

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX040718\  
 Data File : VX000715.D  
 Acq On : 07 Apr 2018 13:58  
 Operator : JC/MD  
 Sample : IBLK01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK01

Quant Time: Apr 07 16:40:03 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X040718W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 07 16:39:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.68  | 168  | 916      | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 1046     | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 803      | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 1117     | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |        |         |       |
|-----------------------------|--------|-----|----------|--------|---------|-------|
| System Monitoring Compounds |        |     |          |        |         |       |
| 33) 1,2-Dichloroethane-d4   | 6.08   | 65  | 974      | 96.57  | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =      | 193.14% |       |
| 35) Dibromofluoromethane    | 5.49   | 113 | 120      | 17.56  | ug/l    | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 35.12%  |       |
| 50) Toluene-d8              | 8.72   | 98  | 1299     | 51.79  | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =      | 103.58% |       |
| 62) 4-Bromofluorobenzene    | 11.15  | 95  | 1203     | 118.29 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =      | 236.58% |       |

| Target Compounds              |      |     |      |        |        | Qvalue |
|-------------------------------|------|-----|------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 559  | 68.03  | ug/l # | 42     |
| 3) Chloromethane              | 1.32 | 50  | 475  | 70.30  | ug/l   | 93     |
| 4) Vinyl Chloride             | 1.40 | 62  | 442  | 62.62  | ug/l # | 86     |
| 5) Bromomethane               | 1.66 | 94  | 461  | 118.15 | ug/l   | 94     |
| 6) Chloroethane               | 1.73 | 64  | 322  | 74.70  | ug/l # | 69     |
| 7) Trichlorofluoromethane     | 1.94 | 101 | 350  | 30.29  | ug/l # | 64     |
| 8) Diethyl Ether              | 2.18 | 74  | 275  | 63.85  | ug/l   | 68     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 266  | 39.29  | ug/l # | 71     |
| 10) Methyl Iodide             | 2.52 | 142 | 1361 | 184.13 | ug/l   | 95     |
| 11) Tert butyl alcohol        | 3.06 | 59  | 610  | 323.41 | ug/l # | 38     |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 473  | 77.62  | ug/l # | 83     |
| 13) Acrolein                  | 2.29 | 56  | 459  | 629.82 | ug/l # | 48     |
| 14) Allyl chloride            | 2.72 | 41  | 406  | 33.35  | ug/l # | 1      |
| 15) Acrylonitrile             | 3.15 | 53  | 1826 | 483.93 | ug/l # | 87     |
| 16) Acetone                   | 2.45 | 43  | 969  | 305.93 | ug/l   | 91     |
| 17) Carbon Disulfide          | 2.57 | 76  | 5282 | 364.69 | ug/l   | 98     |
| 18) Methyl Acetate            | 2.79 | 43  | 507  | 50.29  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 212  | 9.00   | ug/l # | 1      |
| 20) Methylene Chloride        | 2.87 | 84  | 3123 | 448.62 | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 1337 | 204.71 | ug/l # | 78     |
| 22) Diisopropyl ether         | 3.87 | 45  | 55   | 2.20   | ug/l # | 49     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1871 | 85.93  | ug/l # | 82     |
| 24) 1,1-Dichloroethane        | 3.71 | 63  | 545  | 41.80  | ug/l # | 84     |
| 25) 2-Butanone                | 4.72 | 43  | 256  | 43.87  | ug/l # | 90     |
| 26) 2,2-Dichloropropane       | 4.70 | 77  | 278  | 21.46  | ug/l   | 91     |
| 27) cis-1,2-Dichloroethene    | 4.78 | 96  | 101  | 12.04  | ug/l   | 22     |
| 28) Bromochloromethane        | 5.03 | 49  | 371  | 64.47  | ug/l # | 87     |
| 29) Tetrahydrofuran           | 5.18 | 42  | 993  | 266.73 | ug/l # | 82     |
| 30) Chloroform                | 5.23 | 83  | 286  | 20.41  | ug/l # | 71     |
| 31) Cyclohexane               | 5.58 | 56  | 93   | 8.54   | ug/l # | 17     |
| 32) 1,1,1-Trichloroethane     | 5.52 | 97  | 127  | 9.51   | ug/l # | 6      |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 610  | 73.62  | ug/l # | 57     |
| 37) Ethyl Acetate             | 4.89 | 43  | 194  | 20.62  | ug/l # | 48     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 168  | 16.70  | ug/l # | 12     |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK01

Quant Time: Apr 07 16:40:03 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X040718W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 07 16:39:08 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 460      | 48.31  | ug/l # | 69       |
| 40) Benzene                    | 6.17  | 78   | 1097     | 45.41  | ug/l   | 94       |
| 41) Methacrylonitrile          | 5.06  | 41   | 256      | 46.20  | ug/l # | 31       |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 321      | 33.37  | ug/l # | 1        |
| 43) Isopropyl Acetate          | 6.48  | 43   | 400      | 24.21  | ug/l # | 80       |
| 44) Trichloroethene            | 7.23  | 130  | 522      | 70.24  | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 127      | 19.50  | ug/l # | 8        |
| 46) Dibromomethane             | 7.67  | 93   | 594      | 133.04 | ug/l # | 54       |
| 47) Bromodichloromethane       | 7.92  | 83   | 337      | 35.77  | ug/l # | 61       |
| 48) Methyl methacrylate        | 7.80  | 41   | 516      | 60.85  | ug/l # | 81       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 167      | 971.74 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone       | 8.53  | 43   | 133      | 13.54  | ug/l   | 94       |
| 52) Toluene                    | 8.79  | 92   | 644      | 39.91  | ug/l   | 77       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 620      | 55.41  | ug/l # | 77       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 934      | 82.93  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 54       | 8.10   | ug/l # | 62       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 184      | 16.97  | ug/l # | 33       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 446      | 41.60  | ug/l # | 56       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 798      | 173.78 | ug/l   | 93       |
| 59) 2-Hexanone                 | 9.60  | 43   | 314      | 41.56  | ug/l   | 72       |
| 60) Dibromochloromethane       | 9.59  | 129  | 245      | 29.23  | ug/l   | 87       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 562      | 79.20  | ug/l   | 95       |
| 64) Tetrachloroethene          | 9.34  | 164  | 412      | 68.43  | ug/l   | 85       |
| 65) Chlorobenzene              | 10.14 | 112  | 1096     | 69.01  | ug/l # | 83       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 147      | 23.53  | ug/l   | 88       |
| 67) Ethyl Benzene              | 10.26 | 91   | 1049     | 39.34  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 1016     | 97.48  | ug/l   | 94       |
| 69) o-Xylene                   | 10.71 | 106  | 387      | 37.82  | ug/l   | 82       |
| 70) Styrene                    | 10.72 | 104  | 1056     | 60.37  | ug/l   | 92       |
| 71) Bromoform                  | 10.87 | 173  | 262      | 42.74  | ug/l # | 59       |
| 73) Isopropylbenzene           | 11.03 | 105  | 1238     | 19.01  | ug/l   | 97       |
| 74) N-amyl acetate             | 6.48  | 43   | 400      | 12.49  | ug/l # | 80       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.28 | 83   | 256      | 13.14  | ug/l # | 40       |
| 76) 1,2,3-Trichloropropane     | 11.32 | 75   | 621      | 32.94  | ug/l   | 95       |
| 77) Bromobenzene               | 11.26 | 156  | 523      | 28.04  | ug/l   | 91       |
| 78) n-propylbenzene            | 11.37 | 91   | 1860     | 25.13  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 1200     | 27.31  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 1439     | 25.68  | ug/l   | 83       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 270      | 37.29  | ug/l # | 78       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 1943     | 36.58  | ug/l   | 86       |
| 83) tert-Butylbenzene          | 11.78 | 119  | 1280     | 22.14  | ug/l   | 77       |
| 84) 1,2,4-Trimethylbenzene     | 11.82 | 105  | 1462     | 25.18  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 2109     | 31.12  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 1861     | 29.47  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 1579     | 45.56  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene        | 12.11 | 146  | 1849     | 52.39  | ug/l   | 93       |
| 89) n-Butylbenzene             | 12.39 | 91   | 2235     | 39.95  | ug/l   | 94       |
| 90) Hexachloroethane           | 12.60 | 117  | 197      | 17.05  | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 945      | 27.66  | ug/l   | 83       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75   | 192      | 36.71  | ug/l # | 55       |

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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

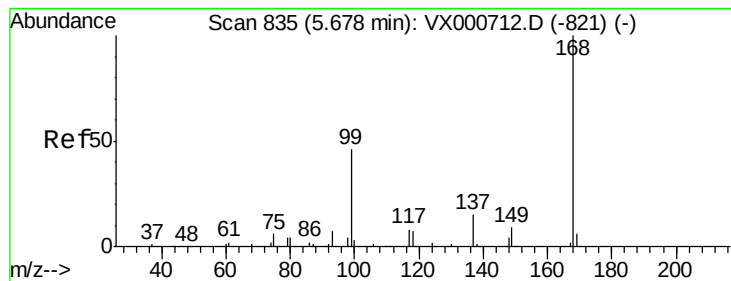
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK01

Quant Time: Apr 07 16:40:03 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X040718W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 07 16:39:08 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.66 | 180  | 2217     | 77.32 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 1373     | 97.59 | ug/l  | 95       |
| 95) Naphthalene            | 13.84 | 128  | 5411     | 69.55 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 14.03 | 180  | 2038     | 72.66 | ug/l  | 95       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

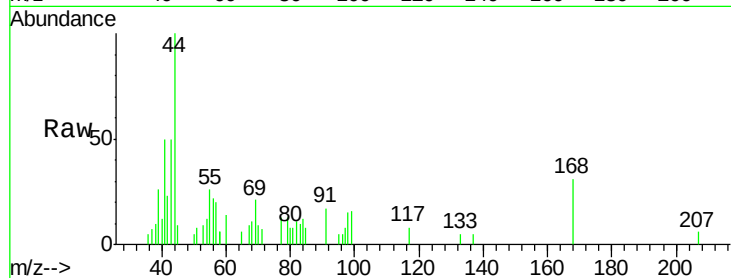
IBLK01

Tgt Ion:168 Resp: 916

Ion Ratio Lower Upper

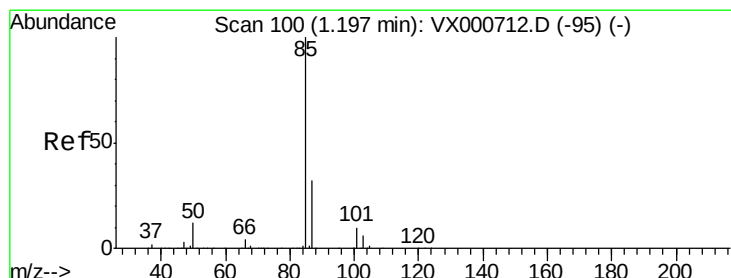
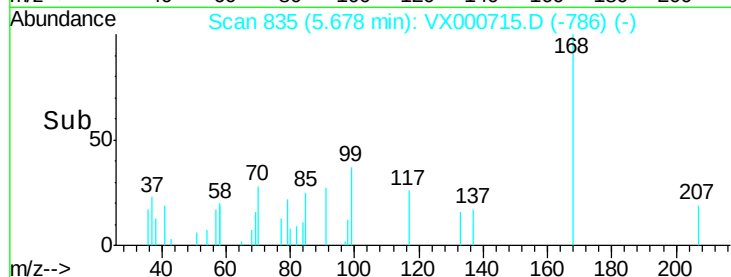
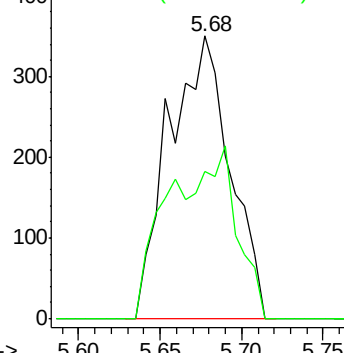
168 100

99 52.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 68.03 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX000715.D

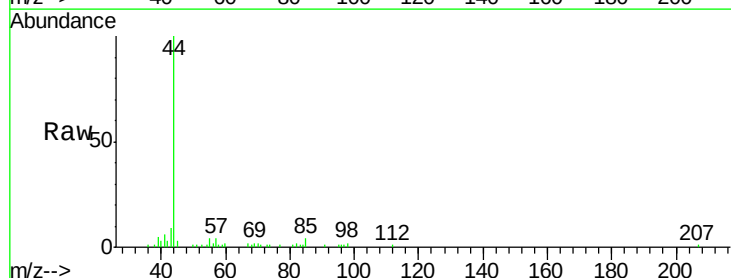
Acq: 07 Apr 2018 13:58

Tgt Ion: 85 Resp: 559

Ion Ratio Lower Upper

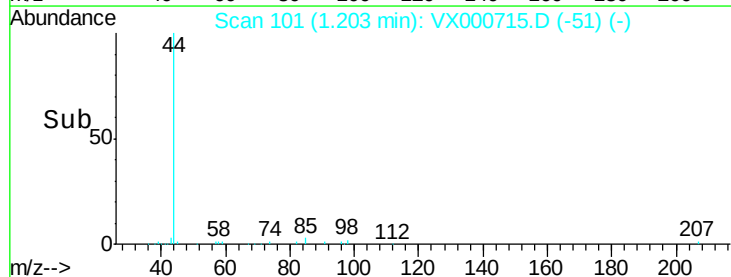
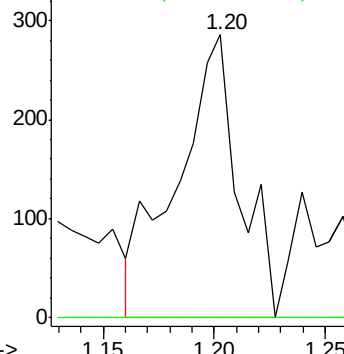
85 100

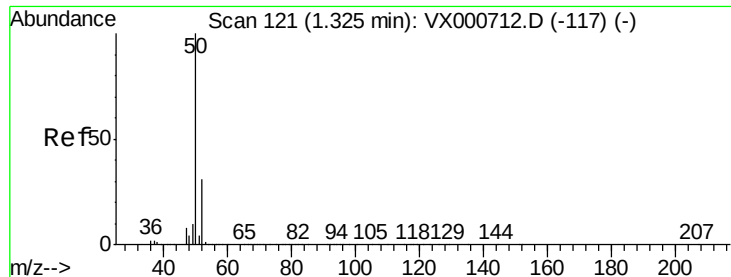
87 0.0 16.2 48.6#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 70.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

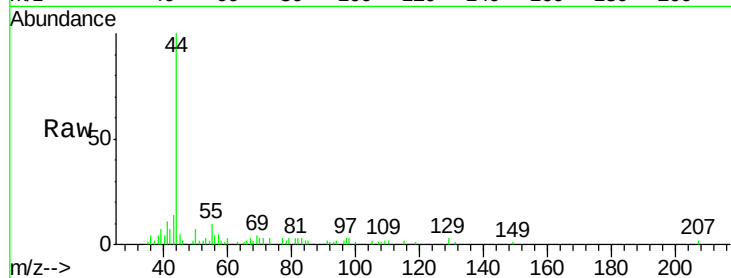
IBLK01

Tgt Ion: 50 Resp: 475

Ion Ratio Lower Upper

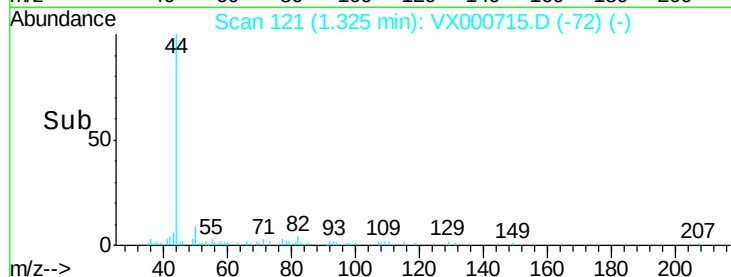
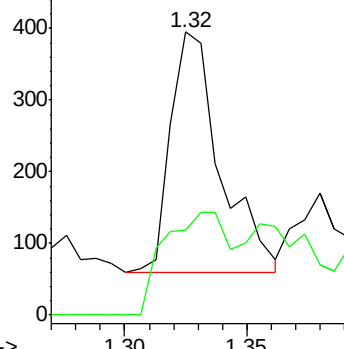
50 100

52 35.1 24.9 37.3

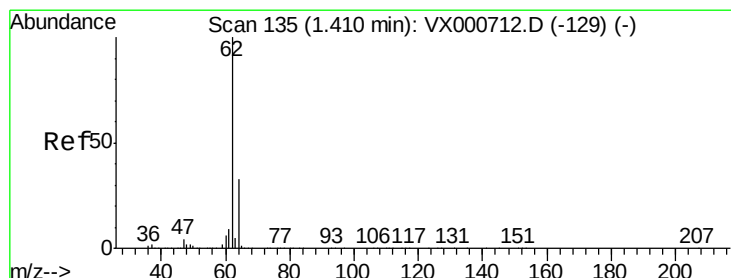


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 62.62 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000715.D

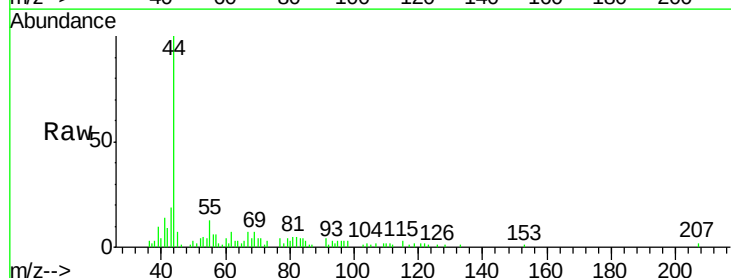
Acq: 07 Apr 2018 13:58

Tgt Ion: 62 Resp: 442

Ion Ratio Lower Upper

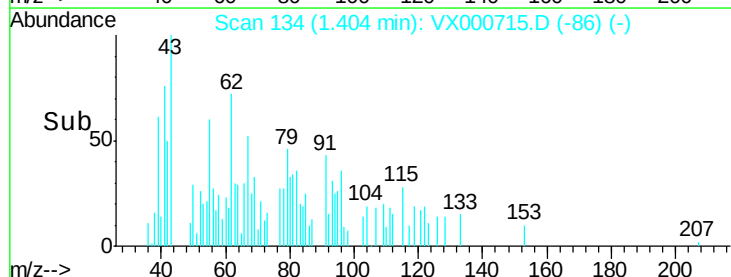
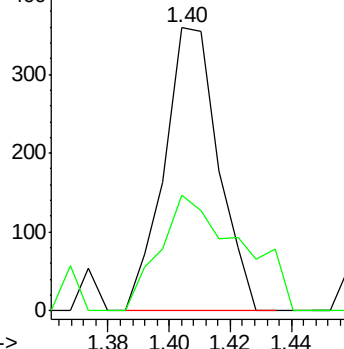
62 100

64 40.7 26.2 39.2#

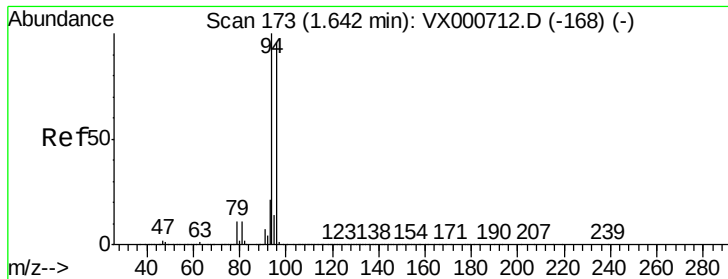


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->



#5

Bromomethane

Concen: 118.15 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

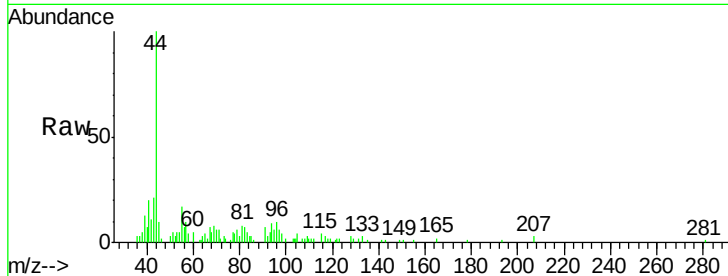
IBLK01

Tgt Ion: 94 Resp: 461

Ion Ratio Lower Upper

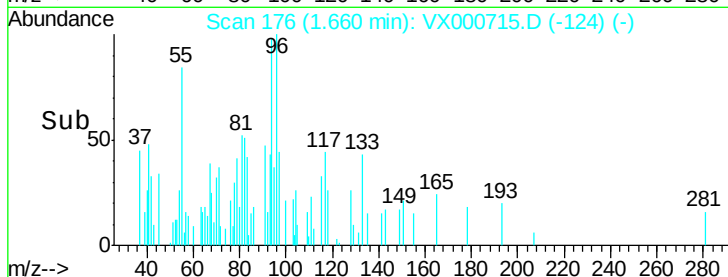
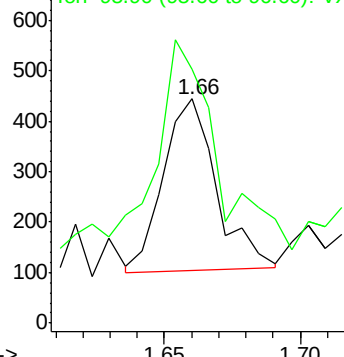
94 100

96 89.4 76.5 114.7

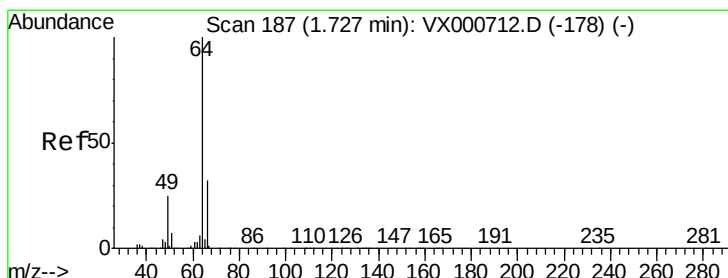


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 74.70 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000715.D

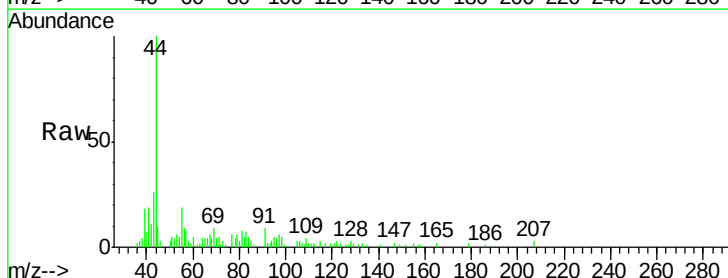
Acq: 07 Apr 2018 13:58

Tgt Ion: 64 Resp: 322

Ion Ratio Lower Upper

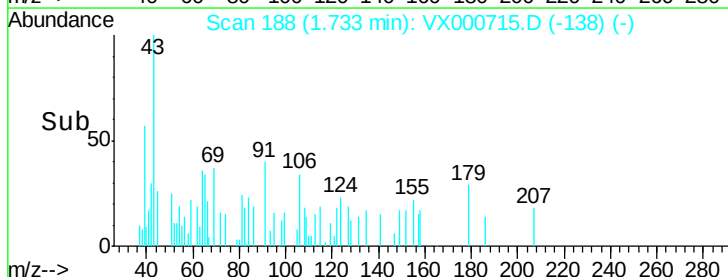
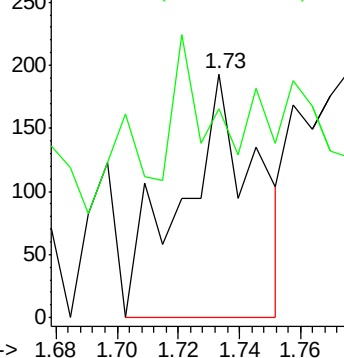
64 100

66 14.5 25.4 38.2#

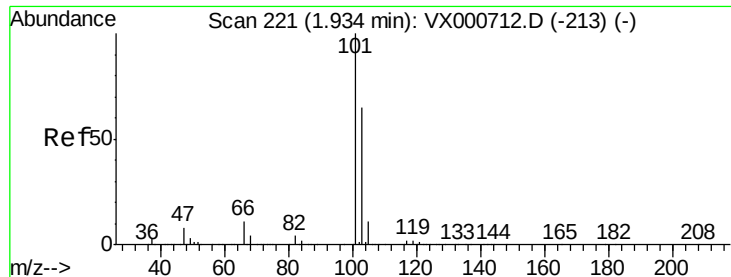


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

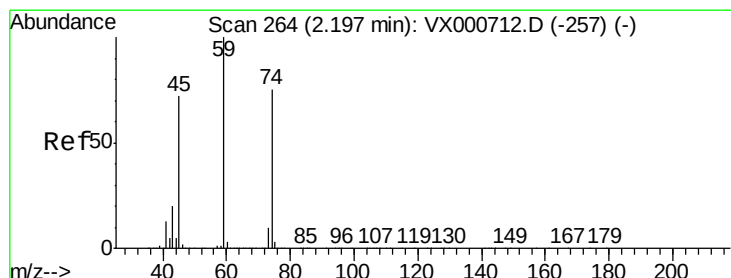
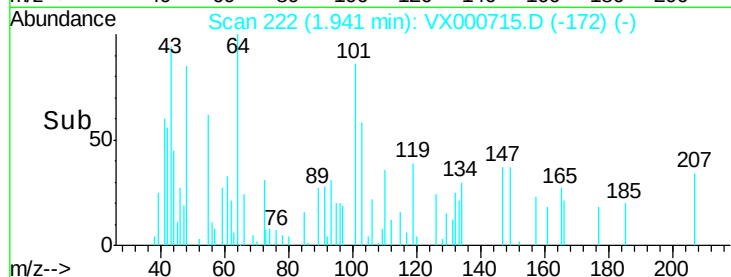
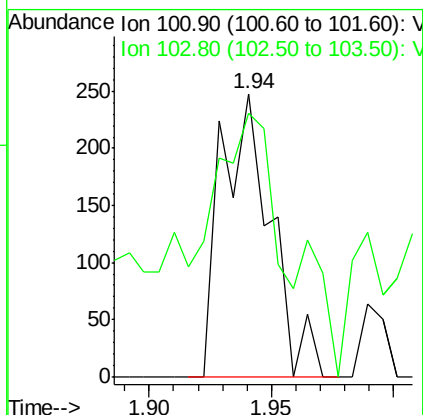
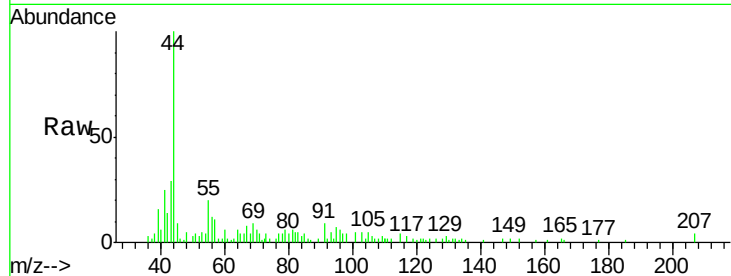


#7

Trichlorofluoromethane  
Concen: 30.29 ug/l  
RT: 1.94 min Scan# 222  
Delta R.T. 0.01 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Instrument :  
MSVOA\_X  
ClientSampled :  
IBLK01

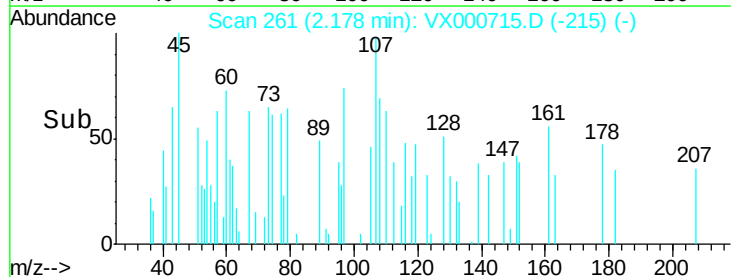
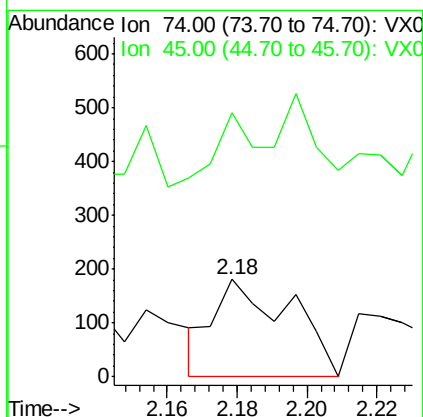
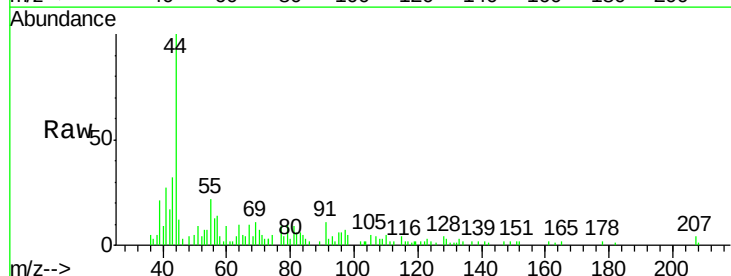
Tgt Ion:101 Resp: 350  
Ion Ratio Lower Upper  
101 100  
103 93.1 52.1 78.1#



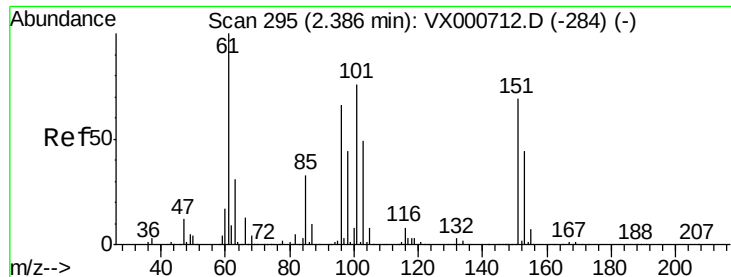
#8

Diethyl Ether  
Concen: 63.85 ug/l  
RT: 2.18 min Scan# 261  
Delta R.T. -0.02 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion: 74 Resp: 275  
Ion Ratio Lower Upper  
74 100  
45 65.1 48.4 145.3







#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

IBLK01

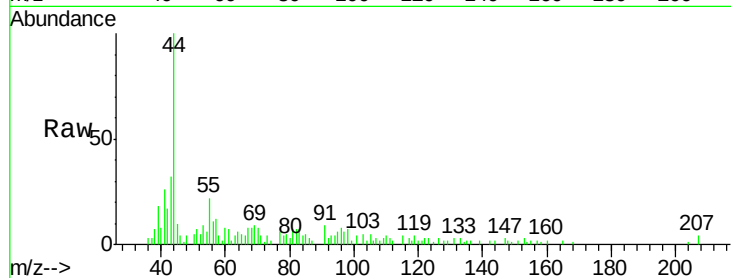
Tgt Ion:101 Resp: 266

Ion Ratio Lower Upper

101 100

85 78.6 34.3 51.5#

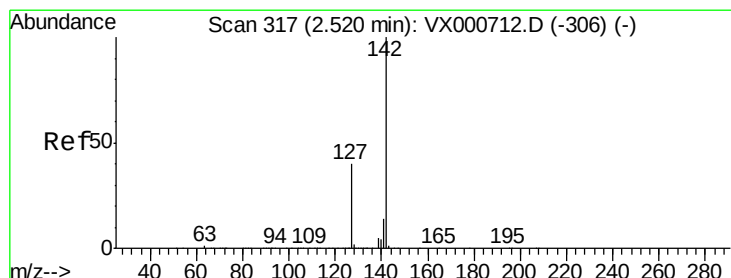
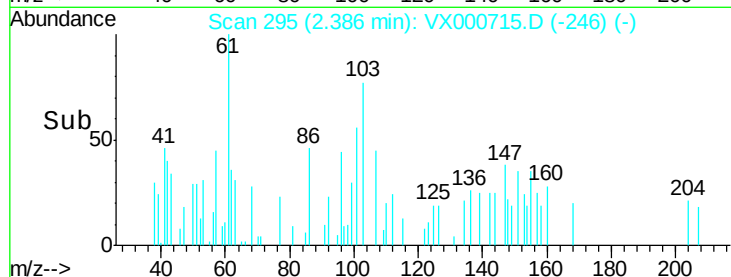
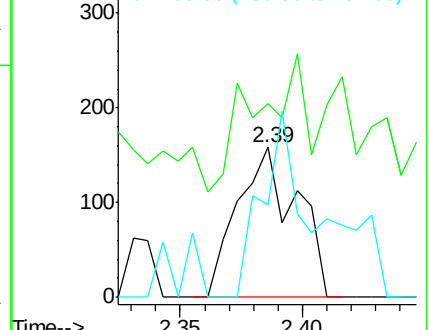
151 76.3 73.8 110.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 184.13 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

