

Ion Ratio Lower Upper

83 100

85 65.0 49.5 74.3

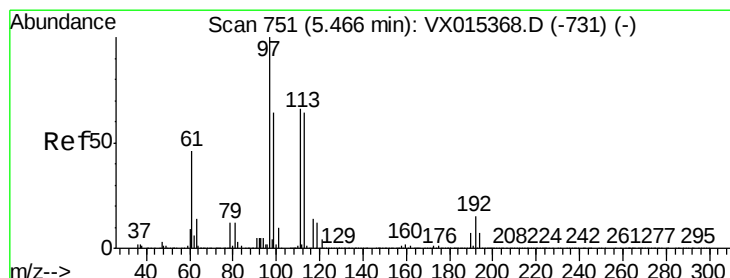
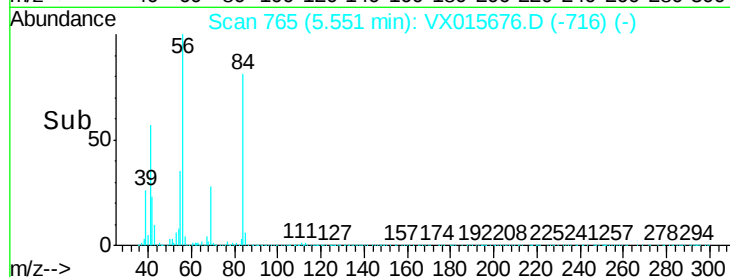
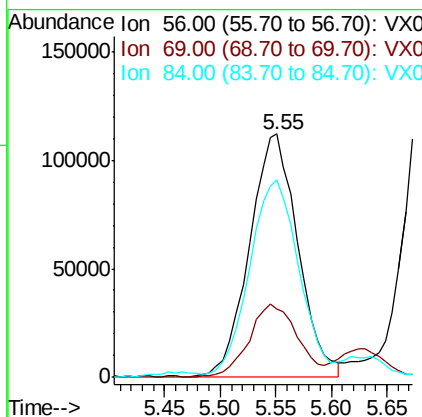
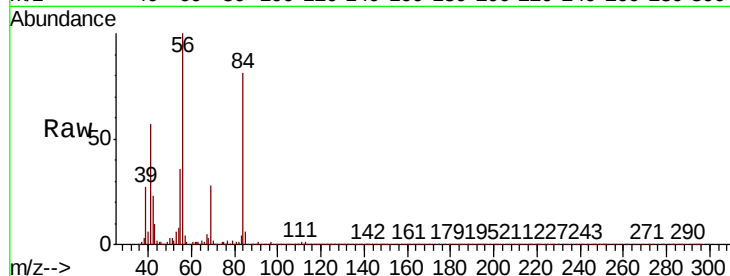




#31  
Cyclohexane  
Concen: 16.996 ug/l  
RT: 5.55 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

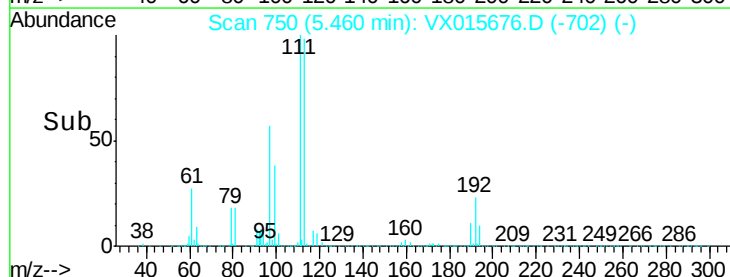
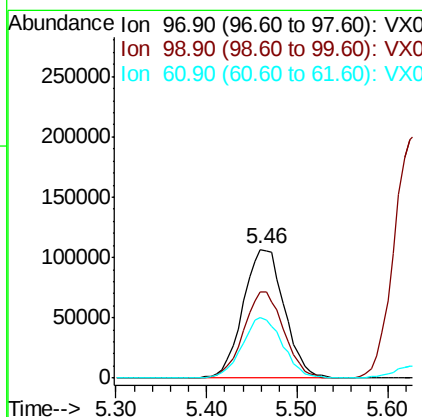
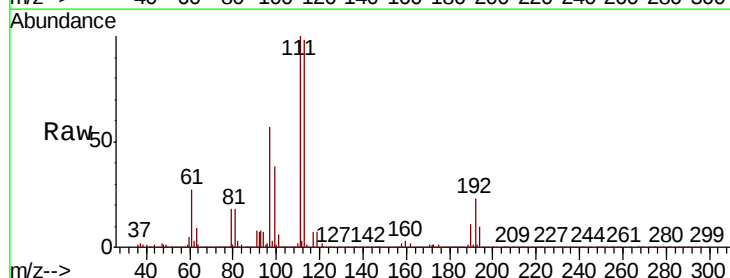
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0415WBS01

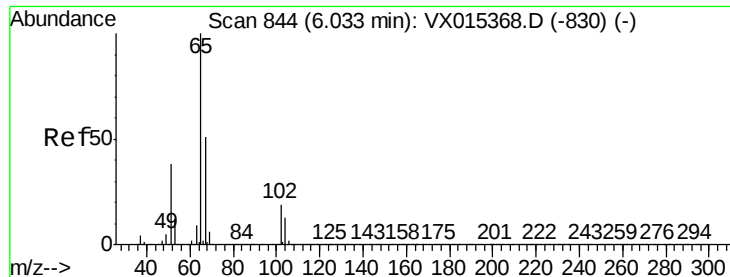
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 27.5  | 24.6  | 36.8  |
| 84      | 79.8  | 66.1  | 99.1  |



#32  
1,1,1-Trichloroethane  
Concen: 16.750 ug/l  
RT: 5.46 min Scan# 750  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.5  | 51.0  | 76.4  |
| 61      | 45.7  | 36.1  | 54.1  |





#33

1,2-Dichloroethane-d4

Concen: 45.132 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

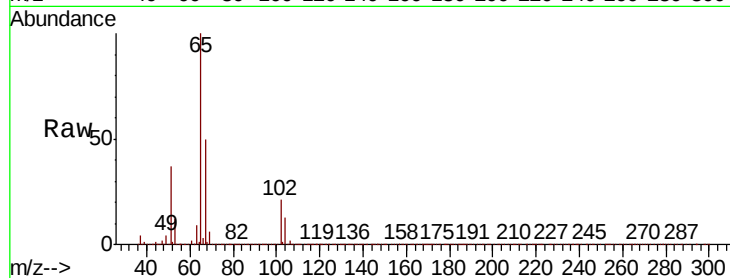
VX0415WBS01

Tot Ion: 65 Resp: 705856

Ion Ratio Lower Upper

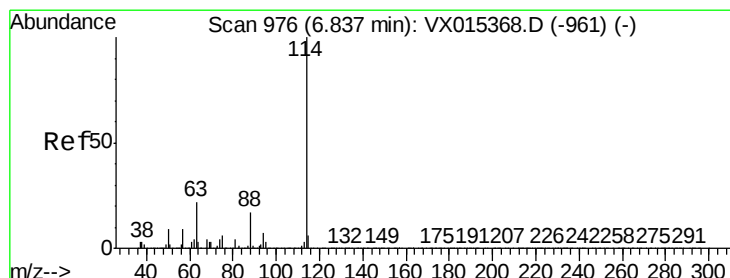
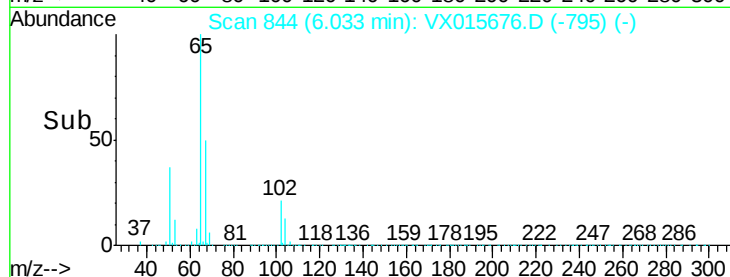
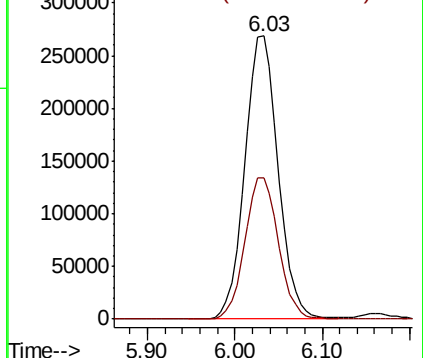
65 100

67 50.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

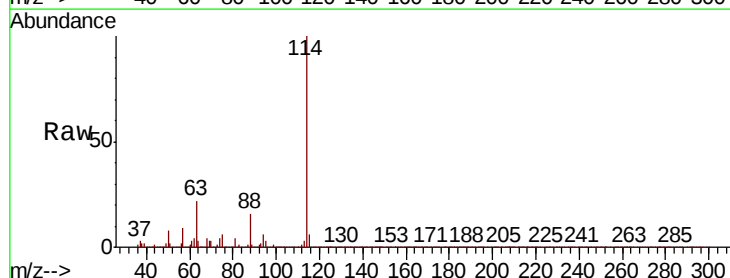
Tgt Ion: 114 Resp: 1618033

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

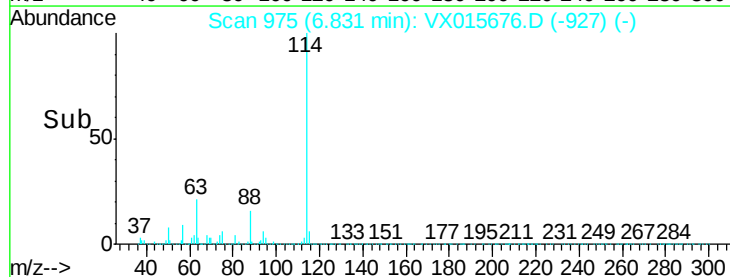
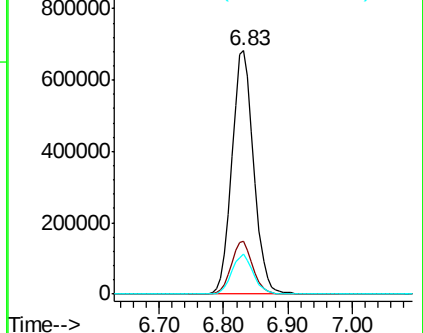
88 16.3 0.0 33.8



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

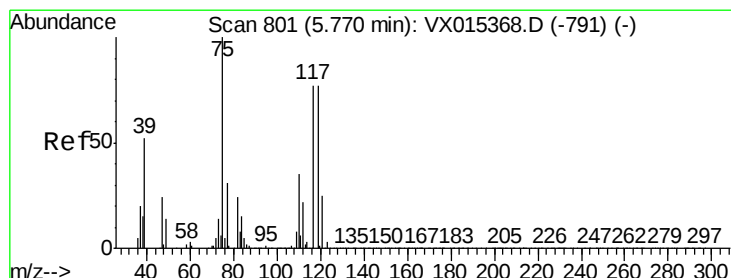
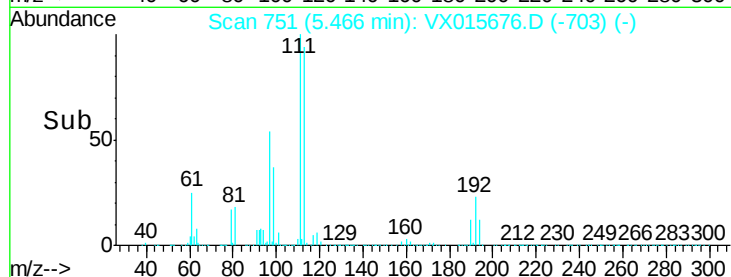
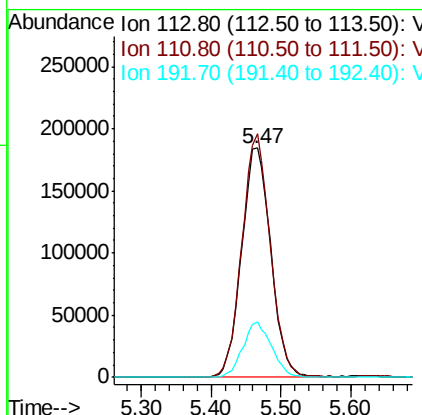
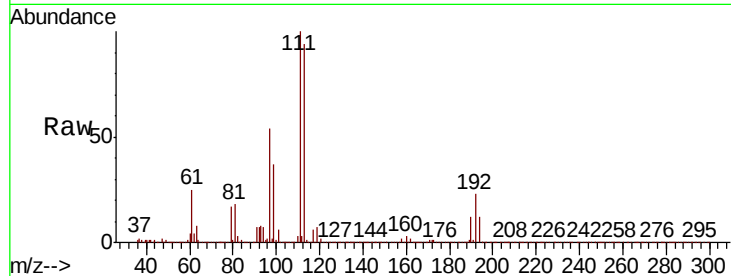




#35  
 Dibromofluoromethane  
 Concen: 51.631 ug/l  
 RT: 5.47 min Scan# 751  
 Delta R.T. -0.01 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

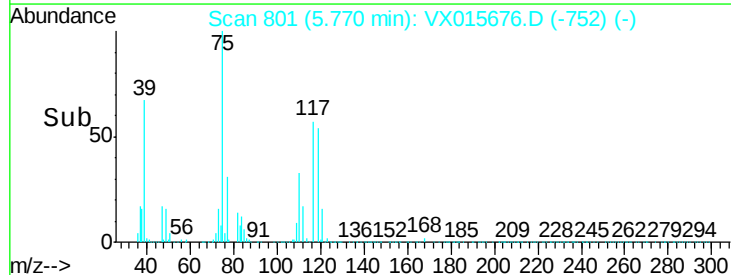
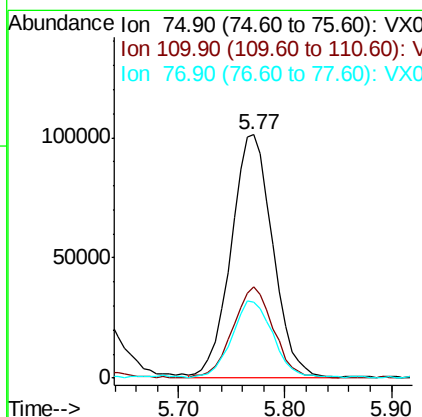
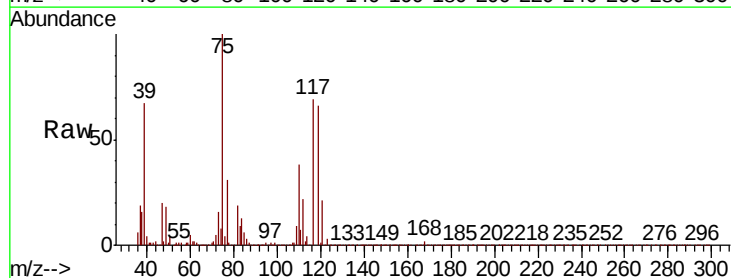
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.3 | 81.5  | 122.3 |
| 192     | 23.7  | 17.8  | 26.6  |



#36  
 1,1-Dichloropropene  
 Concen: 18.494 ug/l  
 RT: 5.77 min Scan# 801  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.2  | 17.1  | 51.3  |
| 77      | 30.8  | 24.6  | 36.8  |

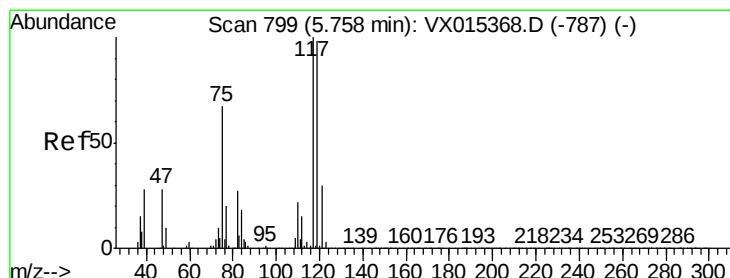
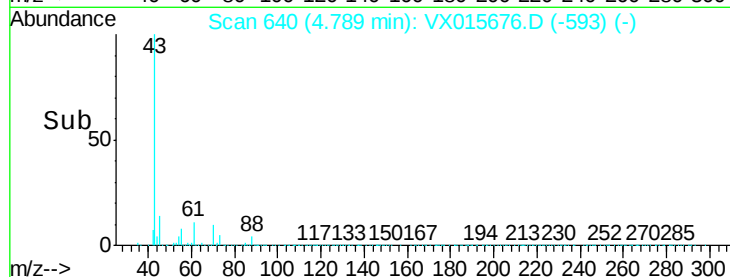
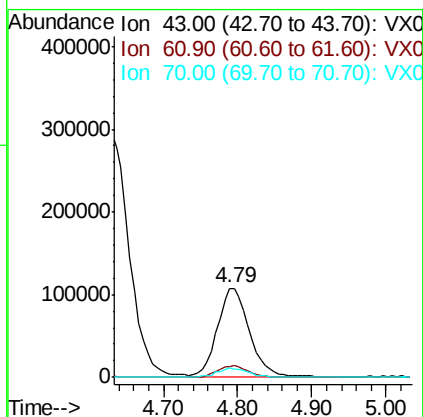
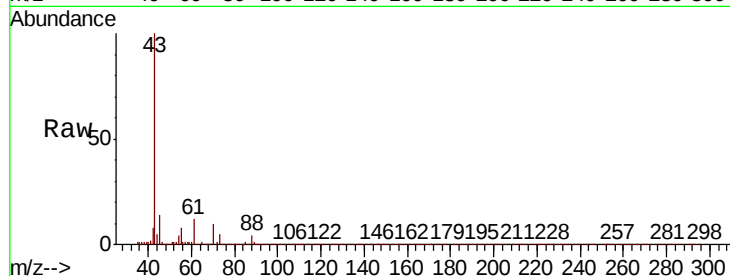




#37  
Ethyl Acetate  
Concen: 16.421 ug/l  
RT: 4.79 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

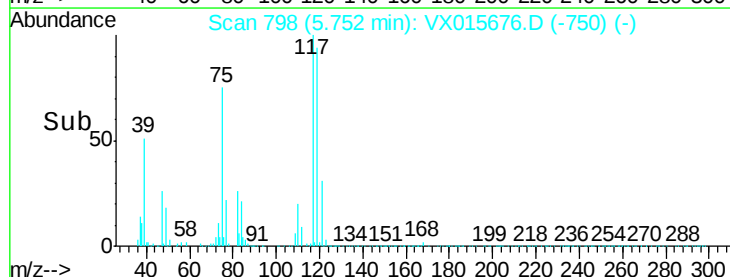
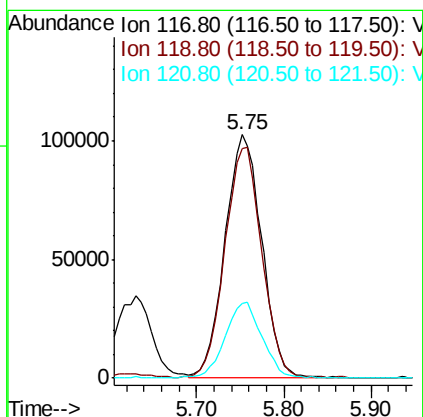
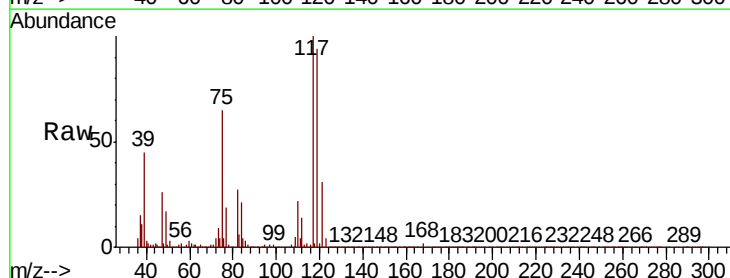
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

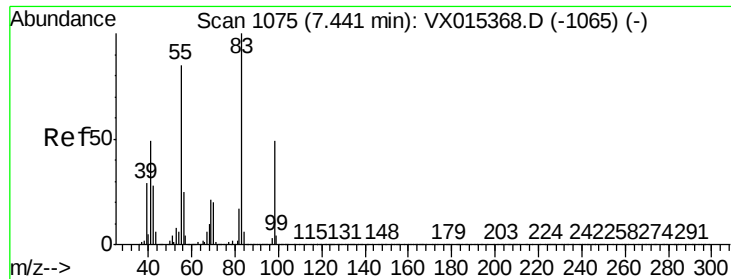
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 318756 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 12.3  | 9.9   | 14.9   |
| 70       | 10.5  | 8.1   | 12.1   |



#38  
Carbon Tetrachloride  
Concen: 18.440 ug/l  
RT: 5.75 min Scan# 798  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 297753 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.6  | 78.0  | 117.0  |
| 121      | 30.6  | 23.8  | 35.8   |

