

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\  
 Data File : VX007522.D  
 Acq On : 13 Feb 2019 16:04  
 Operator : JC/SP  
 Sample : K1460-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

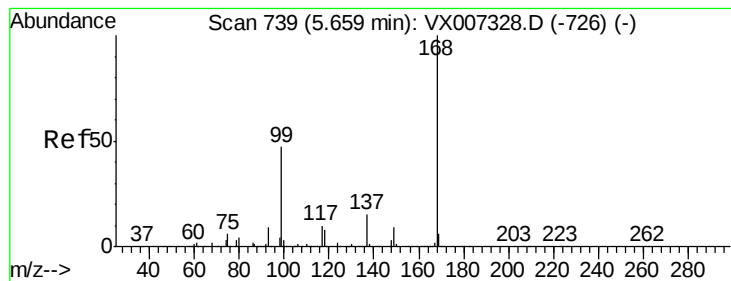
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-20190208

Quant Time: Feb 14 02:36:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.66  | 168  | 529682   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86  | 114  | 824272   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.11 | 117  | 771790   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08 | 152  | 375182   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |       |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.07  | 65   | 283962   | 50.51     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 101.02% |          |
| 35) Dibromofluoromethane       | 5.51  | 113  | 265836   | 49.57     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 99.14%  |          |
| 50) Toluene-d8                 | 8.71  | 98   | 974844   | 48.99     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 97.98%  |          |
| 62) 4-Bromofluorobenzene       | 11.13 | 95   | 352444   | 48.51     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 97.02%  |          |
| Target Compounds               |       |      |          |           |         |          |
|                                |       |      |          |           | Qvalue  |          |
| 2) Dichlorodifluoromethane     | 1.20  | 85   | 600      | 0.269     | ug/l    | 81       |
| 5) Bromomethane                | 1.65  | 94   | 1010     | Below Cal | #       | 58       |
| 10) Methyl Iodide              | 2.52  | 142  | 1919     | 0.240     | ug/l #  | 84       |
| 11) Tert butyl alcohol         | 3.03  | 59   | 8164     | 7.017     | ug/l #  | 77       |
| 13) Acrolein                   | 2.31  | 56   | 551      | 1.010     | ug/l    | 83       |
| 14) Allyl chloride             | 2.73  | 41   | 1930     | 0.234     | ug/l #  | 45       |
| 15) Acrylonitrile              | 3.15  | 53   | 1203     | 0.418     | ug/l #  | 71       |
| 16) Acetone                    | 2.45  | 43   | 45691    | 17.742    | ug/l    | 98       |
| 17) Carbon Disulfide           | 2.57  | 76   | 3445     | 2.371     | ug/l #  | 81       |
| 18) Methyl Acetate             | 2.78  | 43   | 2629     | 0.980     | ug/l #  | 65       |
| 25) 2-Butanone                 | 4.71  | 43   | 8241     | 2.249     | ug/l    | 98       |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 1343     | 0.228     | ug/l    | 80       |
| 29) Tetrahydrofuran            | 5.17  | 42   | 3279     | 1.423     | ug/l #  | 78       |
| 30) Chloroform                 | 5.21  | 83   | 59421    | 6.542     | ug/l    | 99       |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 33680    | 4.554     | ug/l #  | 49       |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 46696    | 6.508     | ug/l #  | 17       |
| 47) Bromodichloromethane       | 7.90  | 83   | 15109    | 2.247     | ug/l    | 93       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 370      | 9.678     | ug/l #  | 67       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 5284     | 0.696     | ug/l    | 97       |
| 52) Toluene                    | 8.78  | 92   | 33387    | 2.375     | ug/l    | 98       |
| 59) 2-Hexanone                 | 9.51  | 43   | 1342     | 0.227     | ug/l    | 86       |
| 60) Dibromochloromethane       | 9.58  | 129  | 3852     | 0.695     | ug/l    | 92       |
| 64) Tetrachloroethene          | 9.33  | 164  | 7492     | 1.030     | ug/l    | 96       |
| 68) m/p-Xylenes                | 10.36 | 106  | 5324     | 0.494     | ug/l    | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 2350     | 0.227     | ug/l    | 99       |
| 71) Bromoform                  | 10.87 | 173  | 290      | 4.083     | ug/l #  | 29       |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 168247   | 23.055    | ug/l #  | 32       |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 168247   | 69.462    | ug/l #  | 9        |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 4905     | 0.232     | ug/l    | 93       |
| 95) Naphthalene                | 13.83 | 128  | 8633     | 0.341     | ug/l    | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