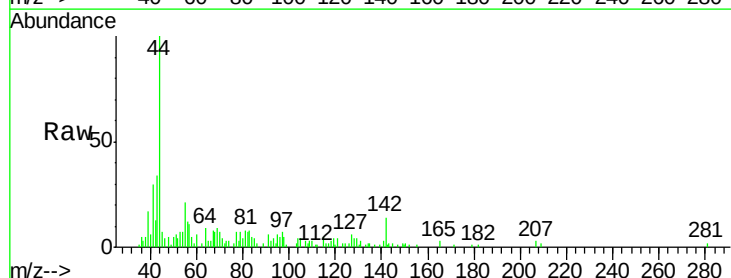
Tgt Ion:142 Resp: 1361

Ion Ratio Lower Upper

142 100

127 46.1 33.9 50.9

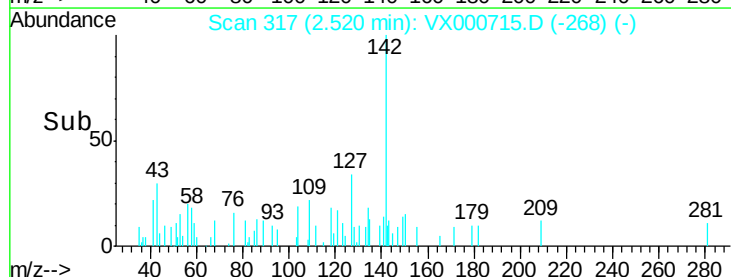
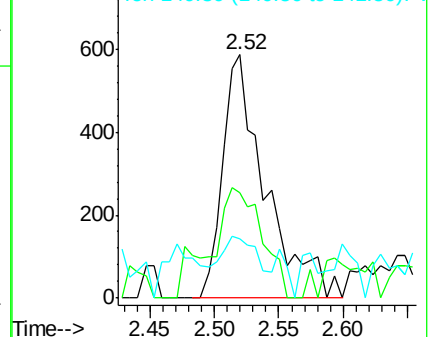
141 15.7 11.4 17.0

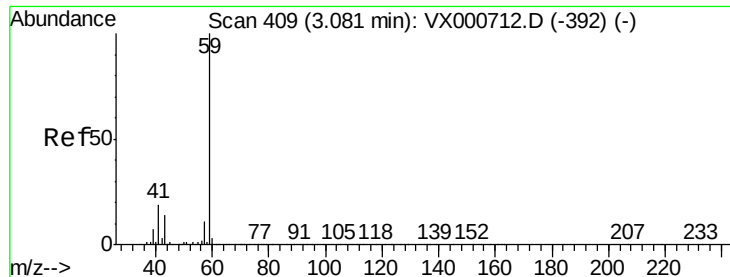


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



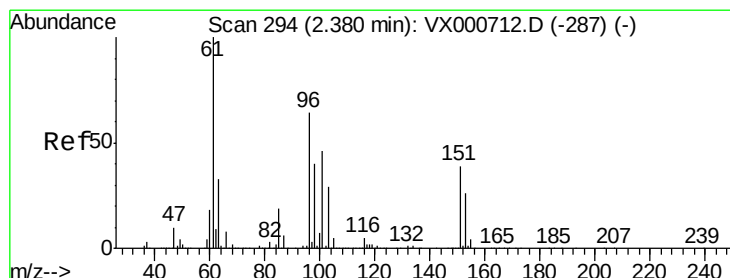
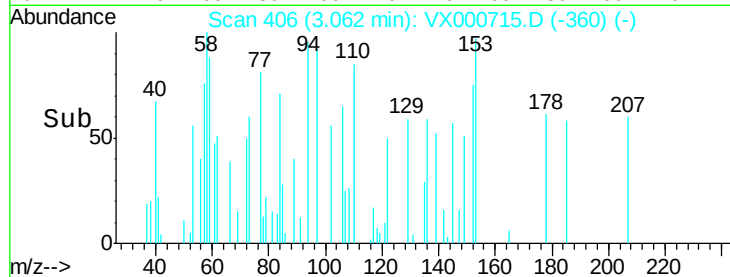
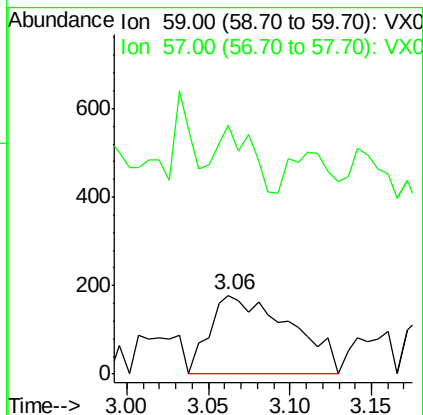
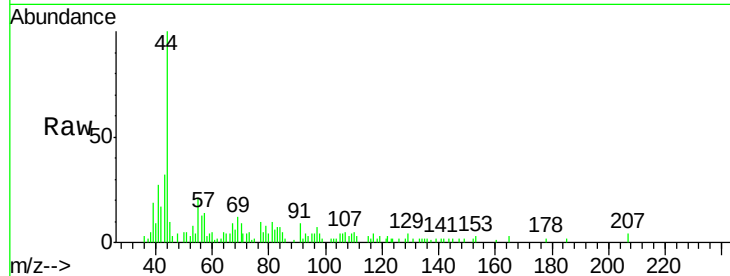


#11

Tert butyl alcohol  
Concen: 323.41 ug/l  
RT: 3.06 min Scan# 406  
Delta R.T. -0.02 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Instrument :  
MSVOA\_X  
ClientSampled :  
IBLK01

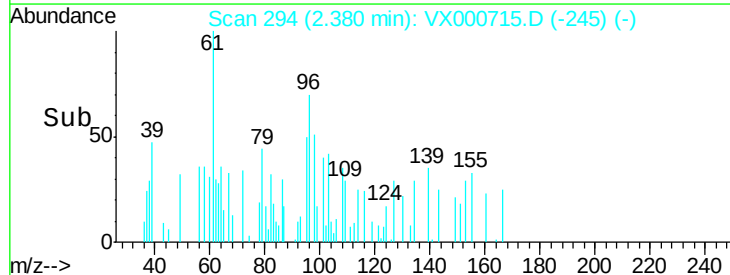
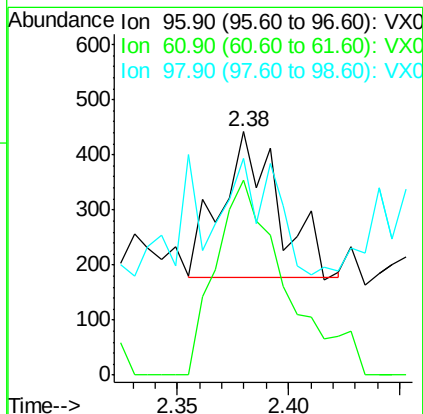
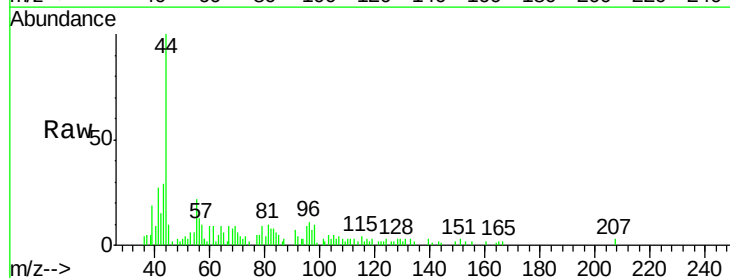
Tgt Ion: 59 Resp: 610  
Ion Ratio Lower Upper  
59 100  
57 33.8 8.4 12.6#

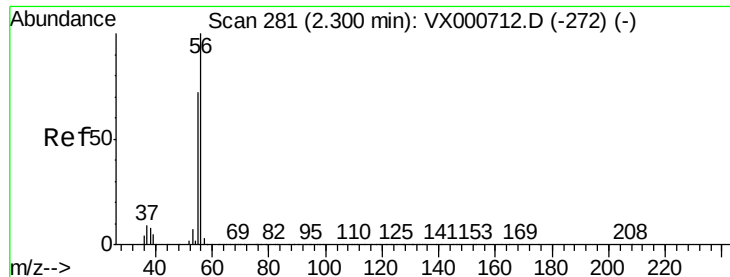


#12

1,1-Dichloroethene  
Concen: 77.62 ug/l  
RT: 2.38 min Scan# 294  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion: 96 Resp: 473  
Ion Ratio Lower Upper  
96 100  
61 135.5 125.0 187.4  
98 77.9 50.5 75.7#





#13

Acrolein

Concen: 629.82 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

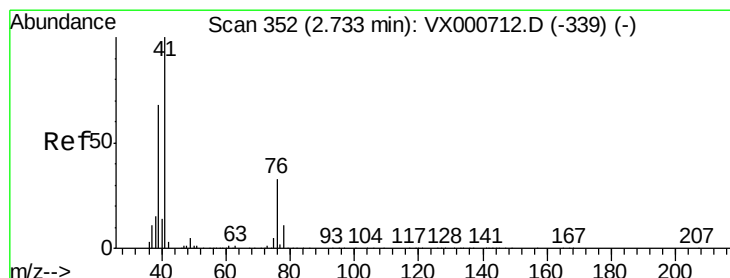
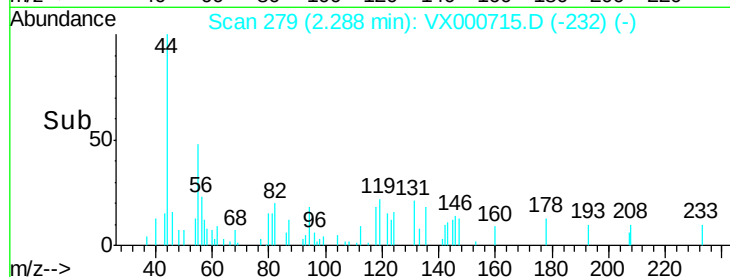
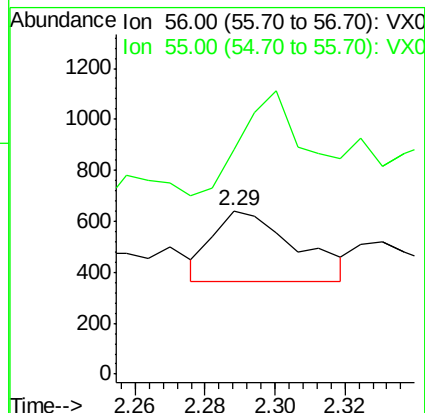
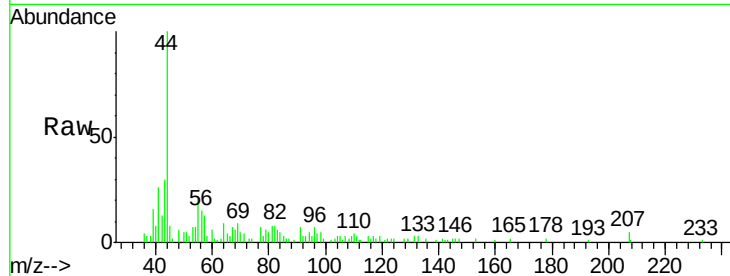
IBLK01

Tgt Ion: 56 Resp: 459

Ion Ratio Lower Upper

56 100

55 114.8 57.4 86.2#



#14

Allyl chloride

Concen: 33.35 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

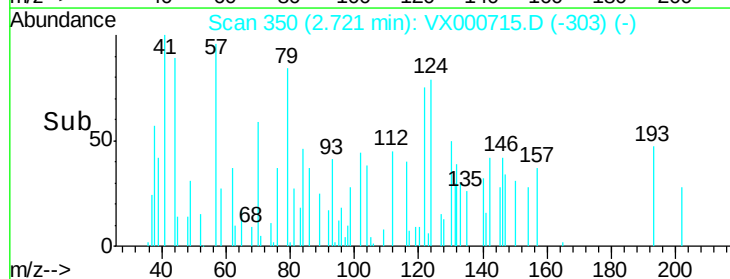
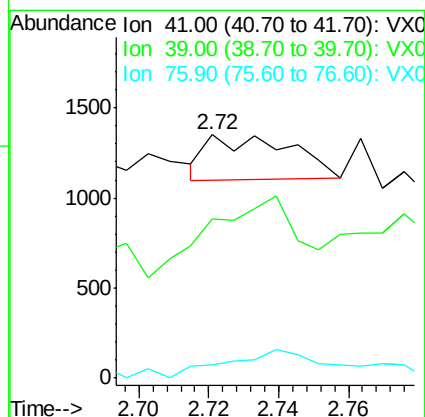
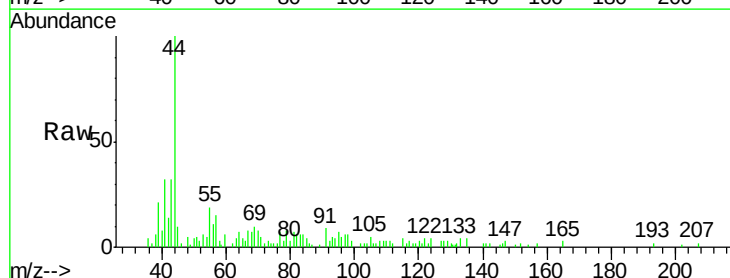
Tgt Ion: 41 Resp: 406

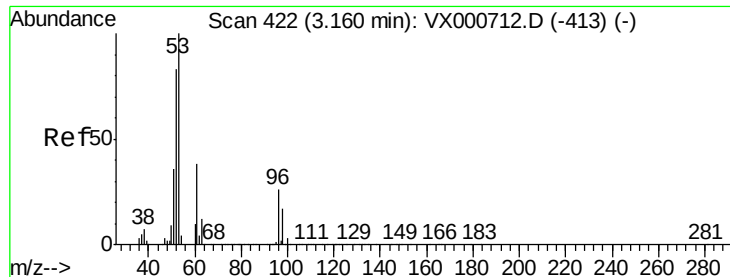
Ion Ratio Lower Upper

41 100

39 190.9 52.4 78.6#

76 95.1 25.9 38.9#





#15

Acrylonitrile

Concen: 483.93 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

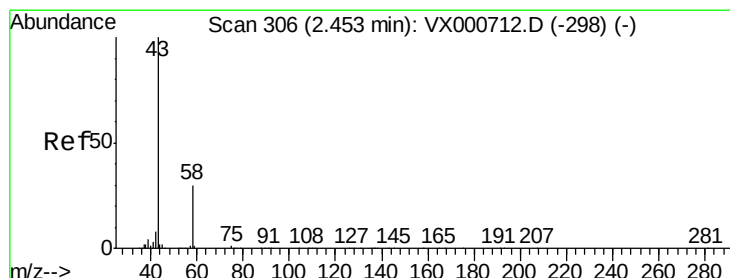
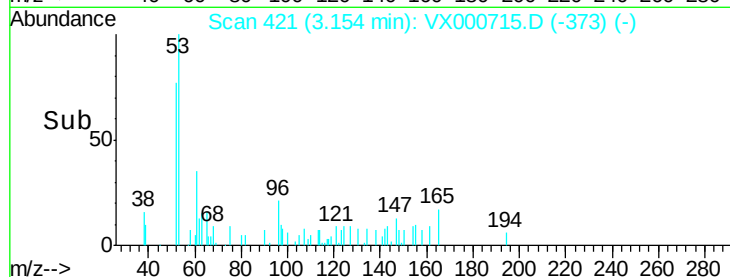
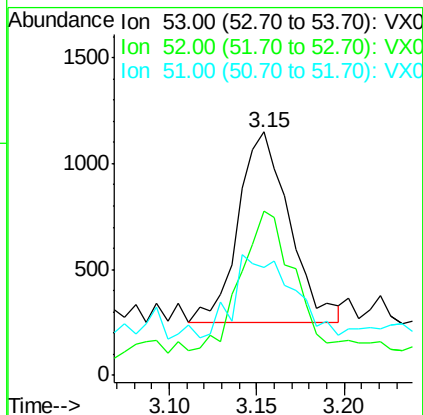
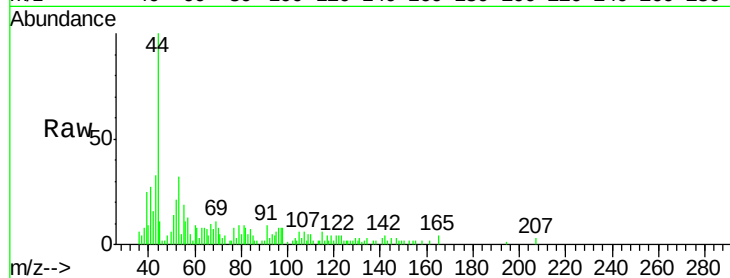
Tgt Ion: 53 Resp: 1826

Ion Ratio Lower Upper

53 100

52 74.5 66.1 99.1

51 48.5 29.1 43.7#



#16

Acetone

Concen: 305.93 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000715.D

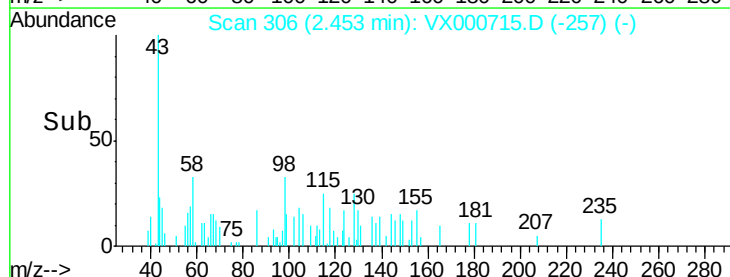
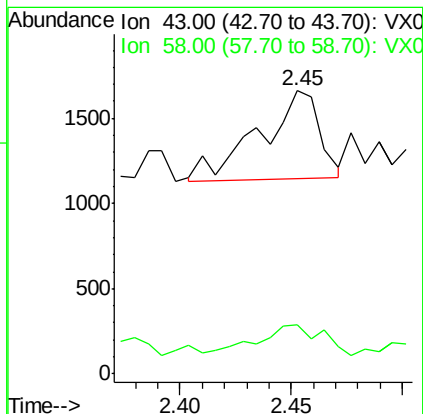
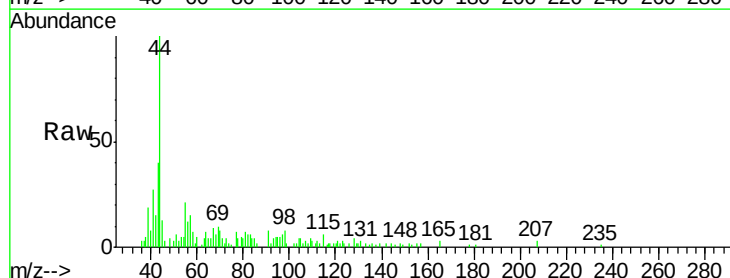
Acq: 07 Apr 2018 13:58

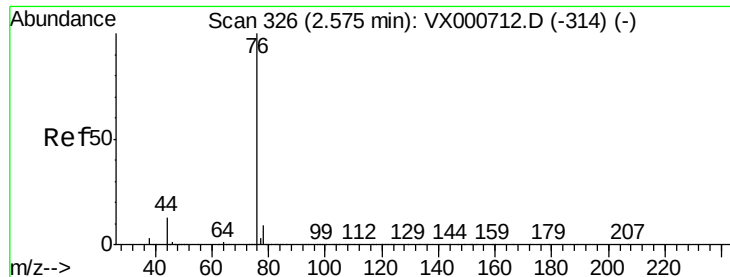
Tgt Ion: 43 Resp: 969

Ion Ratio Lower Upper

43 100

58 25.0 24.0 36.0





#17

Carbon Disulfide

Concen: 364.69 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

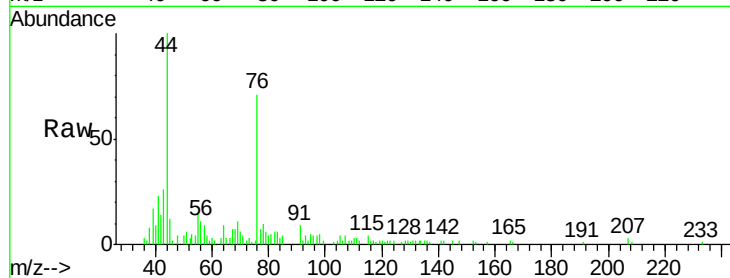
IBLK01

Tgt Ion: 76 Resp: 5282

Ion Ratio Lower Upper

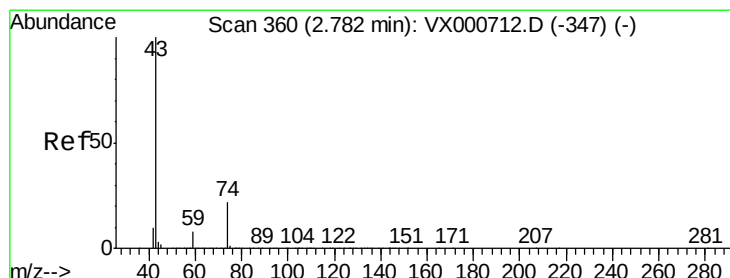
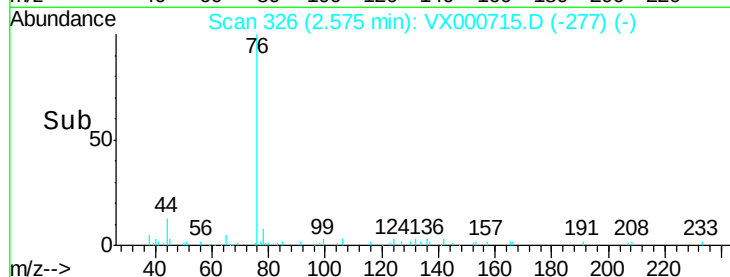
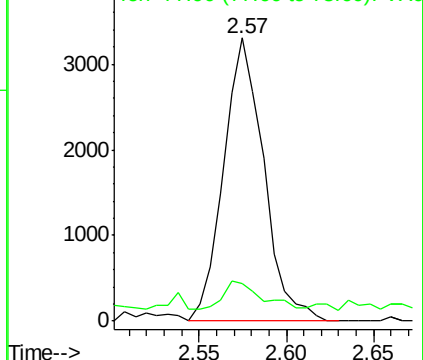
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.29 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000715.D

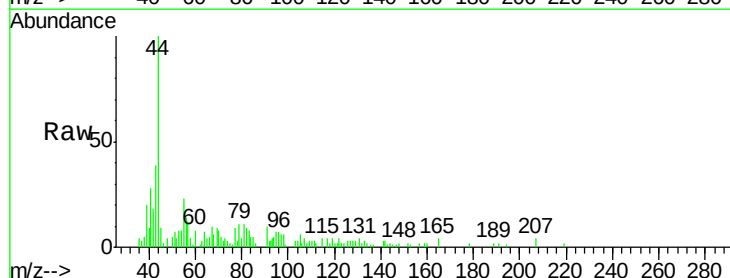
Acq: 07 Apr 2018 13:58

Tgt Ion: 43 Resp: 507

Ion Ratio Lower Upper

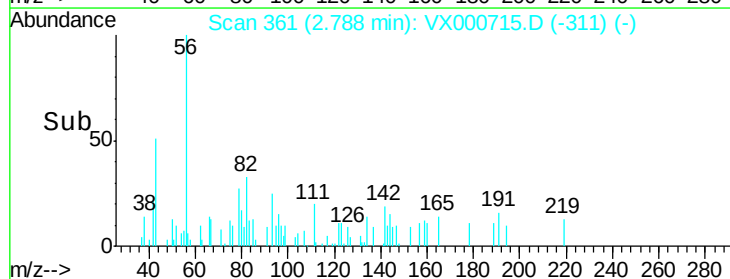
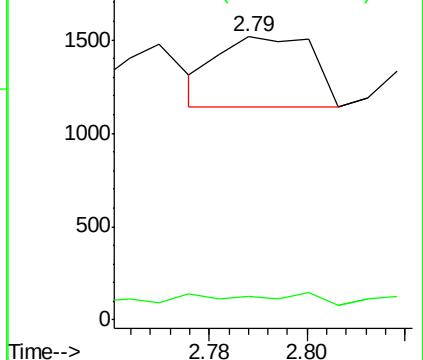
43 100

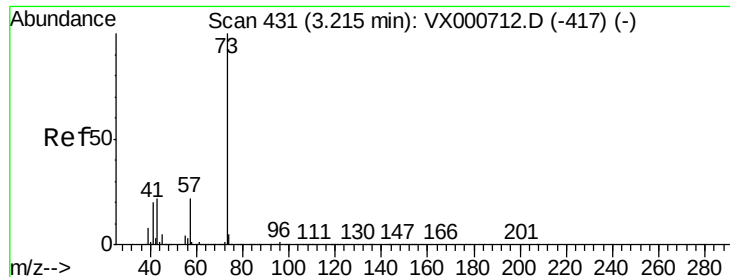
74 25.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 9.00 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

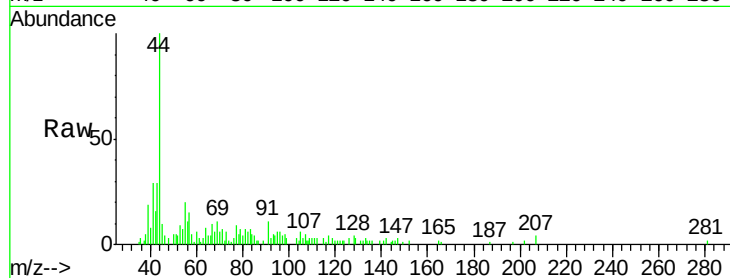
IBLK01

Tgt Ion: 73 Resp: 212

Ion Ratio Lower Upper

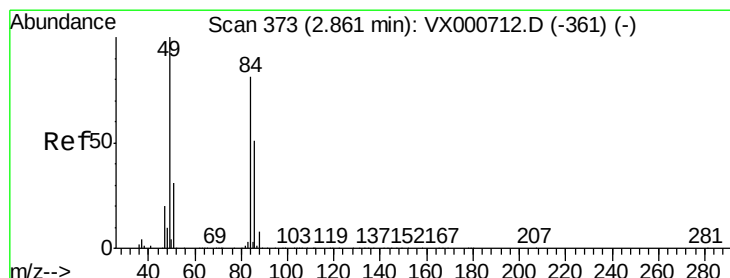
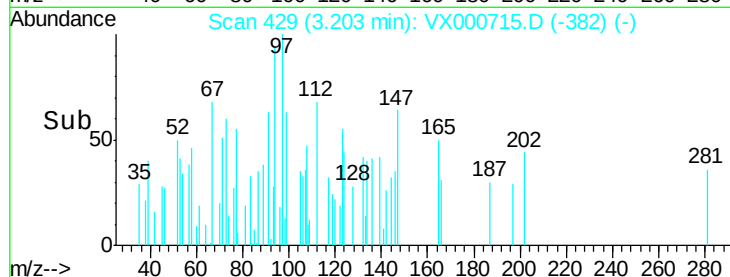
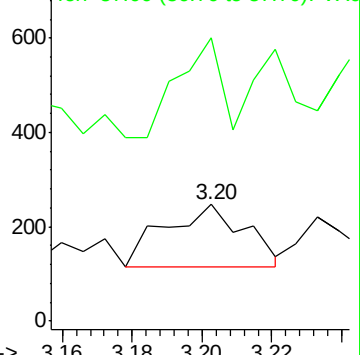
73 100

57 158.6 17.3 25.9#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 448.62 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Tgt Ion: 84 Resp: 3123

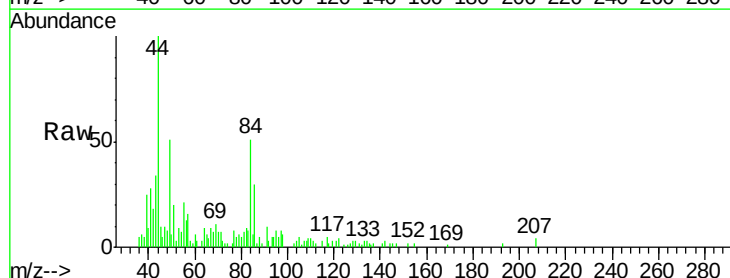
Ion Ratio Lower Upper

84 100

49 111.3 98.6 148.0

51 32.0 30.8 46.2

86 65.3 50.8 76.2

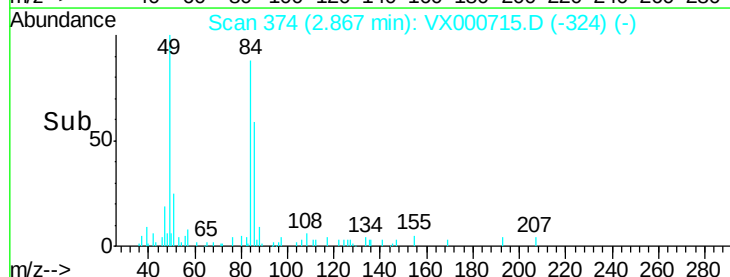
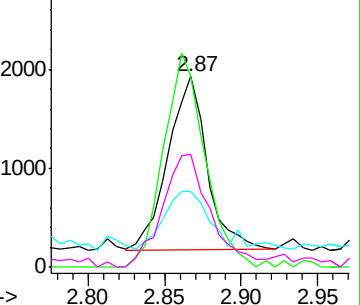


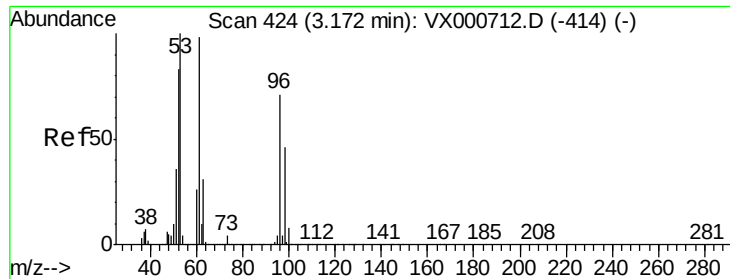
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 204.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

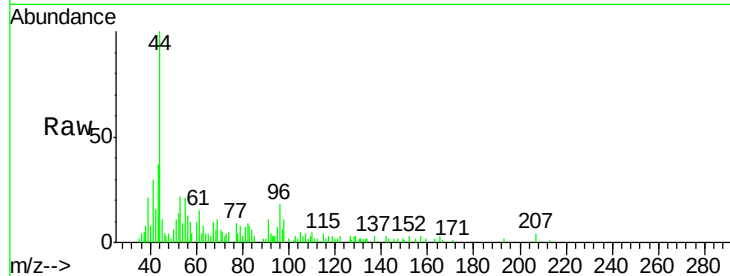
Tgt Ion: 96 Resp: 1337

Ion Ratio Lower Upper

96 100

61 110.6 109.8 164.6

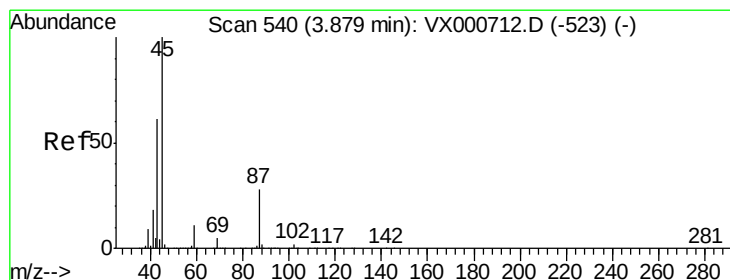
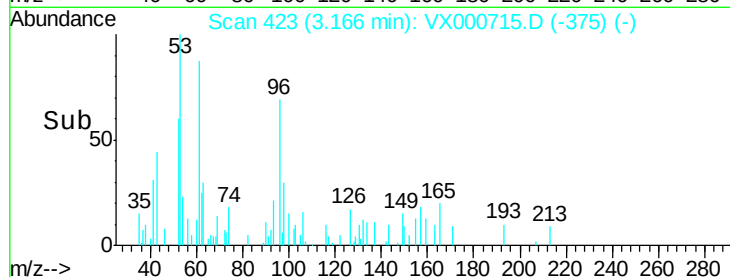
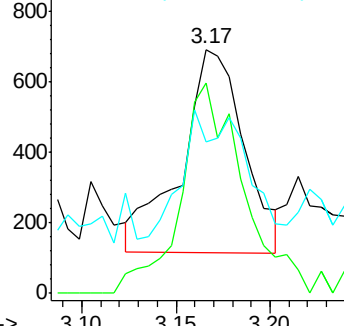
98 47.9 51.5 77.3#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.20 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Tgt Ion: 45 Resp: 55

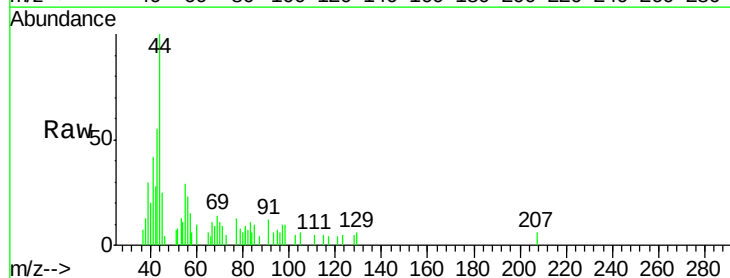
Ion Ratio Lower Upper

45 100

43 20.8 49.2 73.8#

87 0.0 22.7 34.1#

59 0.0 9.0 13.4#

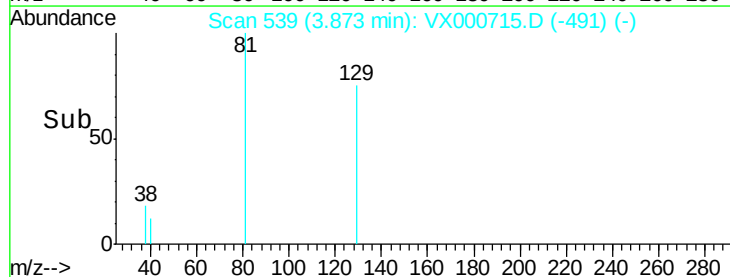
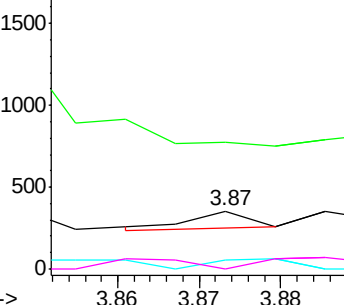