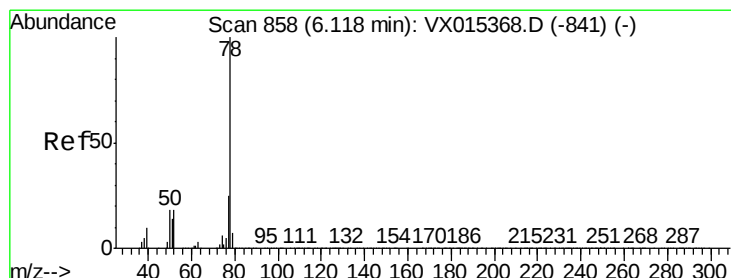
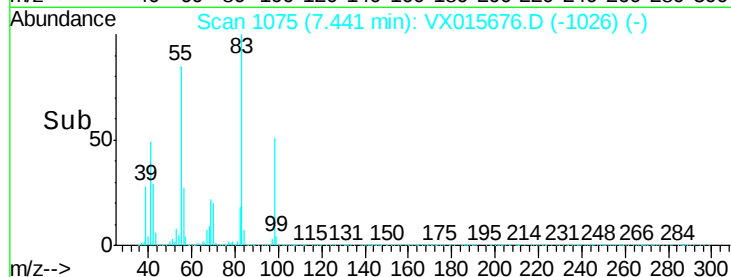
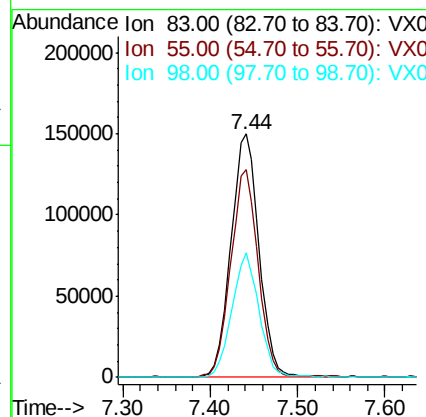
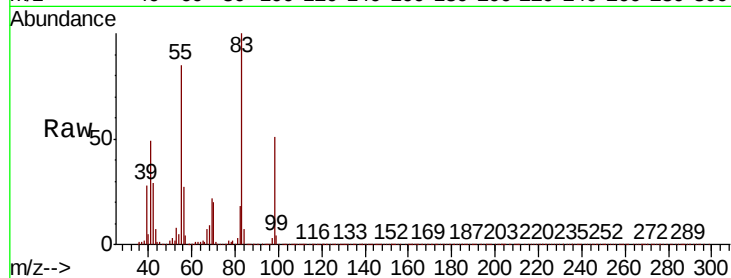




#39  
Methvlcvclohexane  
Concen: 19.486 ug/l  
RT: 7.44 min Scan# 1075  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

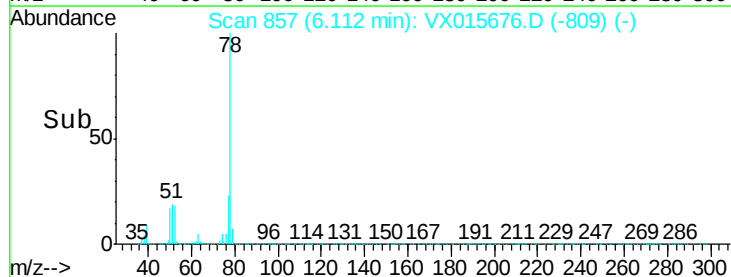
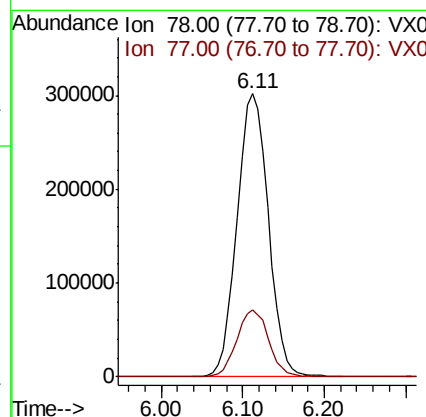
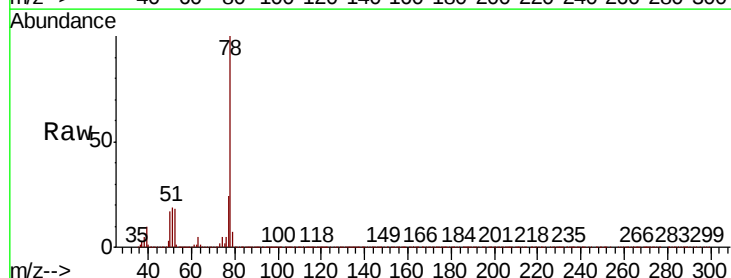
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

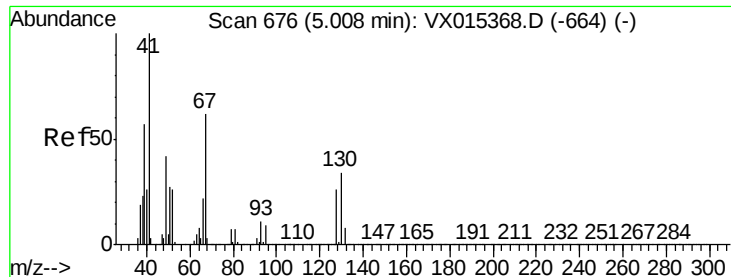
Tot Ion: 83 Resp: 334956  
Ion Ratio Lower Upper  
83 100  
55 85.2 67.8 101.6  
98 51.2 39.3 58.9



#40  
Benzene  
Concen: 18.403 ug/l  
RT: 6.11 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Tgt Ion: 78 Resp: 803663  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.8 29.8

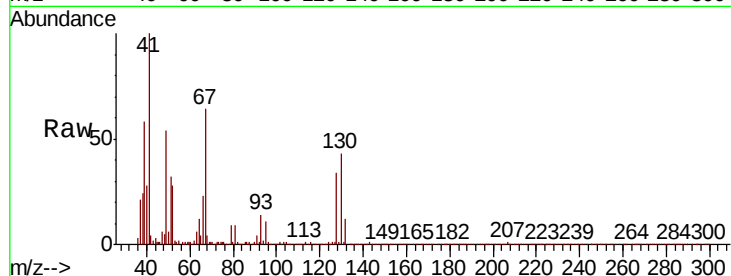




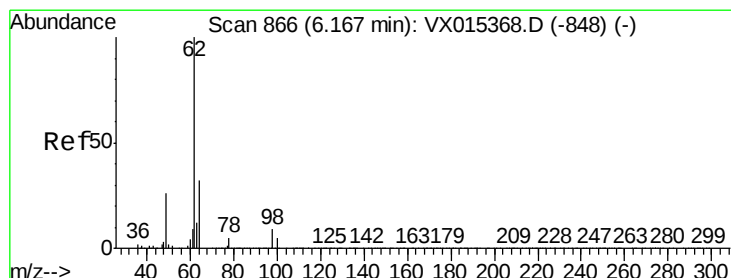
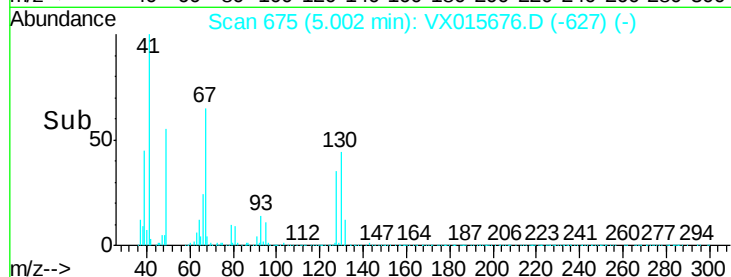
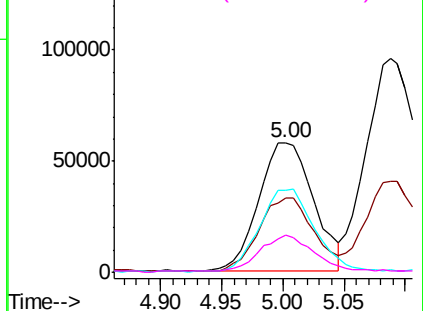
#41  
Methacrylonitrile  
Concen: 16.747 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 180458 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 57.6  | 44.5  | 66.7   |
| 67       | 66.4  | 48.9  | 73.3   |
| 52       | 28.1  | 21.8  | 32.6   |

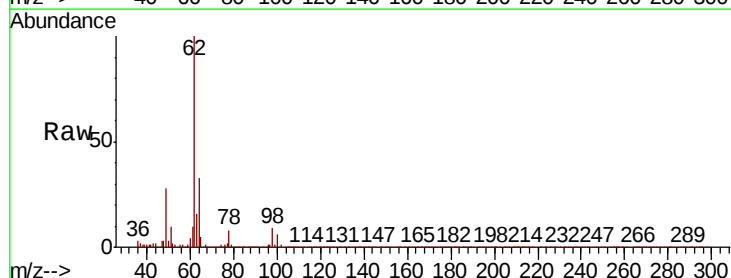


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

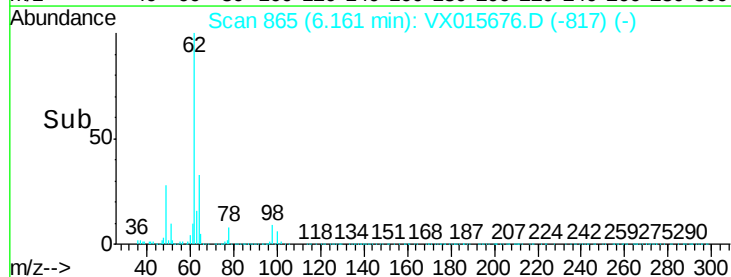
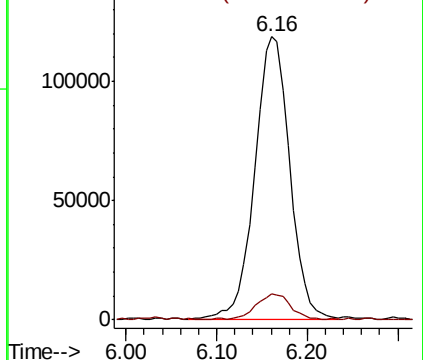


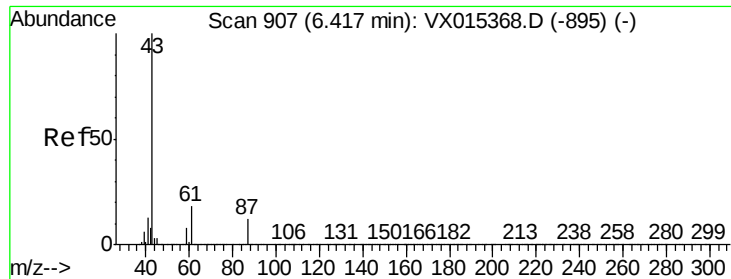
#42  
1,2-Dichloroethane  
Concen: 17.973 ug/l  
RT: 6.16 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 315284 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.5   | 0.0   | 17.6   |



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



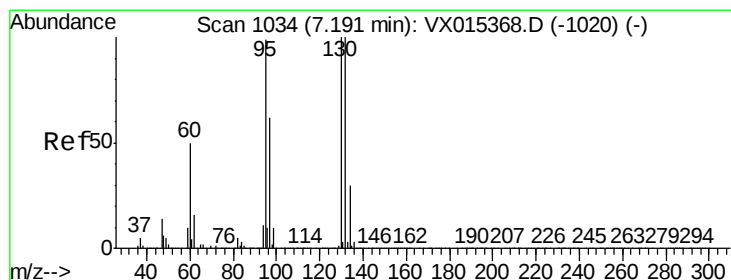
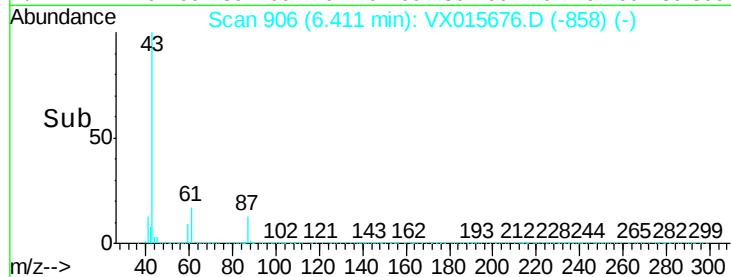
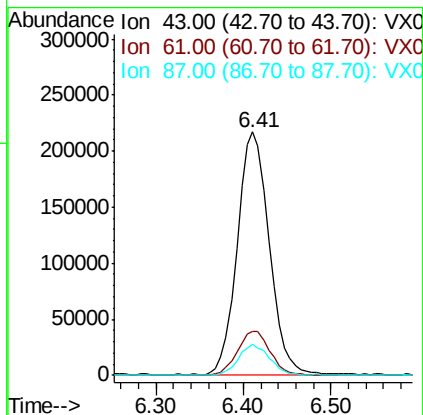
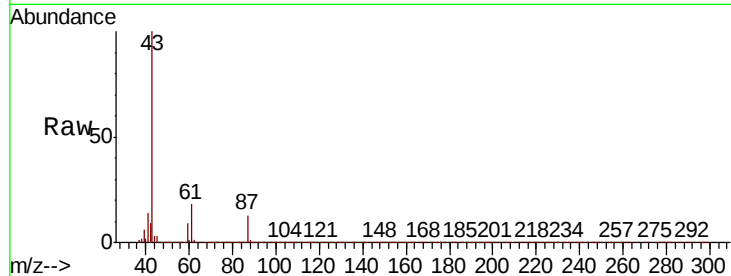


#43

Isopropyl Acetate  
 Concen: 16.675 ug/l  
 RT: 6.41 min Scan# 906  
 Delta R.T. -0.01 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

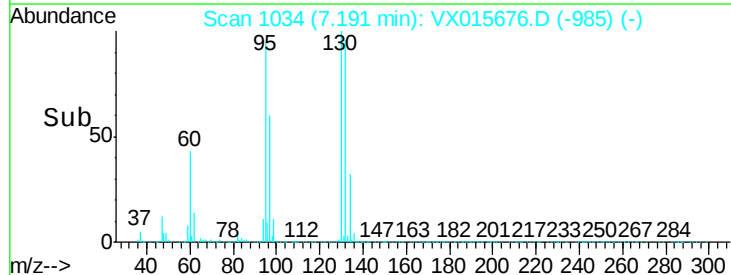
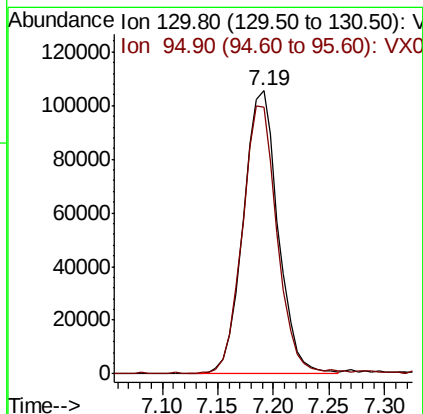
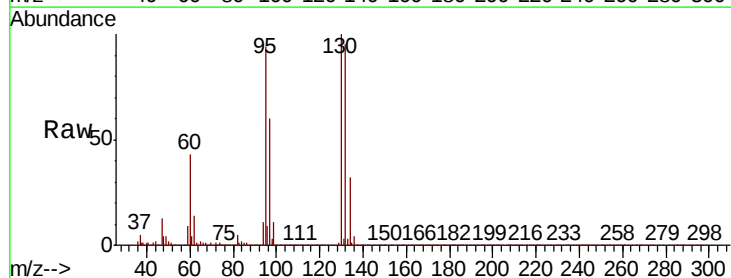
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 546437 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.3  | 14.8  | 22.2   |
| 87       | 12.0  | 9.4   | 14.0   |

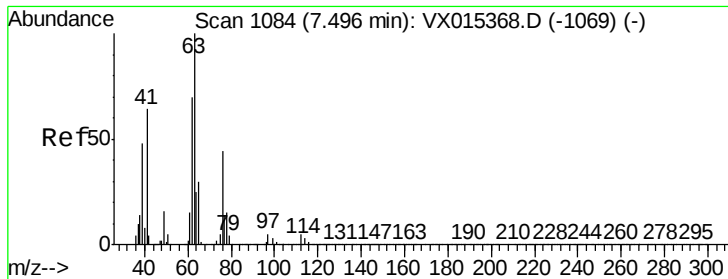


#44

Trichloroethene  
 Concen: 19.268 ug/l  
 RT: 7.19 min Scan# 1034  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 229489 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 94.2  | 0.0   | 199.0  |

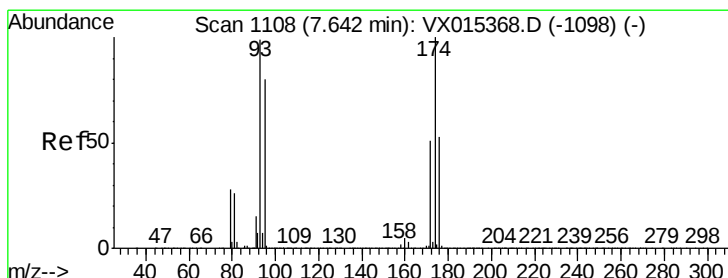
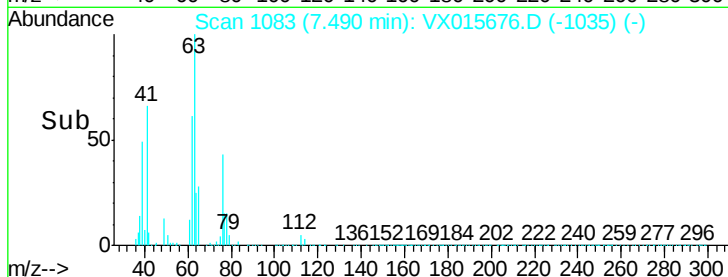
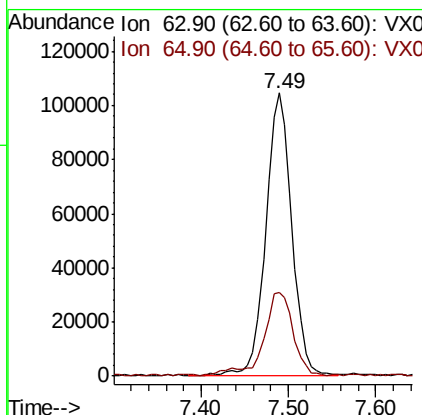
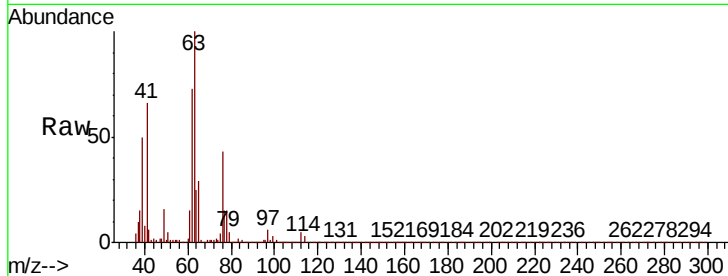




#45  
 1,2-Dichloropropane  
 Concen: 18.312 ug/l  
 RT: 7.49 min Scan# 1083  
 Delta R.T. -0.01 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

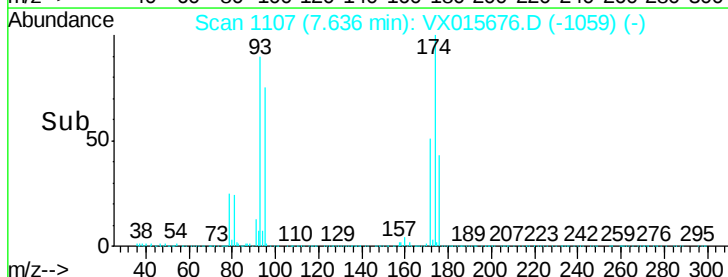
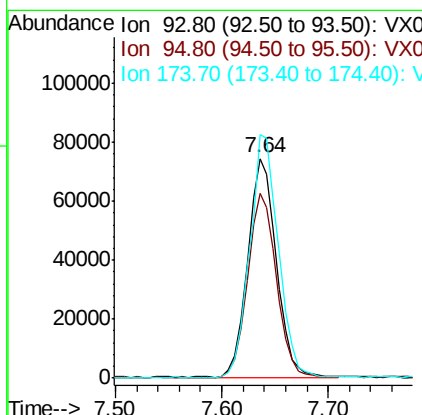
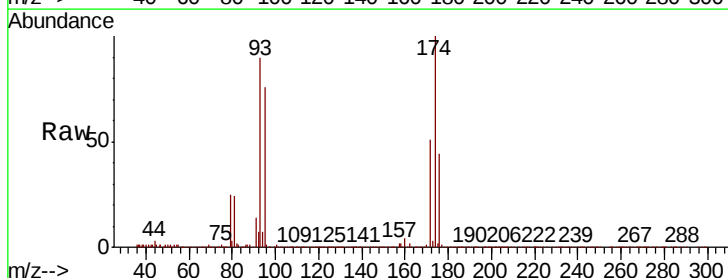
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

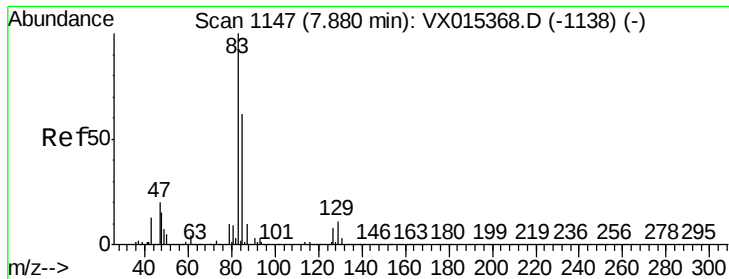
Tot Ion: 63 Resp: 218770  
 Ion Ratio Lower Upper  
 63 100  
 65 28.9 23.9 35.9



#46  
 Dibromomethane  
 Concen: 17.937 ug/l  
 RT: 7.64 min Scan# 1107  
 Delta R.T. -0.01 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

Tgt Ion: 93 Resp: 140567  
 Ion Ratio Lower Upper  
 93 100  
 95 84.3 65.8 98.8  
 174 112.0 86.2 129.2