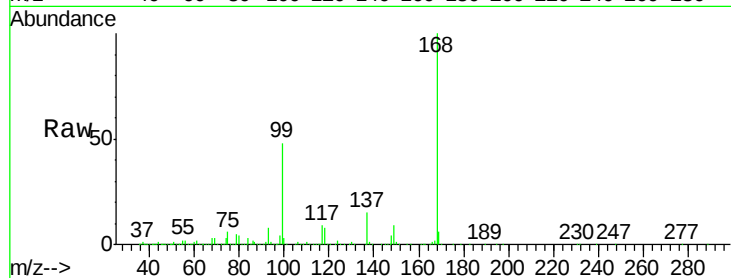
WC-20190208

Tot Ion:168 Resp: 529682

Ion Ratio Lower Upper

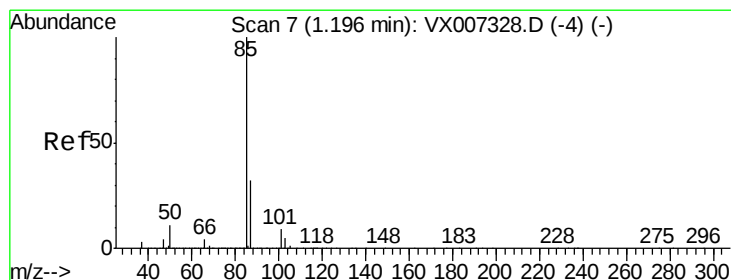
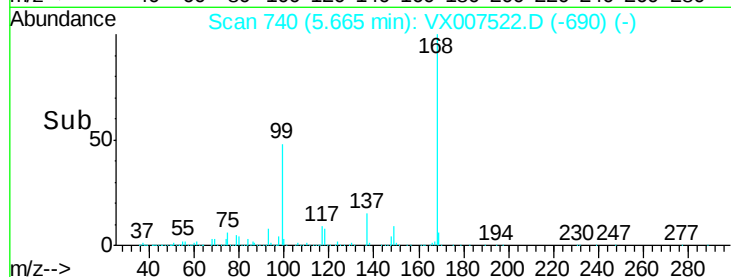
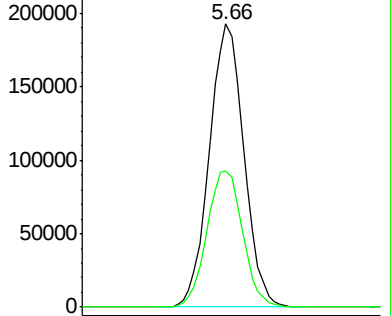
168 100

99 48.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.269 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007522.D