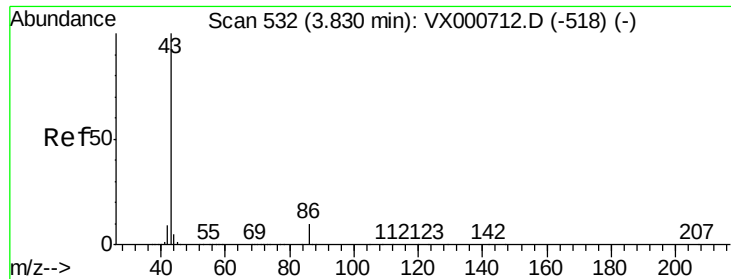
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 85.93 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

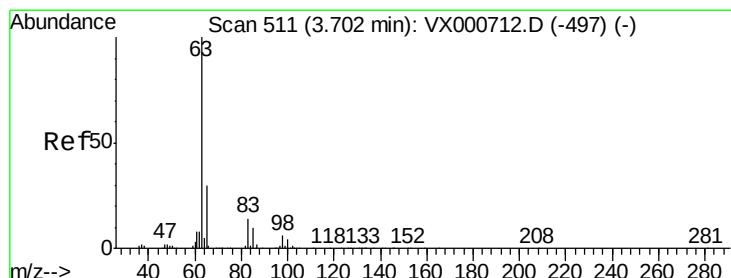
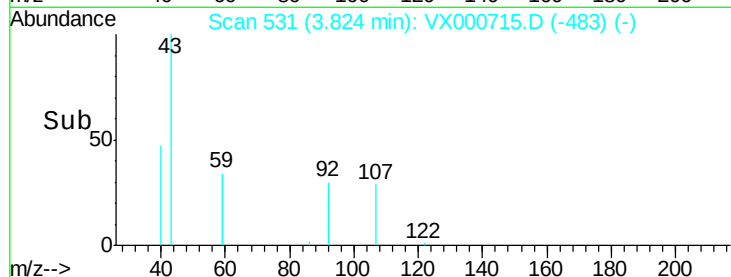
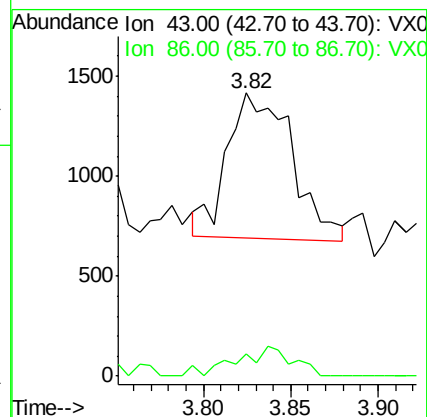
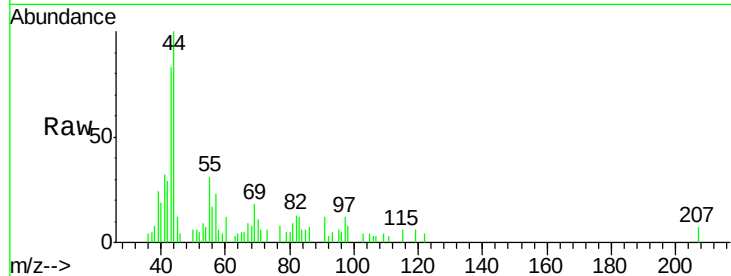
IBLK01

Tgt Ion: 43 Resp: 1871

Ion Ratio Lower Upper

43 100

86 16.8 8.0 12.0#



#24

1,1-Dichloroethane

Concen: 41.80 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

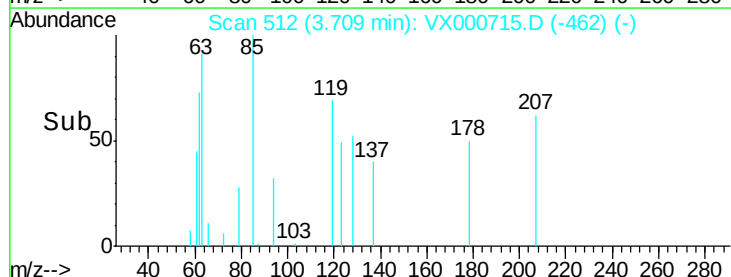
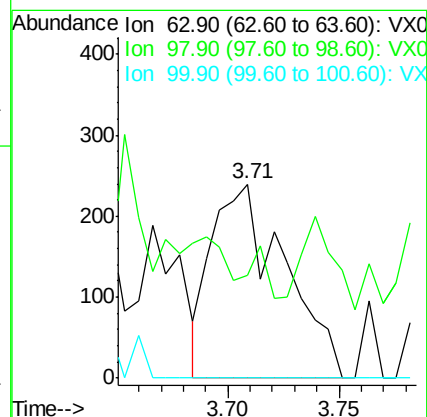
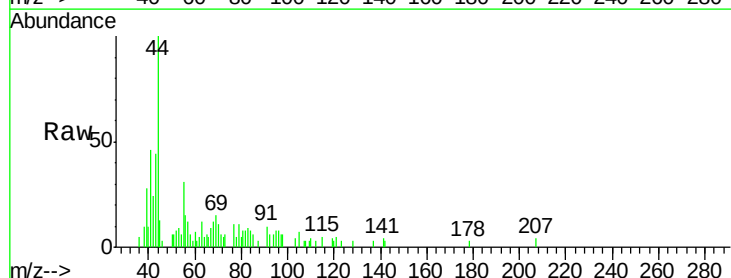
Tgt Ion: 63 Resp: 545

Ion Ratio Lower Upper

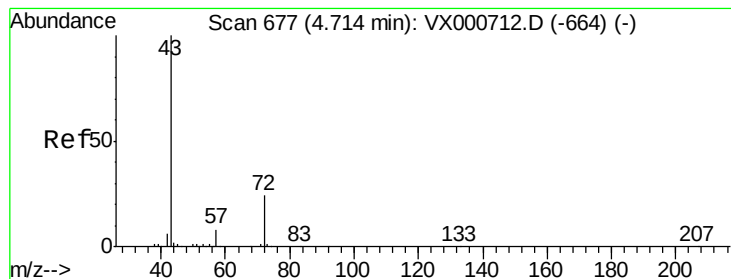
63 100

98 0.0 2.9 8.8#

100 0.0 2.1 6.3#







#25

2-Butanone

Concen: 43.87 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

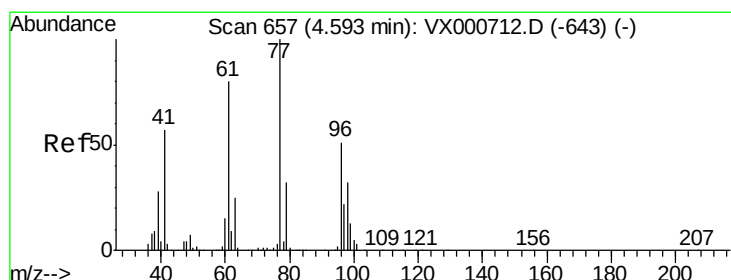
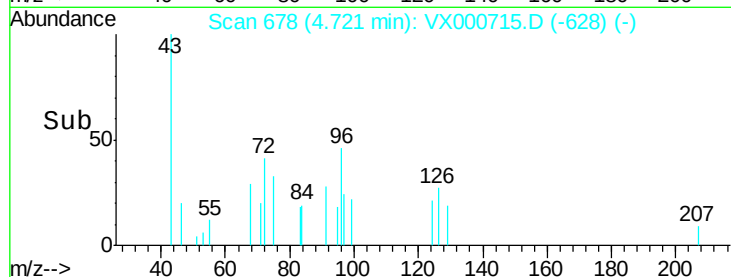
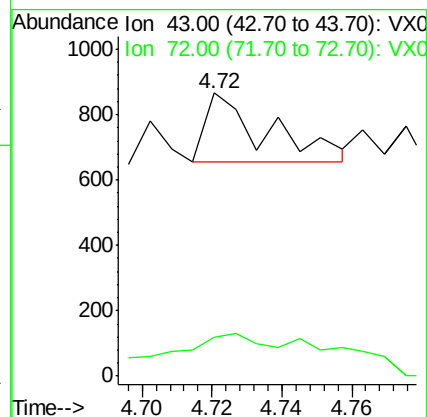
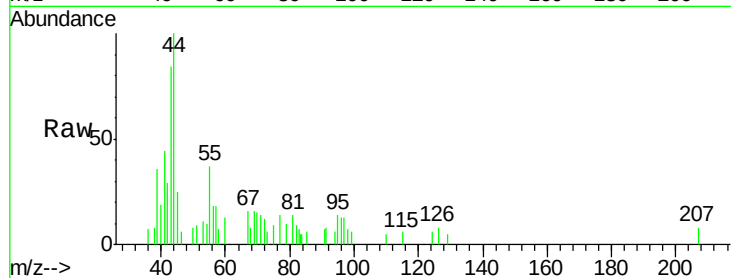
IBLK01

Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

72 18.9 19.0 28.4#



#26

2,2-Dichloropropane

Concen: 21.46 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.10 min

Lab File: VX000715.D

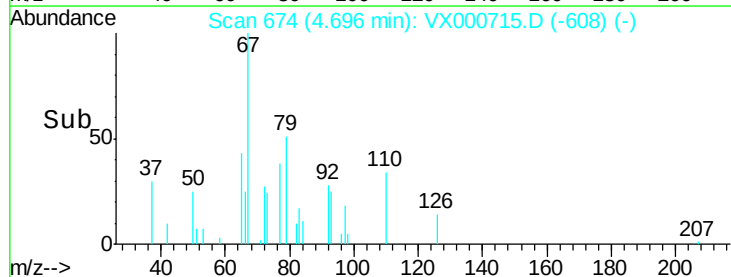
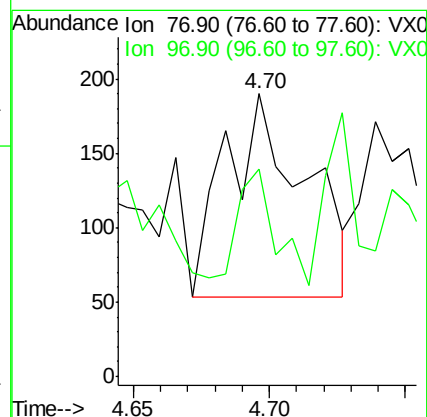
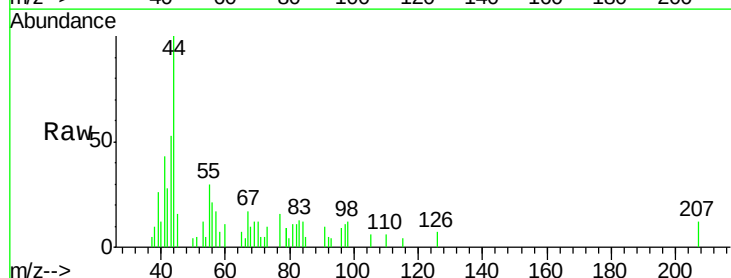
Acq: 07 Apr 2018 13:58

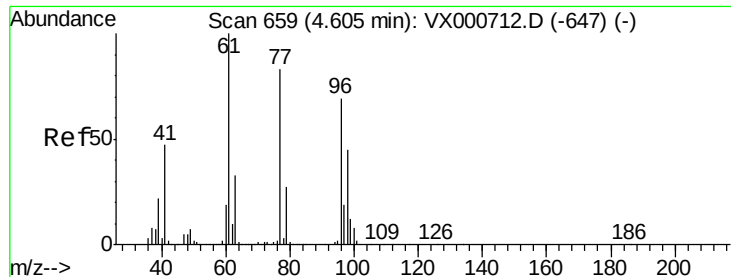
Tgt Ion: 77 Resp: 278

Ion Ratio Lower Upper

77 100

97 27.0 11.3 33.9



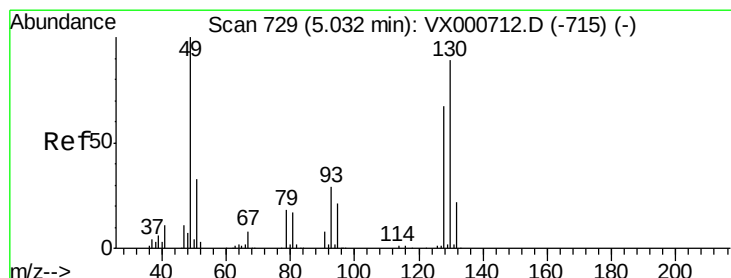
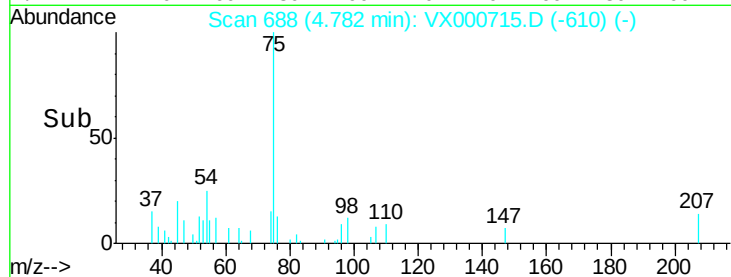
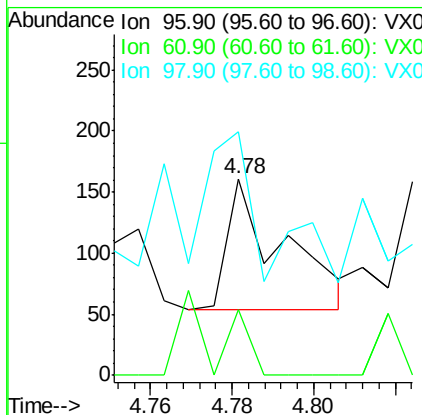
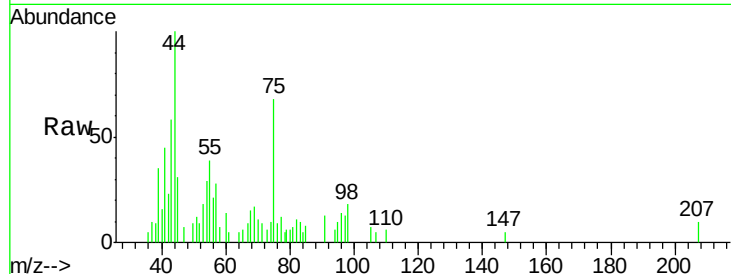


#27

cis-1,2-Dichloroethene  
 Concen: 12.04 ug/l  
 RT: 4.78 min Scan# 688  
 Delta R.T. 0.18 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK01

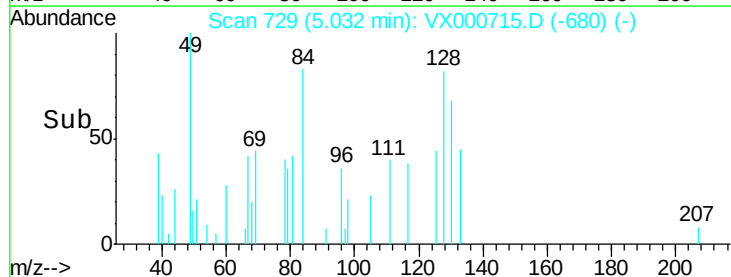
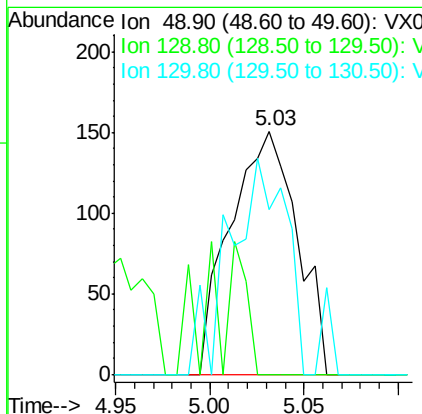
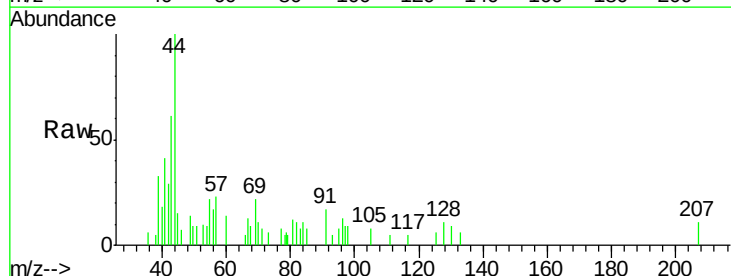
Tgt Ion: 96 Resp: 101  
 Ion Ratio Lower Upper  
 96 100  
 61 44.6 0.0 301.0  
 98 116.8 0.0 129.6

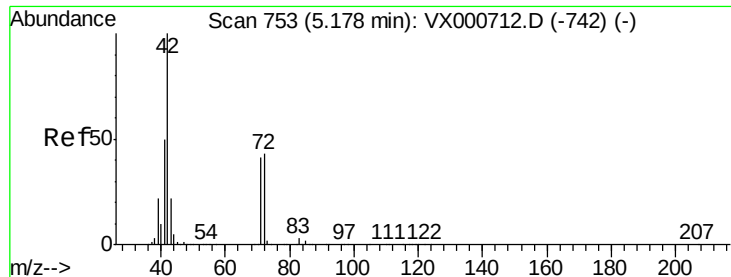


#28

Bromochloromethane  
 Concen: 64.47 ug/l  
 RT: 5.03 min Scan# 729  
 Delta R.T. 0.00 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion: 49 Resp: 371  
 Ion Ratio Lower Upper  
 49 100  
 129 13.7 0.0 5.4#  
 130 74.9 69.0 103.4





#29

Tetrahydrofuran

Concen: 266.73 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

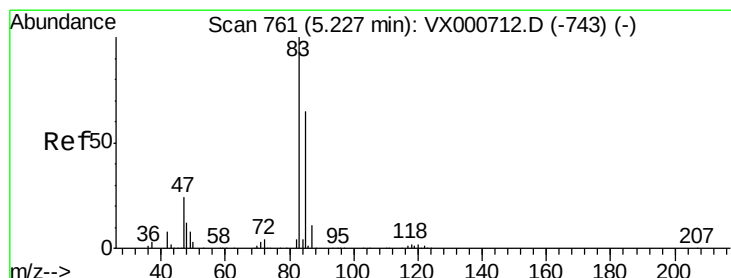
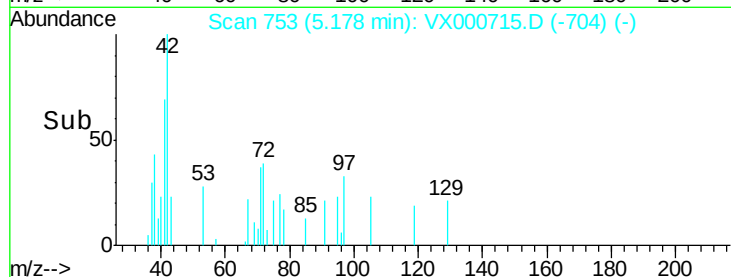
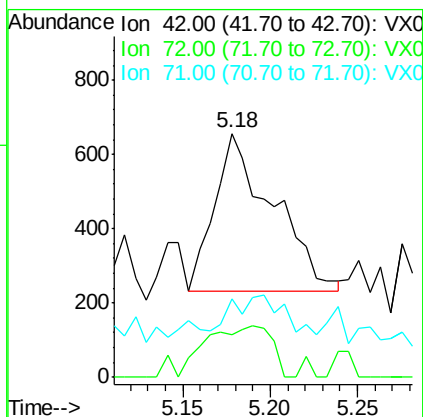
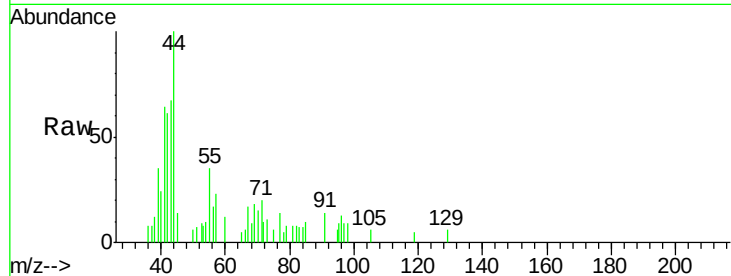
Tgt Ion: 42 Resp: 993

Ion Ratio Lower Upper

42 100

72 38.3 34.4 51.6

71 21.5 32.0 48.0#



#30

Chloroform

Concen: 20.41 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000715.D

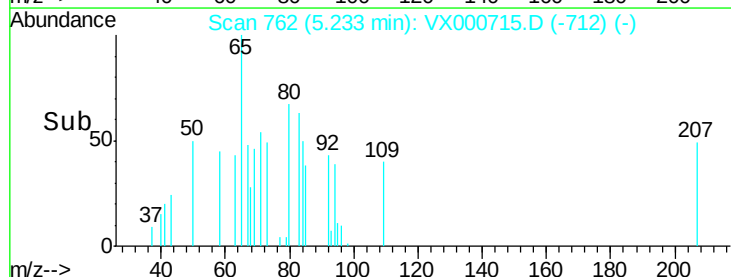
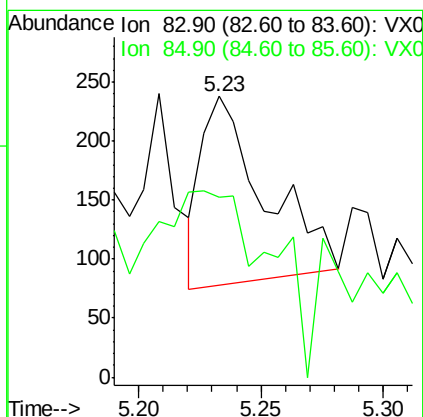
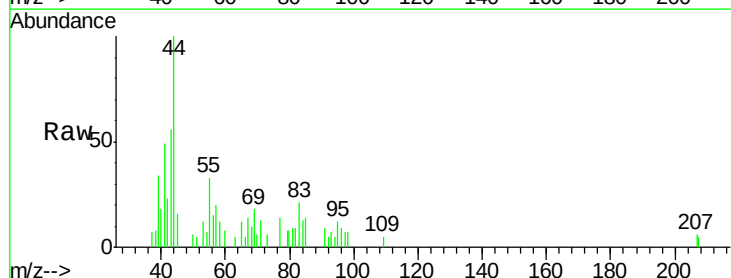
Acq: 07 Apr 2018 13:58

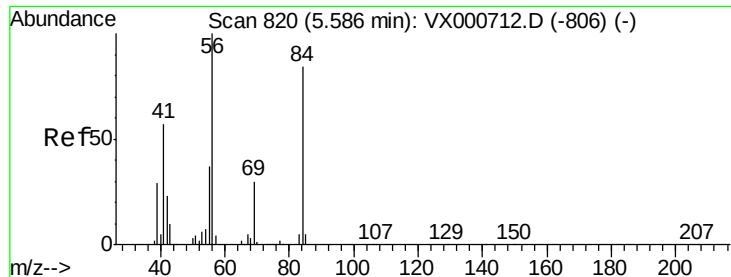
Tgt Ion: 83 Resp: 286

Ion Ratio Lower Upper

83 100

85 42.5 52.3 78.5#

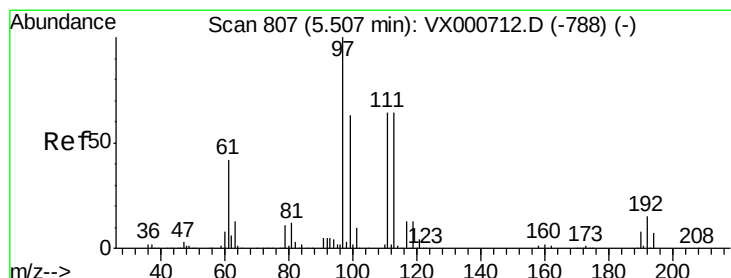
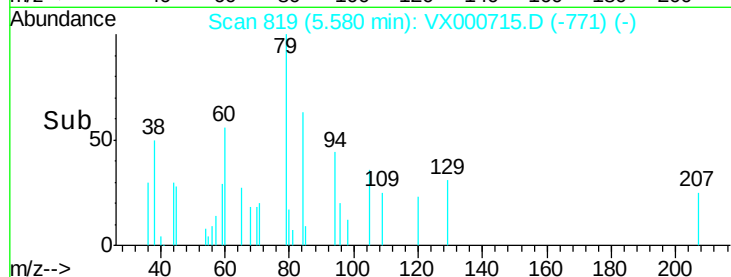
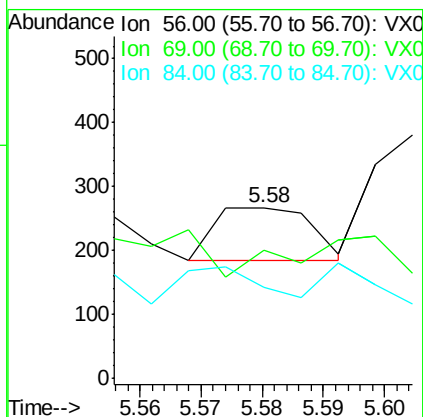
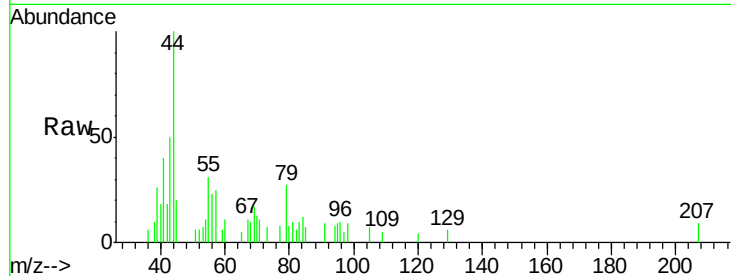




#31  
Cyclohexane  
Concen: 8.54 ug/l  
RT: 5.58 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

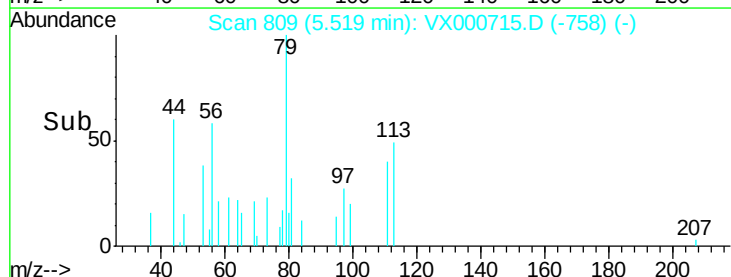
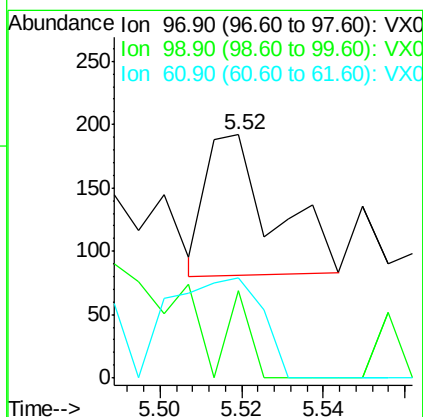
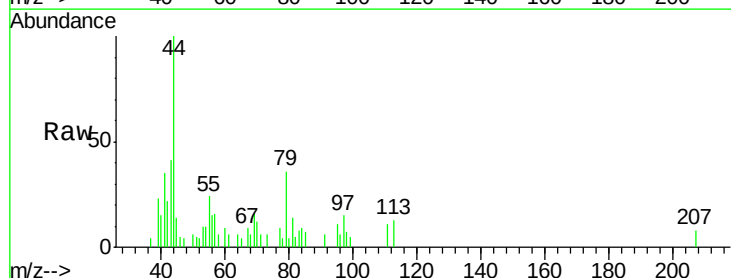
Instrument :  
MSVOA\_X  
ClientSampled :  
IBLK01

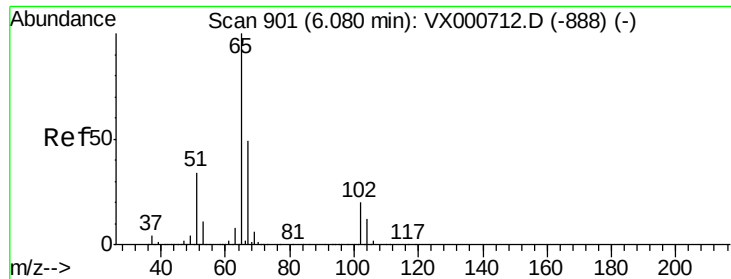
Tgt Ion: 56 Resp: 93  
Ion Ratio Lower Upper  
56 100  
69 0.0 23.8 35.6#  
84 0.0 67.4 101.2#



#32  
1,1,1-Trichloroethane  
Concen: 9.51 ug/l  
RT: 5.52 min Scan# 809  
Delta R.T. 0.01 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion: 97 Resp: 127  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.4 77.2#  
61 114.2 34.2 51.4#





#33

1,2-Dichloroethane-d4

Concen: 96.57 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

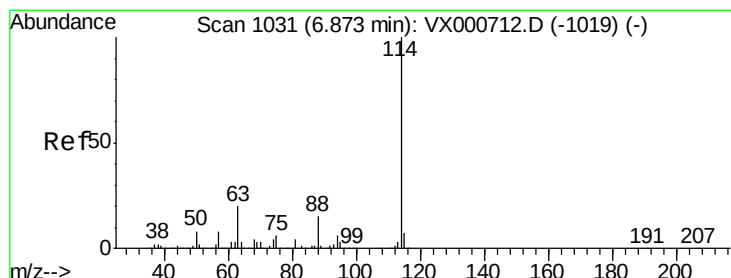
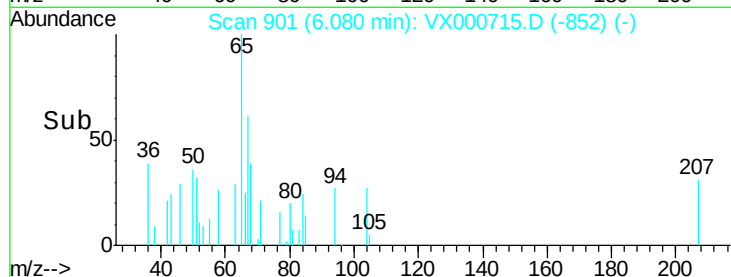
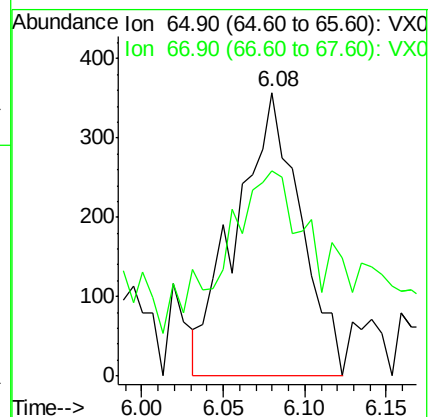
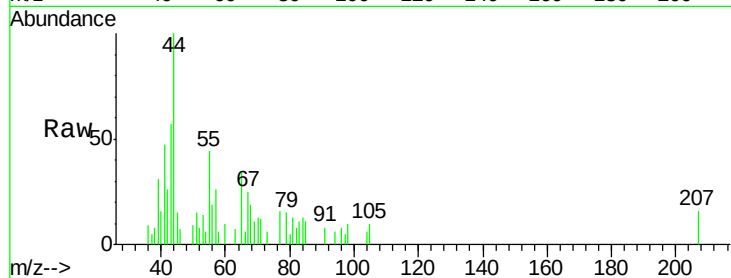
IBLK01

Tgt Ion: 65 Resp: 974

Ion Ratio Lower Upper

65 100

67 69.9 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

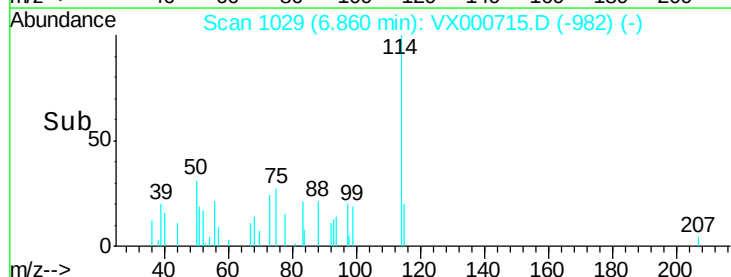
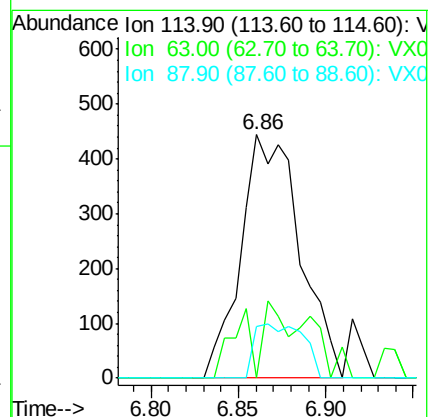
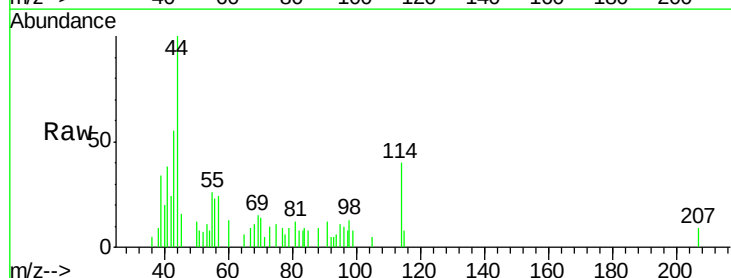
Tgt Ion: 114 Resp: 1046