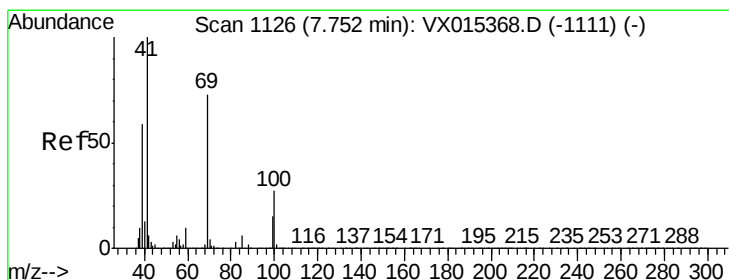
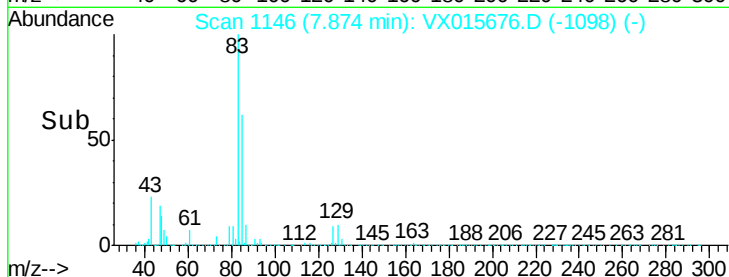
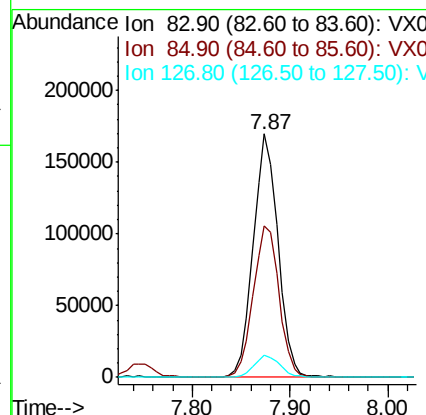
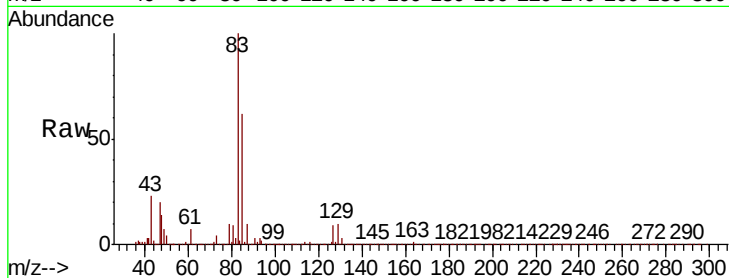




#47  
Bromodichloromethane  
Concen: 17.822 ug/l  
RT: 7.87 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

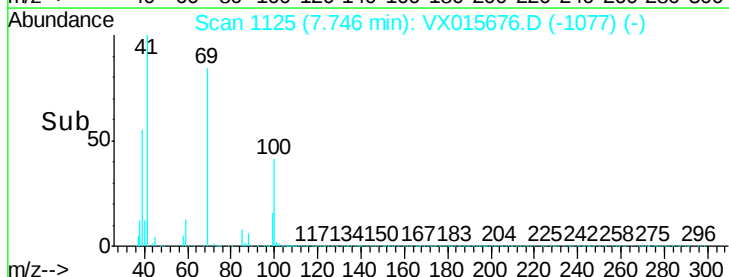
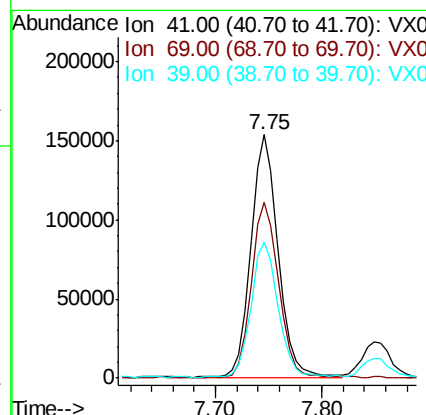
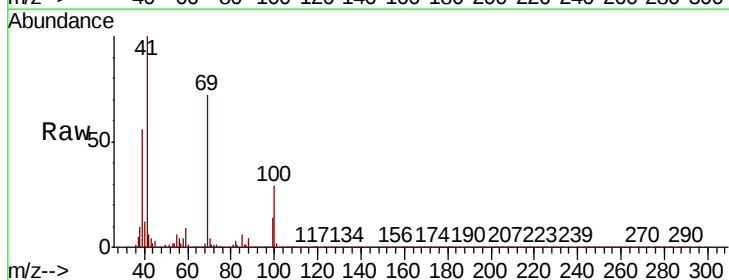
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

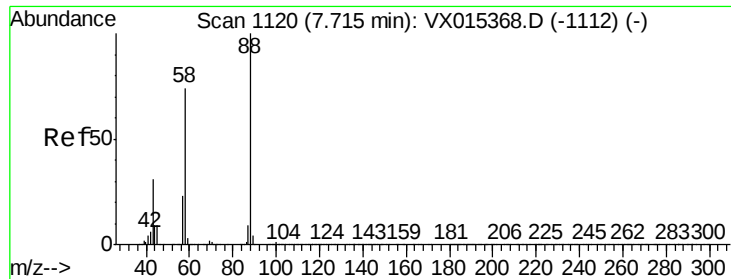
| Tot Ion   | 83    | Resp  | 297598 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 62.2  | 49.7  | 74.5   |
| 127       | 9.0   | 6.7   | 10.1   |



#48  
Methyl methacrylate  
Concen: 16.688 ug/l  
RT: 7.75 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

| Tgt Ion   | 41    | Resp  | 273139 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 74.2  | 56.7  | 85.1   |
| 39        | 56.0  | 46.5  | 69.7   |





#49

1,4-Dioxane

Concen: 326.622 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

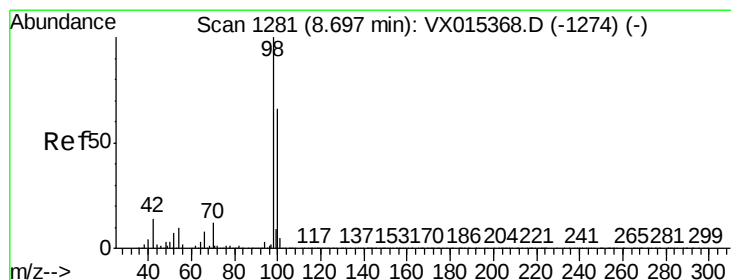
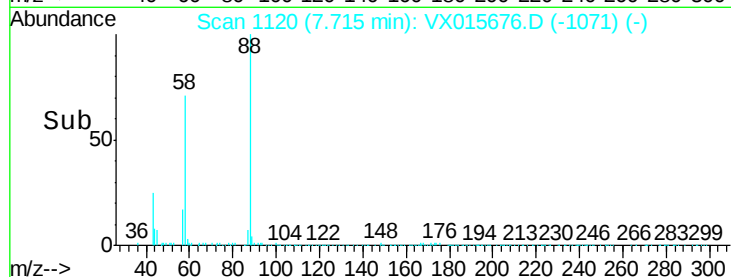
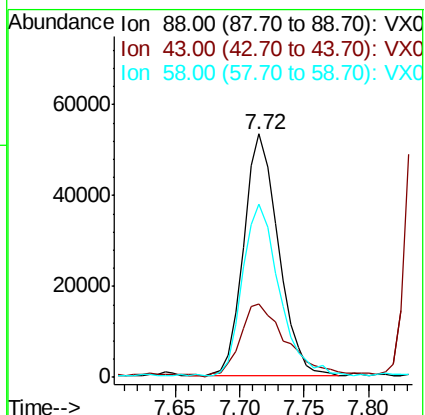
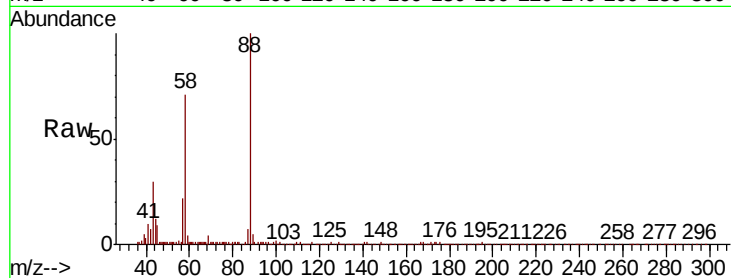
Tot Ion: 88 Resp: 99731

Ion Ratio Lower Upper

88 100

43 42.4 30.1 45.1

58 75.6 60.6 90.8



#50

Toluene-d8

Concen: 52.240 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015676.D

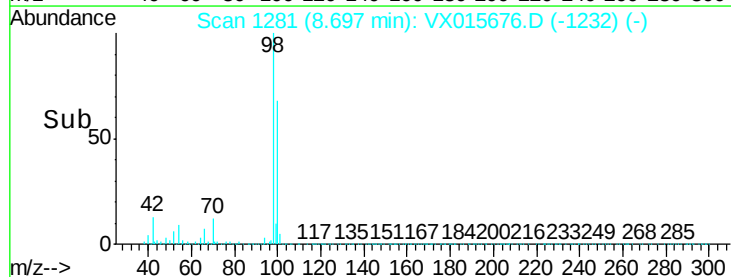
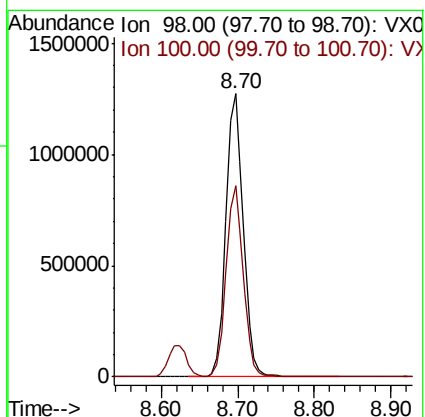
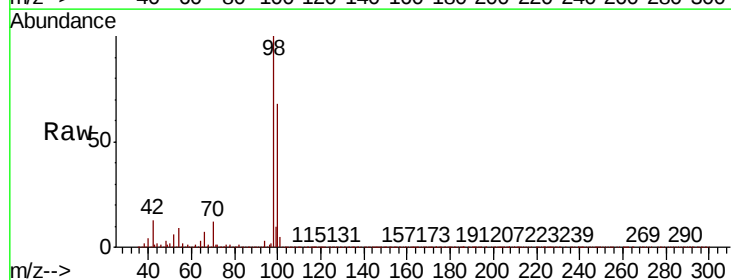
Acq: 15 Apr 2020 12:31

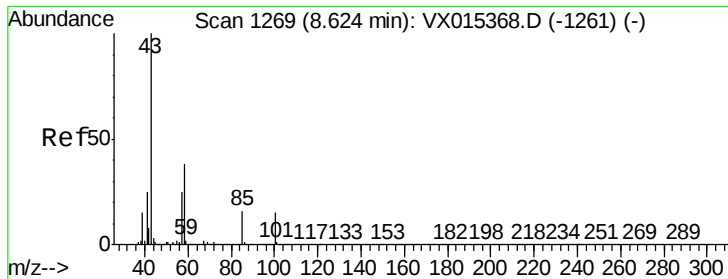
Tgt Ion: 98 Resp: 1989273

Ion Ratio Lower Upper

98 100

100 66.9 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 86.703 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

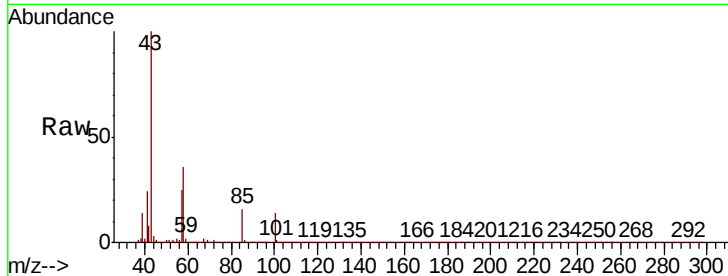
VX0415WBS01

Tot Ion: 43 Resp: 1610148

Ion Ratio Lower Upper

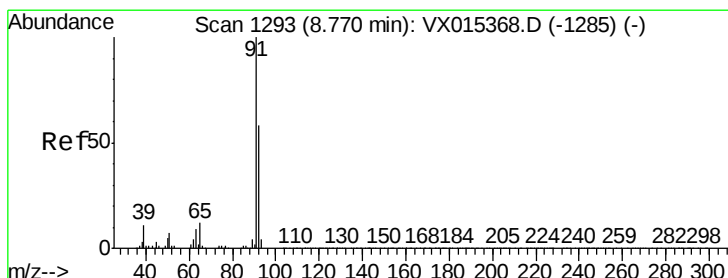
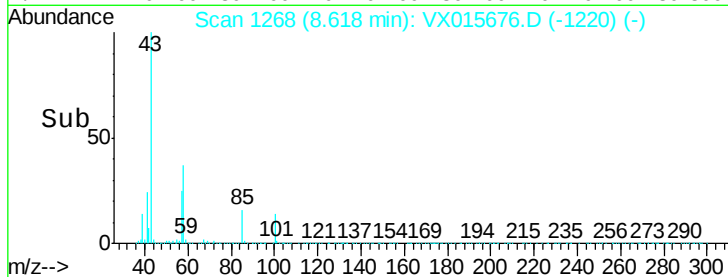
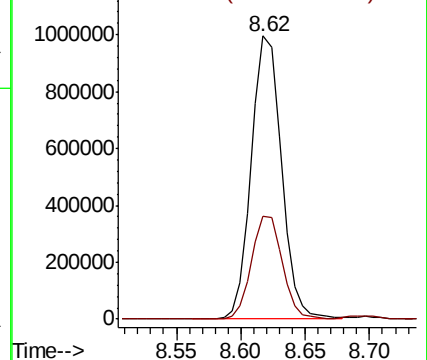
43 100

58 36.9 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.435 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015676.D

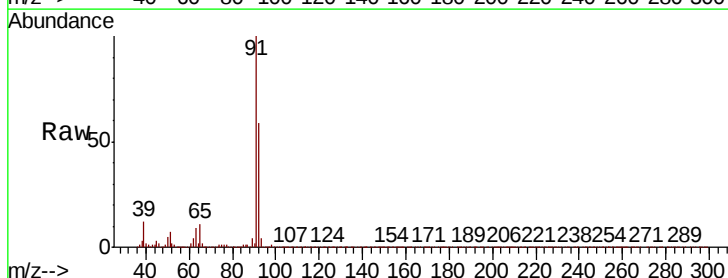
Acq: 15 Apr 2020 12:31

Tgt Ion: 92 Resp: 523276

Ion Ratio Lower Upper

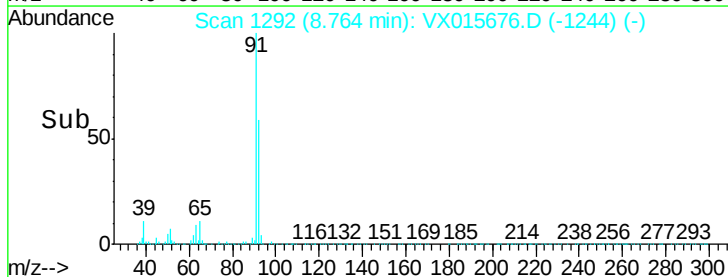
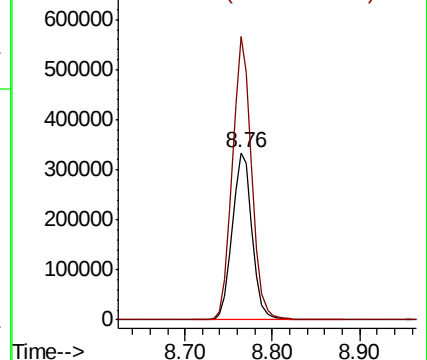
92 100

91 165.6 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.446 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampled :

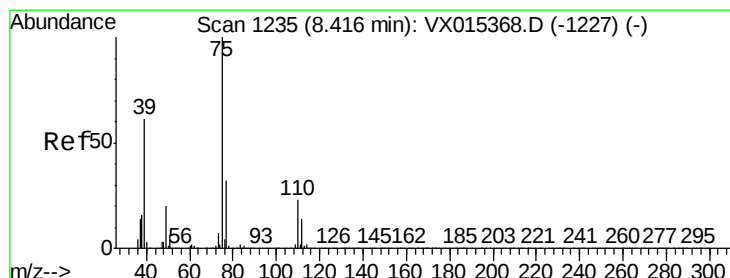
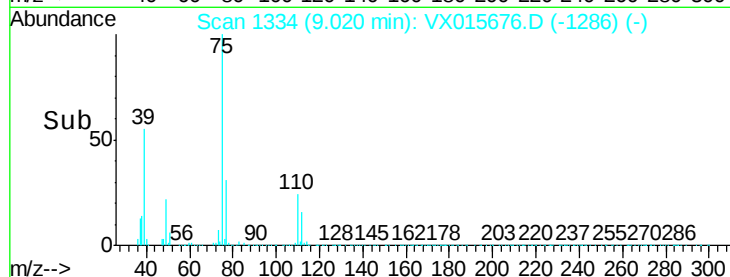
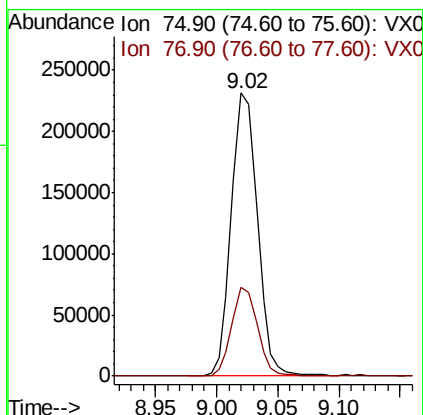
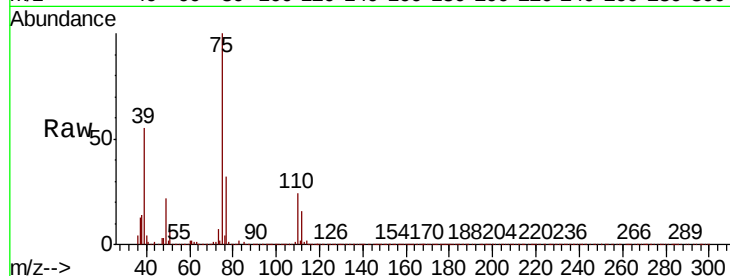
VX0415WBS01

Tot Ion: 75 Resp: 341657

Ion Ratio Lower Upper

75 100

77 31.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 17.827 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

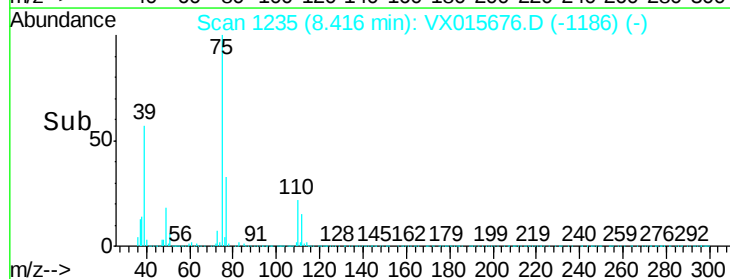
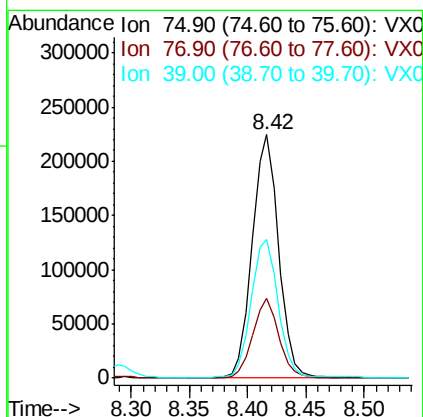
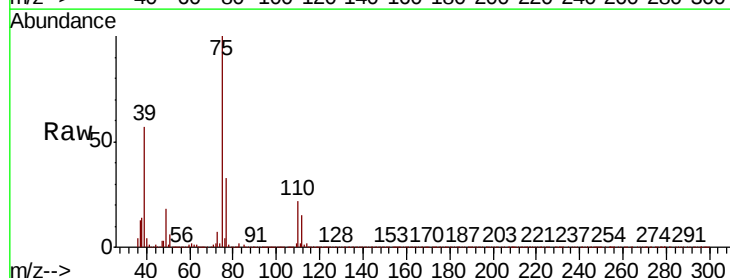
Tgt Ion: 75 Resp: 355648

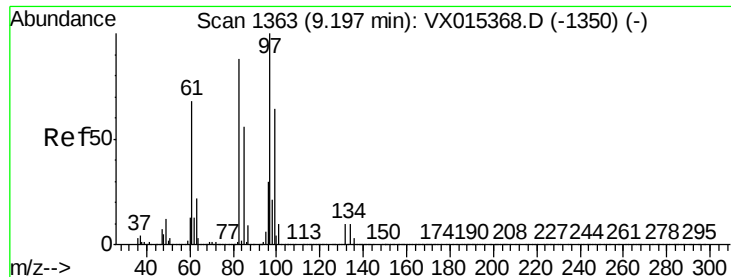
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.6

39 56.6 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 19.218 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