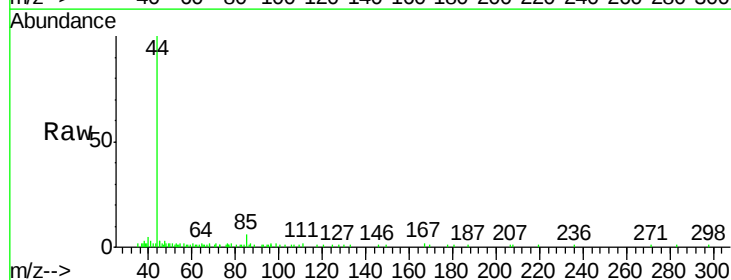
Acq: 13 Feb 2019 16:04

Tgt Ion: 85 Resp: 600

Ion Ratio Lower Upper

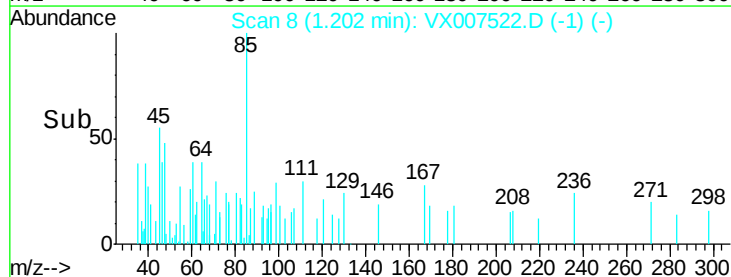
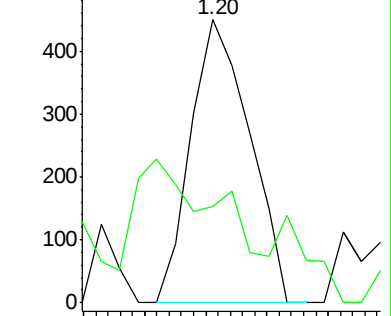
85 100

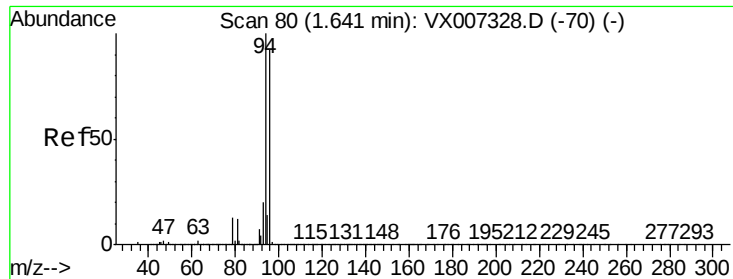
87 21.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

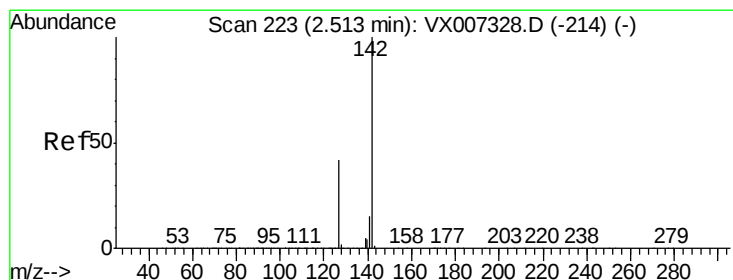
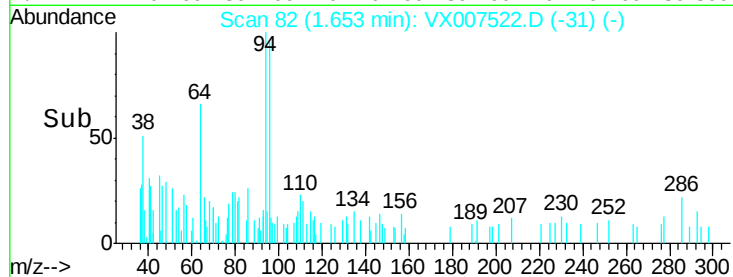
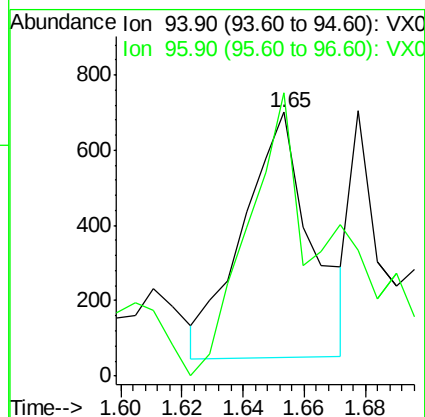
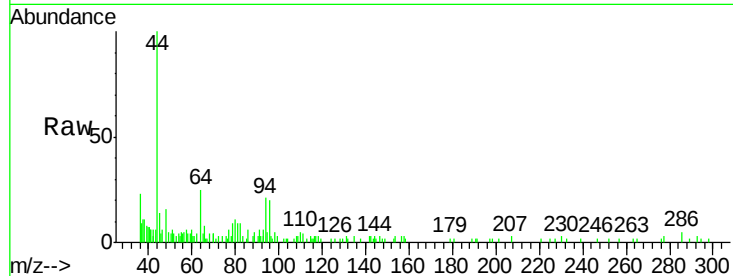
WC-20190208