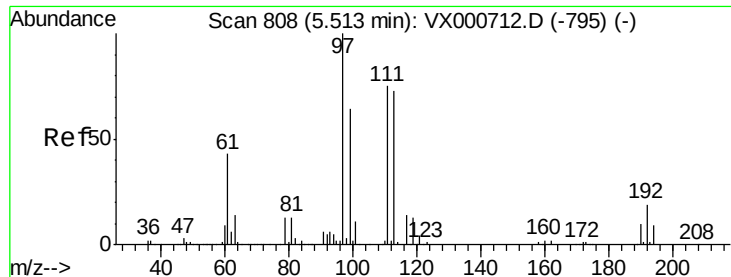
Ion Ratio Lower Upper

114 100

63 0.0 0.0 39.6

88 21.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 17.56 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

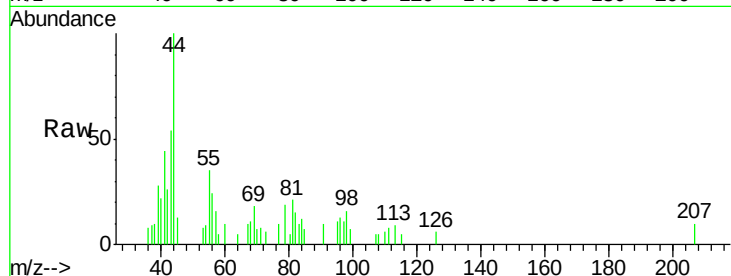
Tgt Ion:113 Resp: 120

Ion Ratio Lower Upper

113 100

111 0.0 81.5 122.3#

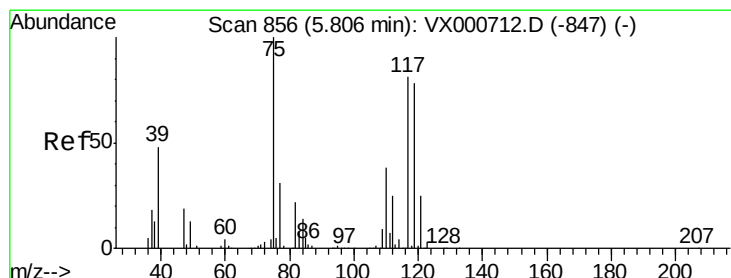
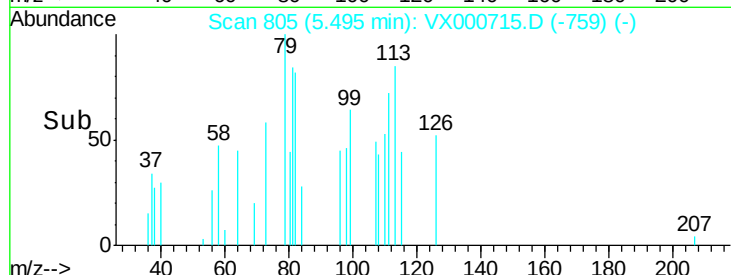
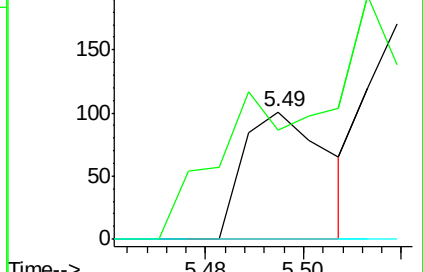
192 0.0 20.0 30.0#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 73.62 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

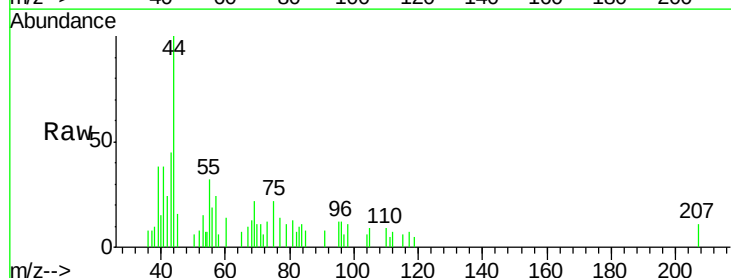
Tgt Ion: 75 Resp: 610

Ion Ratio Lower Upper

75 100

110 17.7 18.6 56.0#

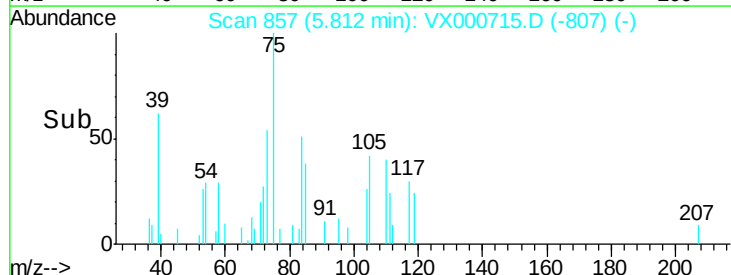
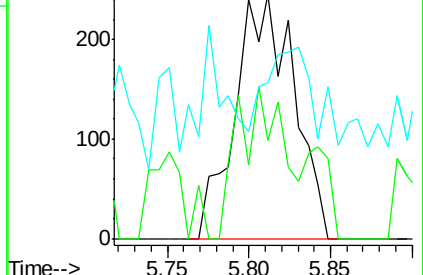
77 0.0 24.6 37.0#

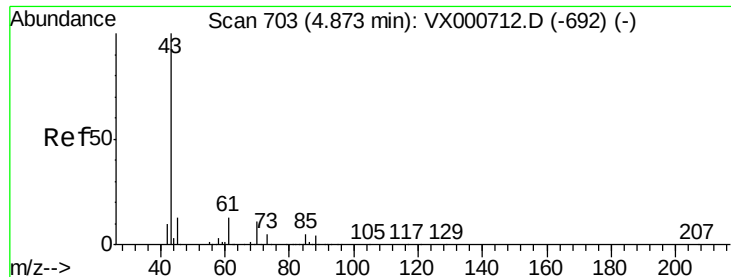


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.62 ug/l

RT: 4.89 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

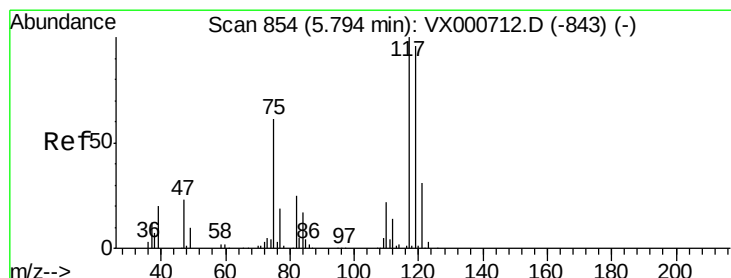
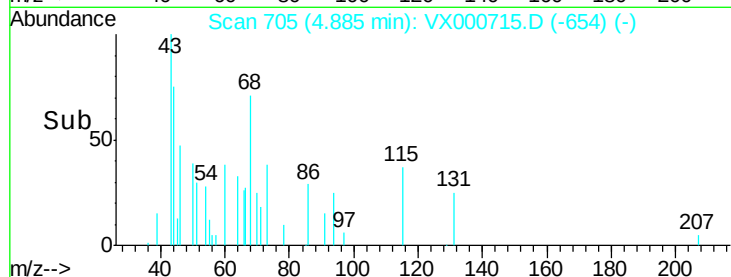
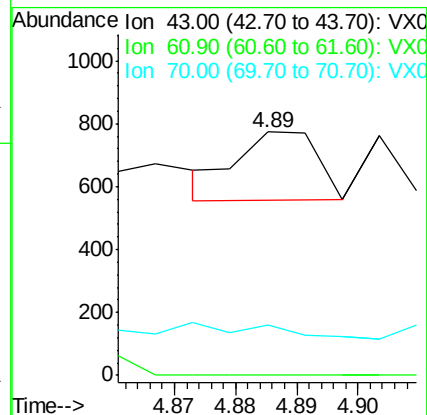
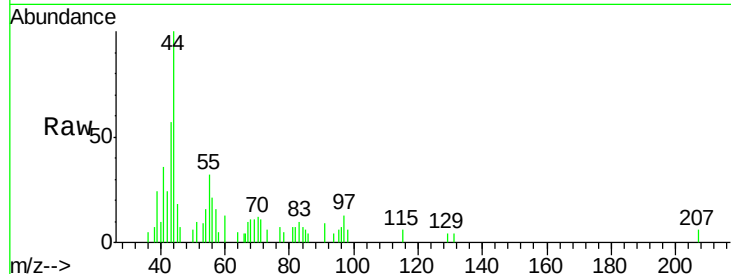
Tgt Ion: 43 Resp: 194

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 39.2 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 16.70 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

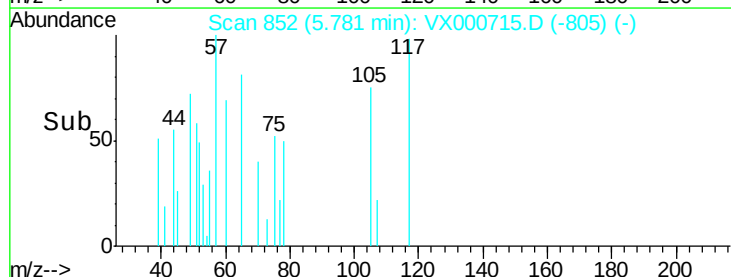
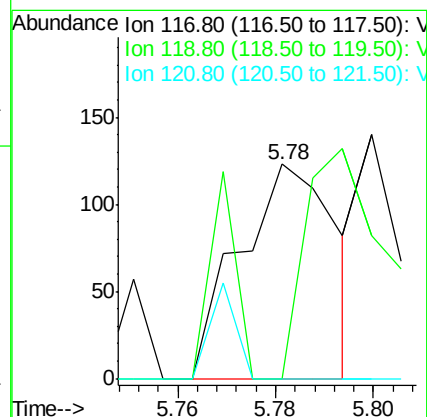
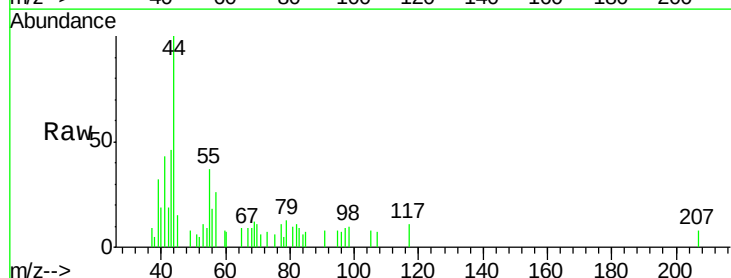
Tgt Ion: 117 Resp: 168

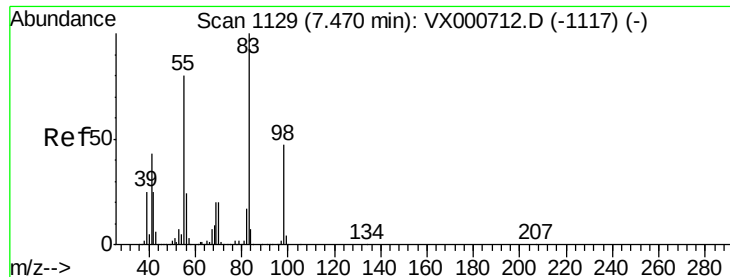
Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 48.31 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

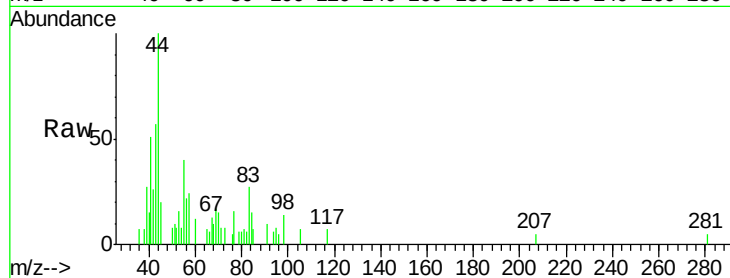
Tgt Ion: 83 Resp: 460

Ion Ratio Lower Upper

83 100

55 64.8 63.7 95.5

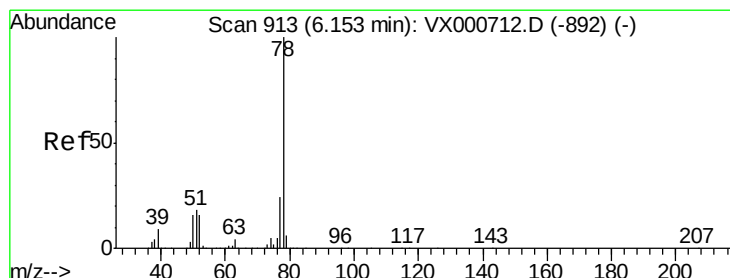
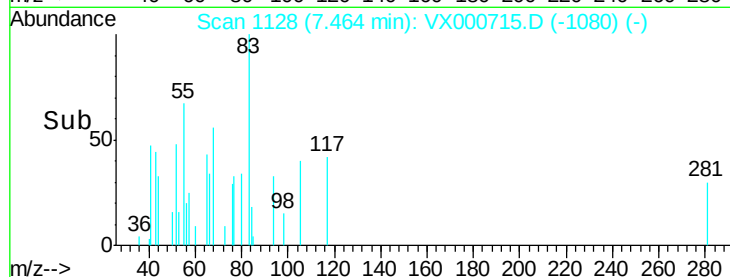
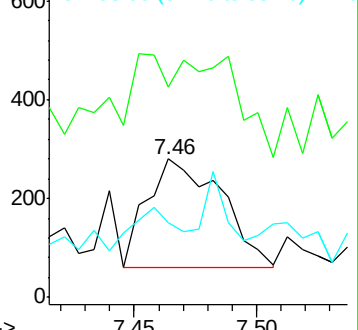
98 9.1 37.2 55.8#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 45.41 ug/l

RT: 6.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VX000715.D

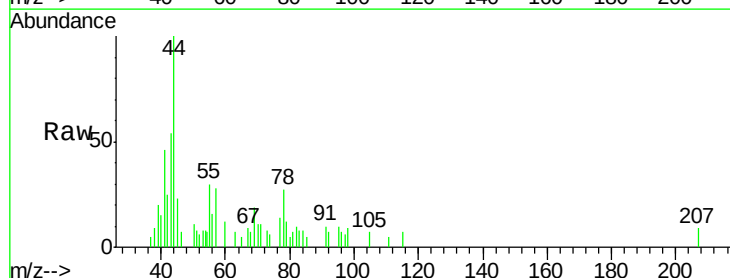
Acq: 07 Apr 2018 13:58

Tgt Ion: 78 Resp: 1097

Ion Ratio Lower Upper

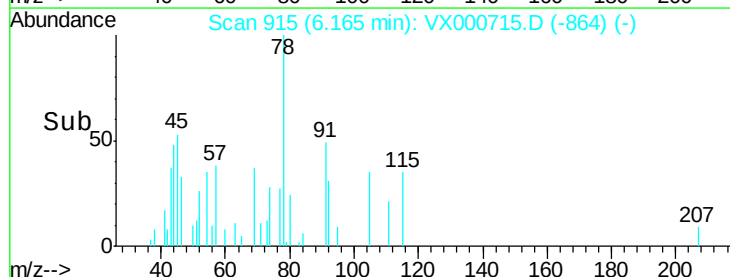
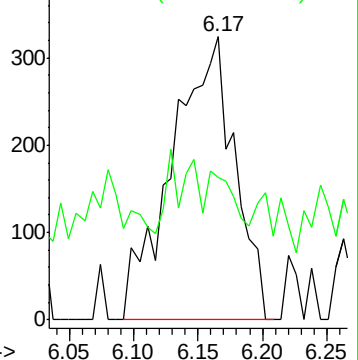
78 100

77 21.0 19.0 28.4

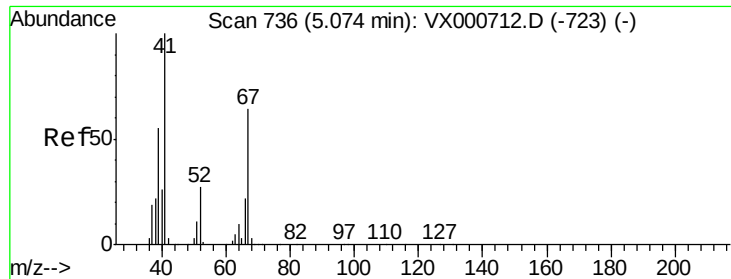


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



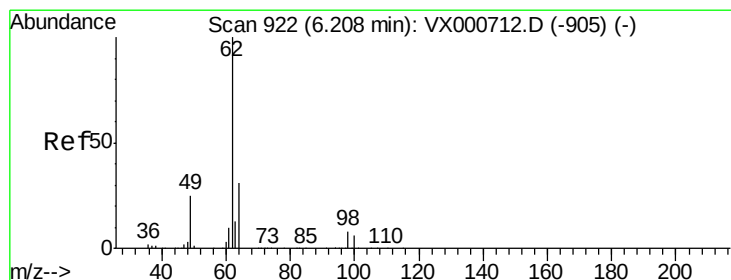
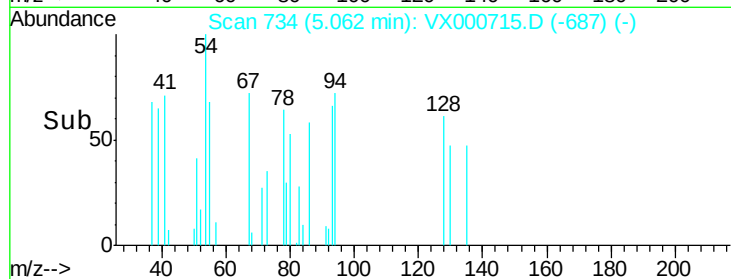
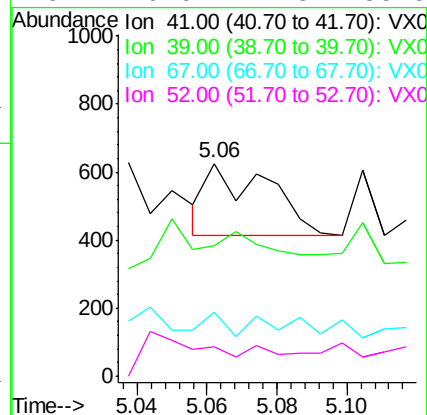
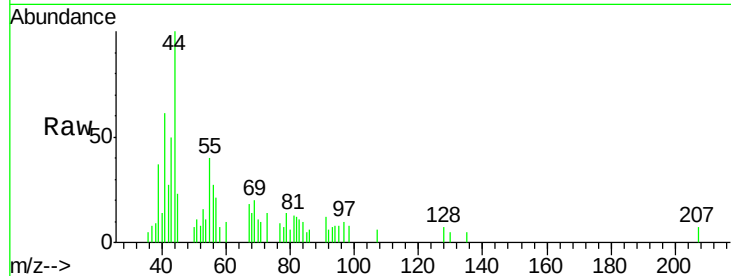




#41  
Methacrylonitrile  
Concen: 46.20 ug/l  
RT: 5.06 min Scan# 734  
Delta R.T. -0.01 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

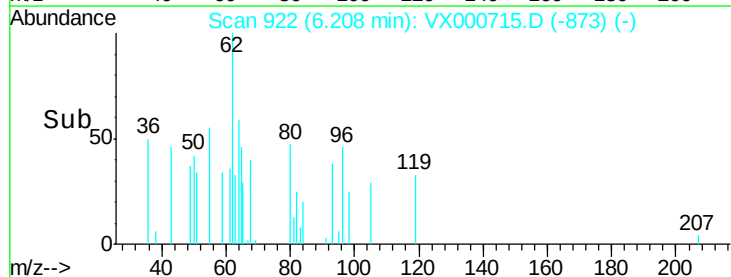
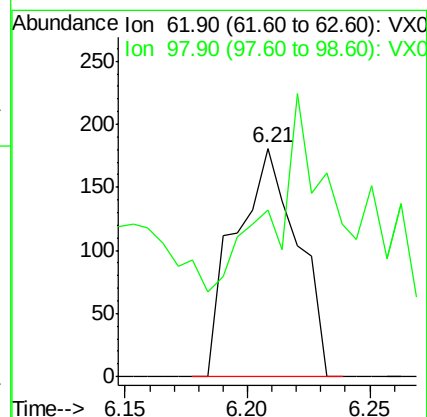
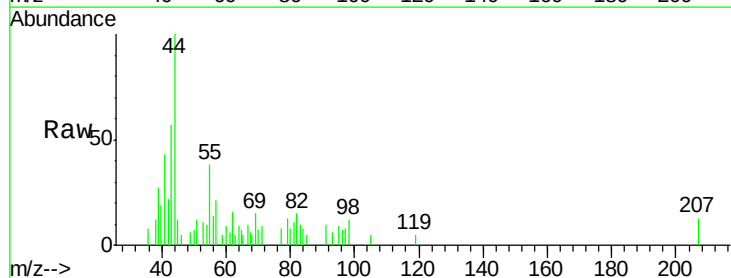
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK01

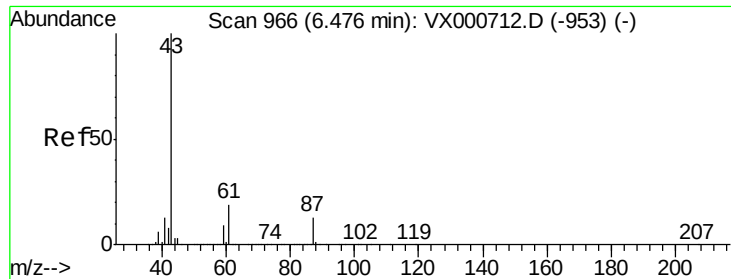
Tgt Ion: 41 Resp: 256  
Ion Ratio Lower Upper  
41 100  
39 0.0 45.3 67.9#  
67 10.5 52.7 79.1#  
52 0.0 22.3 33.5#



#42  
1,2-Dichloroethane  
Concen: 33.37 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion: 62 Resp: 321  
Ion Ratio Lower Upper  
62 100  
98 72.3 0.0 17.2#



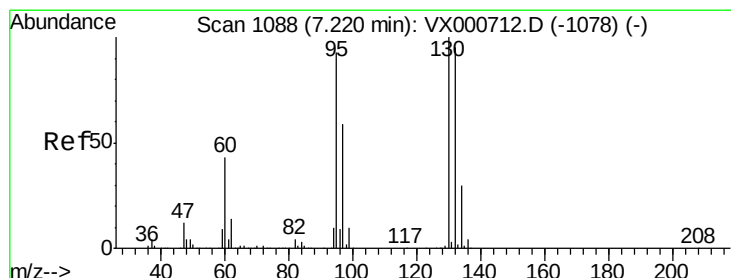
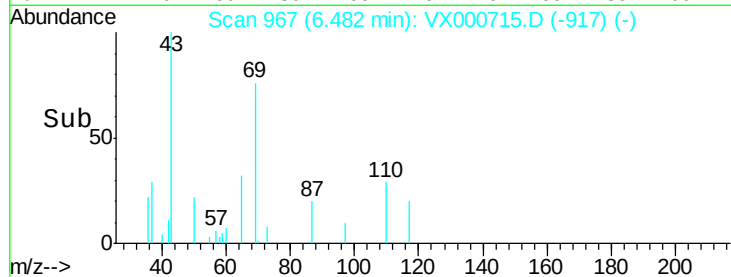
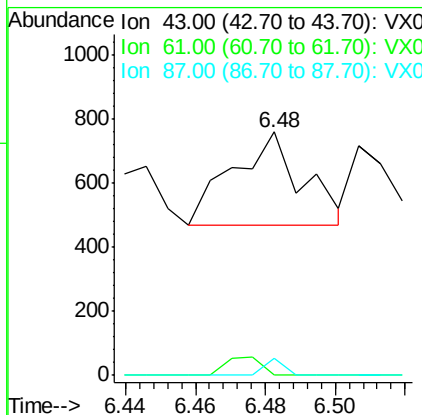
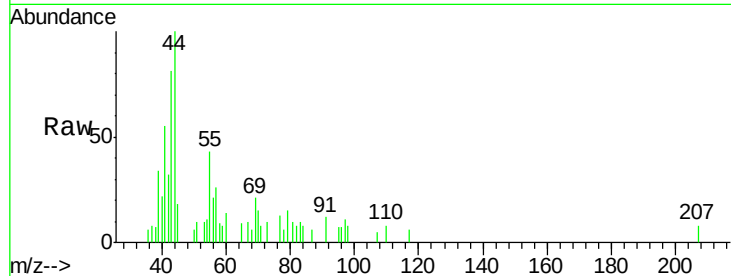


#43

Isopropyl Acetate  
 Concen: 24.21 ug/l  
 RT: 6.48 min Scan# 967  
 Delta R.T. 0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK01

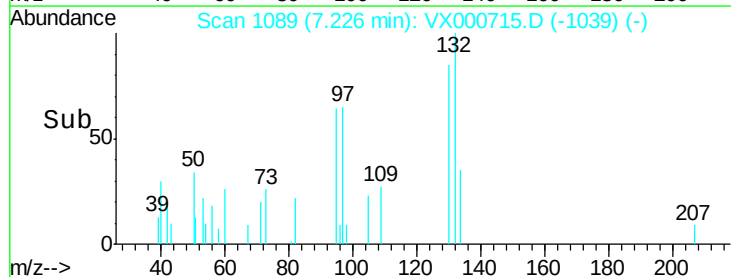
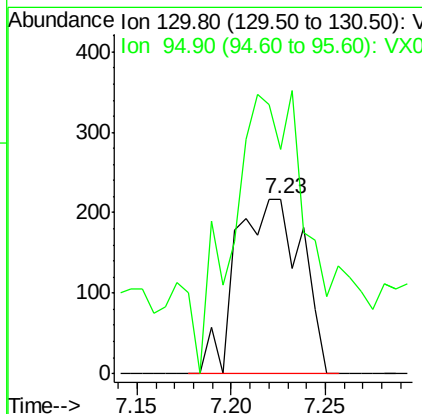
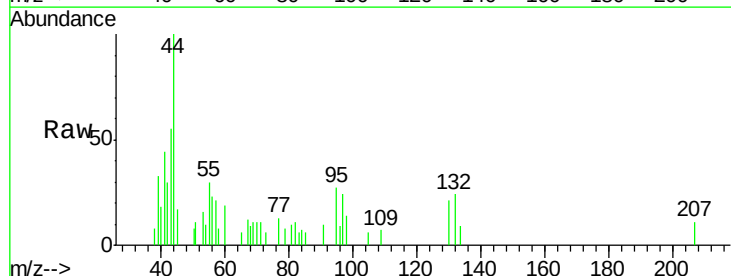
Tgt Ion: 43 Resp: 400  
 Ion Ratio Lower Upper  
 43 100  
 61 10.0 15.4 23.0#  
 87 4.8 10.4 15.6#

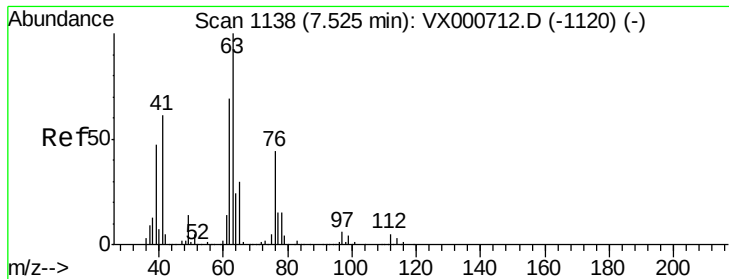


#44

Trichloroethene  
 Concen: 70.24 ug/l  
 RT: 7.23 min Scan# 1089  
 Delta R.T. 0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion: 130 Resp: 522  
 Ion Ratio Lower Upper  
 130 100  
 95 82.0 0.0 185.4

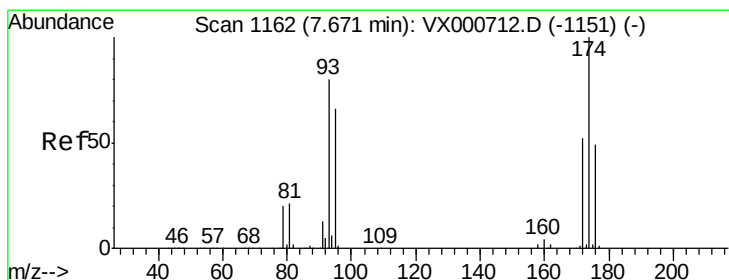
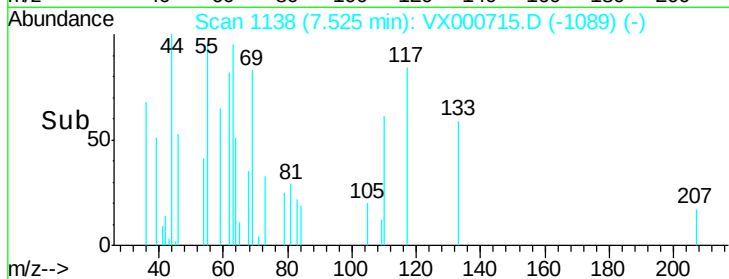
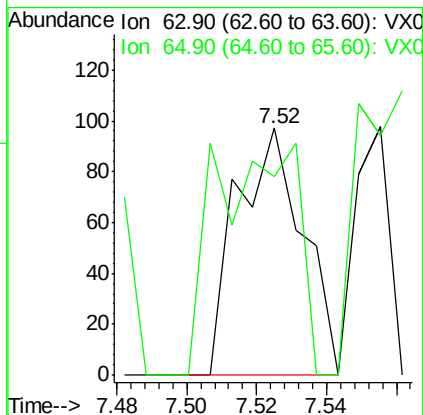
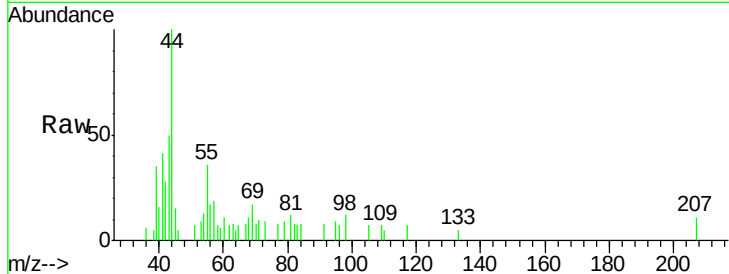




#45  
 1,2-Dichloropropane  
 Concen: 19.50 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

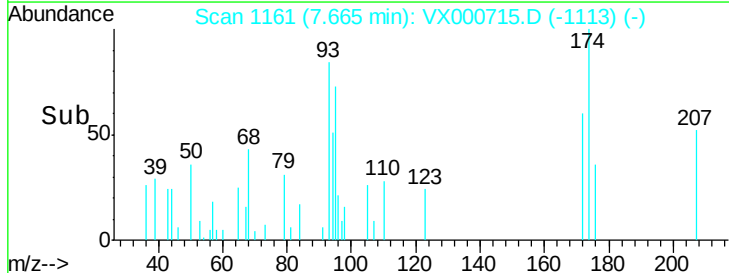
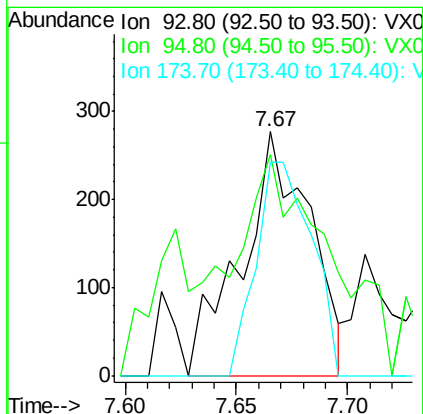
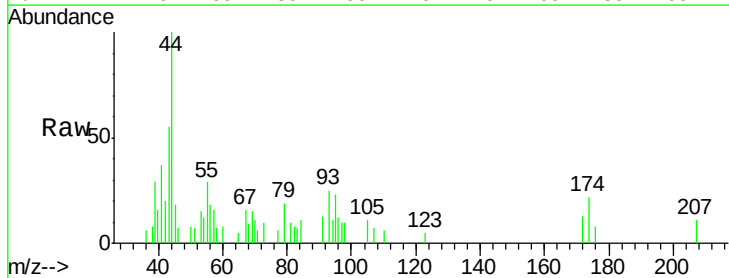
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK01

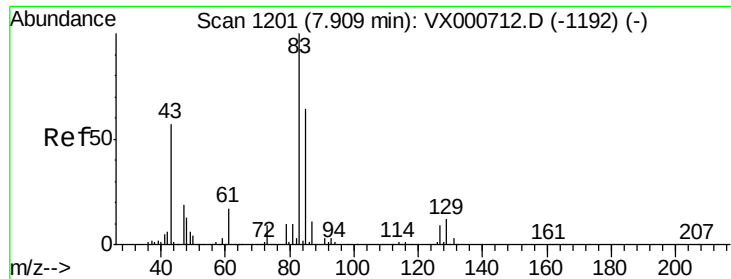
Tgt Ion: 63 Resp: 127  
 Ion Ratio Lower Upper  
 63 100  
 65 80.4 24.2 36.2#



#46  
 Dibromomethane  
 Concen: 133.04 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. -0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion: 93 Resp: 594  
 Ion Ratio Lower Upper  
 93 100  
 95 120.9 66.0 99.0#  
 174 71.0 100.2 150.2#