Tot Ion: 97 Resp: 211996

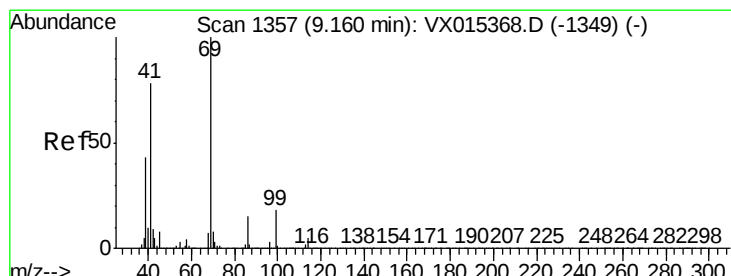
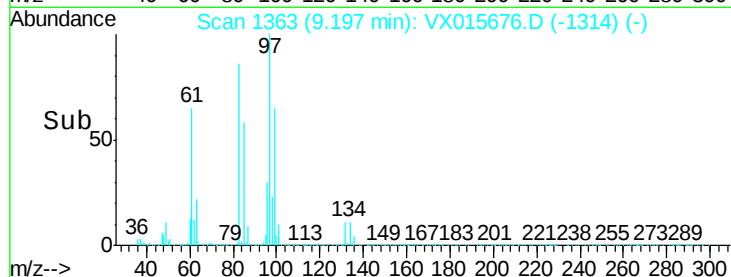
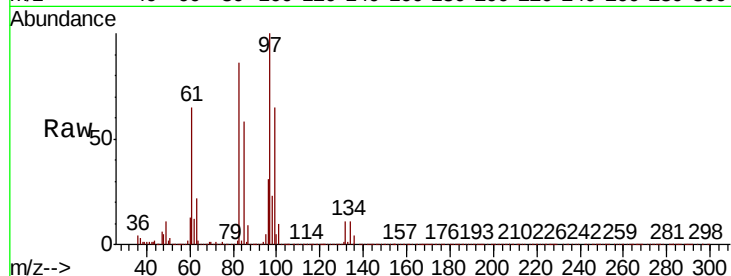
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.0  | 70.2  | 105.4 |
| 85  | 58.1  | 44.7  | 67.1  |
| 99  | 65.1  | 51.1  | 76.7  |

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.089 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

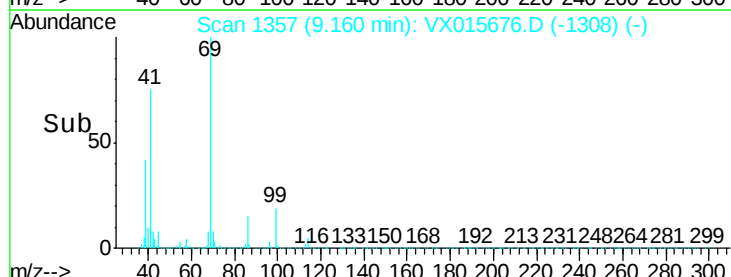
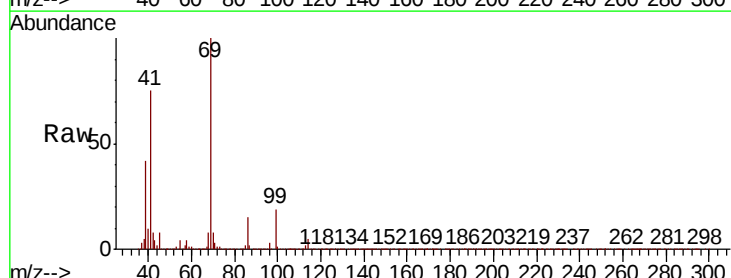
Tgt Ion: 69 Resp: 332212

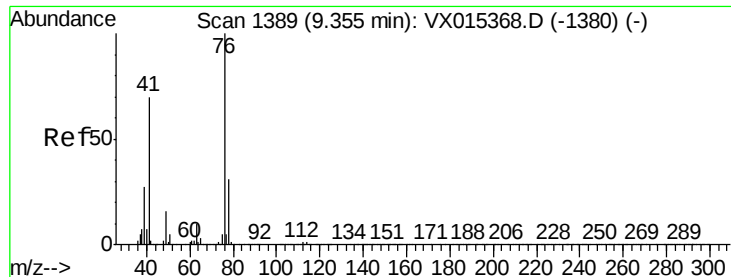
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 75.6  | 61.6  | 92.4  |
| 39  | 41.7  | 34.0  | 51.0  |

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.009 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

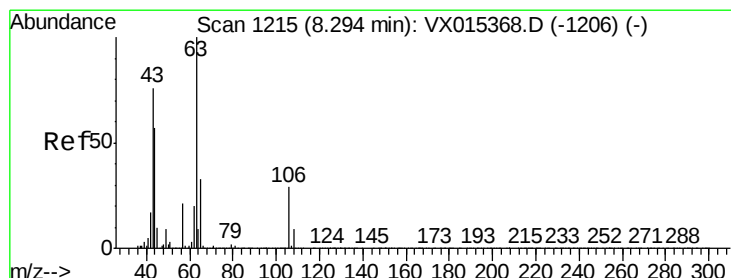
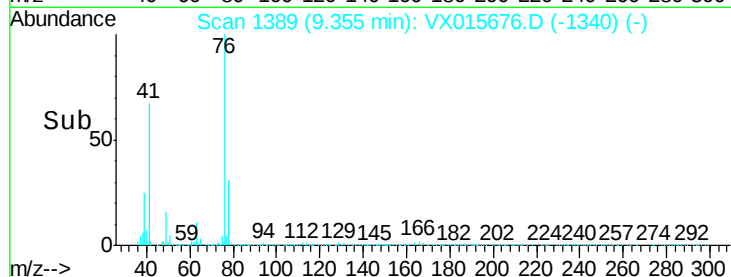
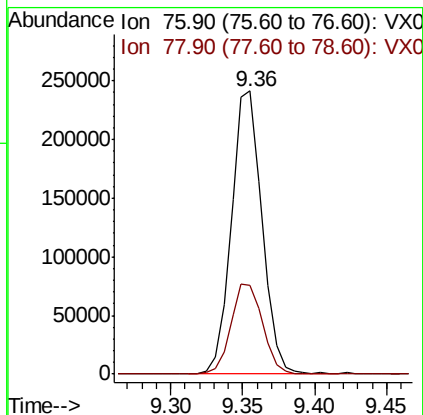
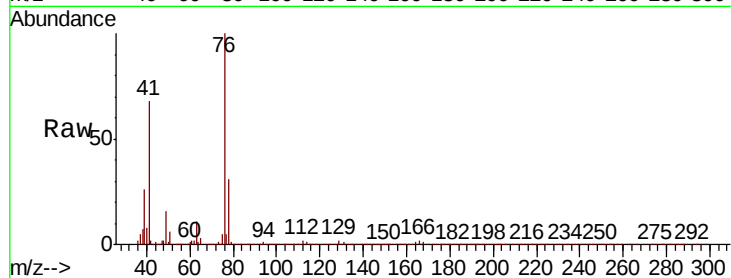
VX0415WBS01

Tot Ion: 76 Resp: 357915

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 83.474 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015676.D

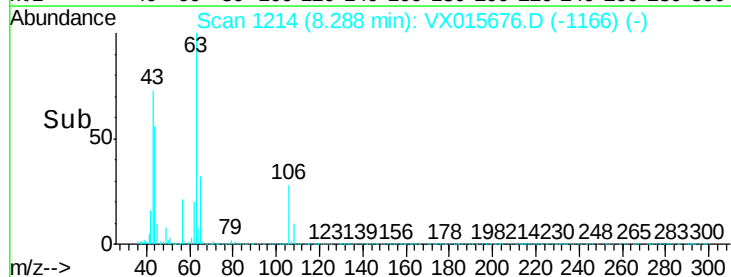
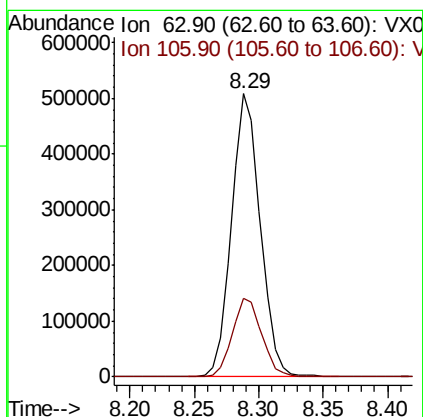
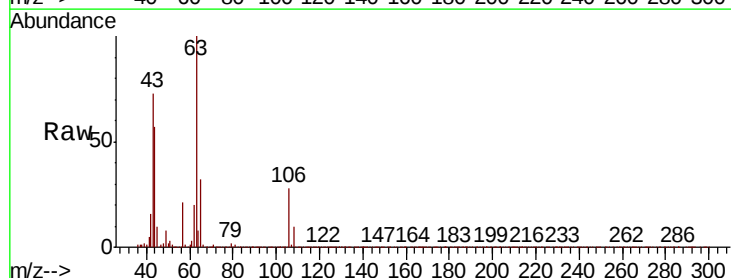
Acq: 15 Apr 2020 12:31

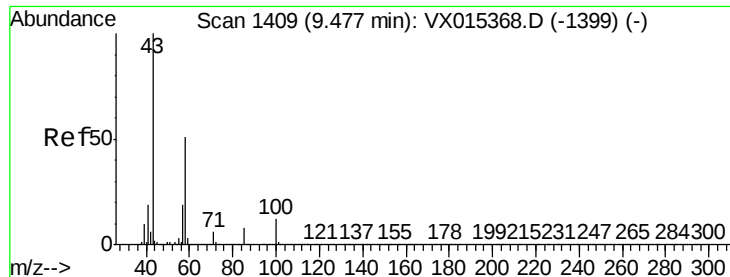
Tgt Ion: 63 Resp: 789333

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1

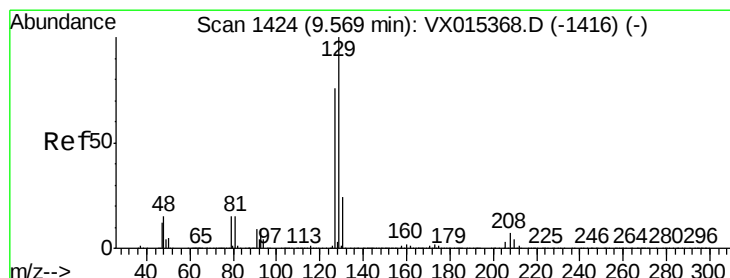
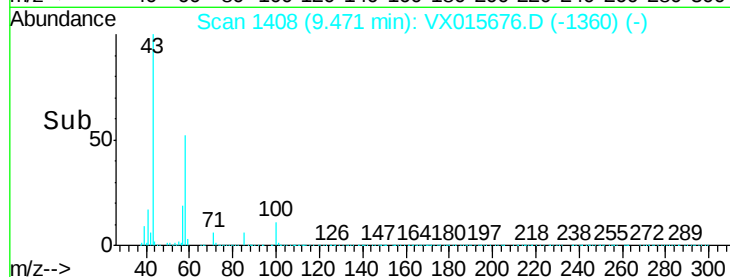
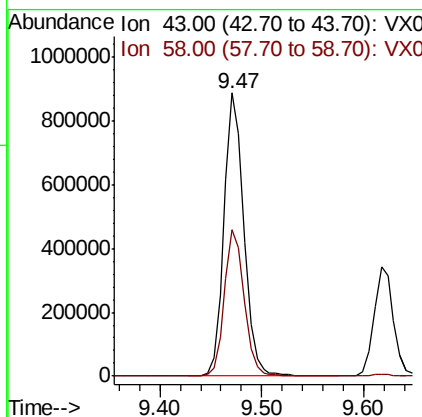
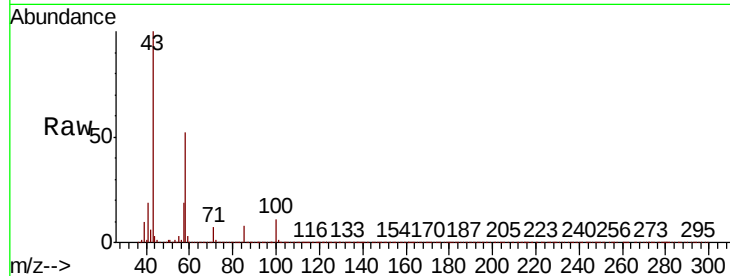




#59  
2-Hexanone  
Concen: 85.450 ug/l  
RT: 9.47 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

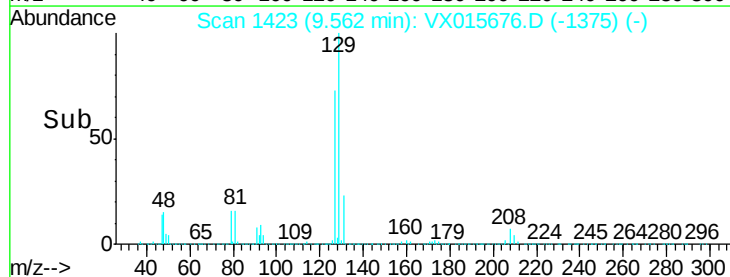
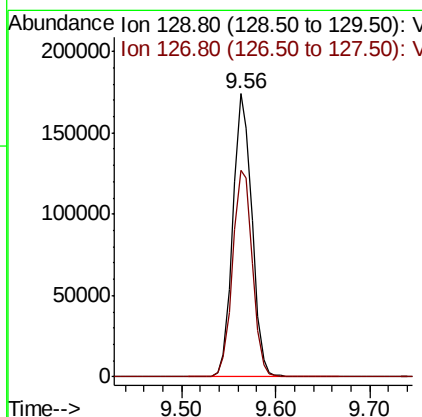
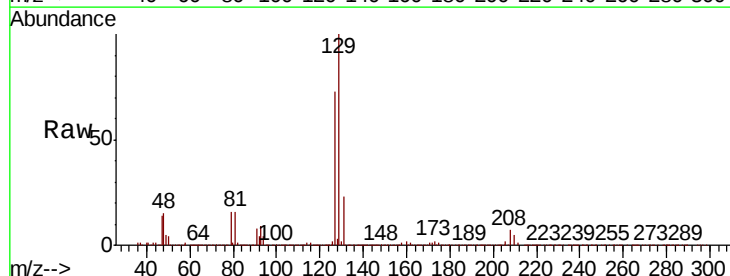
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

Tot Ion: 43 Resp: 1198057  
Ion Ratio Lower Upper  
43 100  
58 51.8 25.6 76.6



#60  
Dibromochloromethane  
Concen: 18.451 ug/l  
RT: 9.56 min Scan# 1423  
Delta R.T. -0.01 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Tgt Ion: 129 Resp: 244577  
Ion Ratio Lower Upper  
129 100  
127 75.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 17.875 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

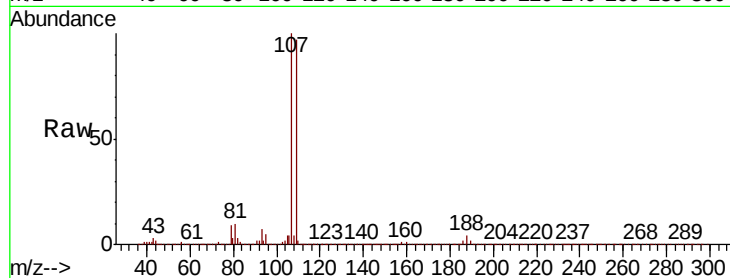
VX0415WBS01

Tot Ion:107 Resp: 214398

Ion Ratio Lower Upper

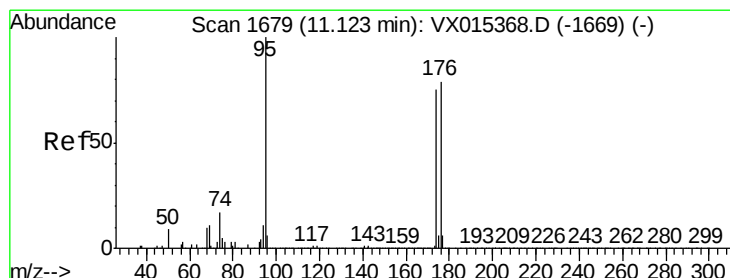
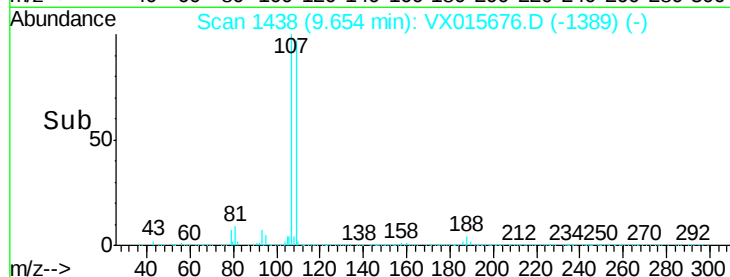
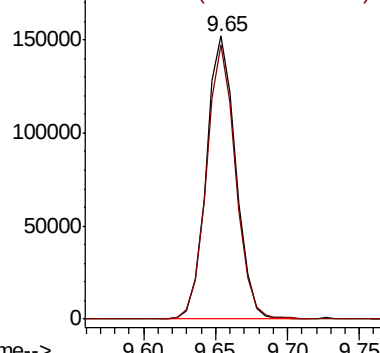
107 100

109 96.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.220 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

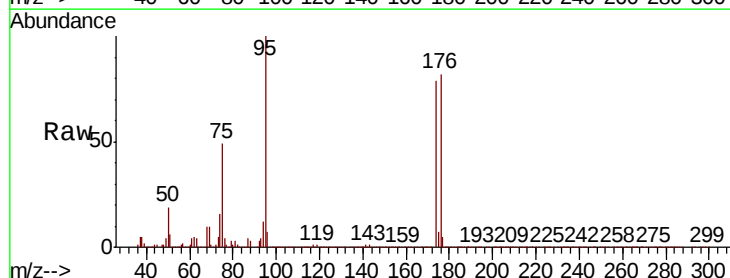
Tgt Ion: 95 Resp: 792665

Ion Ratio Lower Upper

95 100

174 83.8 0.0 158.6

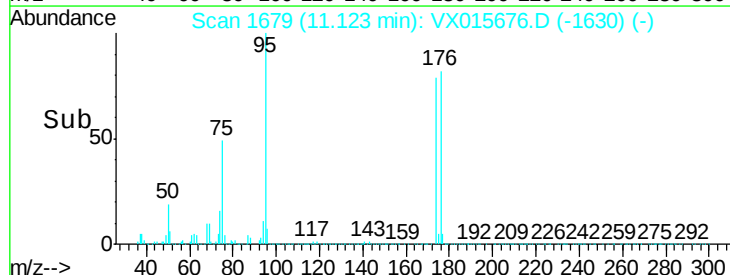
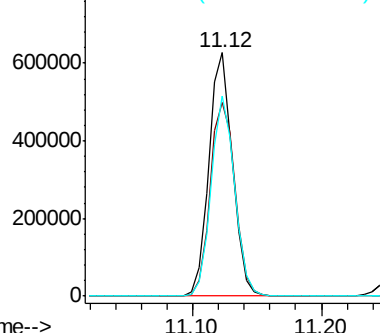
176 81.9 0.0 159.0



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

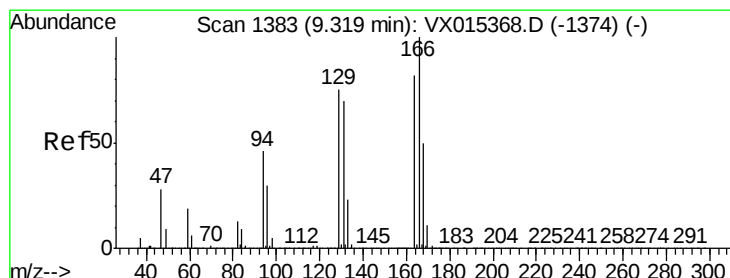
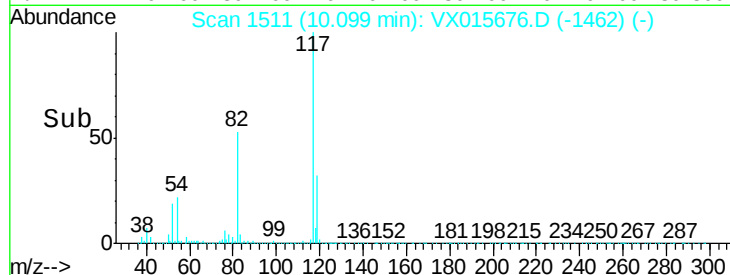
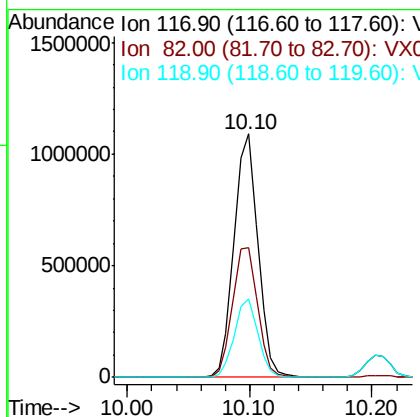
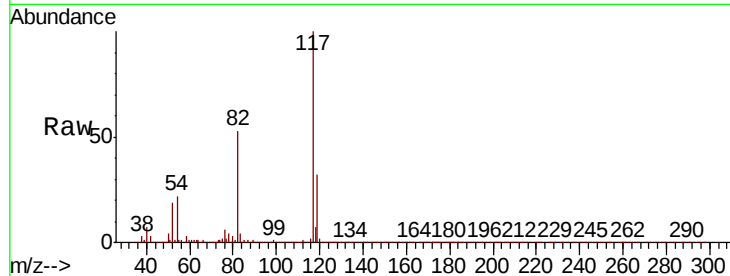




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

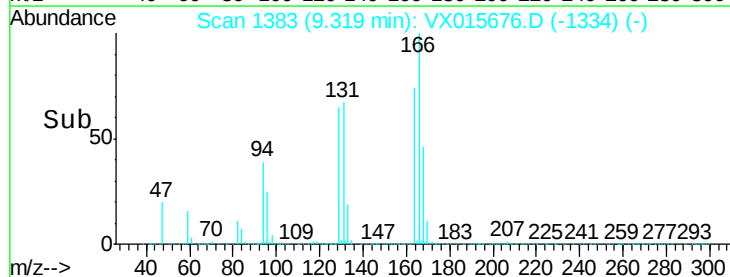
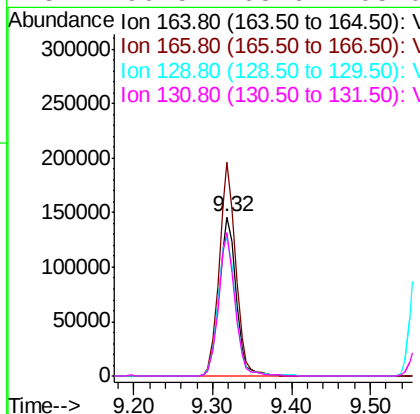
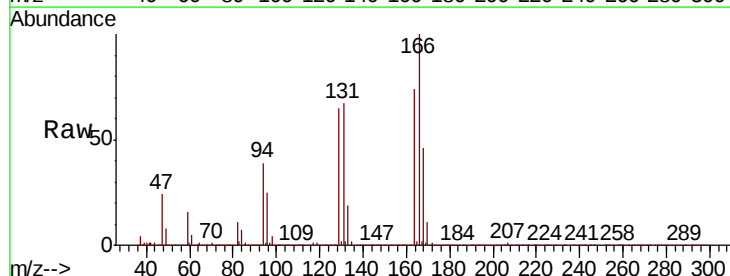
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

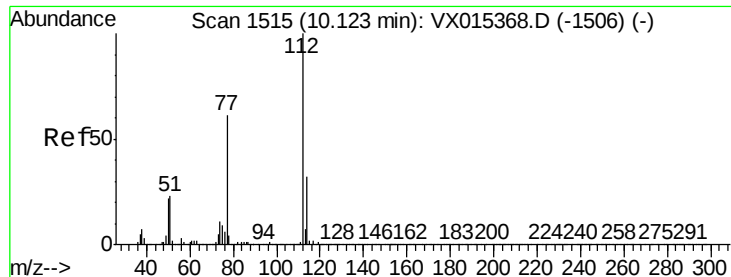
Tot Ion:117 Resp: 1472048  
Ion Ratio Lower Upper  
117 100  
82 53.2 47.8 71.8  
119 32.1 26.8 40.2



#64  
Tetrachloroethene  
Concen: 19.772 ug/l  
RT: 9.32 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Tgt Ion:164 Resp: 219650  
Ion Ratio Lower Upper  
164 100  
166 134.3 97.8 146.6  
129 87.1 73.0 109.4  
131 90.5 68.6 103.0





#65

Chlorobenzene

Concen: 19.090 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

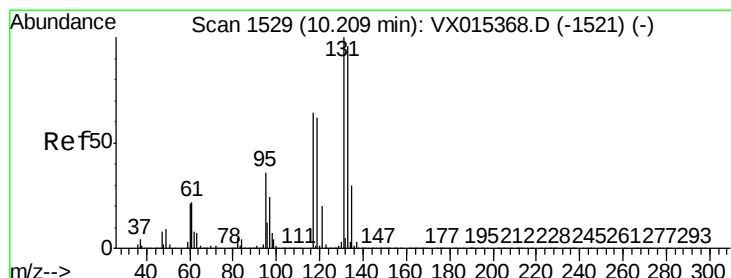
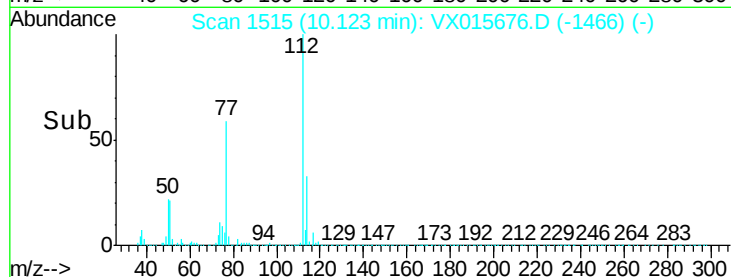
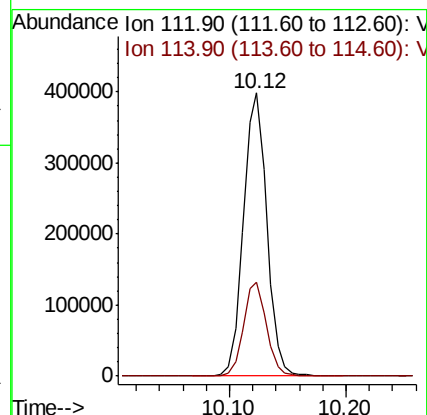
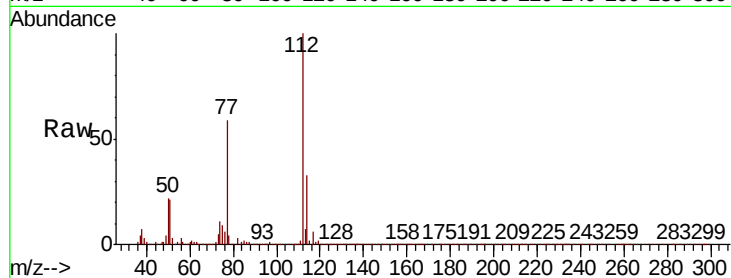
VX0415WBS01

Tot Ion:112 Resp: 560430

Ion Ratio Lower Upper

112 100

114 33.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.458 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

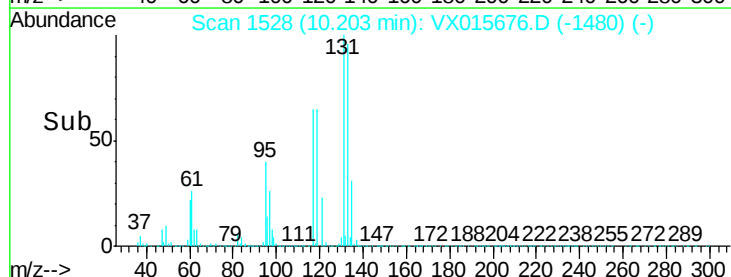
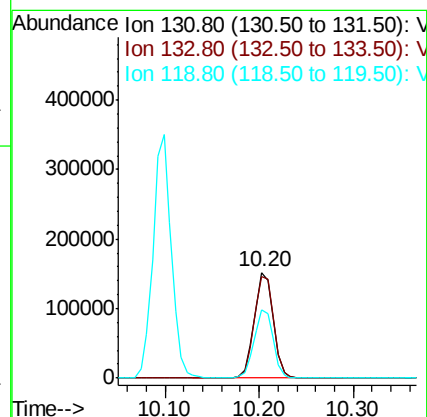
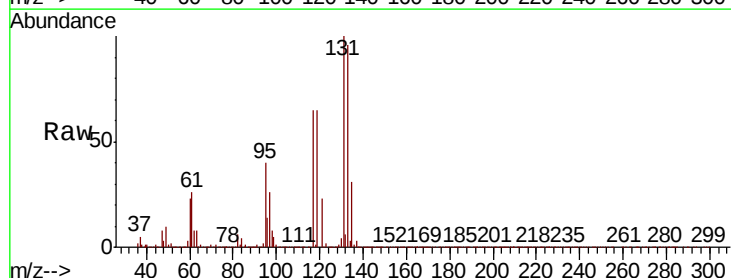
Tgt Ion:131 Resp: 216481

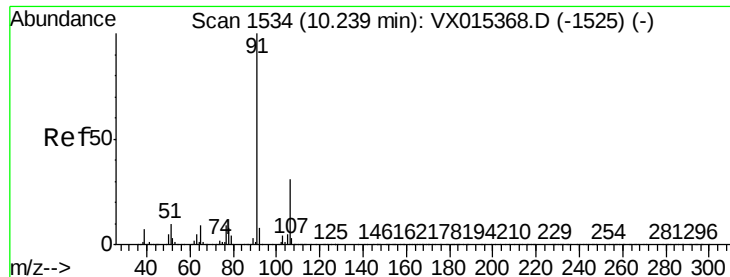
Ion Ratio Lower Upper

131 100

133 98.7 47.6 142.9

119 64.4 31.1 93.3





#67

Ethyl Benzene

Concen: 19.257 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

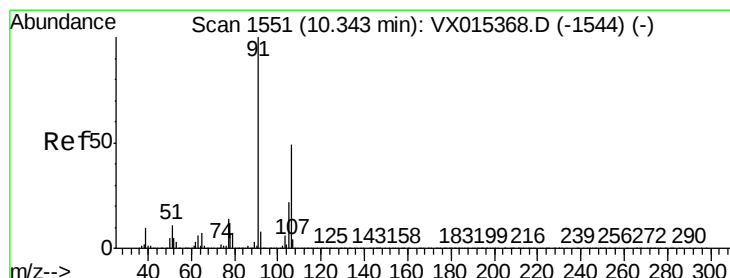
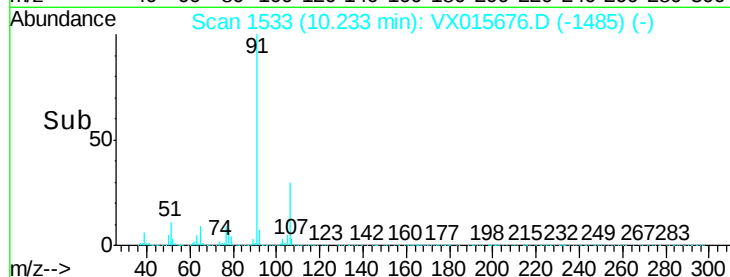
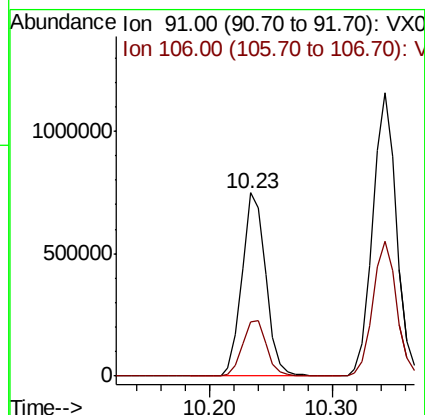
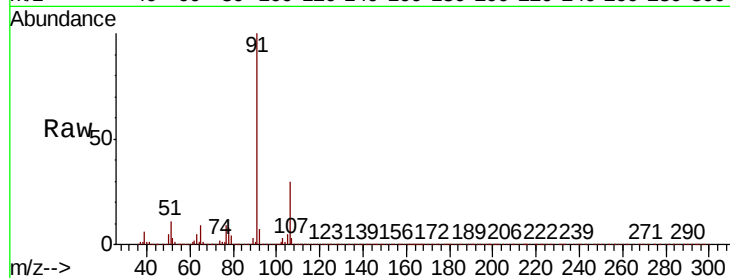
VX0415WBS01

Tot Ion: 91 Resp: 1002657

Ion Ratio Lower Upper

91 100

106 29.6 24.8 37.2



#68

m/p-Xylenes

Concen: 38.550 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015676.D

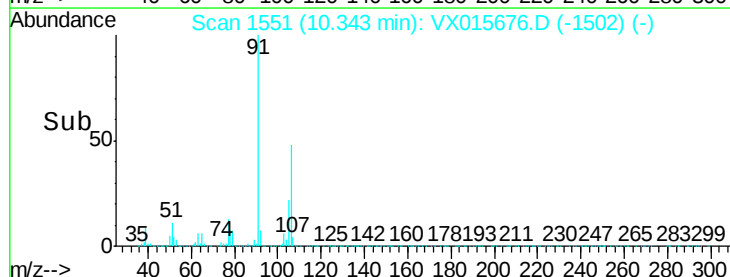
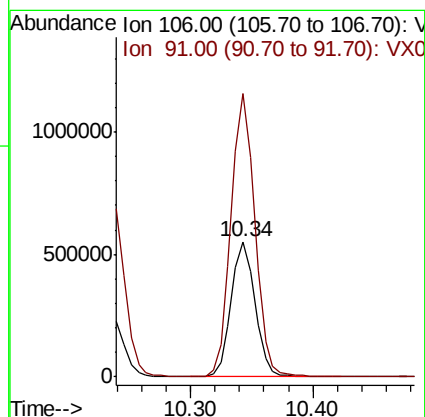
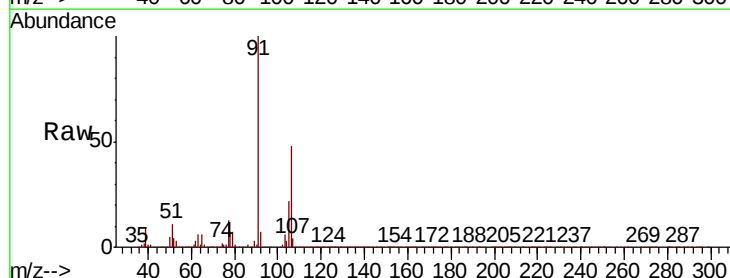
Acq: 15 Apr 2020 12:31

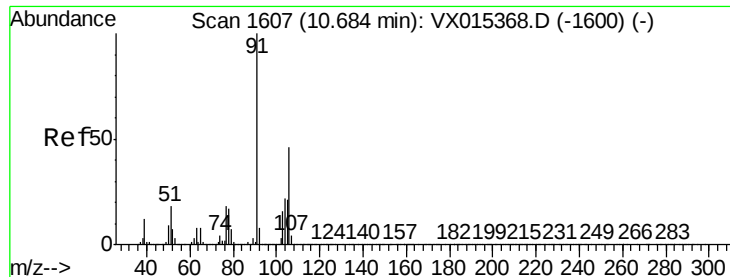
Tgt Ion:106 Resp: 747420

Ion Ratio Lower Upper

106 100

91 208.3 163.4 245.0

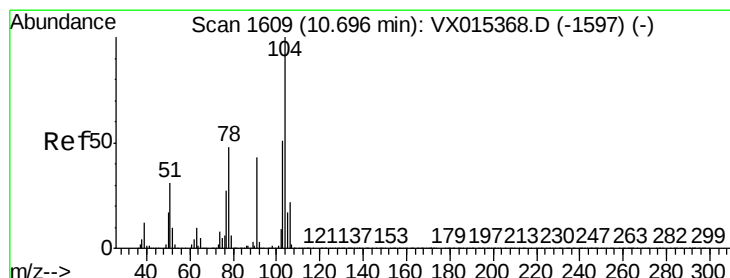
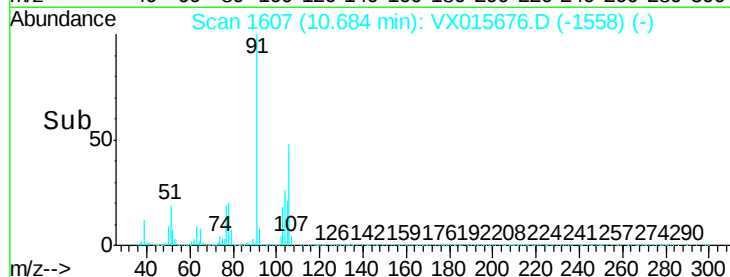
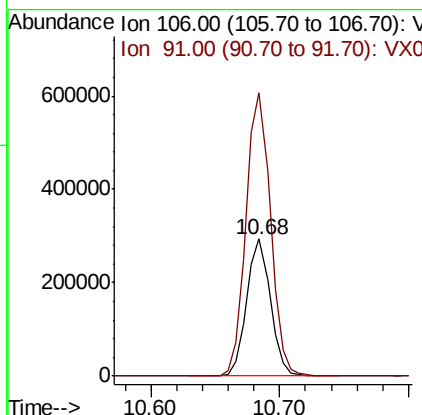
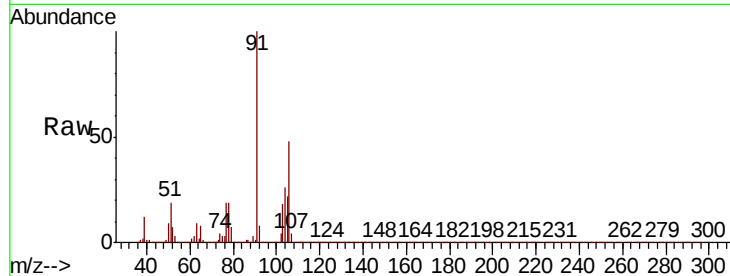




#69  
o-Xylene  
Concen: 19.408 ug/l  
RT: 10.68 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

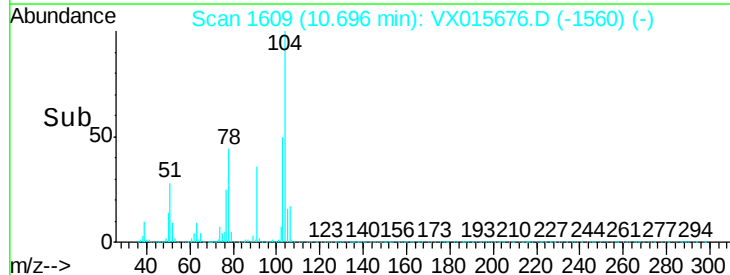
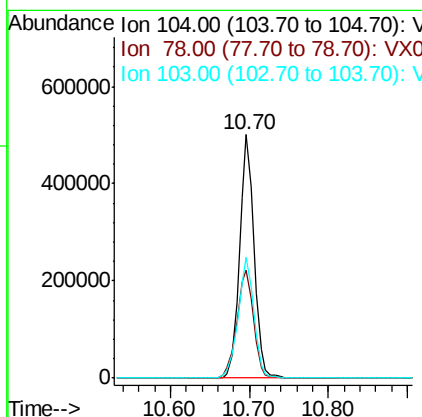
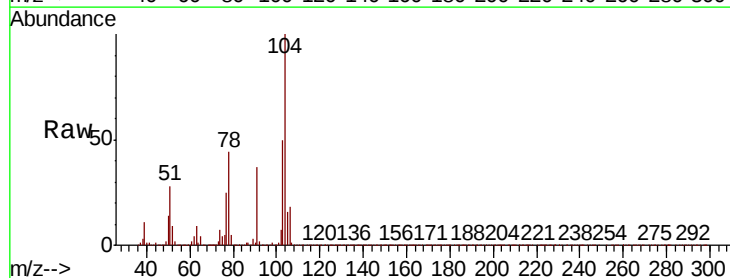
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

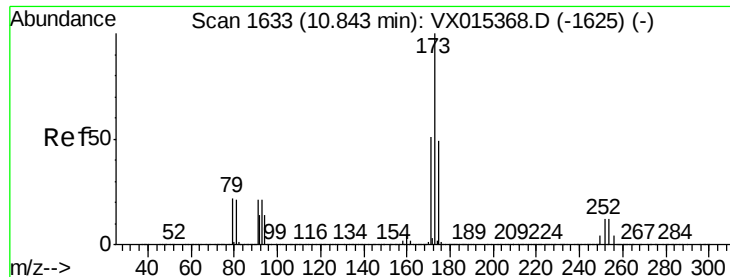
Tot Ion:106 Resp: 371842  
Ion Ratio Lower Upper  
106 100  
91 213.8 107.1 321.3



#70  
Styrene  
Concen: 19.023 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Tgt Ion:104 Resp: 641316  
Ion Ratio Lower Upper  
104 100  
78 51.0 42.0 63.0  
103 53.9 43.4 65.0





#71

Bromoform

Concen: 17.306 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

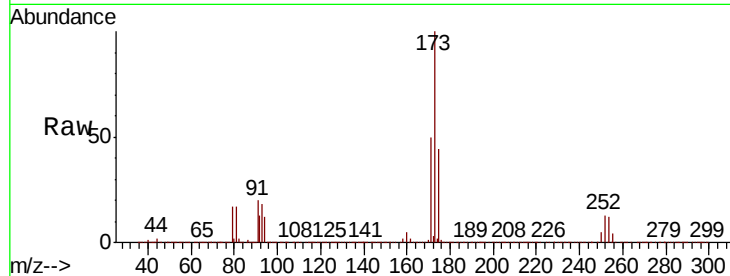
Tot Ion:173 Resp: 184770

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

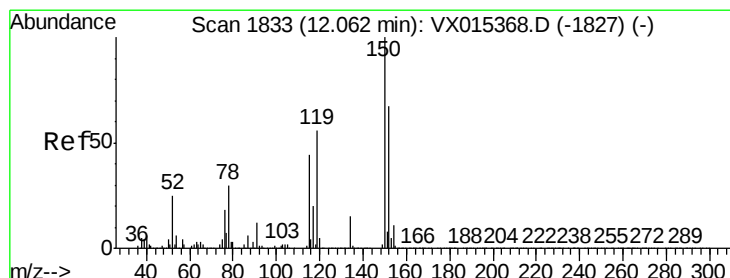
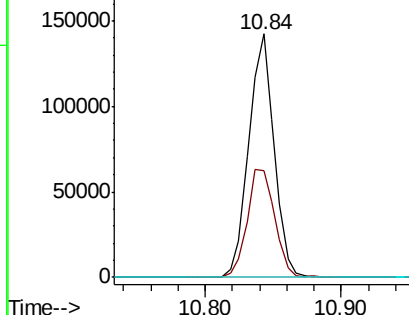
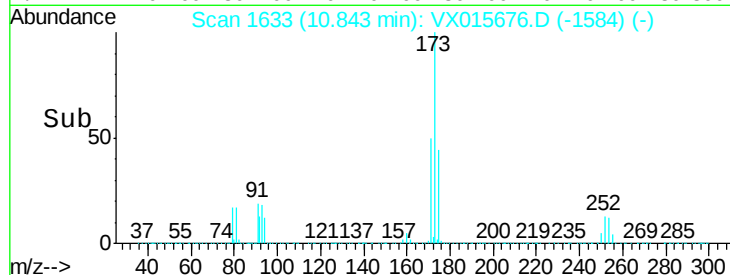
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