#47

Bromodichloromethane

Concen: 35.77 ug/l

RT: 7.92 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

IBLK01

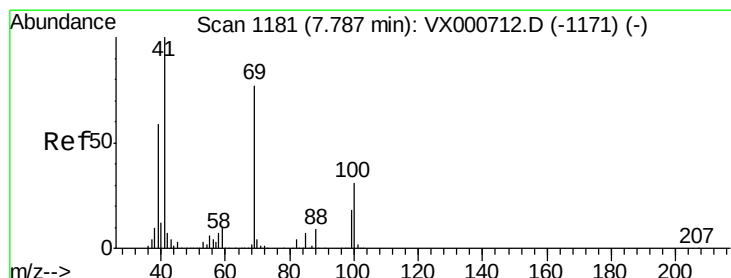
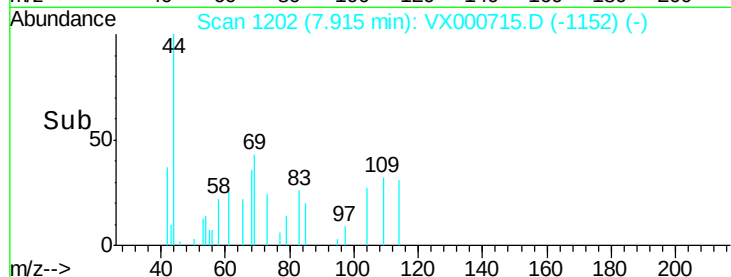
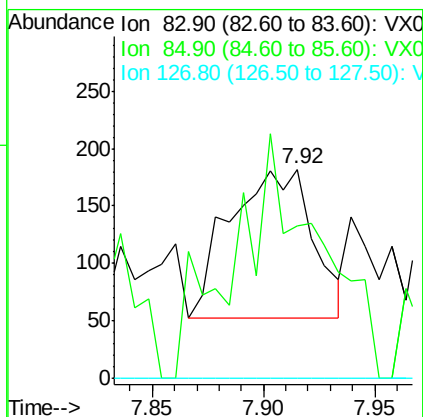
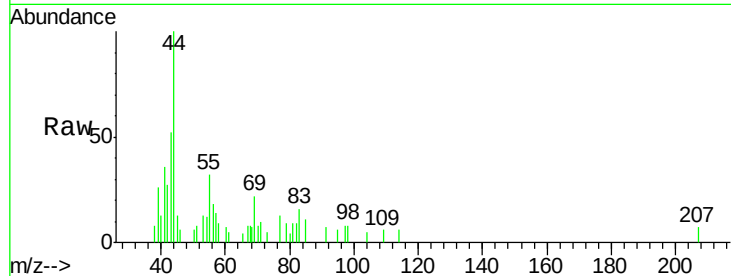
Tgt Ion: 83 Resp: 337

Ion Ratio Lower Upper

83 100

85 31.5 51.0 76.4#

127 0.0 7.4 11.2#



#48

Methyl methacrylate

Concen: 60.85 ug/l

RT: 7.80 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

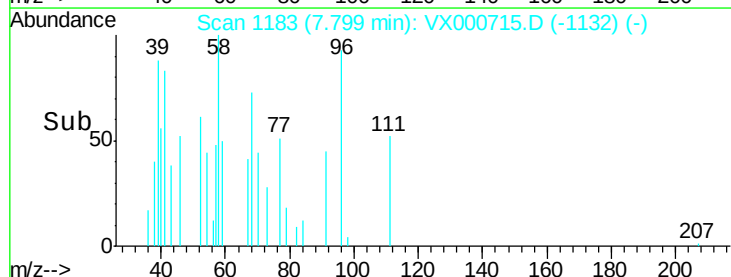
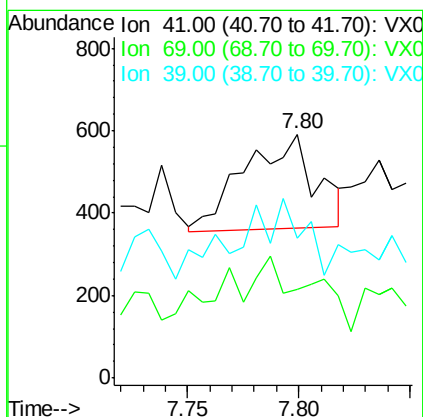
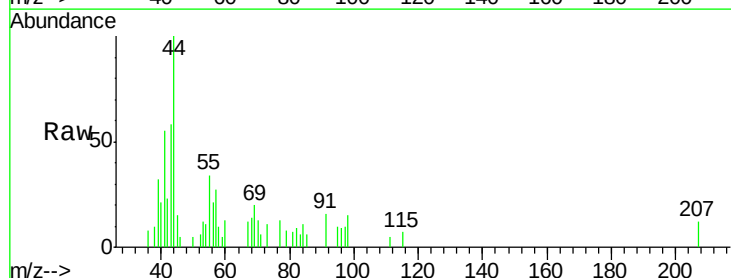
Tgt Ion: 41 Resp: 516

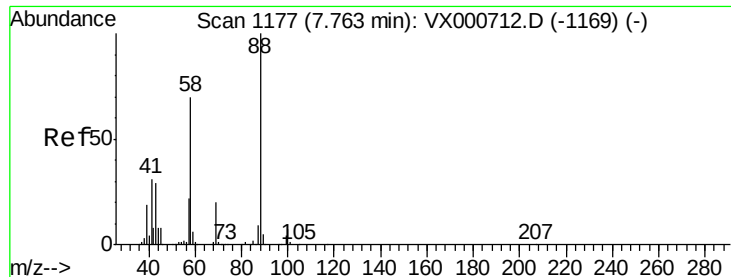
Ion Ratio Lower Upper

41 100

69 60.7 62.0 93.0#

39 45.7 47.0 70.4#

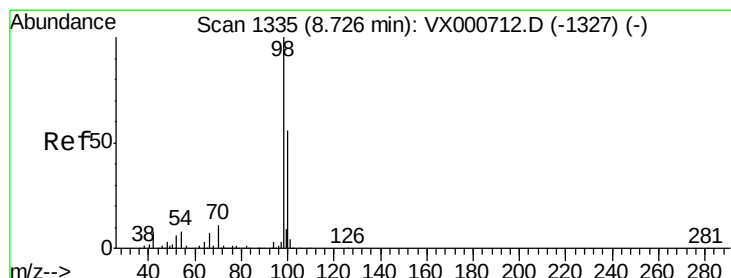
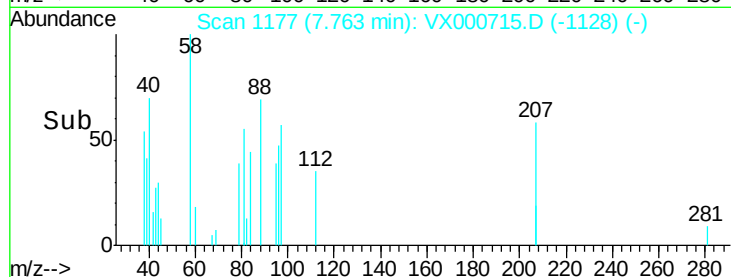
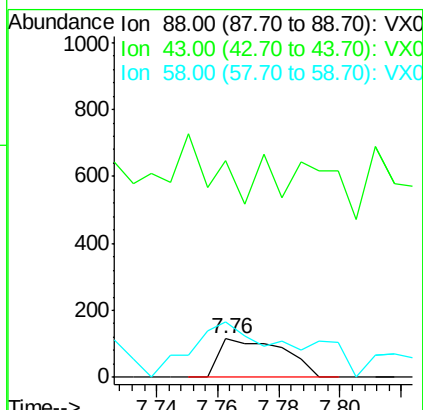
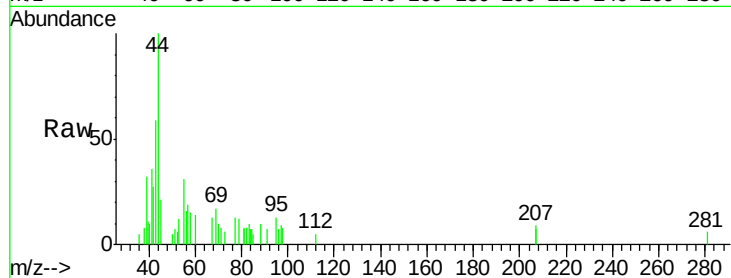




#49  
1,4-Dioxane  
Concen: 971.74 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

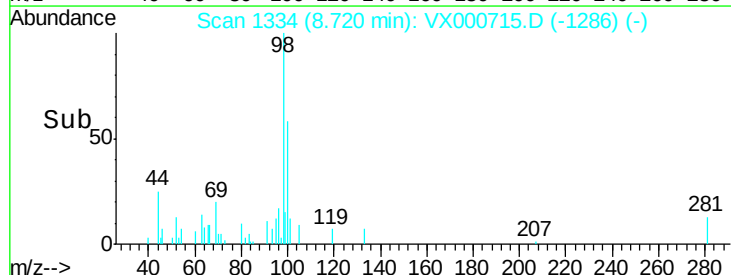
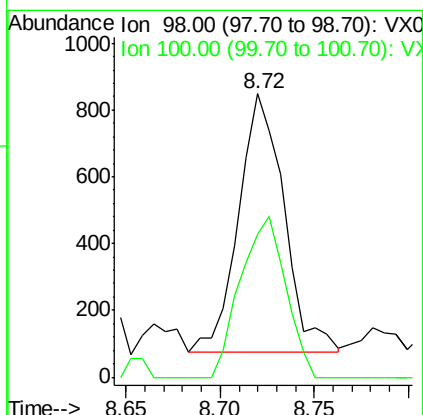
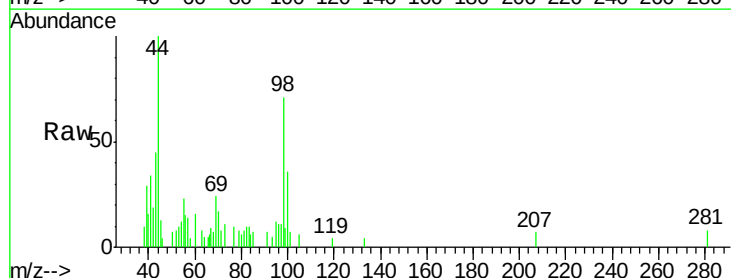
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK01

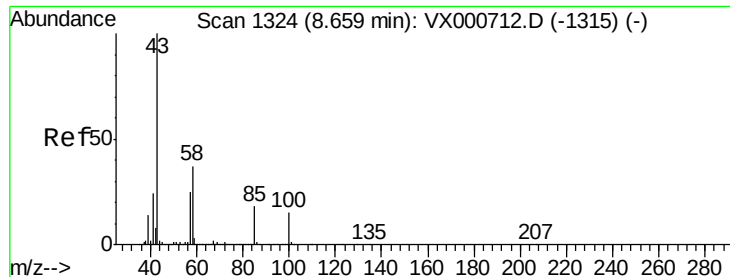
Tgt Ion: 88 Resp: 167  
Ion Ratio Lower Upper  
88 100  
43 88.6 27.9 41.9#  
58 229.9 57.0 85.4#



#50  
Toluene-d8  
Concen: 51.79 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion: 98 Resp: 1299  
Ion Ratio Lower Upper  
98 100  
100 61.5 52.6 78.8

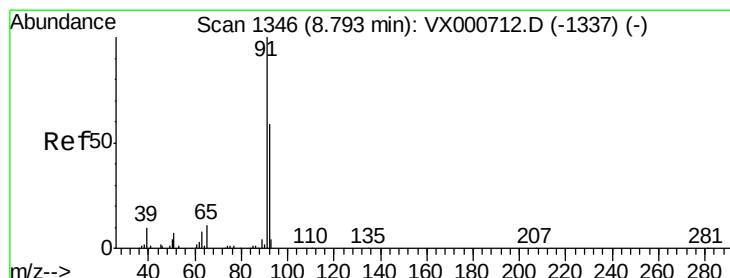
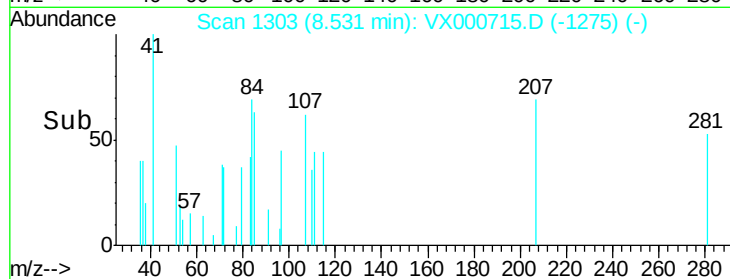
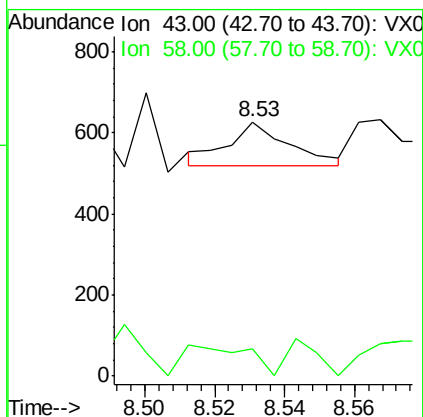
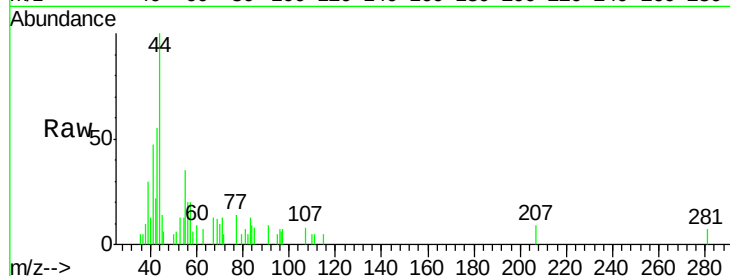




#51  
 4-Methyl-2-Pentanone  
 Concen: 13.54 ug/l  
 RT: 8.53 min Scan# 1303  
 Delta R.T. -0.13 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

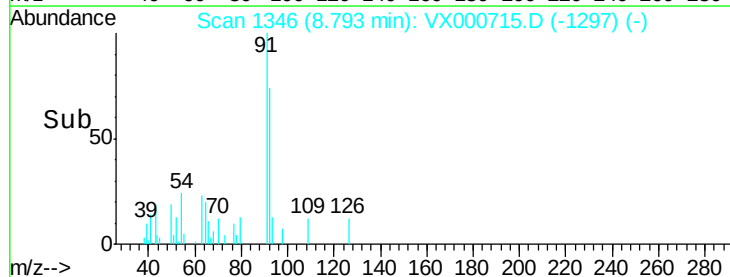
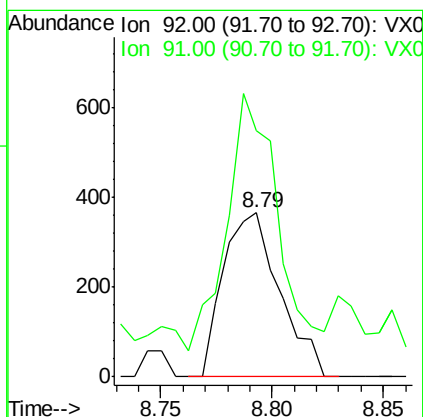
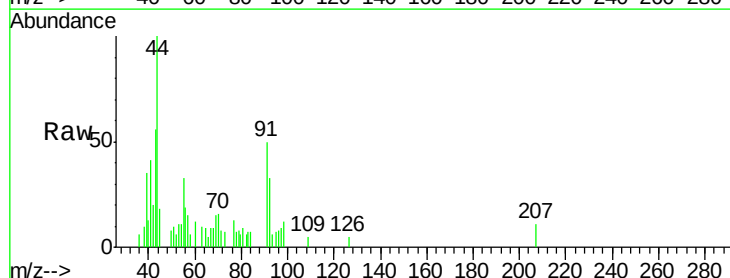
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK01

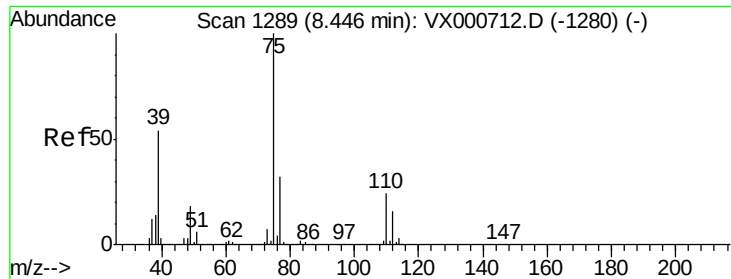
Tgt Ion: 43 Resp: 133  
 Ion Ratio Lower Upper  
 43 100  
 58 42.1 30.6 46.0



#52  
 Toluene  
 Concen: 39.91 ug/l  
 RT: 8.79 min Scan# 1346  
 Delta R.T. 0.00 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion: 92 Resp: 644  
 Ion Ratio Lower Upper  
 92 100  
 91 139.0 136.4 204.6

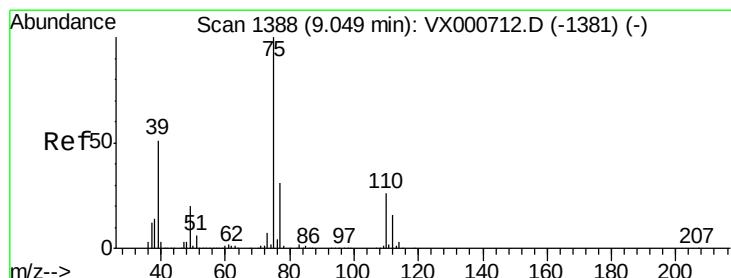
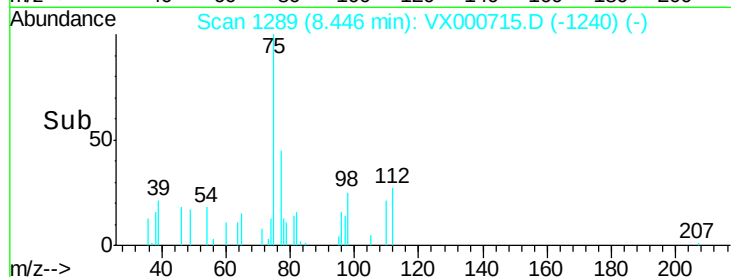
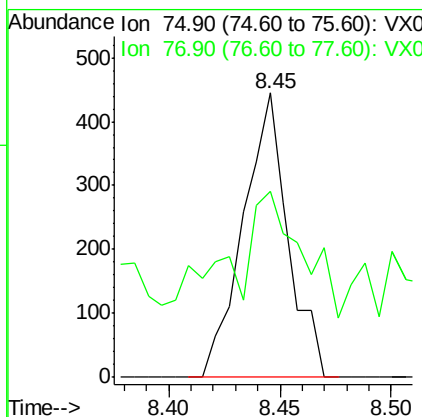
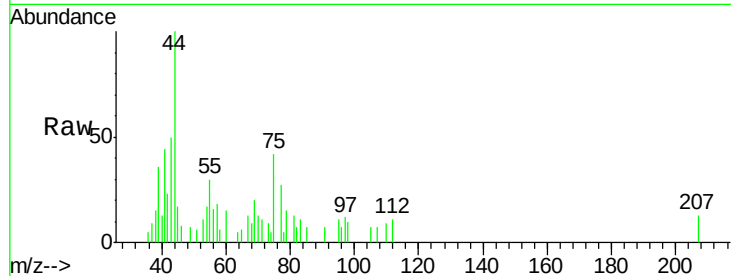




#53  
t-1,3-Dichloropropene  
Concen: 55.41 ug/l  
RT: 8.45 min Scan# 1289  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

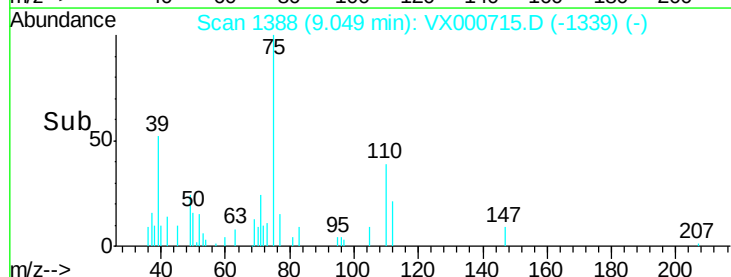
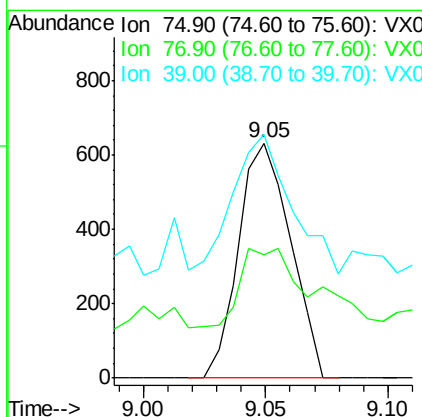
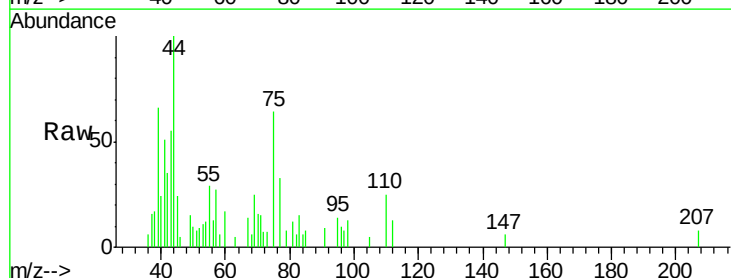
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK01

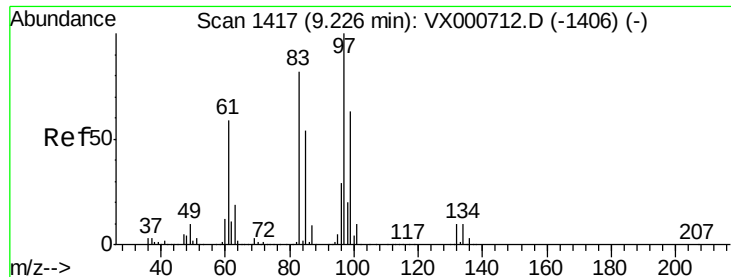
Tgt Ion: 75 Resp: 620  
Ion Ratio Lower Upper  
75 100  
77 44.5 25.4 38.0#



#54  
cis-1,3-Dichloropropene  
Concen: 82.93 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion: 75 Resp: 934  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.2 37.8  
39 59.5 40.5 60.7

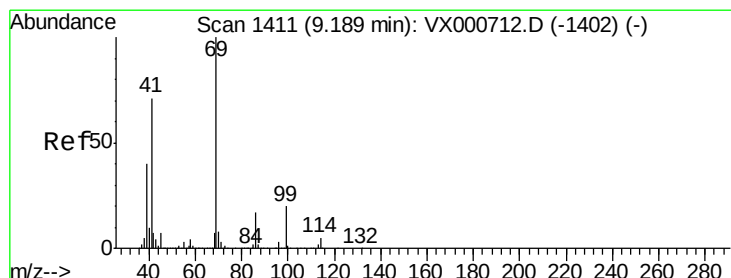
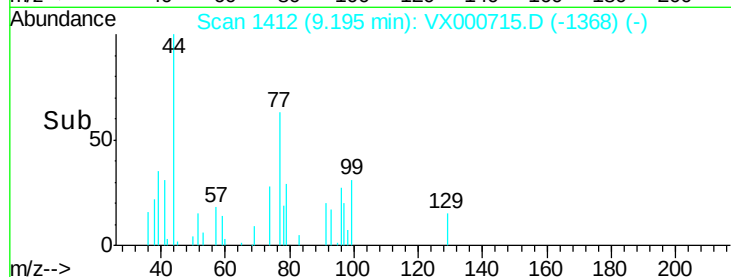
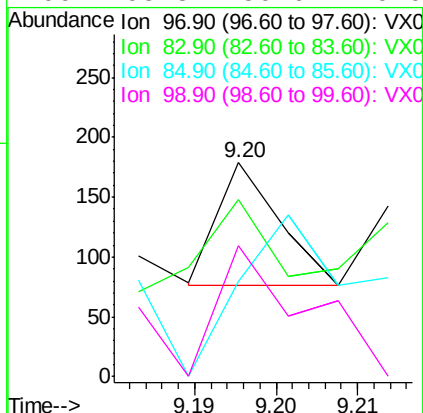
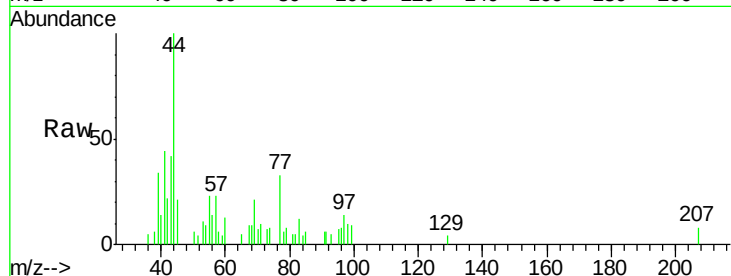




#55  
 1,1,2-Trichloroethane  
 Concen: 8.10 ug/l  
 RT: 9.20 min Scan# 1412  
 Delta R.T. -0.03 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

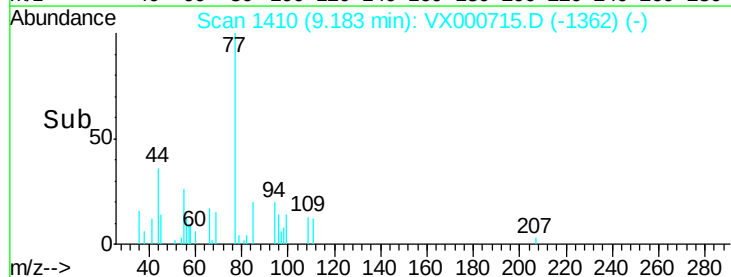
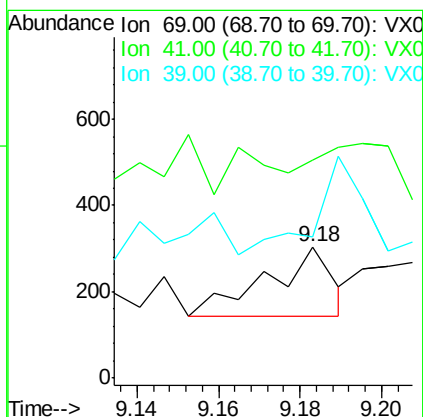
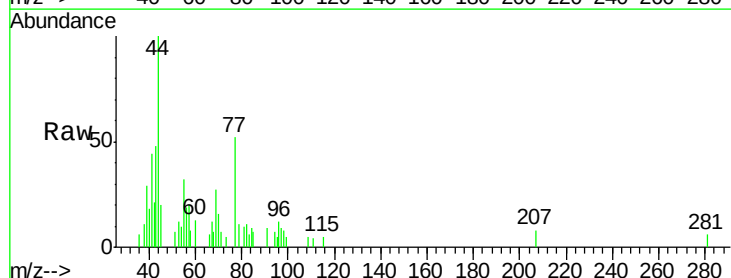
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 54    |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 56.3  | 65.7  | 98.5# |
| 85       | 77.7  | 42.8  | 64.2# |
| 99       | 105.8 | 50.6  | 76.0# |

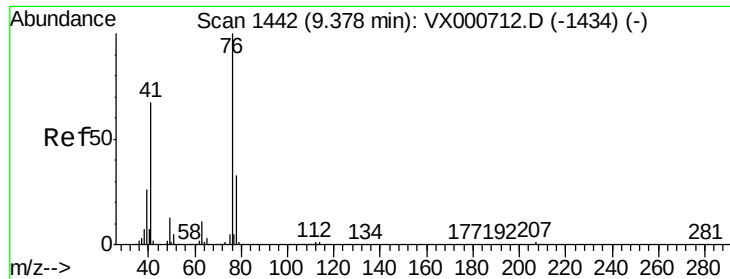


#56  
 Ethyl methacrylate  
 Concen: 16.97 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 184   |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 112.0 | 56.4  | 84.6# |
| 39       | 98.9  | 31.4  | 47.2# |



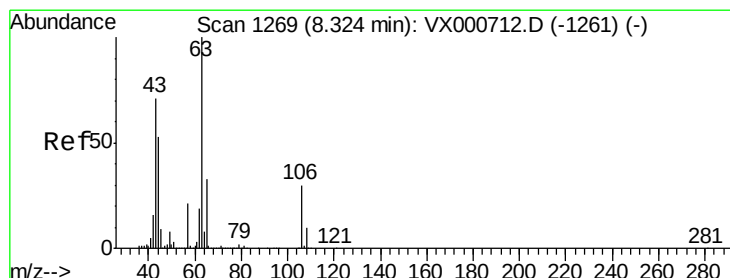
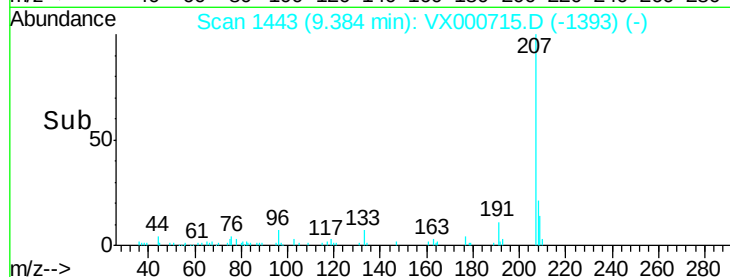
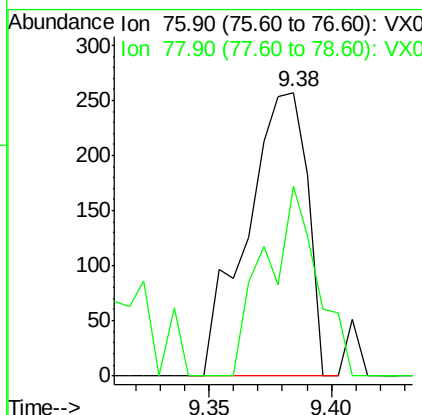
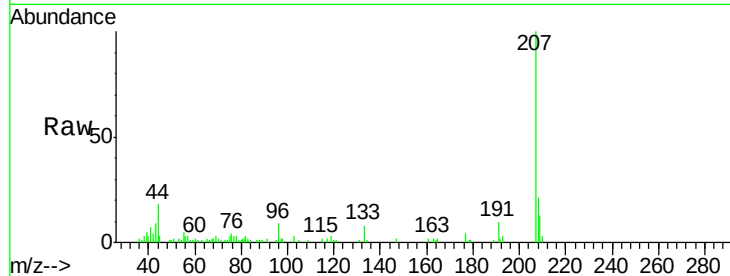




#57  
 1,3-Dichloropropane  
 Concen: 41.60 ug/l  
 RT: 9.38 min Scan# 1443  
 Delta R.T. 0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

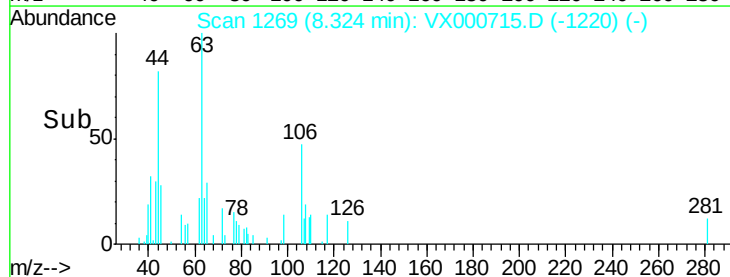
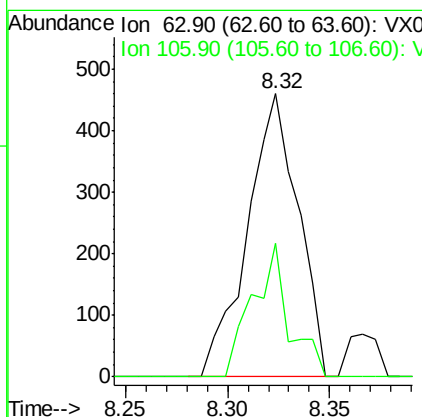
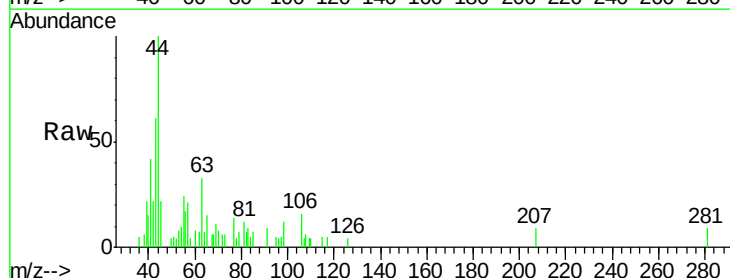
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK01

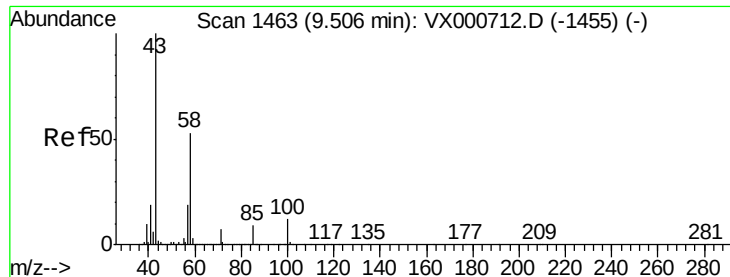
Tgt Ion: 76 Resp: 446  
 Ion Ratio Lower Upper  
 76 100  
 78 57.6 26.2 39.2#



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 173.78 ug/l  
 RT: 8.32 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion: 63 Resp: 798  
 Ion Ratio Lower Upper  
 63 100  
 106 33.8 24.0 36.0

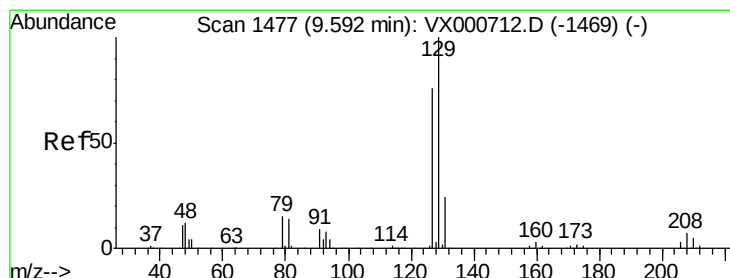
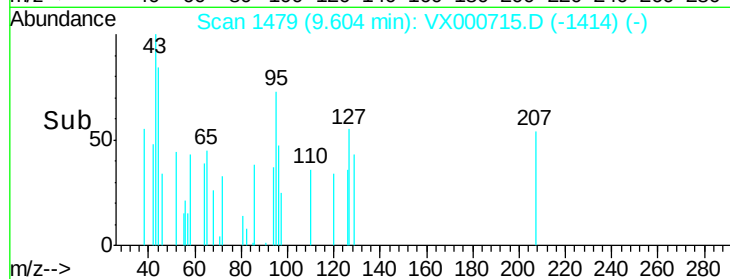
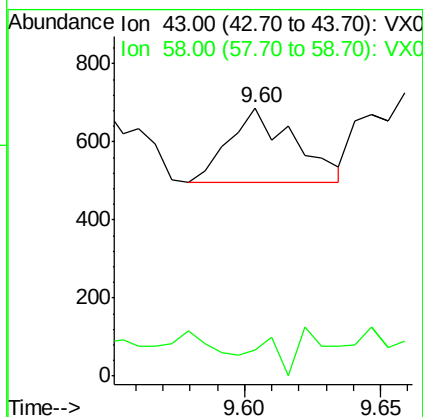
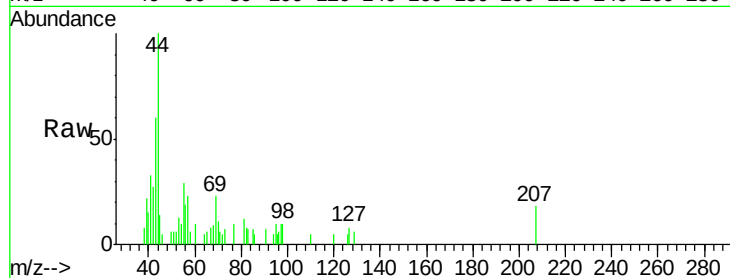




#59  
2-Hexanone  
Concen: 41.56 ug/l  
RT: 9.60 min Scan# 1479  
Delta R.T. 0.10 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

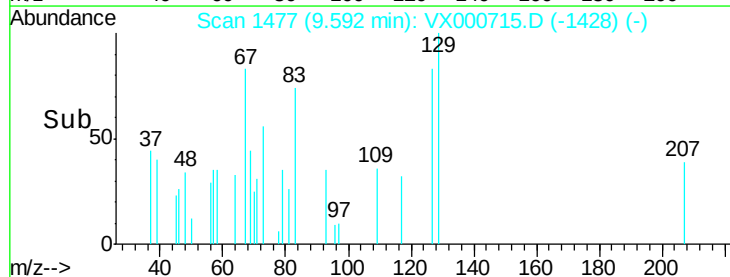
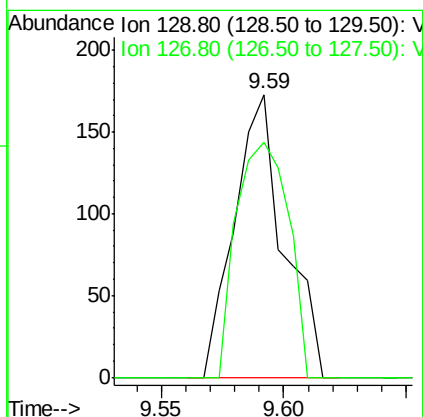
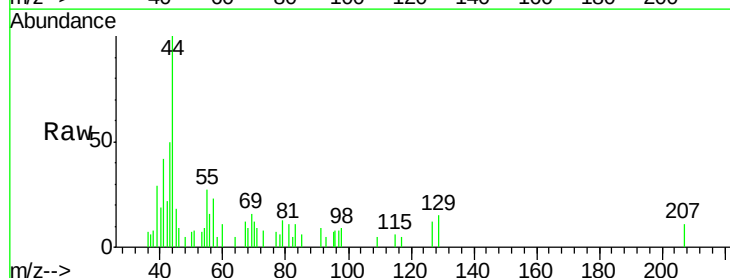
Instrument :  
MSVOA\_X  
ClientSampled :  
IBLK01

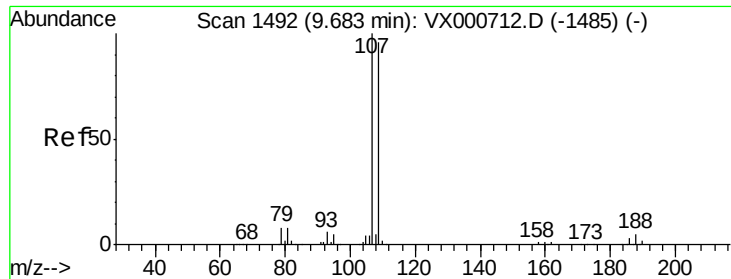
Tgt Ion: 43 Resp: 314  
Ion Ratio Lower Upper  
43 100  
58 32.5 25.9 77.8



#60  
Dibromochloromethane  
Concen: 29.23 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion: 129 Resp: 245  
Ion Ratio Lower Upper  
129 100  
127 87.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 79.20 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

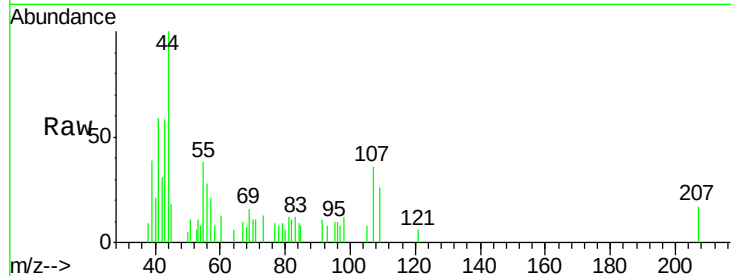
IBLK01

Tgt Ion: 107 Resp: 562

Ion Ratio Lower Upper

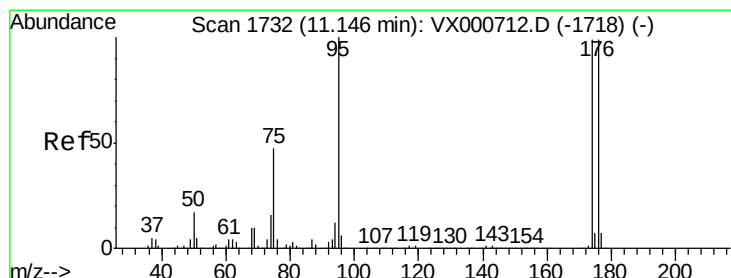
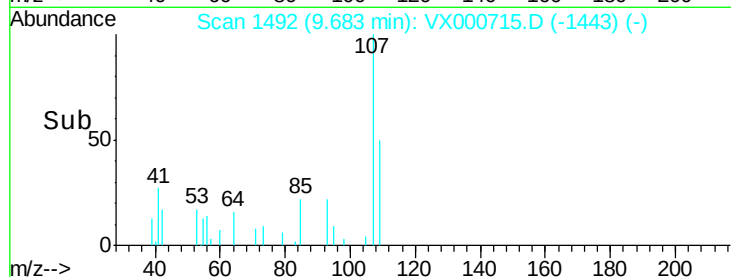
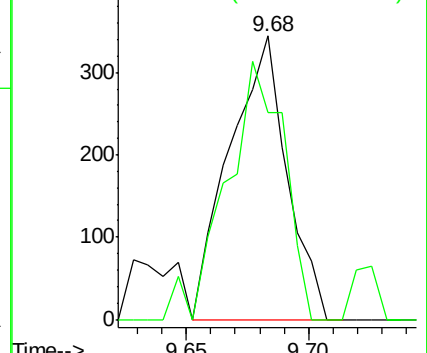
107 100

109 91.3 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 118.29 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

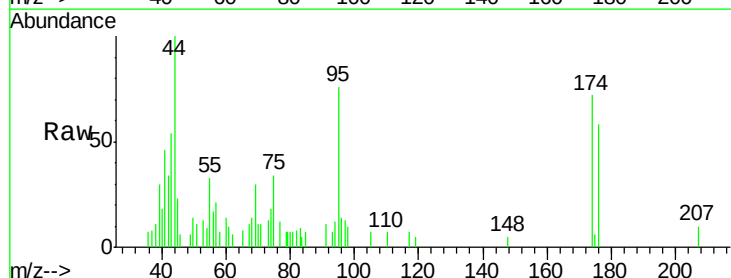
Tgt Ion: 95 Resp: 1203

Ion Ratio Lower Upper

95 100

174 79.3 0.0 191.6

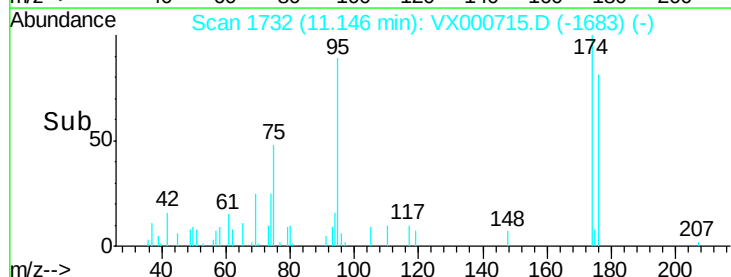
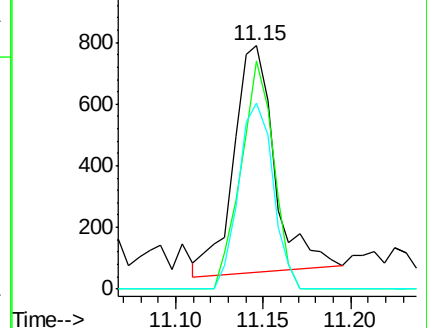
176 69.1 0.0 187.0

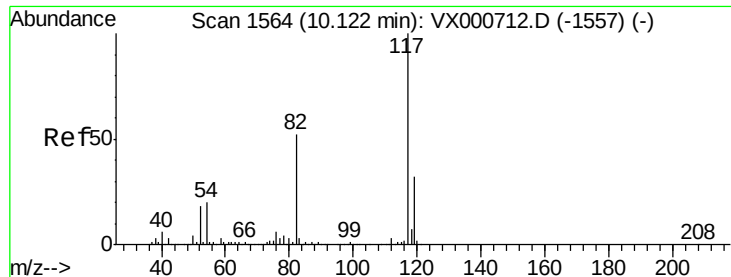


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

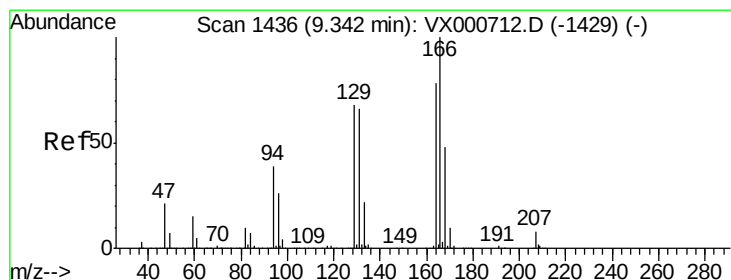
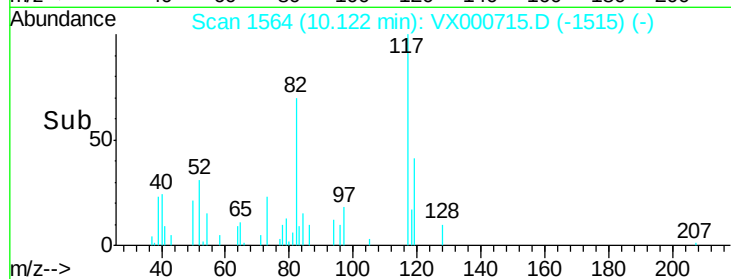
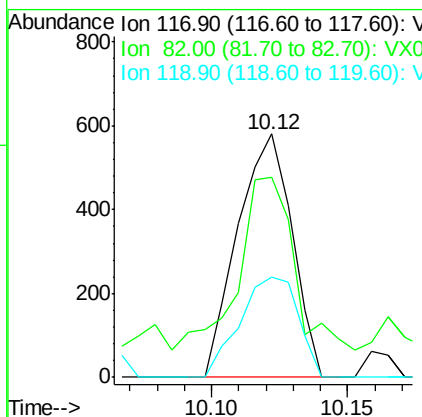
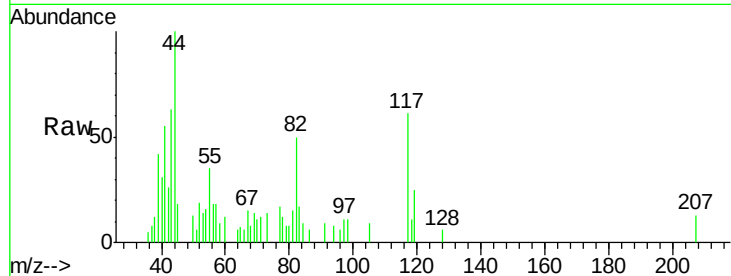




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

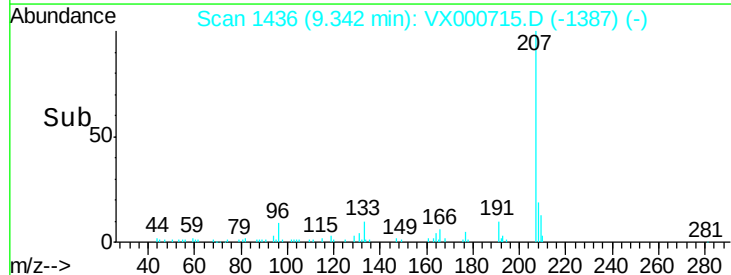
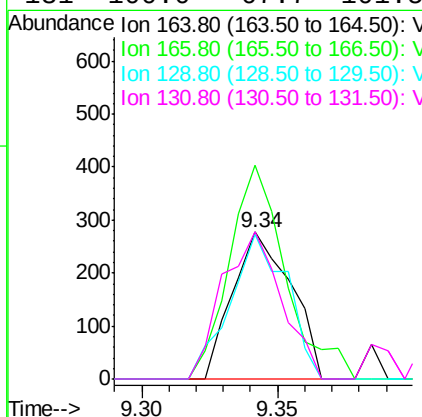
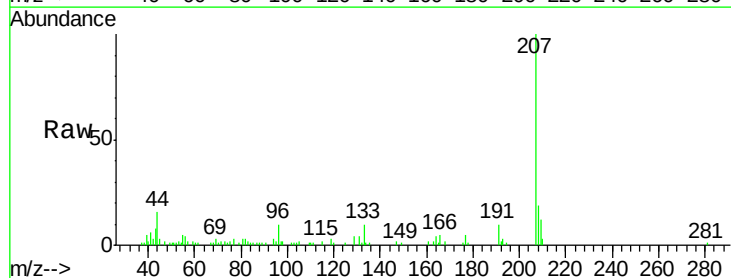
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK01

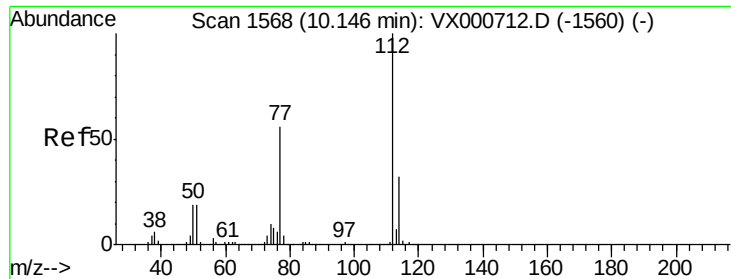
Tgt Ion:117 Resp: 803  
Ion Ratio Lower Upper  
117 100  
82 66.3 41.9 62.9#  
119 41.0 25.8 38.8#



#64  
Tetrachloroethene  
Concen: 68.43 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion:164 Resp: 412  
Ion Ratio Lower Upper  
164 100  
166 145.5 102.4 153.6  
129 98.2 69.3 103.9  
131 100.0 67.7 101.5





#65

Chlorobenzene

Concen: 69.01 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

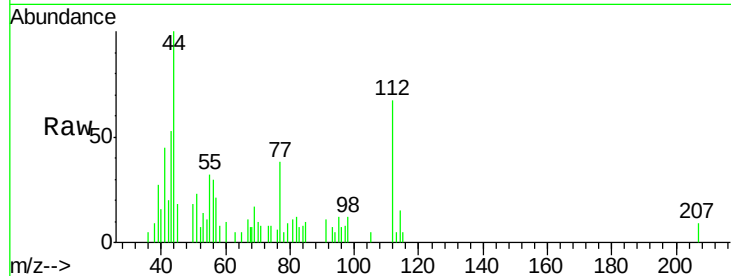
IBLK01

Tgt Ion:112 Resp: 1096

Ion Ratio Lower Upper

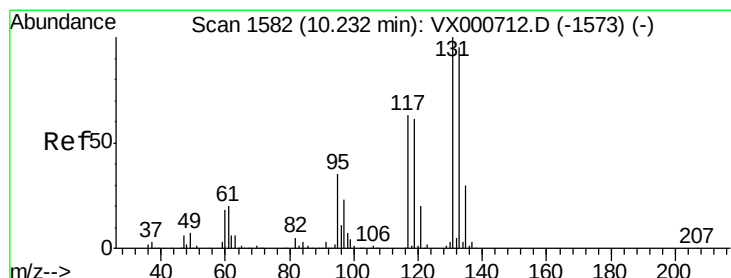
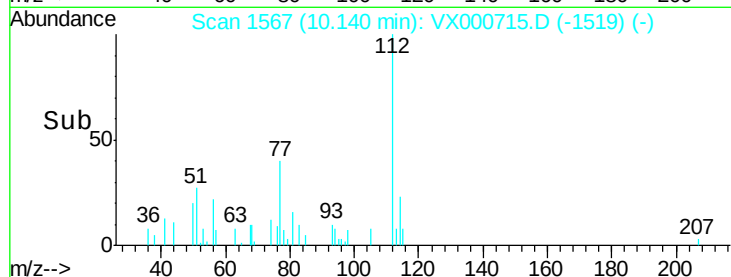
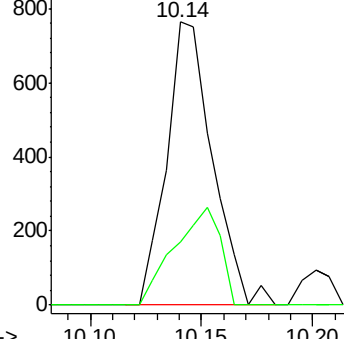
112 100

114 22.5 25.8 38.6#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 23.53 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

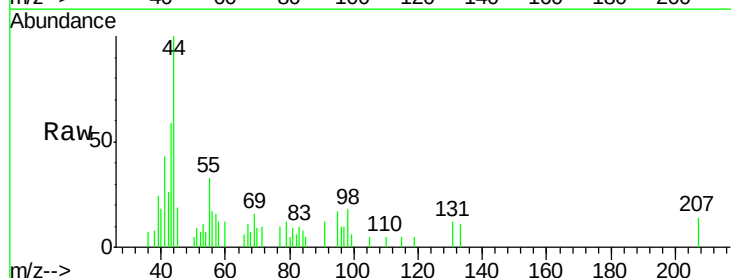
Tgt Ion:131 Resp: 147

Ion Ratio Lower Upper

131 100

133 102.7 48.0 144.2

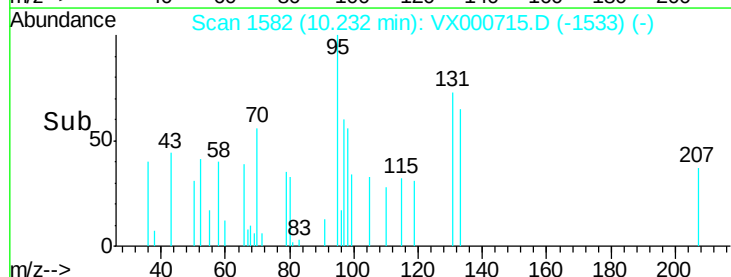
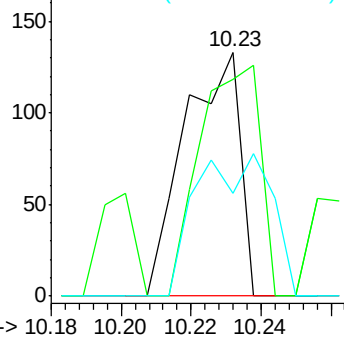
119 78.2 31.5 94.5

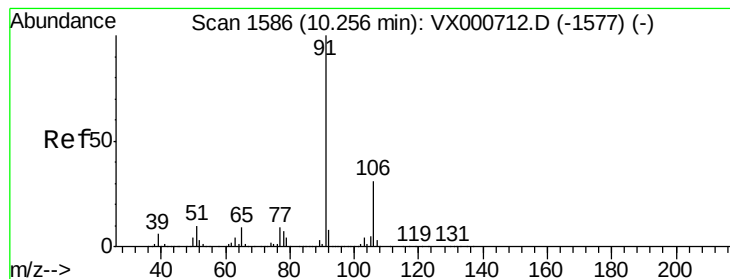


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 39.34 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

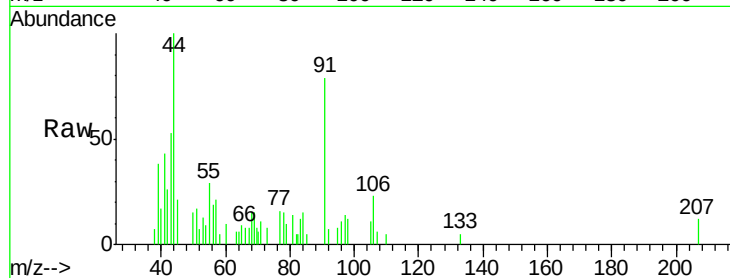
IBLK01

Tgt Ion: 91 Resp: 1049

Ion Ratio Lower Upper

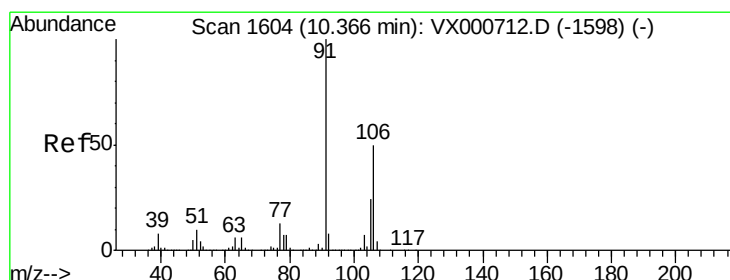
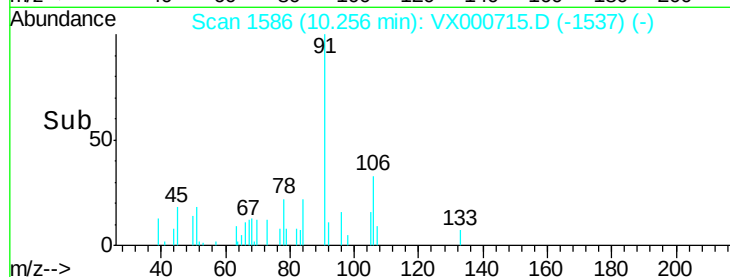
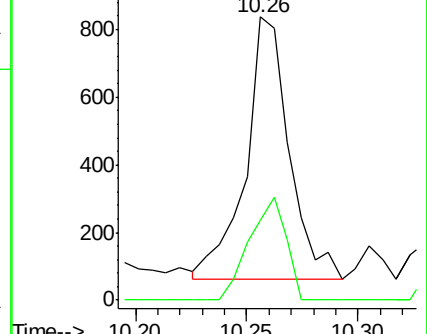
91 100

106 30.8 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.48 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000715.D

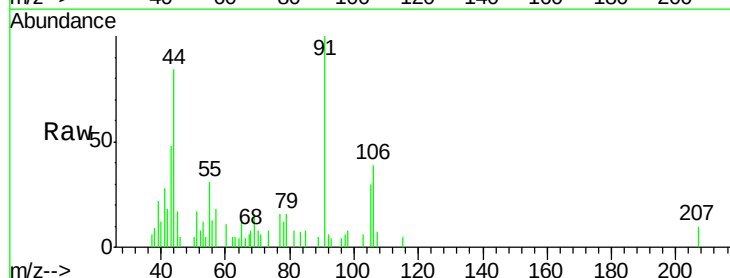
Acq: 07 Apr 2018 13:58

Tgt Ion: 106 Resp: 1016

Ion Ratio Lower Upper

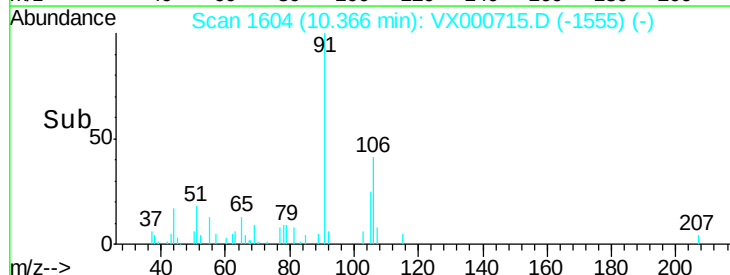
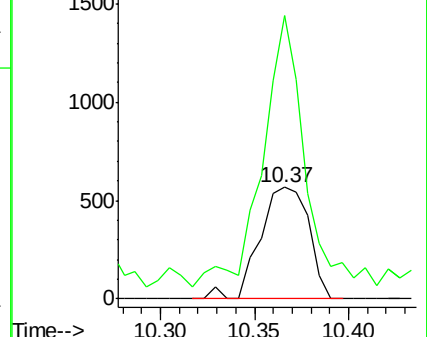
106 100

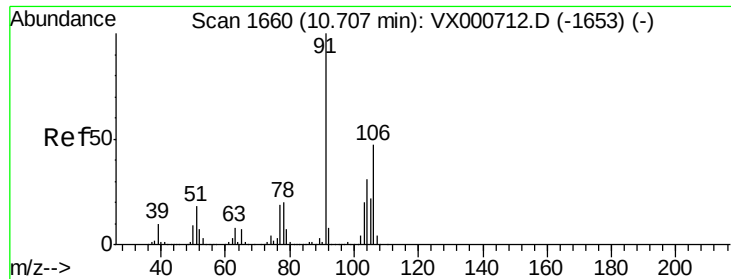
91 208.7 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

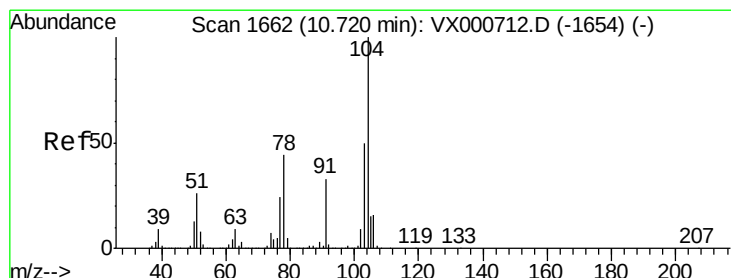
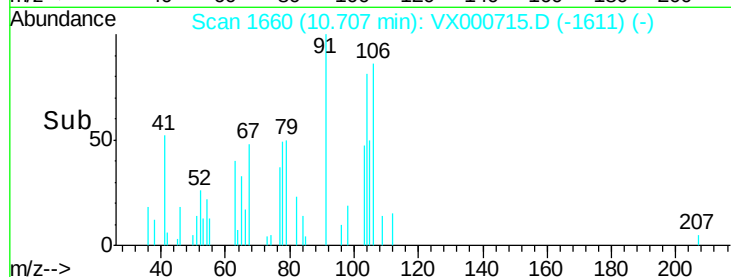
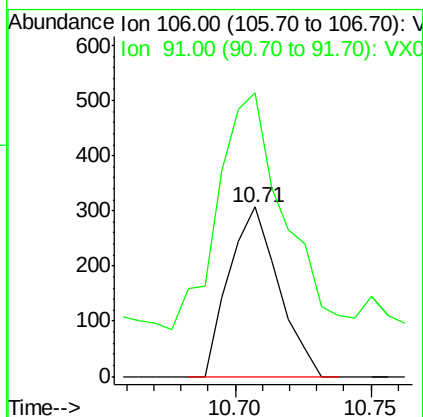
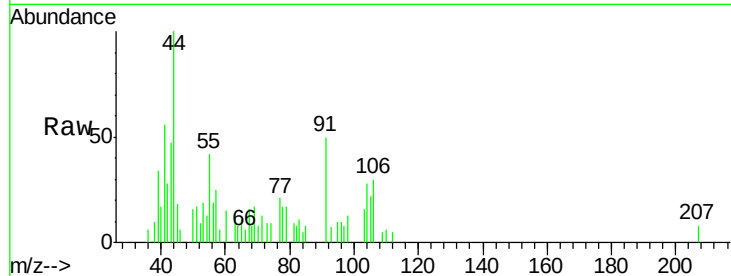




#69  
o-Xylene  
Concen: 37.82 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

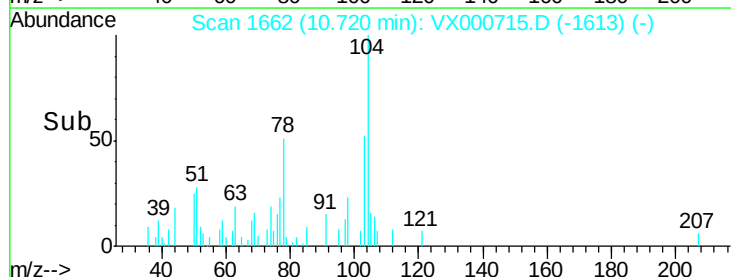
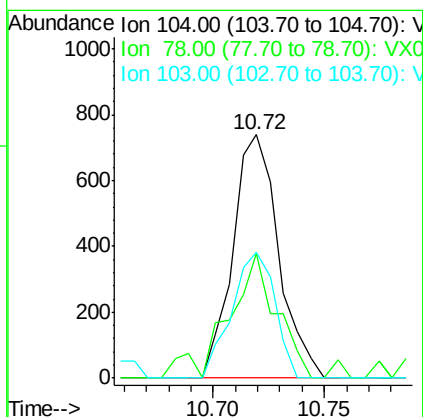
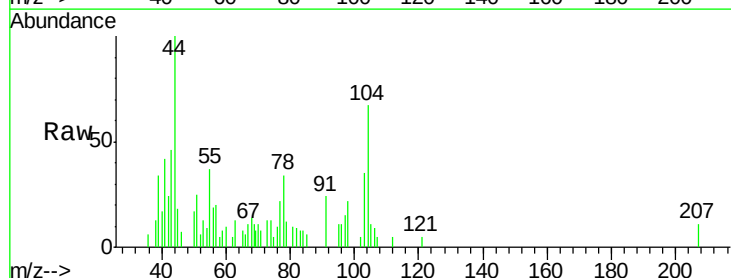
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK01

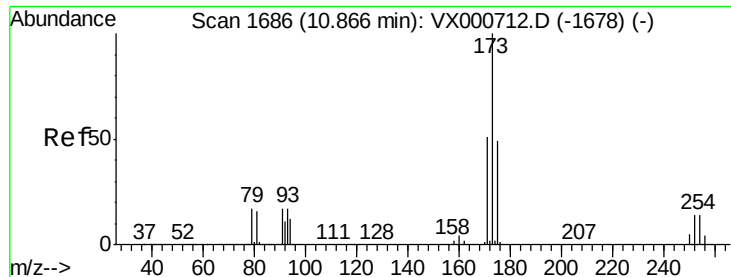
Tgt Ion:106 Resp: 387  
Ion Ratio Lower Upper  
106 100  
91 184.0 106.1 318.3



#70  
Styrene  
Concen: 60.37 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VX000715.D  
Acq: 07 Apr 2018 13:58

Tgt Ion:104 Resp: 1056  
Ion Ratio Lower Upper  
104 100  
78 54.7 39.8 59.6  
103 49.0 44.1 66.1





#71

Bromoform

Concen: 42.74 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

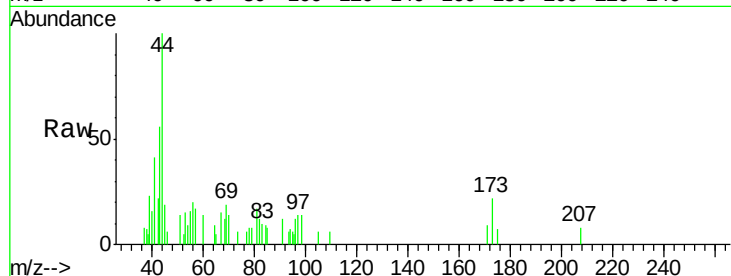
Tgt Ion:173 Resp: 262

Ion Ratio Lower Upper

173 100

175 20.6 24.2 72.6#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

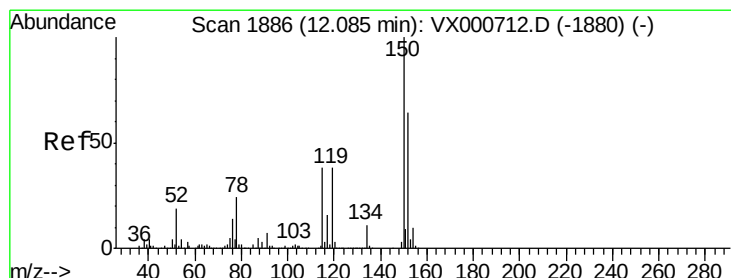
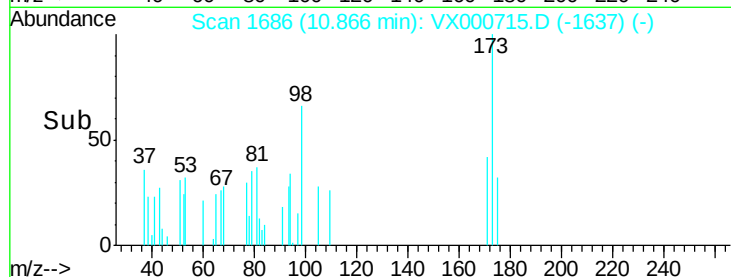
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->