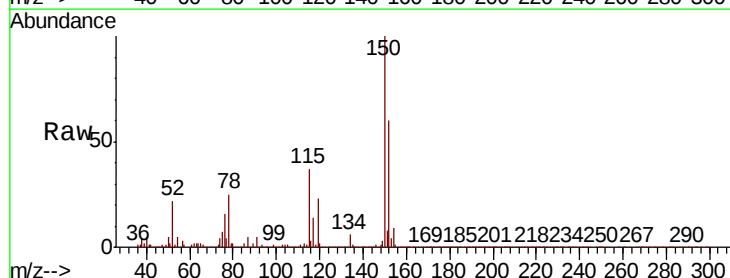
Tgt Ion:152 Resp: 793131

Ion Ratio Lower Upper

152 100

115 65.3 39.0 116.9

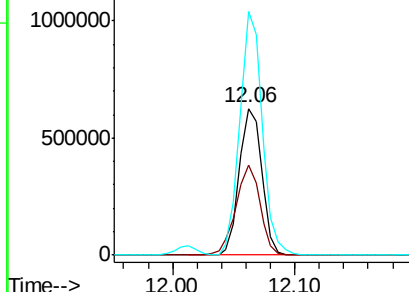
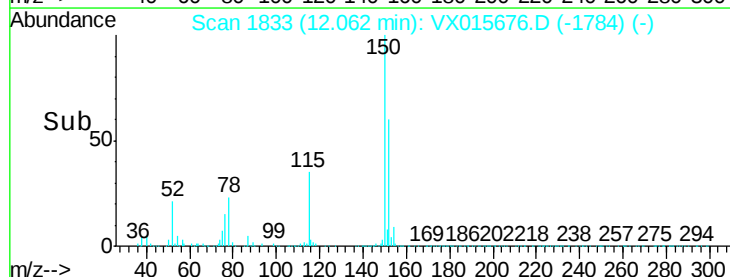
150 165.9 0.0 340.8

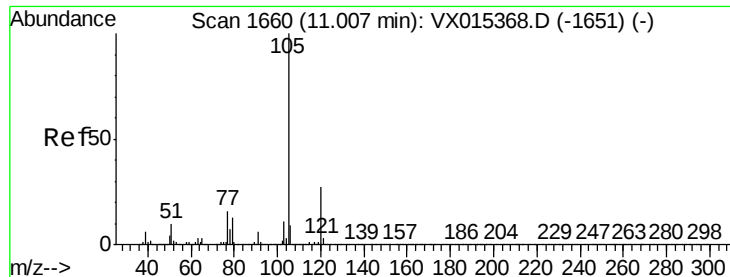


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.288 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

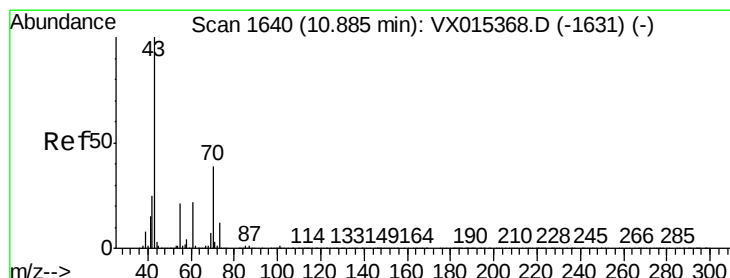
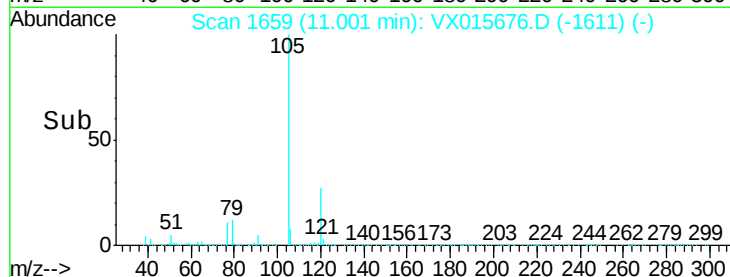
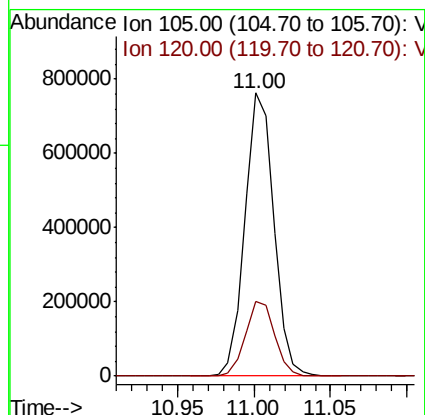
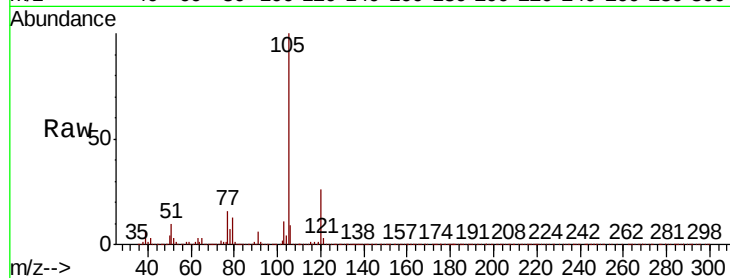
VX0415WBS01

Tot Ion:105 Resp: 1002335

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 16.155 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Tgt Ion: 43 Resp: 466947

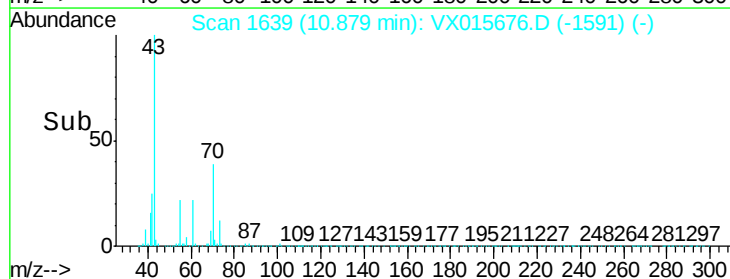
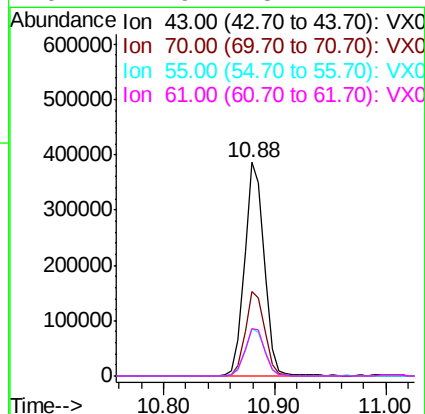
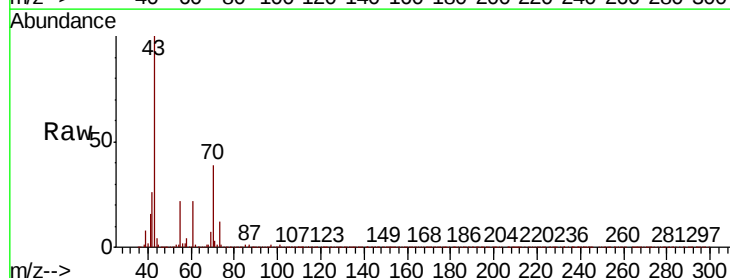
Ion Ratio Lower Upper

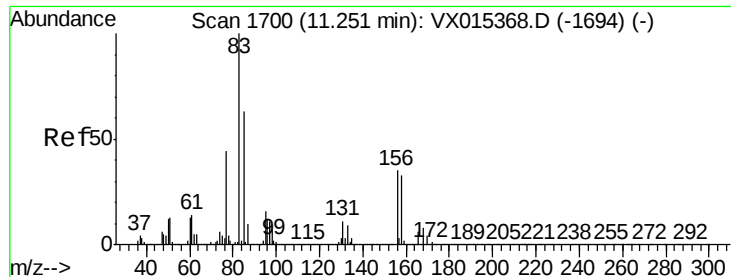
43 100

70 39.4 30.2 45.4

55 22.2 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.260 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

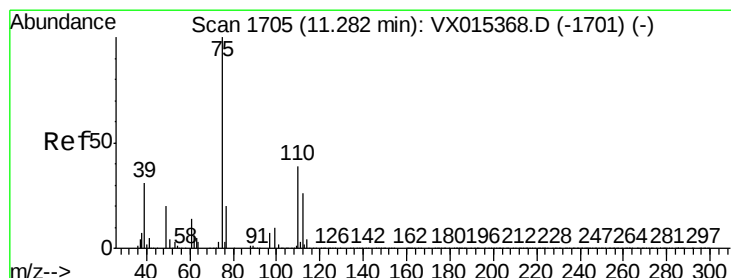
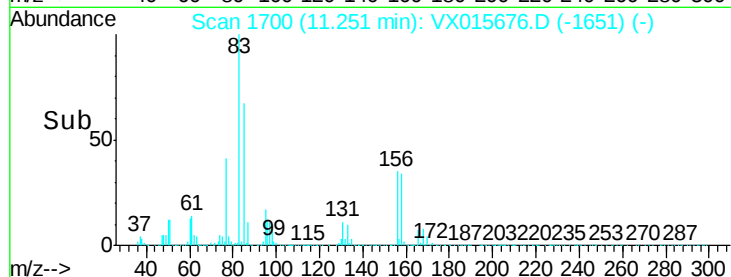
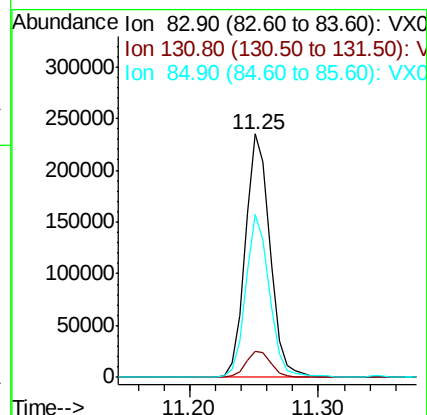
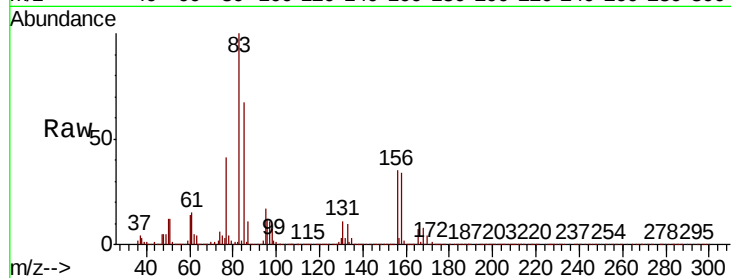
Tot Ion: 83 Resp: 307789

Ion Ratio Lower Upper

83 100

131 11.3 5.3 16.1

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 21.961 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015676.D

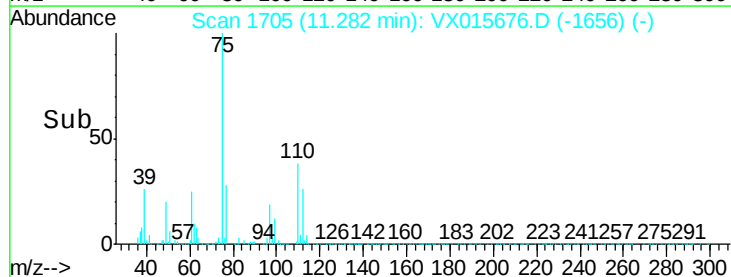
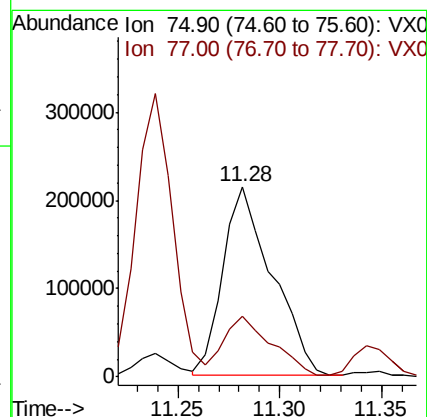
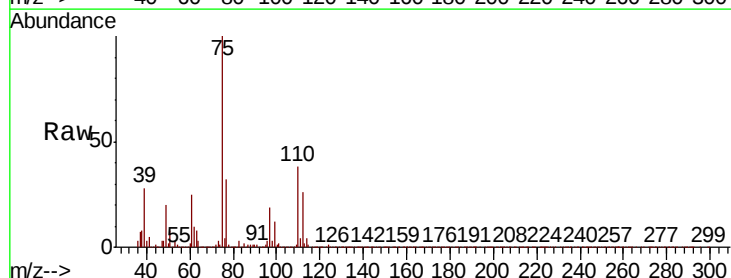
Acq: 15 Apr 2020 12:31

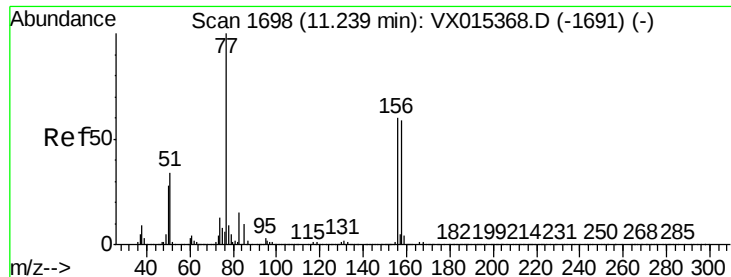
Tgt Ion: 75 Resp: 358186

Ion Ratio Lower Upper

75 100

77 32.1 21.2 63.6





#77

Bromobenzene

Concen: 19.307 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

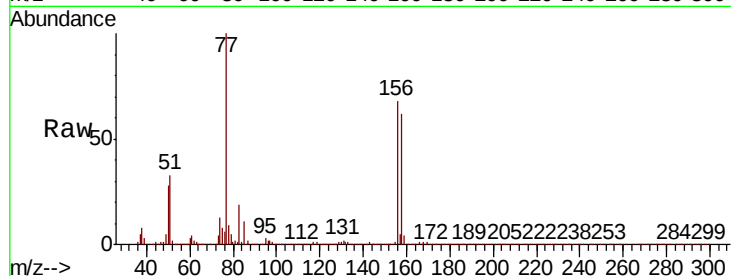
Tot Ion:156 Resp: 267624

Ion Ratio Lower Upper

156 100

77 151.1 82.2 246.5

158 95.9 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

400000

300000

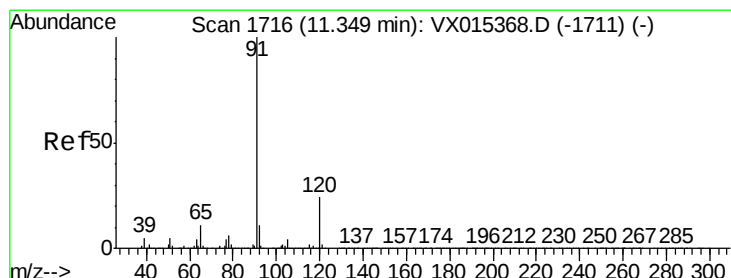
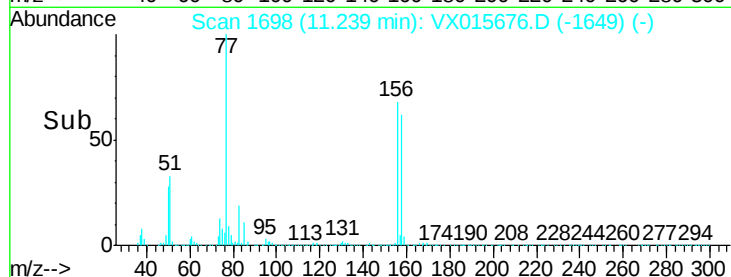
200000

100000

0

11.15 11.20 11.25 11.30

Time-->



#78

n-propylbenzene

Concen: 19.275 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015676.D

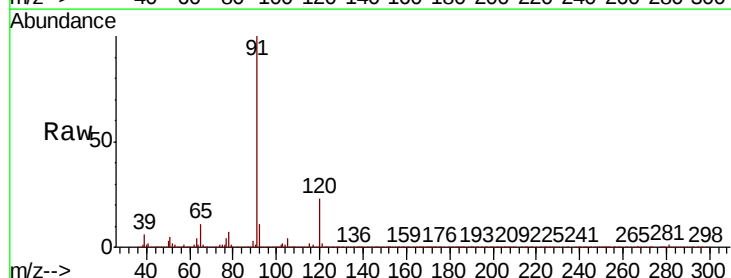
Acq: 15 Apr 2020 12:31

Tgt Ion: 91 Resp: 1145388

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

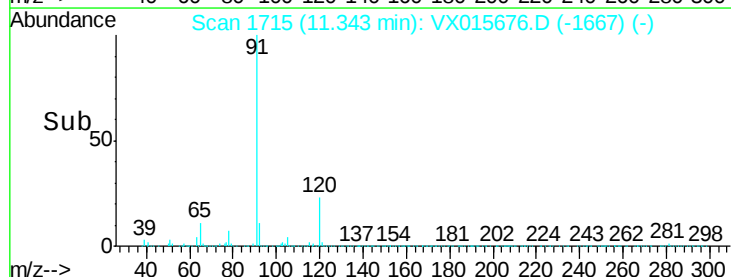
400000

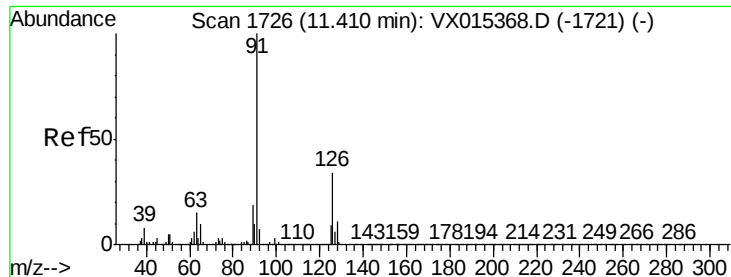
200000

0

11.30 11.35

Time-->

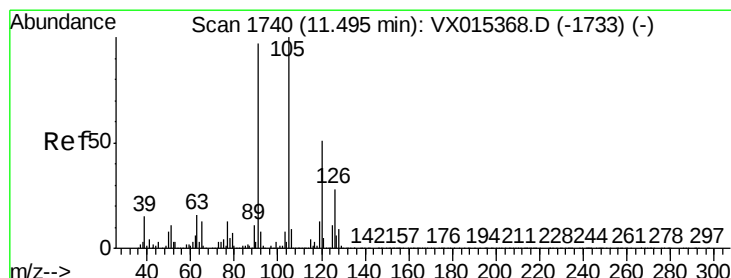
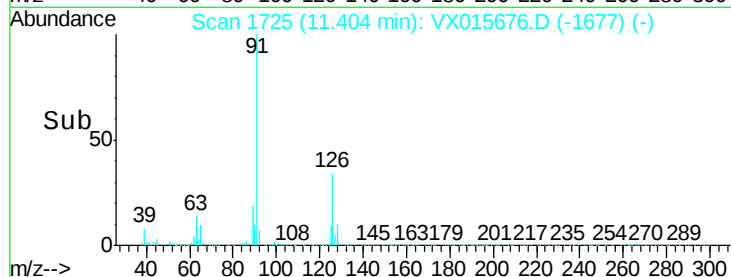
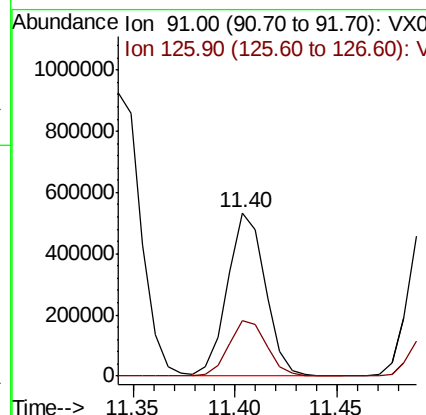
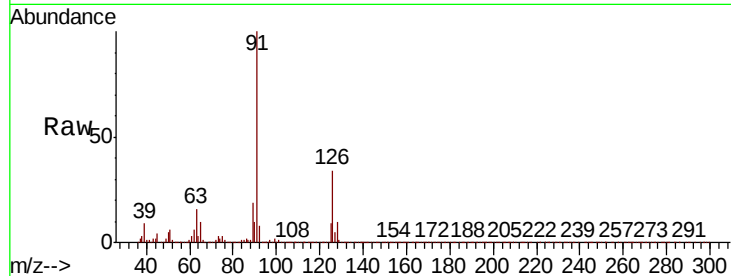




#79  
 2-Chlorotoluene  
 Concen: 18.550 ug/l  
 RT: 11.40 min Scan# 1725  
 Delta R.T. -0.01 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

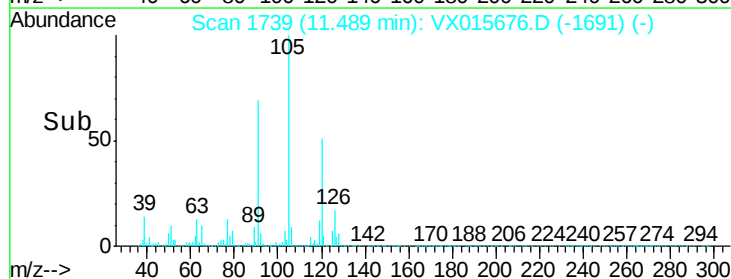
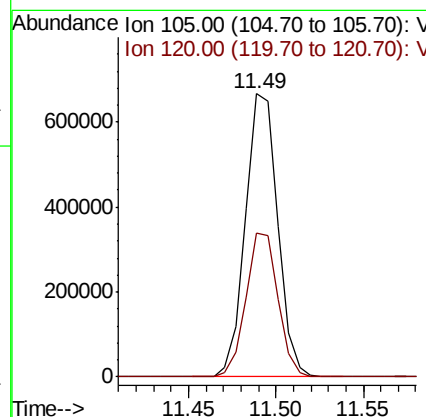
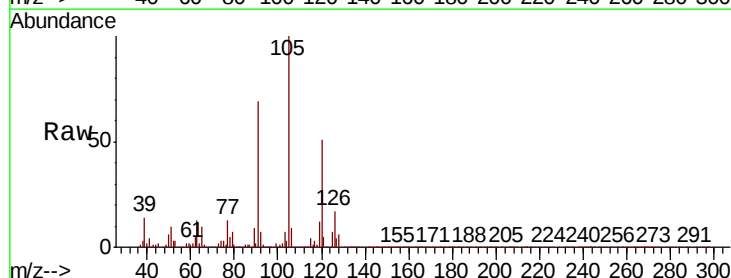
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0415WBS01

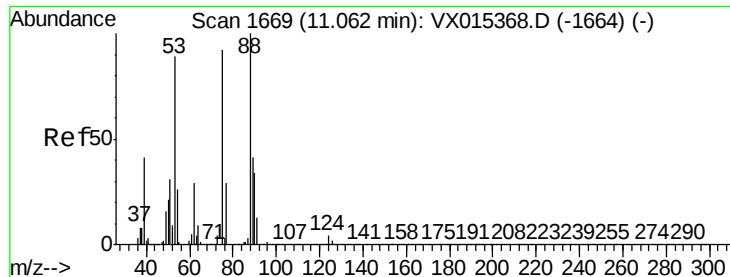
Tot Ion: 91 Resp: 675632  
 Ion Ratio Lower Upper  
 91 100  
 126 34.6 16.5 49.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.267 ug/l  
 RT: 11.49 min Scan# 1739  
 Delta R.T. -0.01 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

Tgt Ion: 105 Resp: 855118  
 Ion Ratio Lower Upper  
 105 100  
 120 50.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.256 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

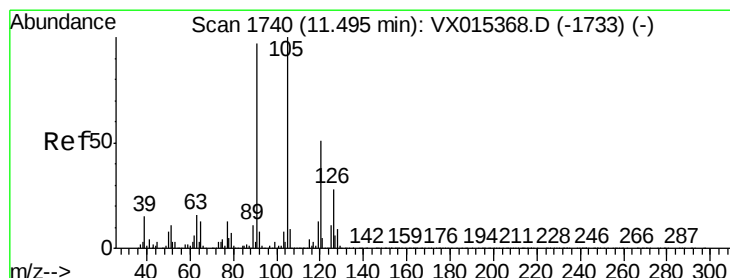
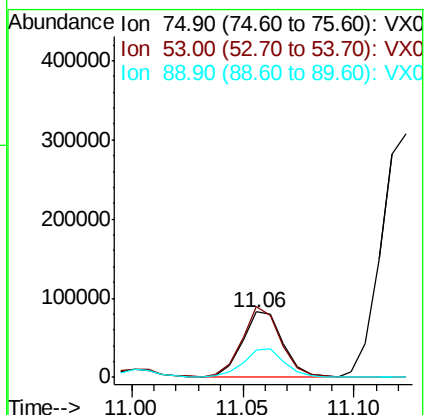
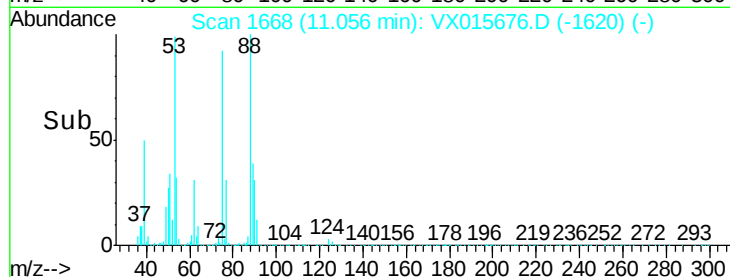
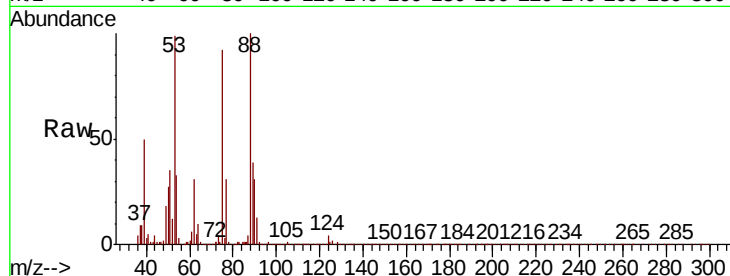
Tot Ion: 75 Resp: 103702

Ion Ratio Lower Upper

75 100

53 102.4 80.1 120.1

89 46.6 36.1 54.1



#82

4-Chlorotoluene

Concen: 18.752 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015676.D

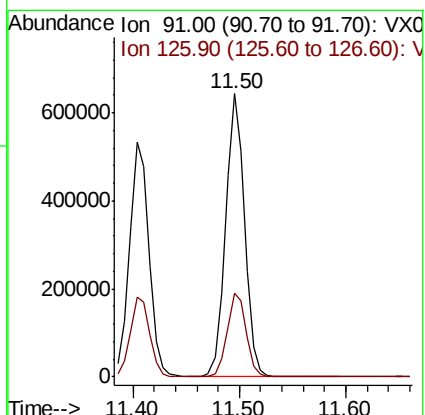
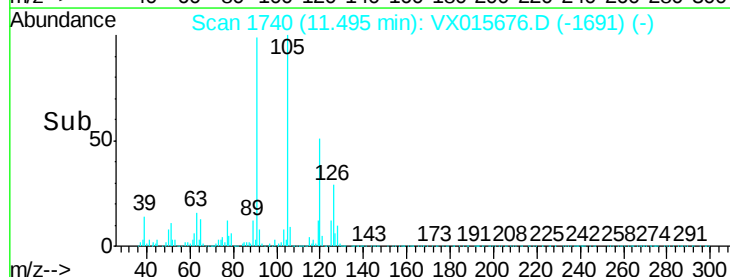
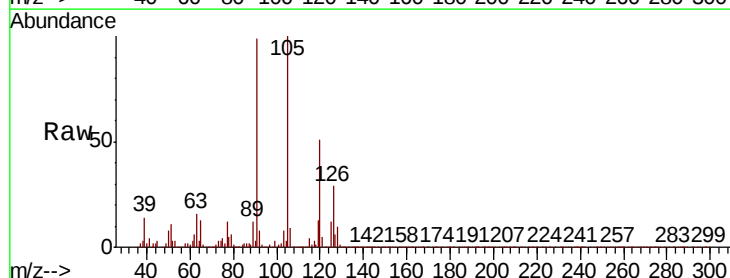
Acq: 15 Apr 2020 12:31

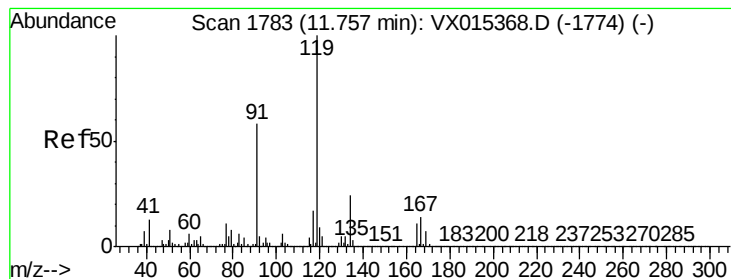
Tgt Ion: 91 Resp: 800655

Ion Ratio Lower Upper

91 100

126 29.8 14.7 44.1





#83

tert-Butylbenzene

Concen: 19.361 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

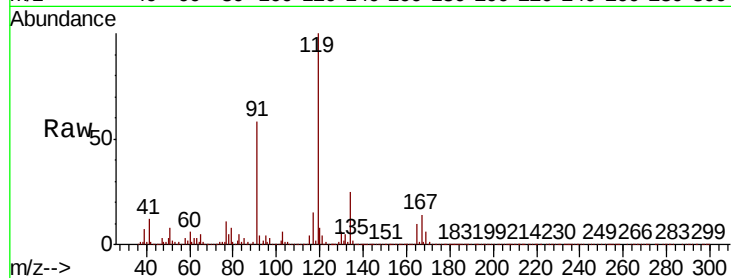
Tot Ion:119 Resp: 839348

Ion Ratio Lower Upper

119 100

91 57.2 28.6 85.8

134 23.2 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

800000

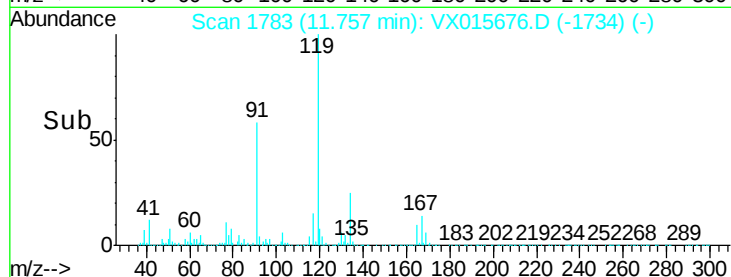
600000

400000

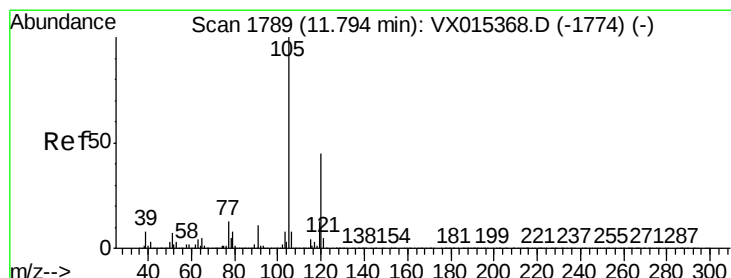
200000

0

11.70 11.75 11.80



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 19.391 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015676.D

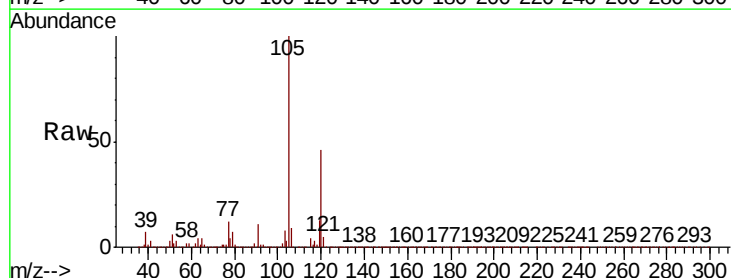
Acq: 15 Apr 2020 12:31

Tgt Ion:105 Resp: 877021

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

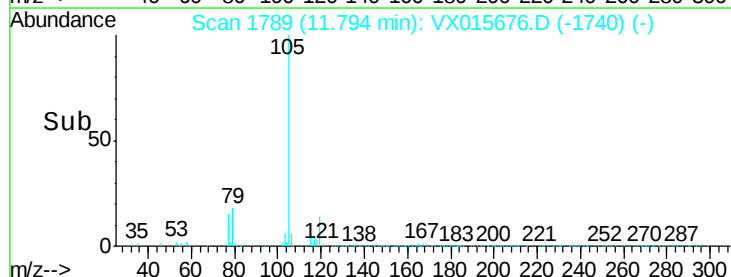
600000

400000

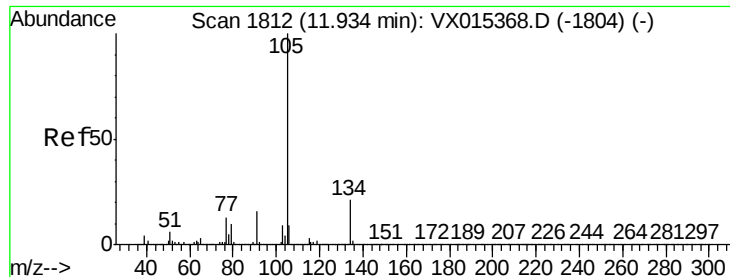
200000

0

11.70 11.80



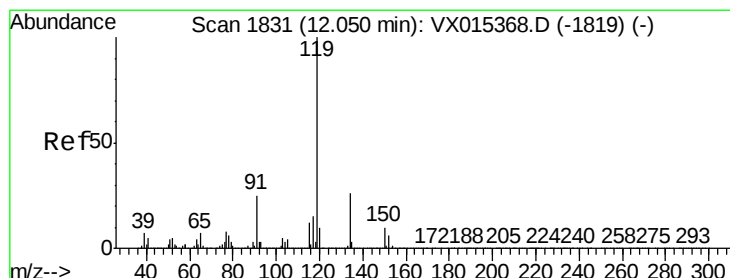
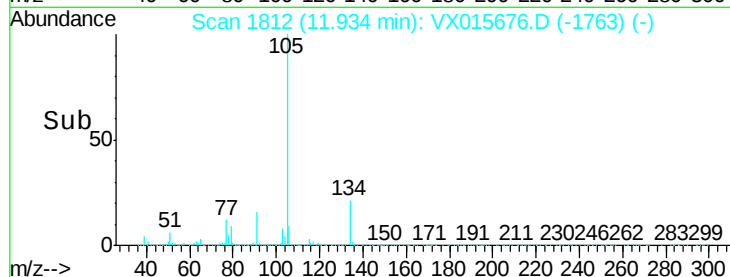
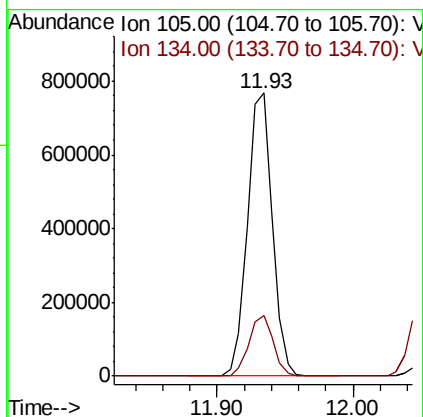
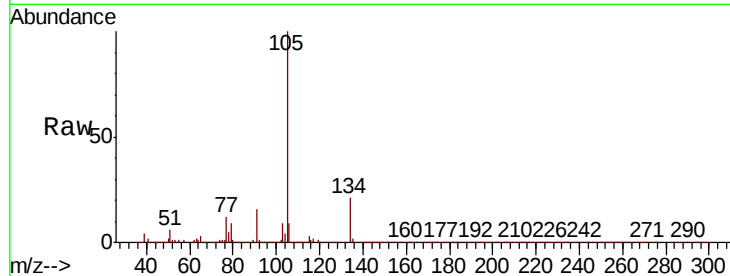
Time-->



#85  
 sec-Butylbenzene  
 Concen: 19.600 ug/l  
 RT: 11.93 min Scan# 1812  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

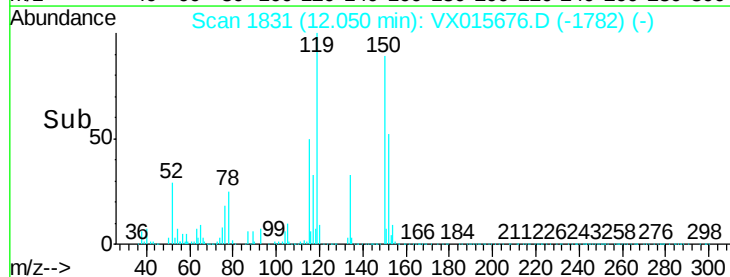
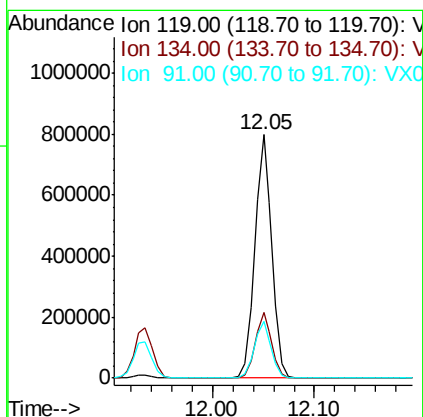
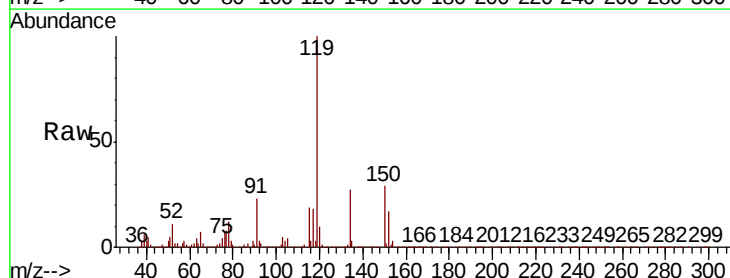
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

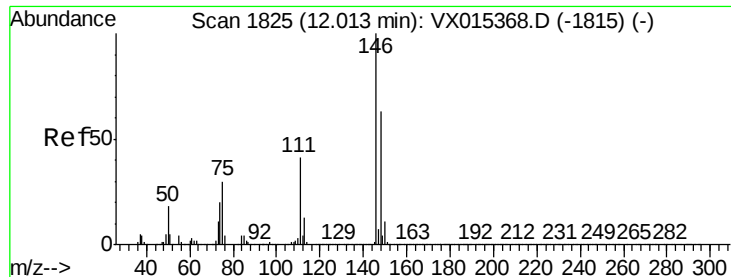
Tot Ion:105 Resp: 982708  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 20.022 ug/l  
 RT: 12.05 min Scan# 1831  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

Tgt Ion:119 Resp: 931925  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.1 39.3  
 91 23.1 12.4 37.4

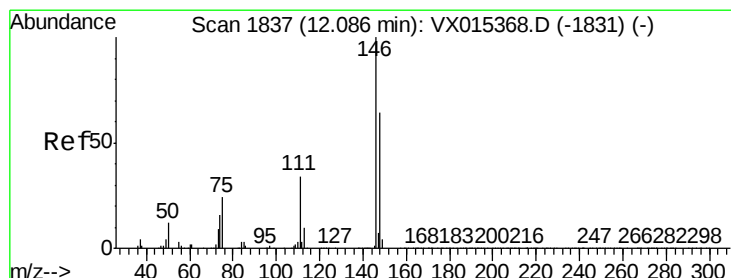
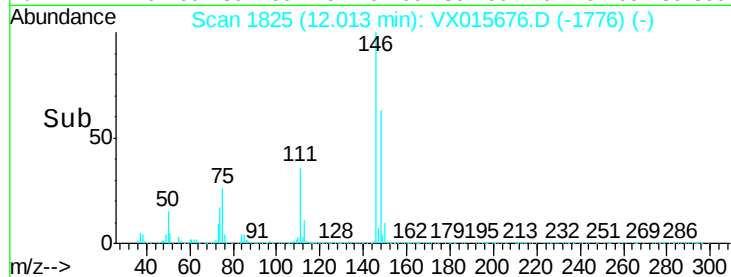
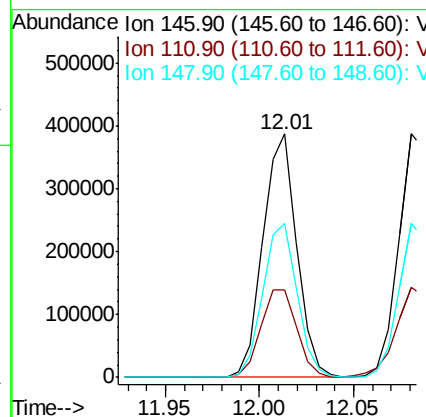
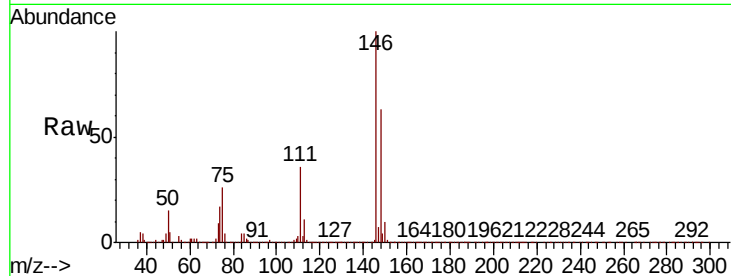




#87  
 1,3-Dichlorobenzene  
 Concen: 19.379 ug/l  
 RT: 12.01 min Scan# 1825  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