10.87

10.85 10.90



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

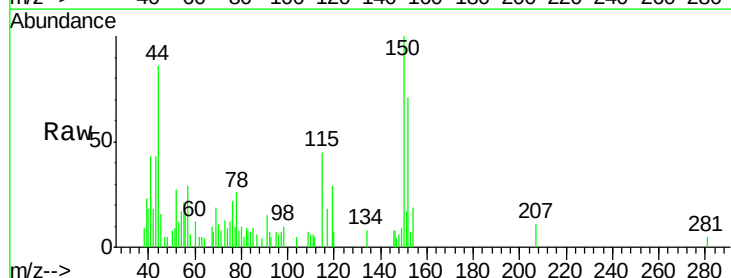
Tgt Ion:152 Resp: 1117

Ion Ratio Lower Upper

152 100

115 74.8 37.7 113.1

150 157.7 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

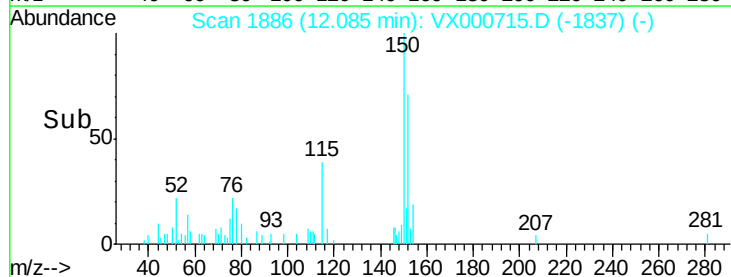
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

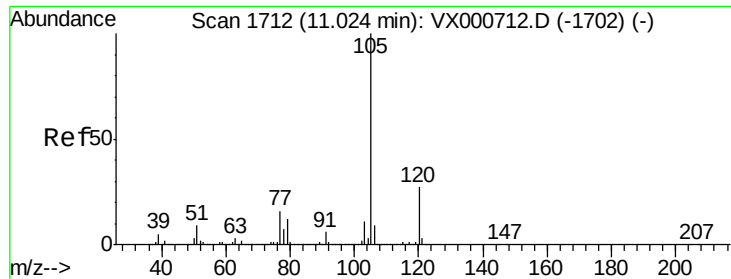
Time-->

12.09

12.05 12.10







#73

Isopropylbenzene

Concen: 19.01 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

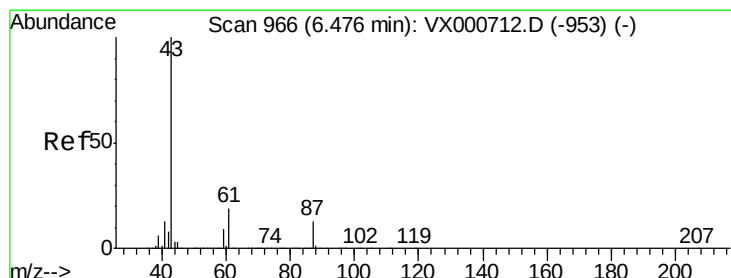
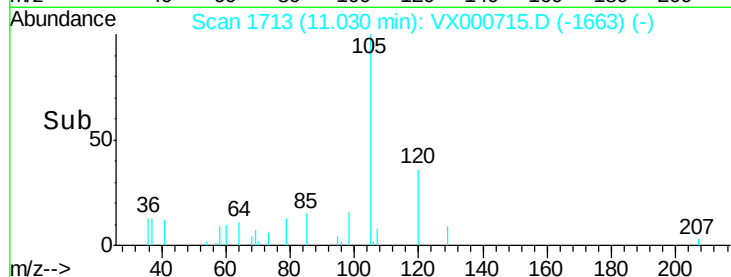
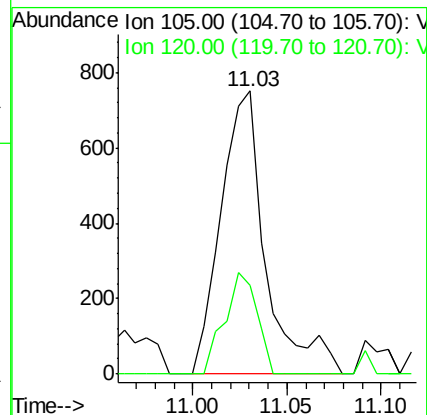
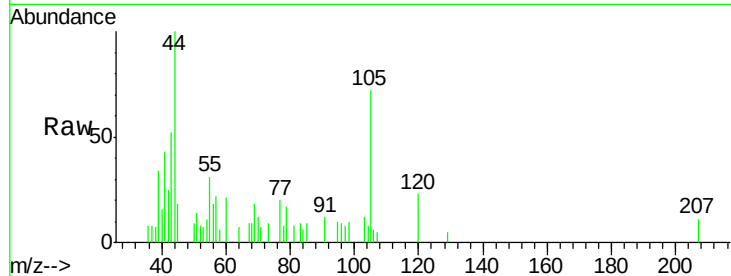
IBLK01

Tgt Ion: 105 Resp: 1238

Ion Ratio Lower Upper

105 100

120 25.8 13.7 41.0



#74

N-ethyl acetate

Concen: 12.49 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Tgt Ion: 43 Resp: 400

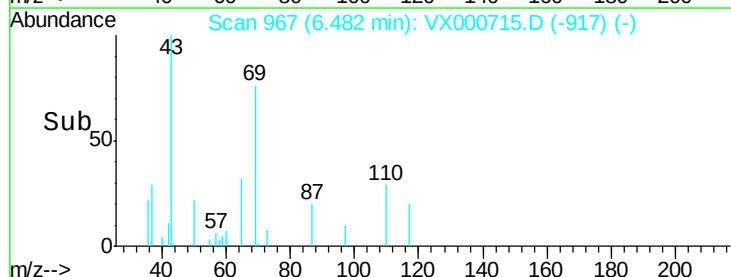
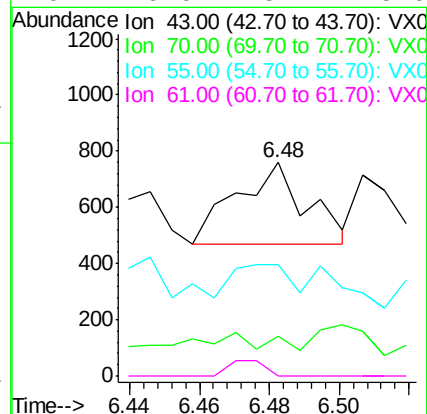
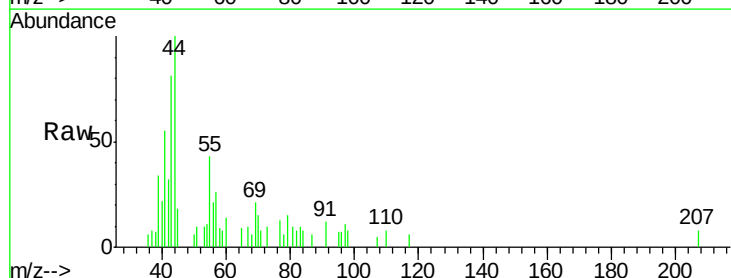
Ion Ratio Lower Upper

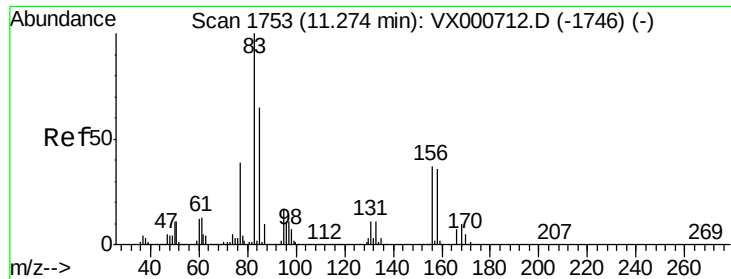
43 100

70 18.5 0.0 0.0#

55 71.0 0.0 0.0#

61 10.0 15.4 23.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 13.14 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

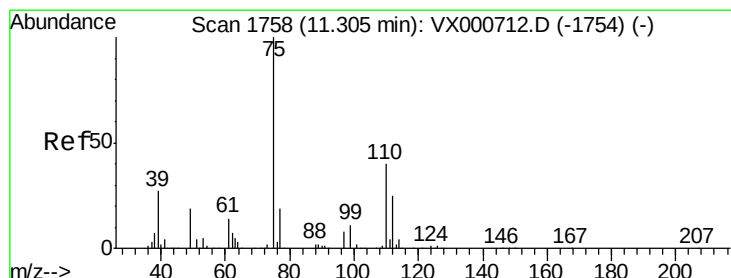
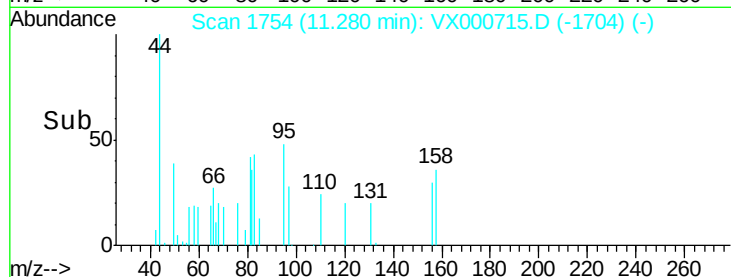
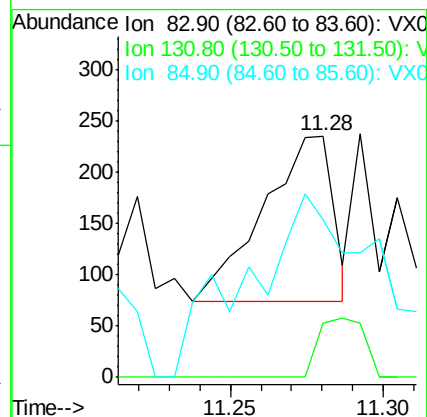
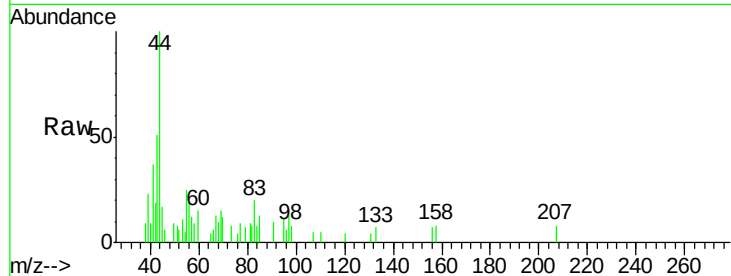
Tgt Ion: 83 Resp: 256

Ion Ratio Lower Upper

83 100

131 23.4 5.9 17.7#

85 117.2 32.6 98.0#



#76

1,2,3-Trichloropropane

Concen: 32.94 ug/l

RT: 11.32 min Scan# 1761

Delta R.T. 0.02 min

Lab File: VX000715.D

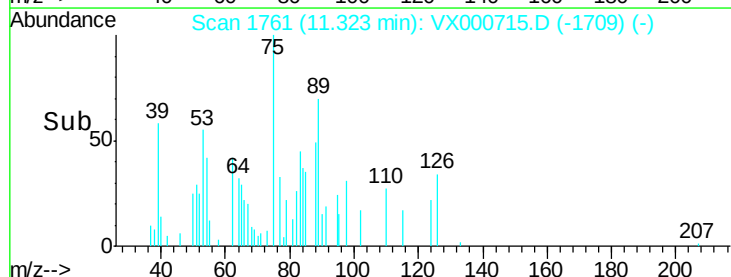
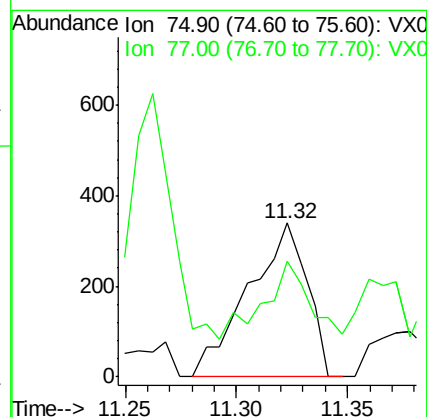
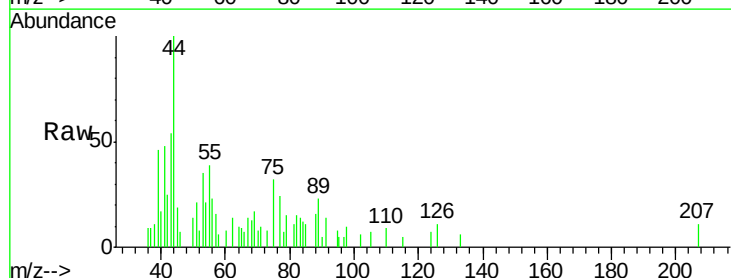
Acq: 07 Apr 2018 13:58

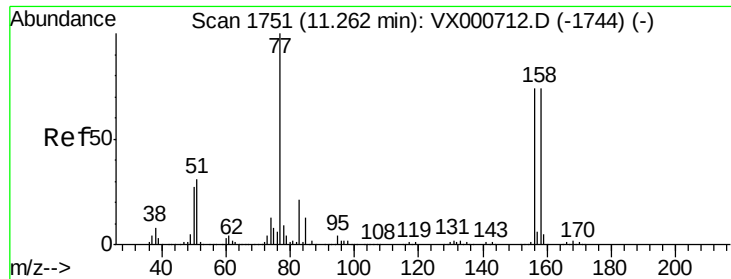
Tgt Ion: 75 Resp: 621

Ion Ratio Lower Upper

75 100

77 39.1 21.3 63.7





#77

Bromobenzene

Concen: 28.04 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

IBLK01

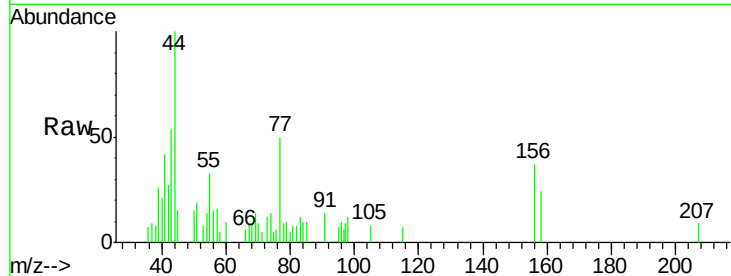
Tgt Ion:156 Resp: 523

Ion Ratio Lower Upper

156 100

77 155.6 68.3 205.1

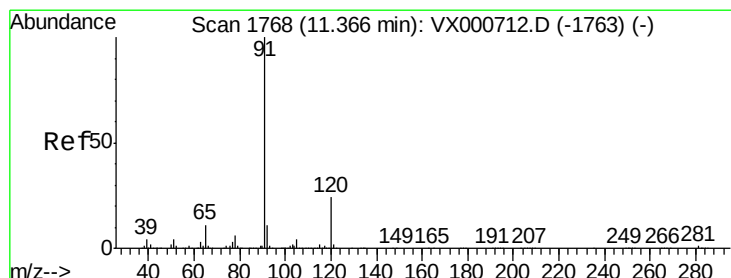
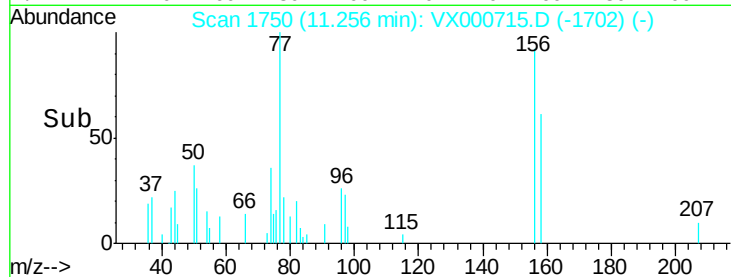
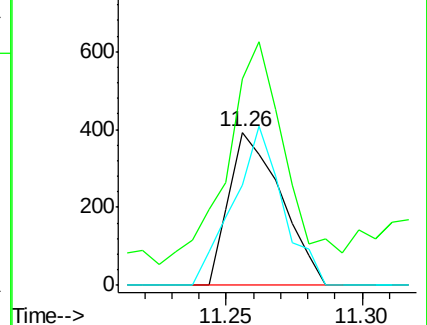
158 98.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 25.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000715.D

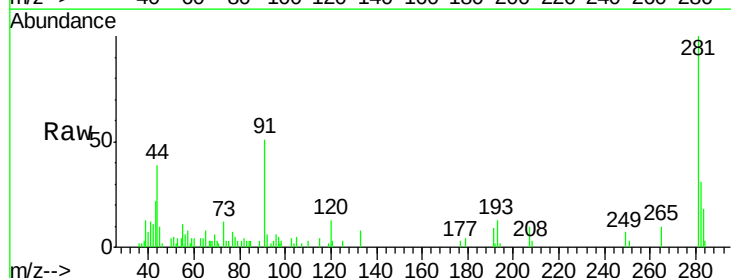
Acq: 07 Apr 2018 13:58

Tgt Ion: 91 Resp: 1860

Ion Ratio Lower Upper

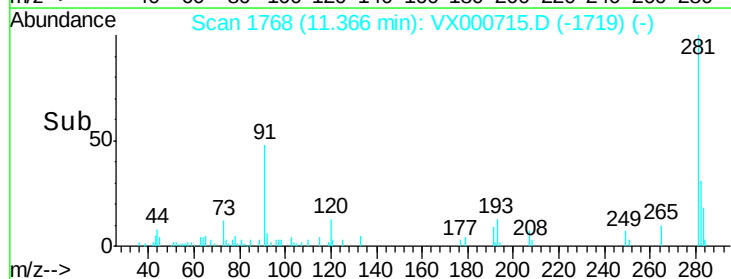
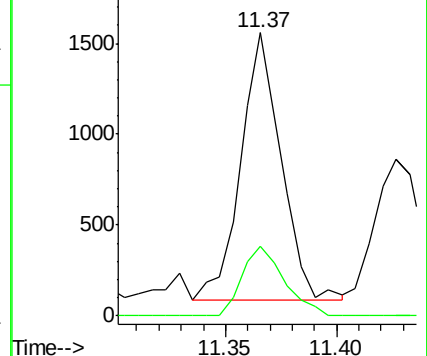
91 100

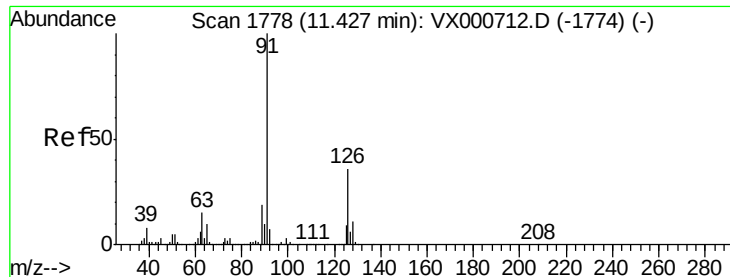
120 27.2 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 27.31 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

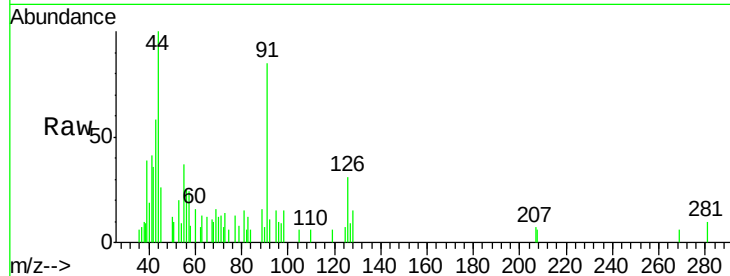
IBLK01

Tgt Ion: 91 Resp: 1200

Ion Ratio Lower Upper

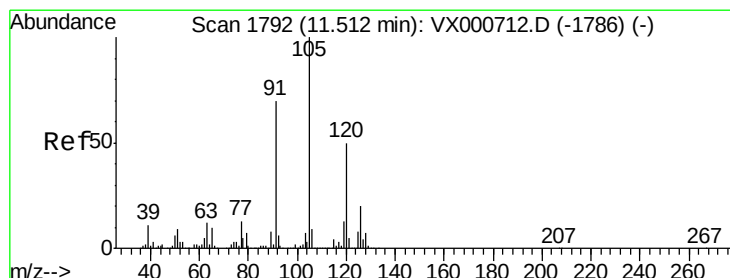
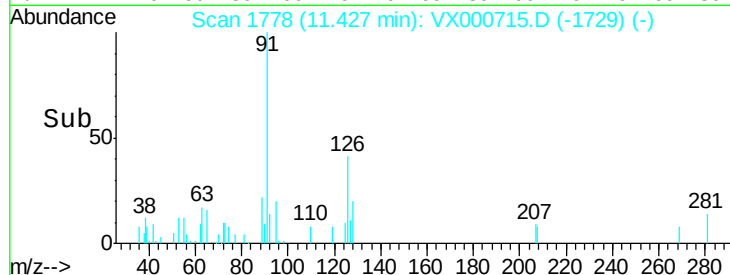
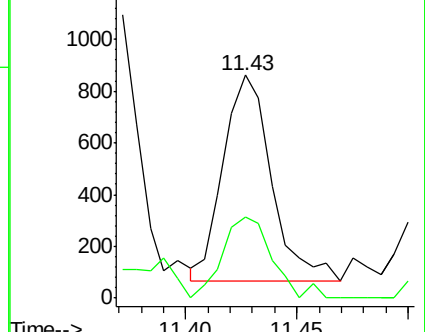
91 100

126 40.3 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 25.68 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000715.D

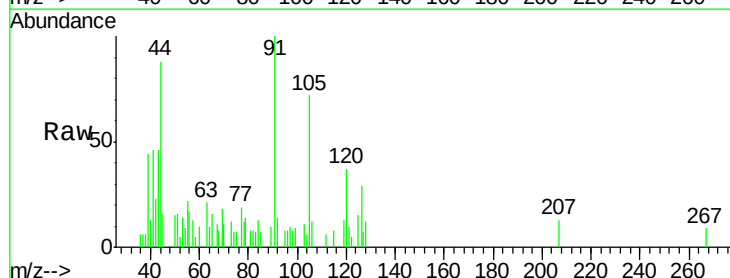
Acq: 07 Apr 2018 13:58

Tgt Ion: 105 Resp: 1439

Ion Ratio Lower Upper

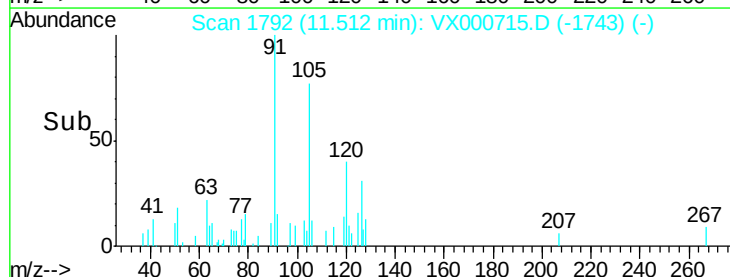
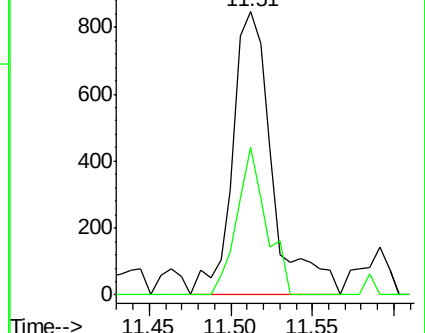
105 100

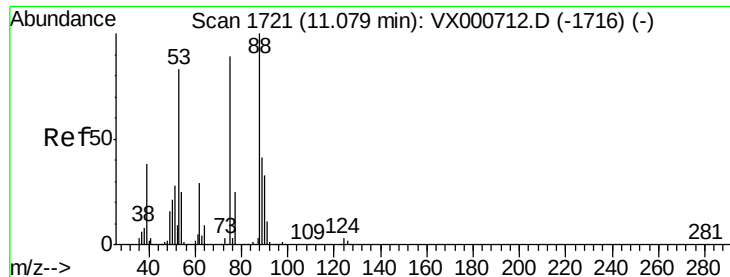
120 38.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 37.29 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampled :

IBLK01

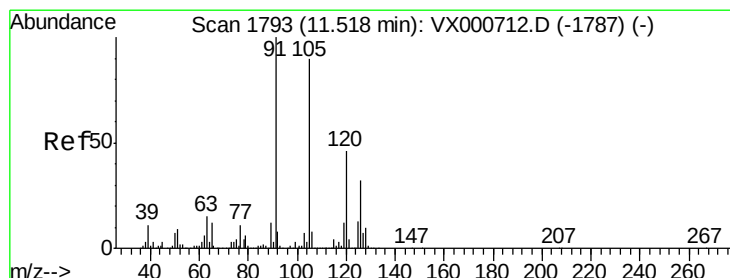
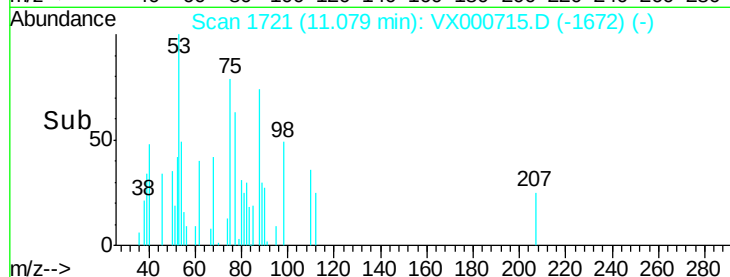
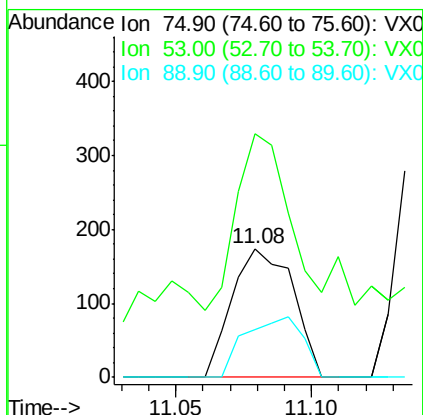
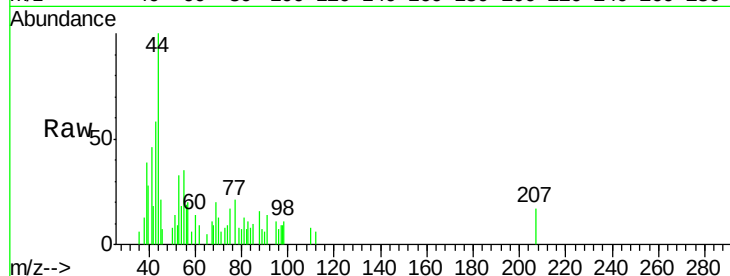
Tgt Ion: 75 Resp: 270

Ion Ratio Lower Upper

75 100

53 116.7 74.2 111.2#

89 44.4 46.6 69.8#



#82

4-Chlorotoluene

Concen: 36.58 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000715.D

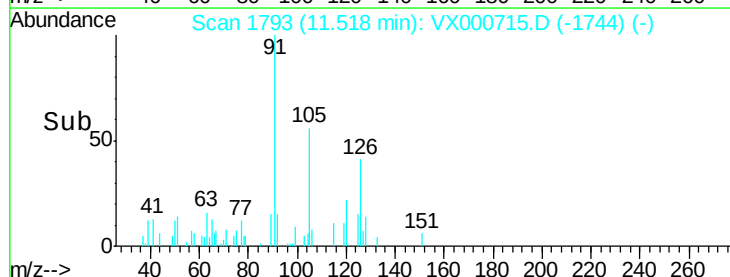
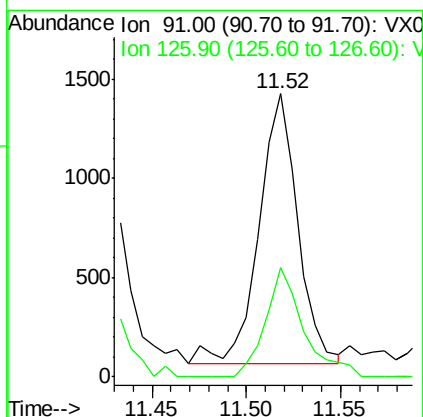
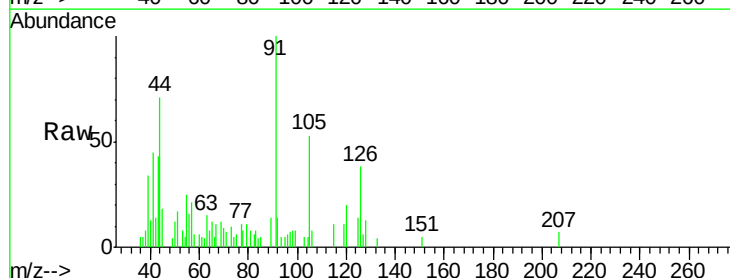
Acq: 07 Apr 2018 13:58

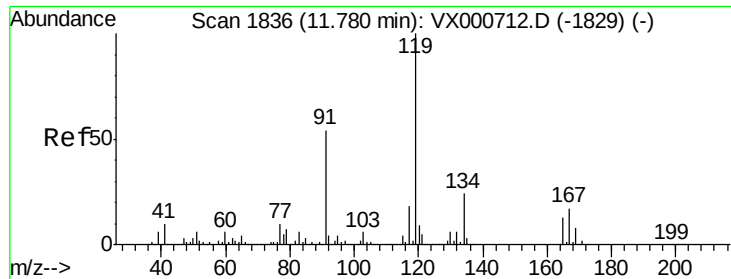
Tgt Ion: 91 Resp: 1943

Ion Ratio Lower Upper

91 100

126 39.7 16.0 48.0

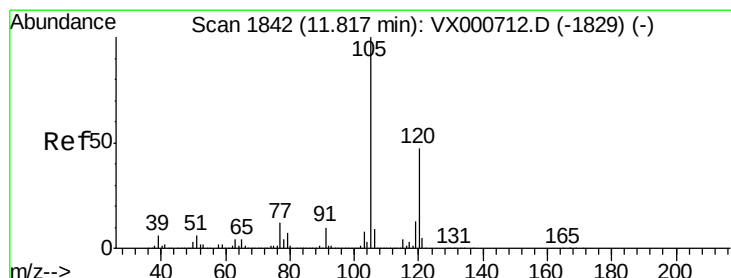
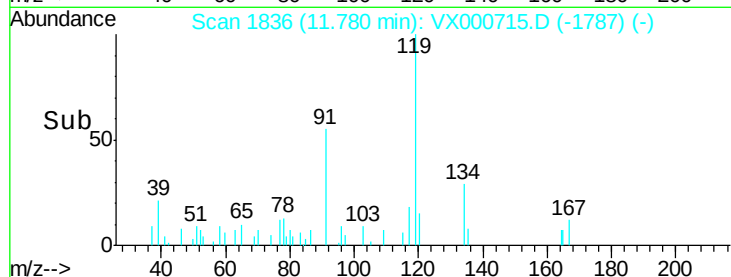
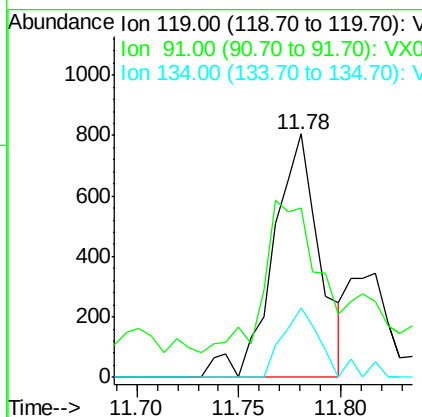
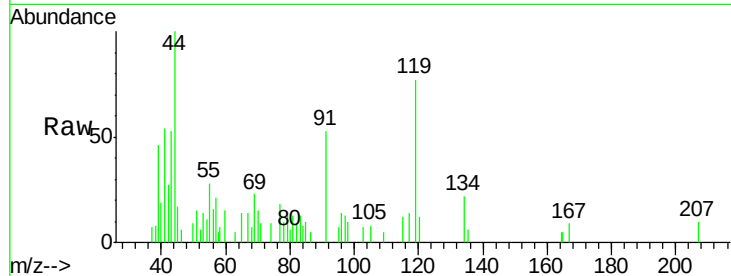




#83  
 tert-Butylbenzene  
 Concen: 22.14 ug/l  
 RT: 11.78 min Scan# 1836  
 Delta R.T. 0.00 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