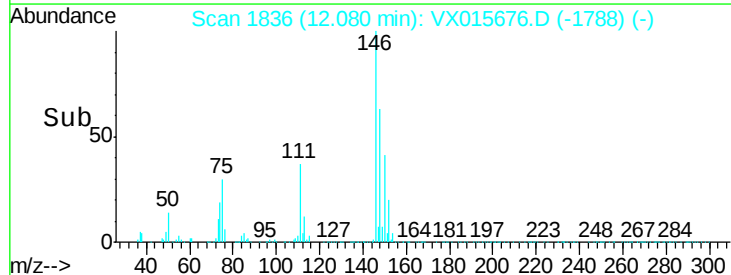
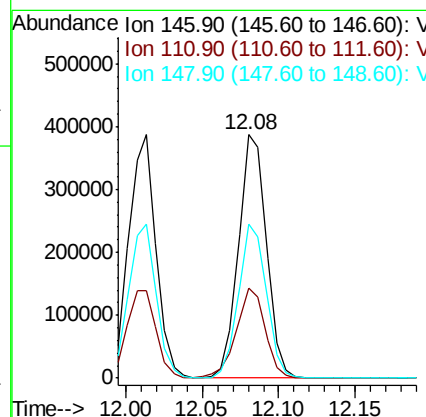
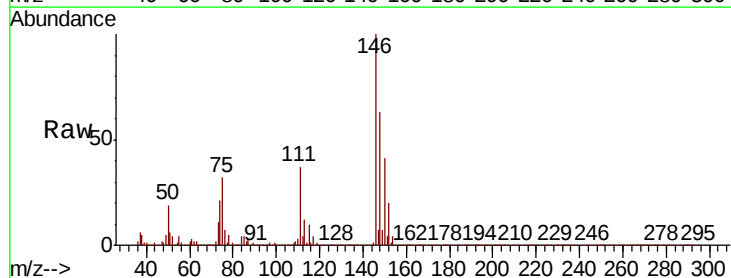
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

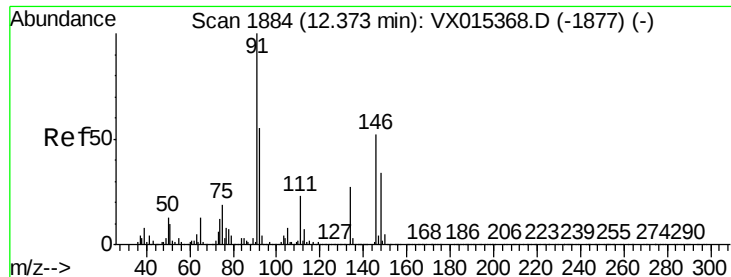
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 20.3  | 60.9  |
| 148     | 64.5  | 31.3  | 93.9  |



#88  
 1,4-Dichlorobenzene  
 Concen: 19.367 ug/l  
 RT: 12.08 min Scan# 1836  
 Delta R.T. -0.01 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 19.1  | 57.5  |
| 148     | 62.9  | 32.4  | 97.2  |





#89

n-Butylbenzene

Concen: 19.335 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015676.D

Acq: 15 Apr 2020 12:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0415WBS01

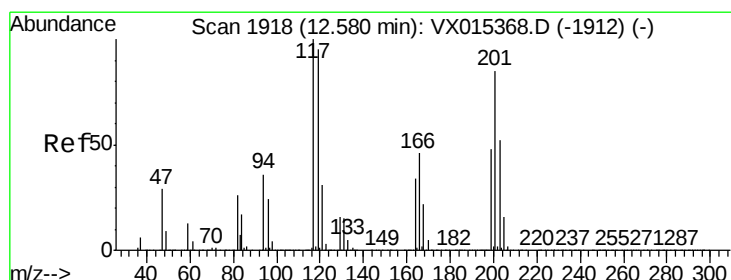
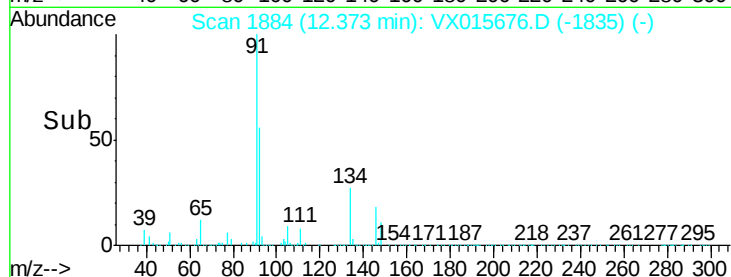
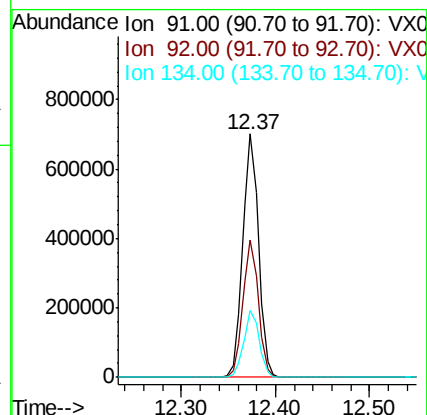
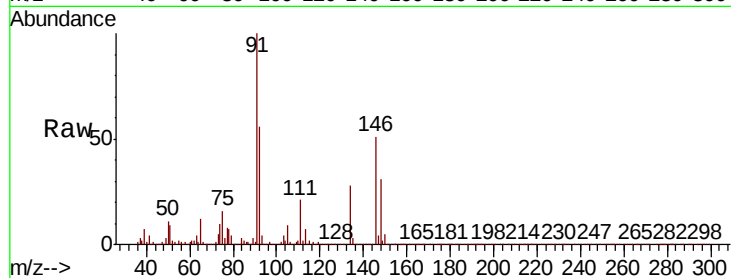
Tot Ion: 91 Resp: 813256

Ion Ratio Lower Upper

91 100

92 55.0 27.2 81.5

134 27.1 13.4 40.2



#90

Hexachloroethane

Concen: 17.163 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015676.D

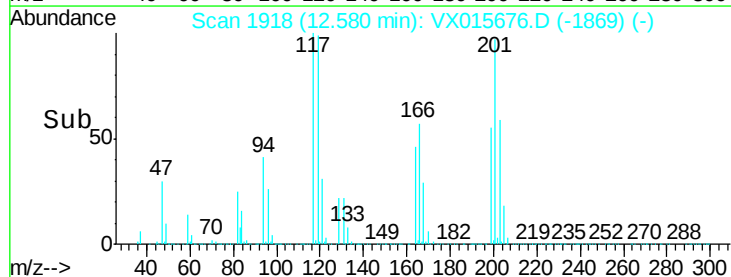
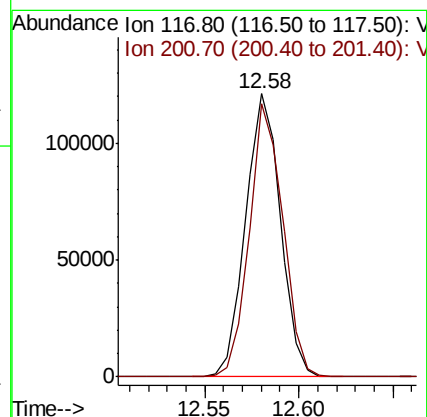
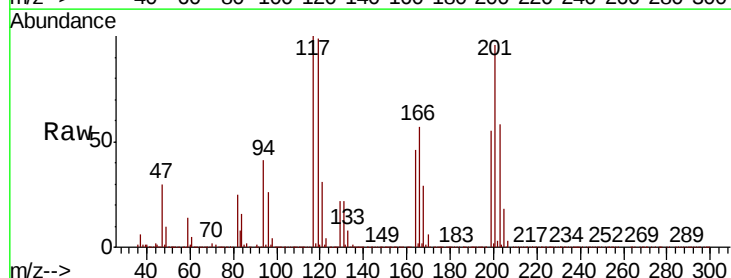
Acq: 15 Apr 2020 12:31

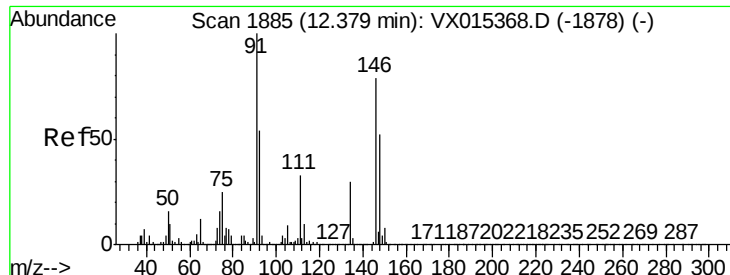
Tgt Ion: 117 Resp: 155489

Ion Ratio Lower Upper

117 100

201 92.3 42.6 128.0

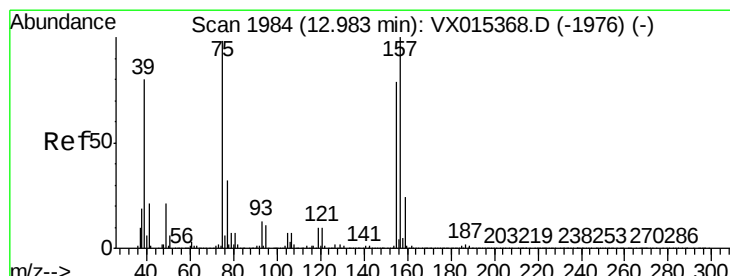
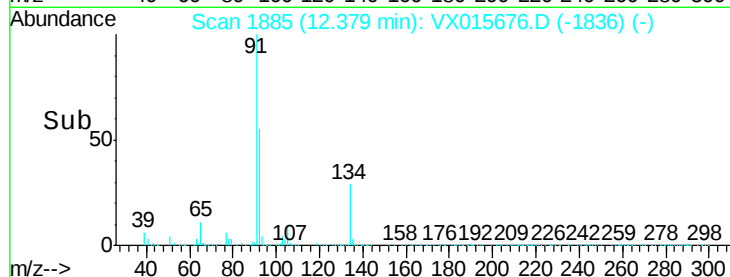
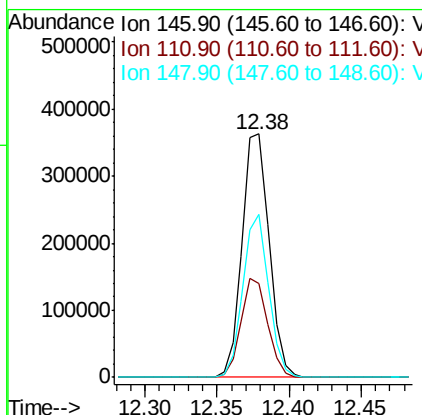
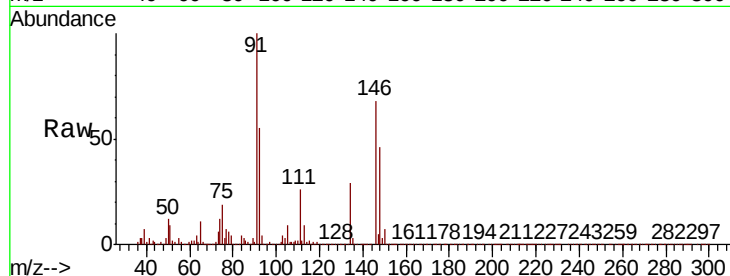




#91  
 1,2-Dichlorobenzene  
 Concen: 19.435 ug/l  
 RT: 12.38 min Scan# 1885  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

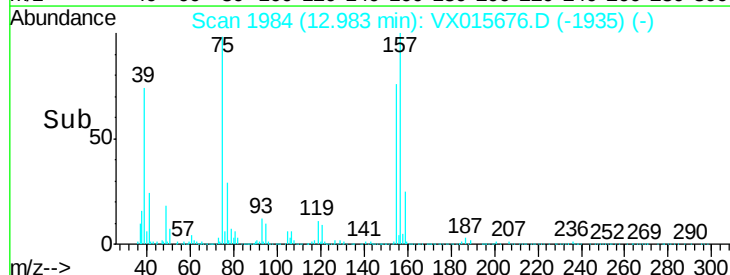
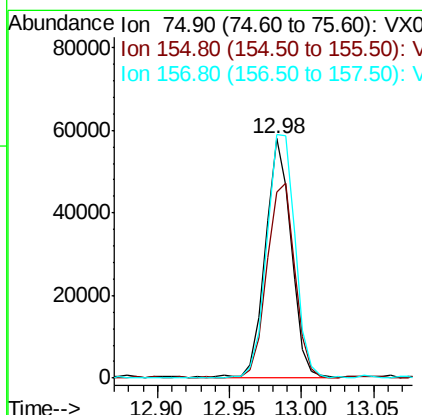
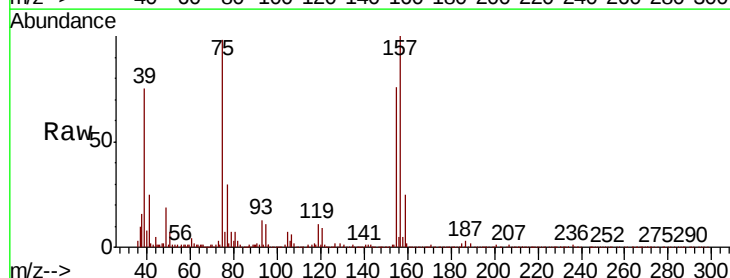
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

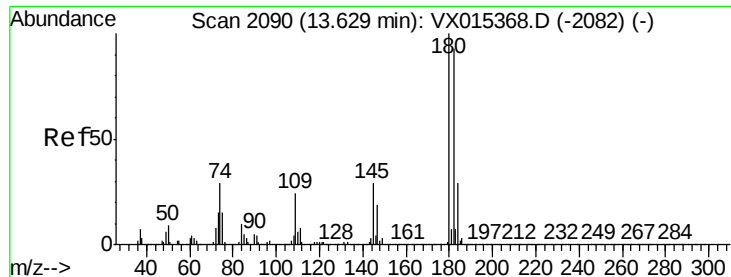
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.4  | 21.0  | 63.0  |
| 148     | 63.6  | 32.4  | 97.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 14.071 ug/l  
 RT: 12.98 min Scan# 1984  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.5  | 42.8  | 128.4 |
| 157     | 113.0 | 53.4  | 160.3 |

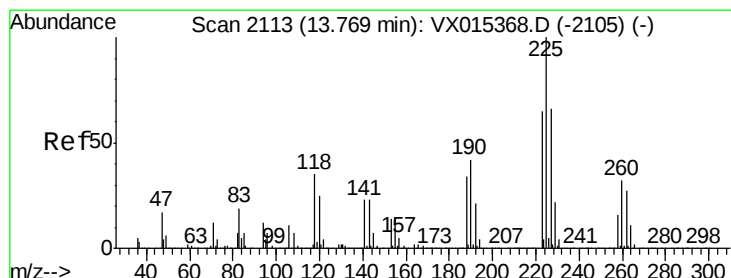
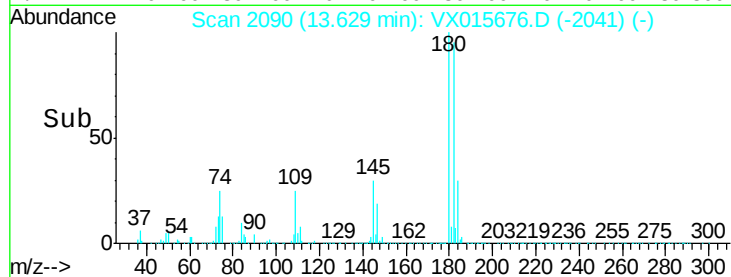
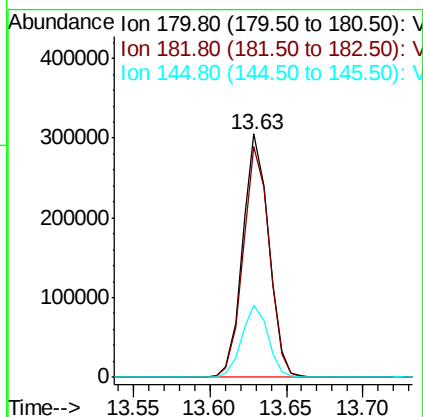
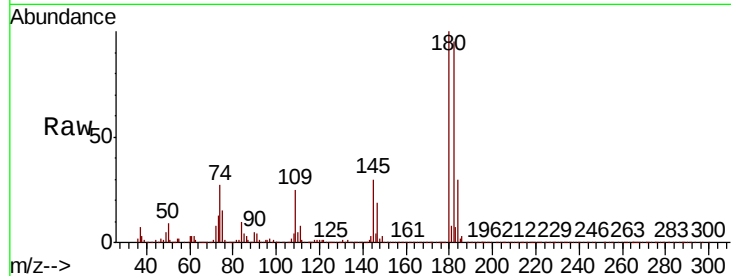




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.741 ug/l  
 RT: 13.63 min Scan# 2090  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

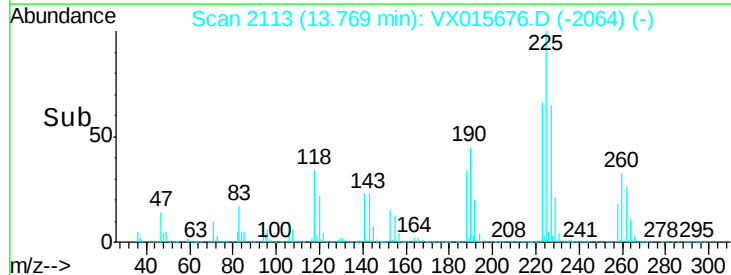
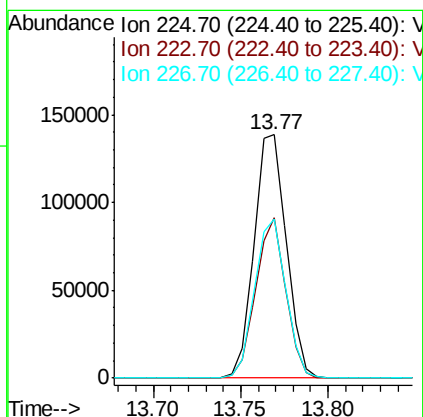
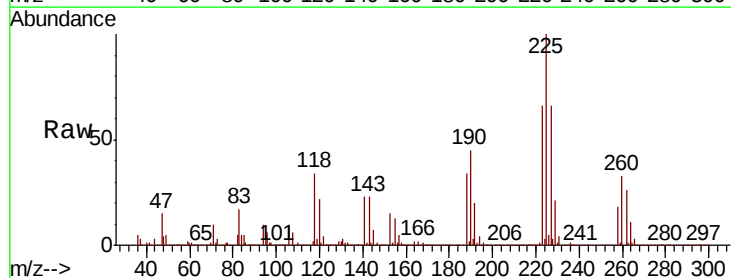
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 46.9  | 140.7 |
| 145     | 30.3  | 14.9  | 44.5  |



#94  
 Hexachlorobutadiene  
 Concen: 19.445 ug/l  
 RT: 13.77 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VX015676.D  
 Acq: 15 Apr 2020 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.2  | 31.9  | 95.7  |
| 227     | 63.9  | 30.4  | 91.3  |

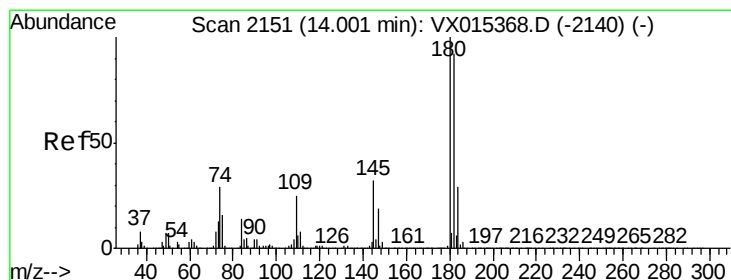
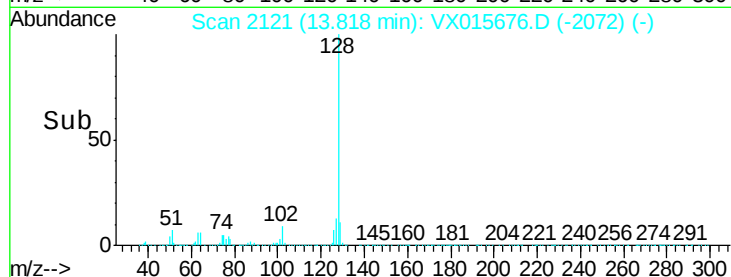
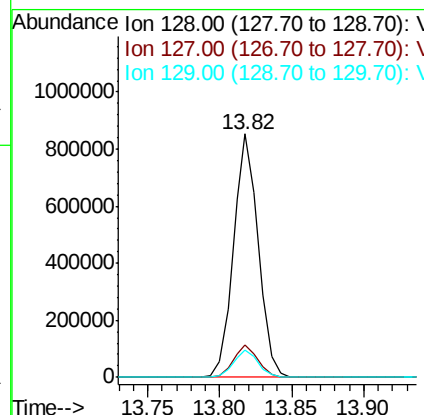
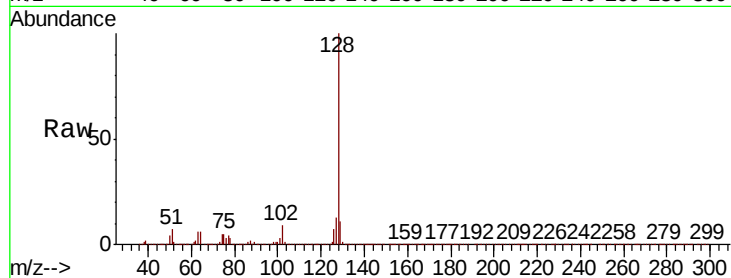




#95  
Naphthalene  
Concen: 17.546 ug/l  
RT: 13.82 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0415WBS01

Tot Ion:128 Resp: 1028090  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 15.8  
129 11.2 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 19.447 ug/l  
RT: 14.00 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: VX015676.D  
Acq: 15 Apr 2020 12:31

Tgt Ion:180 Resp: 359659  
Ion Ratio Lower Upper  
180 100  
182 94.2 46.7 140.0  
145 31.0 15.8 47.3