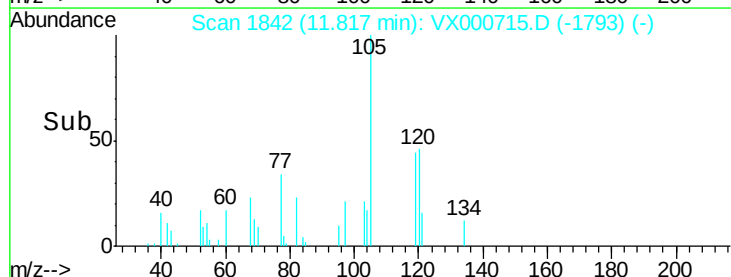
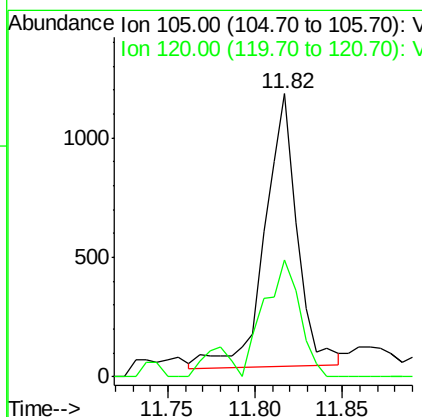
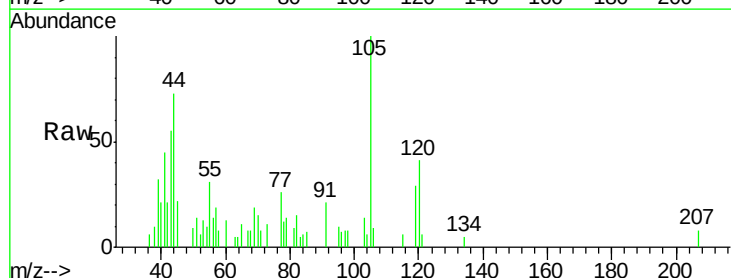
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK01

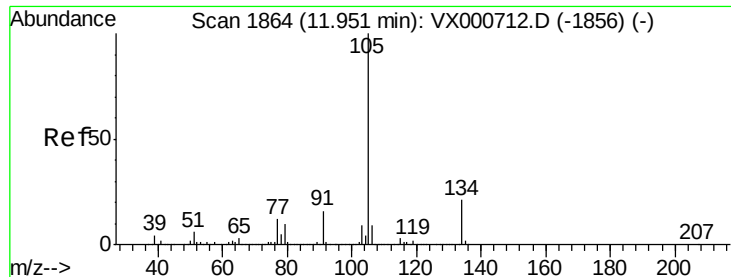
Tgt Ion:119 Resp: 1280  
 Ion Ratio Lower Upper  
 119 100  
 91 76.6 27.3 81.8  
 134 25.0 11.5 34.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 25.18 ug/l  
 RT: 11.82 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion:105 Resp: 1462  
 Ion Ratio Lower Upper  
 105 100  
 120 47.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 31.12 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

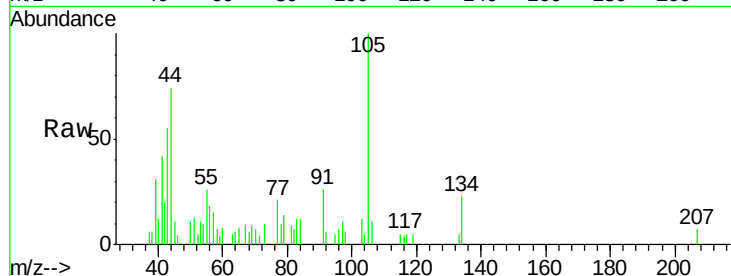
IBLK01

Tgt Ion:105 Resp: 2109

Ion Ratio Lower Upper

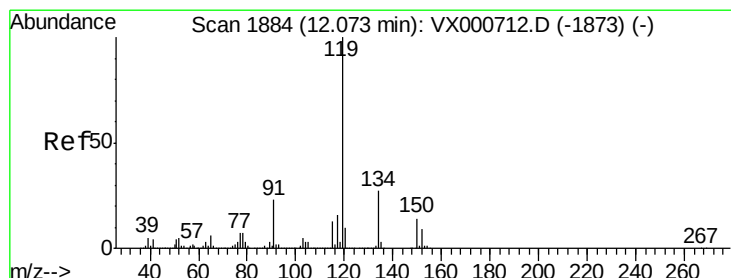
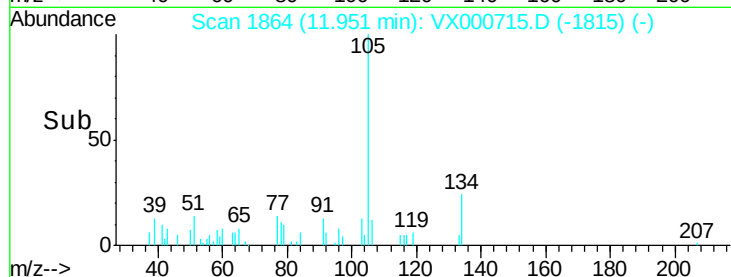
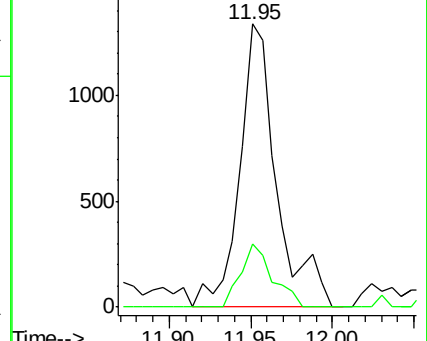
105 100

134 19.2 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 29.47 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

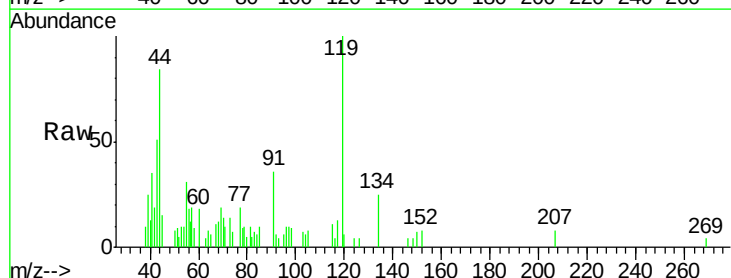
Tgt Ion:119 Resp: 1861

Ion Ratio Lower Upper

119 100

134 28.7 13.4 40.2

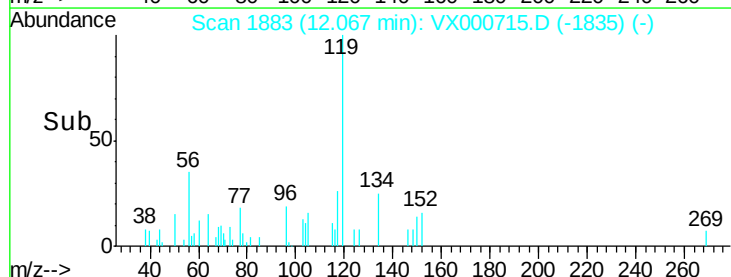
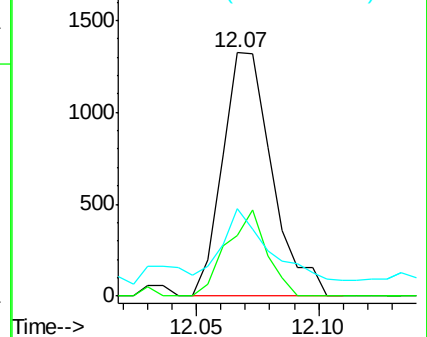
91 26.4 11.5 34.4

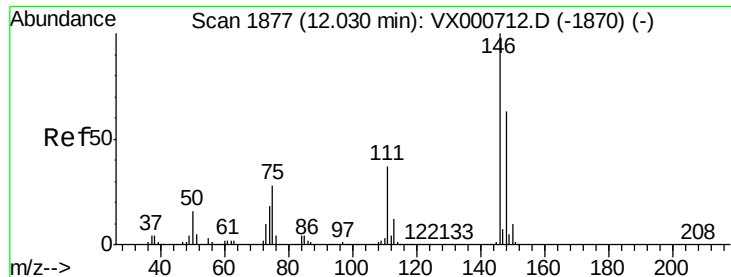


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

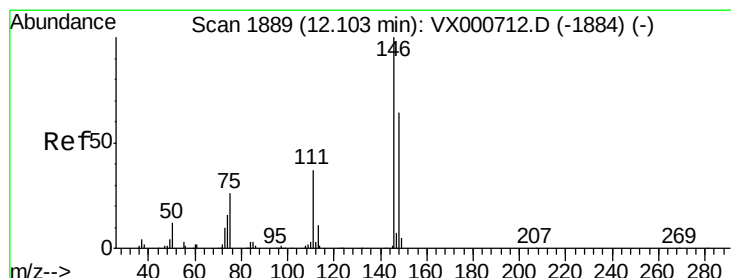
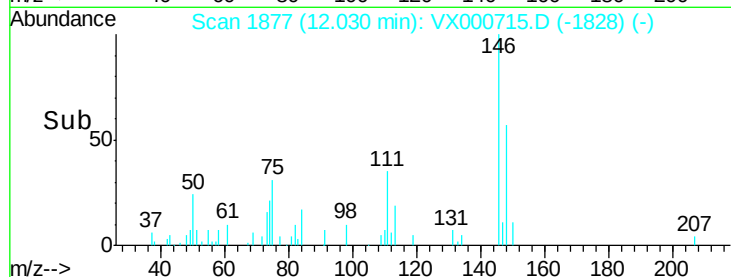
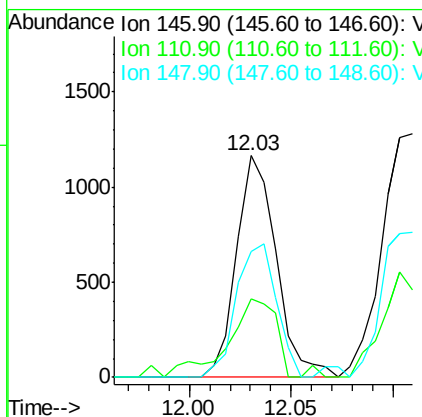
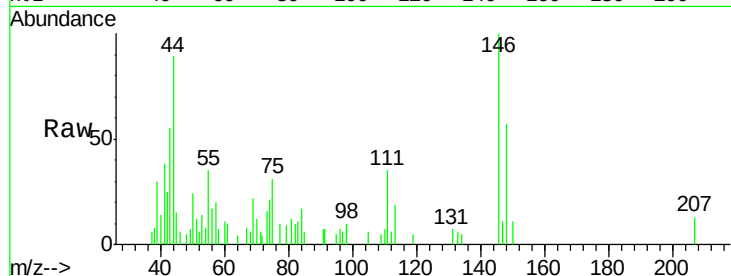




#87  
 1,3-Dichlorobenzene  
 Concen: 45.56 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

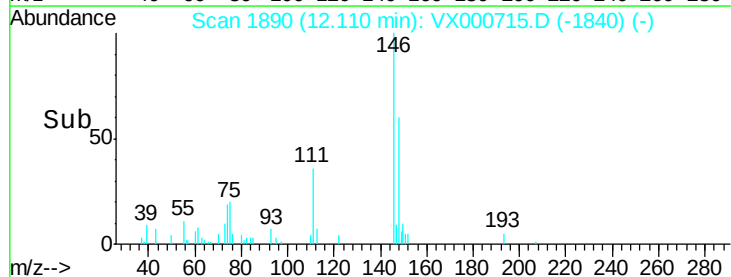
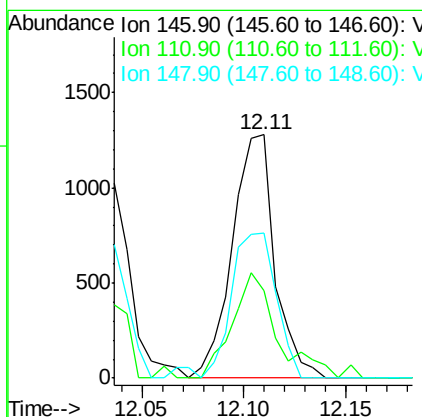
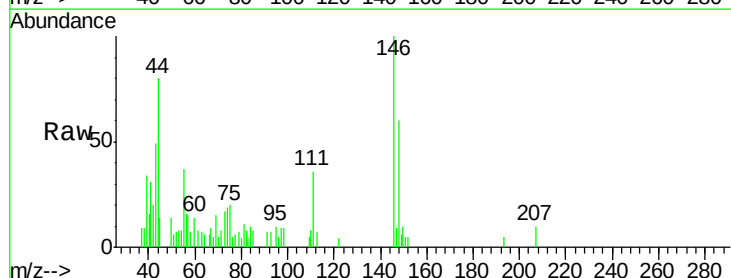
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK01

Tgt Ion:146 Resp: 1579  
 Ion Ratio Lower Upper  
 146 100  
 111 44.2 18.6 55.8  
 148 60.7 32.0 96.2

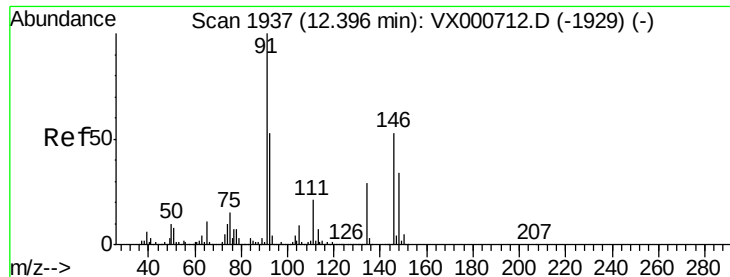


#88  
 1,4-Dichlorobenzene  
 Concen: 52.39 ug/l  
 RT: 12.11 min Scan# 1890  
 Delta R.T. 0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion:146 Resp: 1849  
 Ion Ratio Lower Upper  
 146 100  
 111 47.2 18.2 54.6  
 148 64.5 32.1 96.5







#89

n-Butylbenzene

Concen: 39.95 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

IBLK01

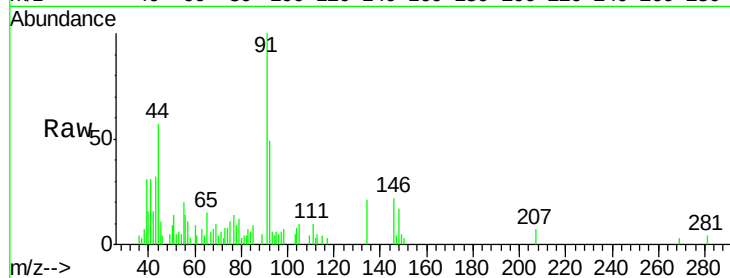
Tgt Ion: 91 Resp: 2235

Ion Ratio Lower Upper

91 100

92 58.8 26.7 80.0

134 27.0 14.4 43.0

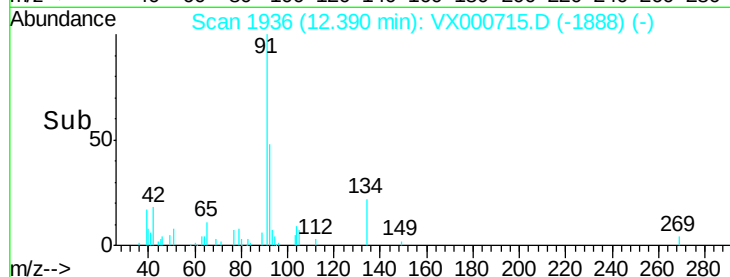


Abundance Ion 91.00 (90.70 to 91.70): VX000712.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000712.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000712.D (-1929) (-)

Time-->

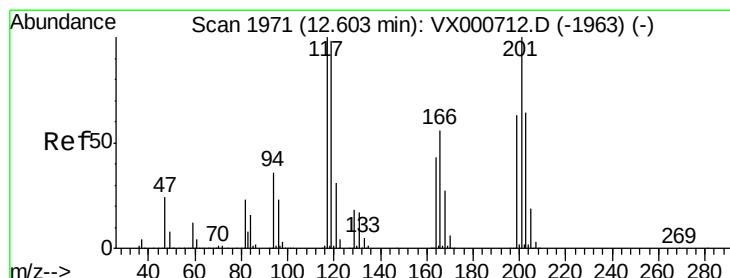


Abundance Ion 91.00 (90.70 to 91.70): VX000715.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX000715.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX000715.D (-1888) (-)

Time-->



#90

Hexachloroethane

Concen: 17.05 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX000715.D

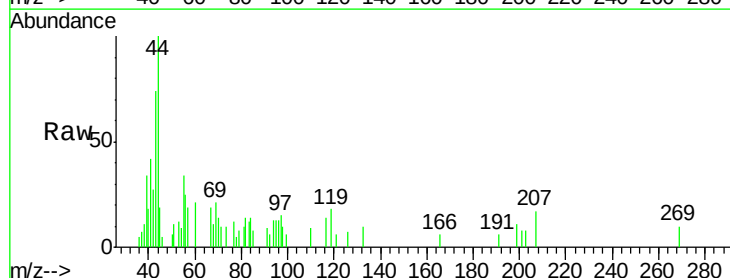
Acq: 07 Apr 2018 13:58

Tgt Ion: 117 Resp: 197

Ion Ratio Lower Upper

117 100

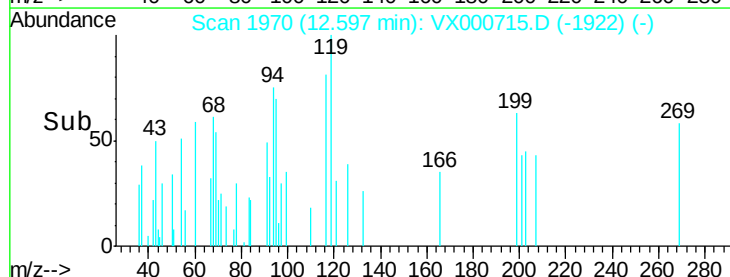
201 81.7 51.2 153.6



Abundance Ion 116.80 (116.50 to 117.50): VX000712.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000712.D (-1963) (-)

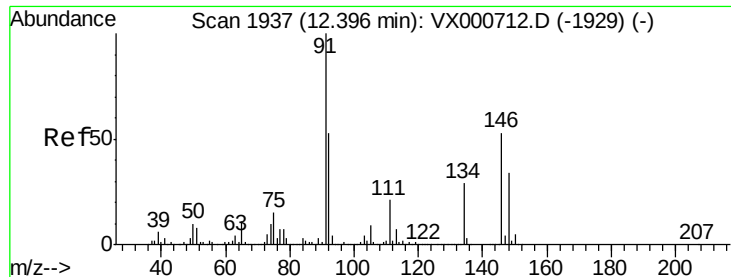
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX000715.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX000715.D (-1922) (-)

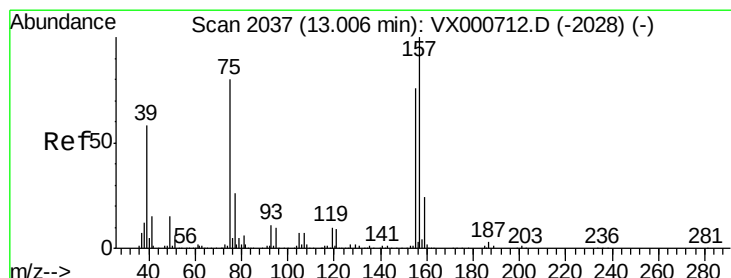
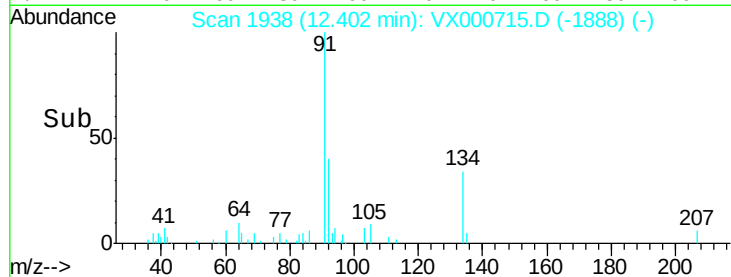
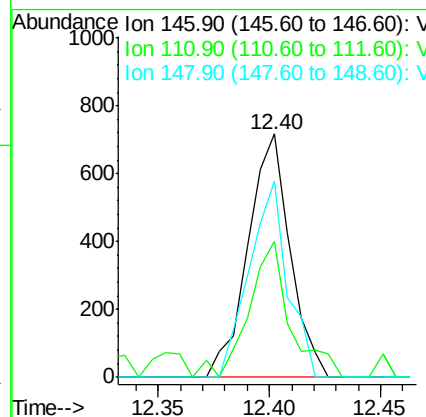
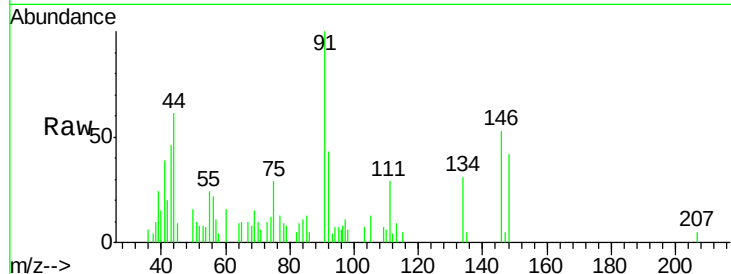
Time-->



#91  
 1,2-Dichlorobenzene  
 Concen: 27.66 ug/l  
 RT: 12.40 min Scan# 1938  
 Delta R.T. 0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

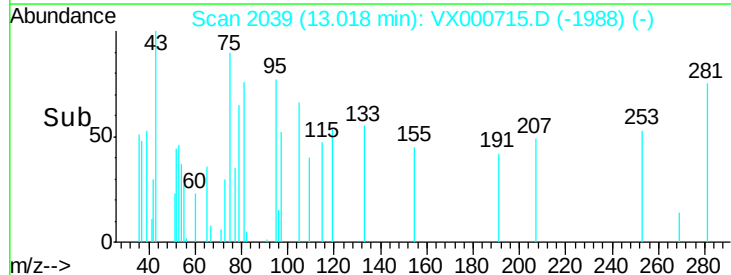
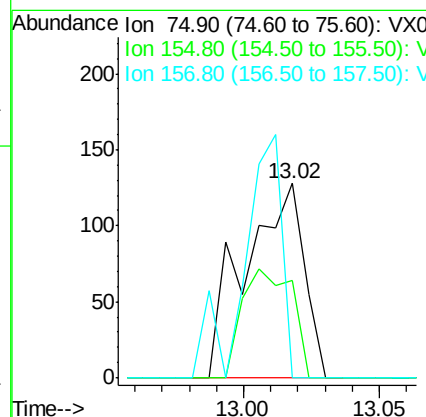
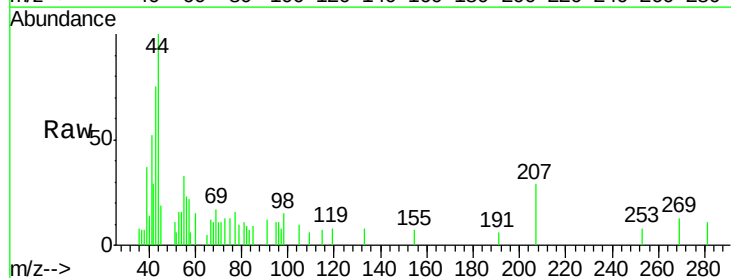
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK01

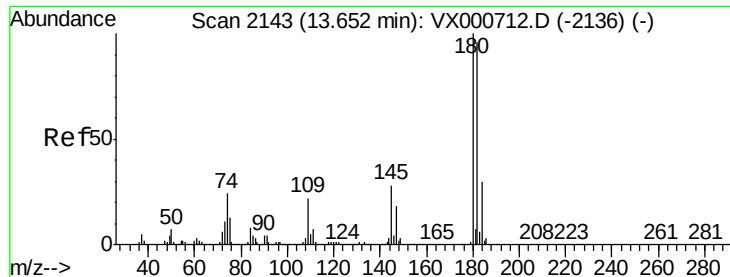
Tgt Ion:146 Resp: 945  
 Ion Ratio Lower Upper  
 146 100  
 111 54.9 19.3 57.9  
 148 72.9 31.9 95.7



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 36.71 ug/l  
 RT: 13.02 min Scan# 2039  
 Delta R.T. 0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion: 75 Resp: 192  
 Ion Ratio Lower Upper  
 75 100  
 155 47.4 48.4 145.0#  
 157 79.7 62.8 188.5

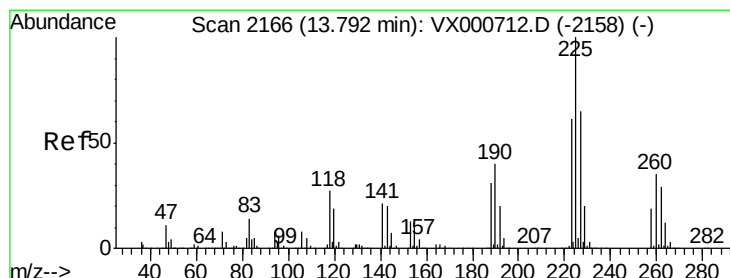
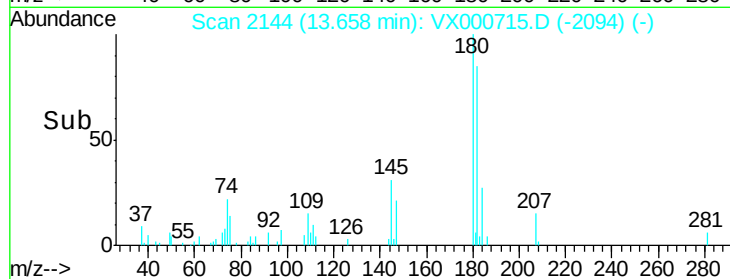
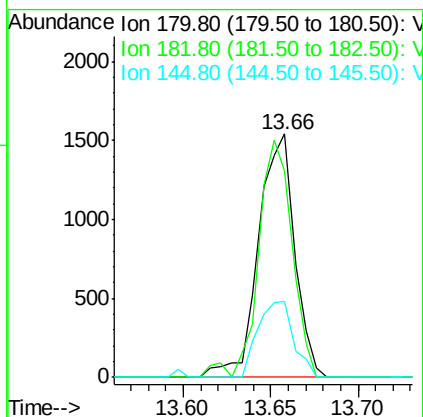
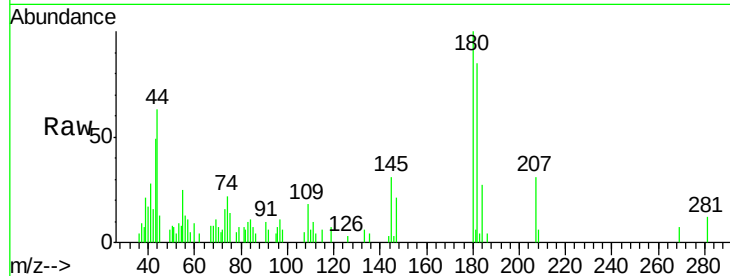




#93  
 1,2,4-Trichlorobenzene  
 Concen: 77.32 ug/l  
 RT: 13.66 min Scan# 2144  
 Delta R.T. 0.01 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

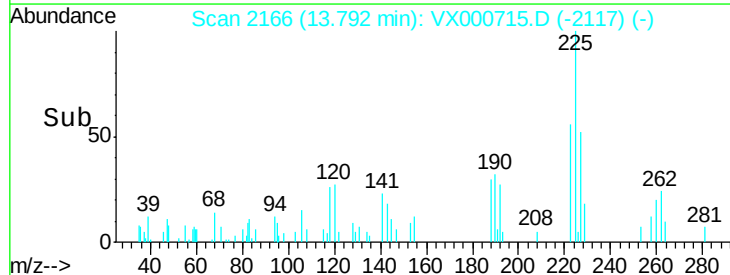
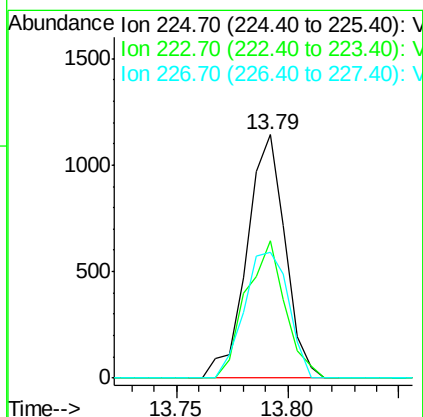
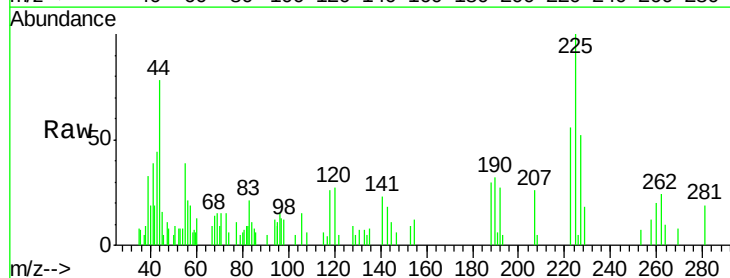
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK01

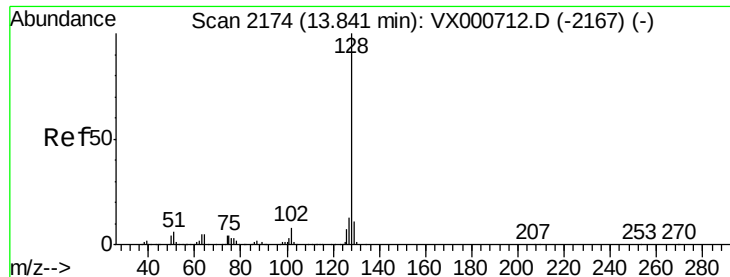
Tgt Ion:180 Resp: 2217  
 Ion Ratio Lower Upper  
 180 100  
 182 91.2 47.9 143.7  
 145 30.6 14.1 42.3



#94  
 Hexachlorobutadiene  
 Concen: 97.59 ug/l  
 RT: 13.79 min Scan# 2166  
 Delta R.T. 0.00 min  
 Lab File: VX000715.D  
 Acq: 07 Apr 2018 13:58

Tgt Ion:225 Resp: 1373  
 Ion Ratio Lower Upper  
 225 100  
 223 57.5 30.9 92.8  
 227 59.8 31.9 95.7





#95

Naphthalene

Concen: 69.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

Instrument :

MSVOA\_X

ClientSampleId :

IBLK01

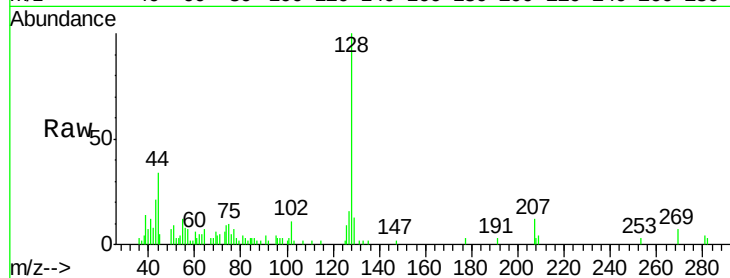
Tgt Ion:128 Resp: 5411

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

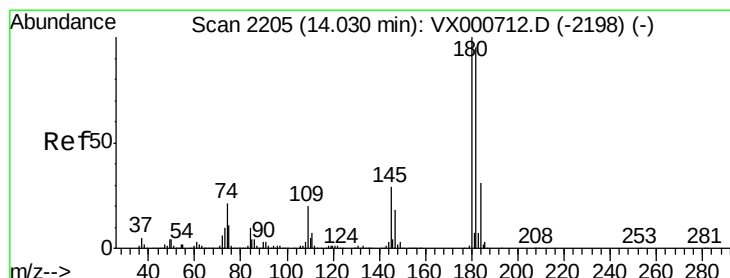
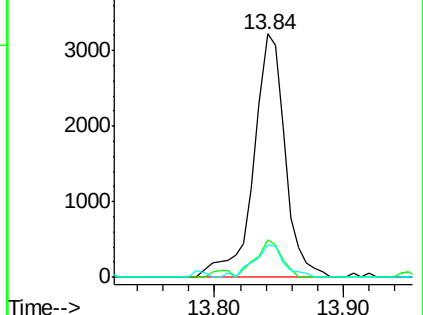
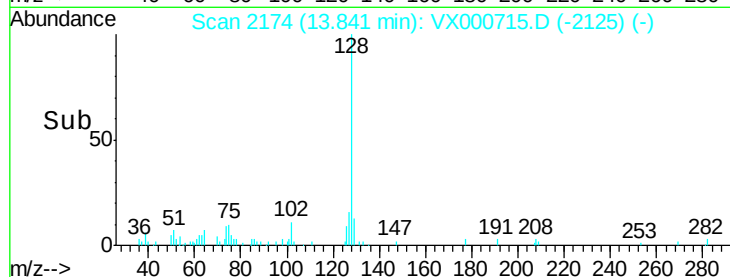
129 12.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 72.66 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000715.D

Acq: 07 Apr 2018 13:58

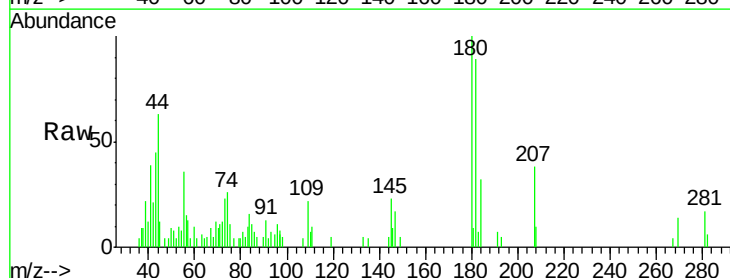
Tgt Ion:180 Resp: 2038

Ion Ratio Lower Upper

180 100

182 90.4 47.8 143.3

145 28.6 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