Tot Ion: 94 Resp: 1010

Ion Ratio Lower Upper

94 100

96 132.6 73.9 110.9#



#10

Methyl Iodide

Concen: 0.240 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

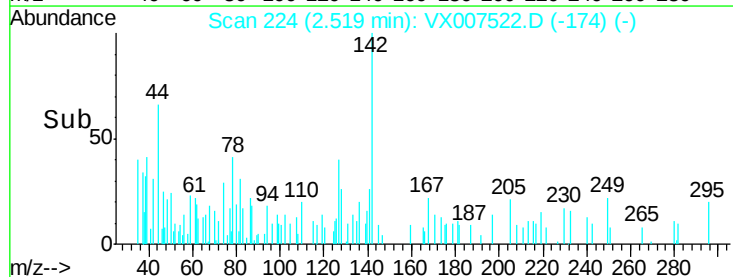
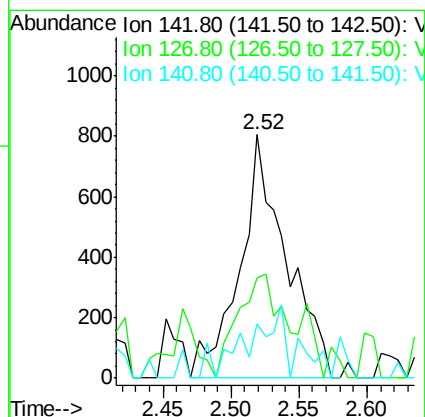
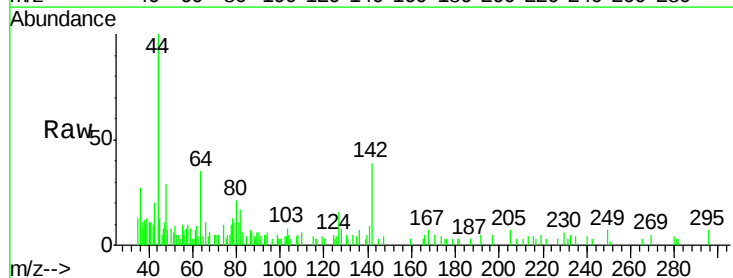
Tgt Ion: 142 Resp: 1919

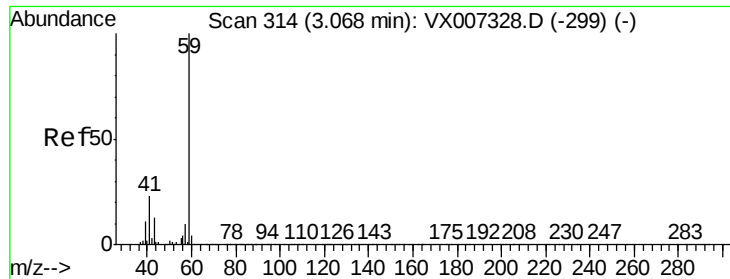
Ion Ratio Lower Upper

142 100

127 49.1 33.7 50.5

141 26.2 11.3 16.9#



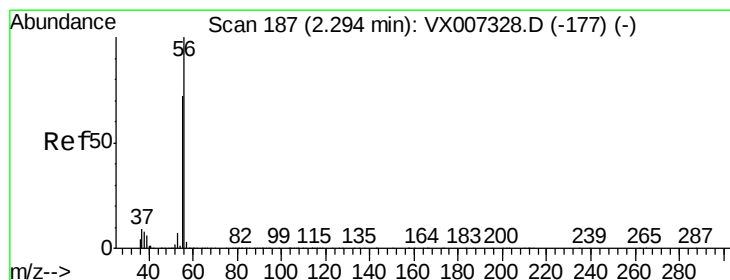
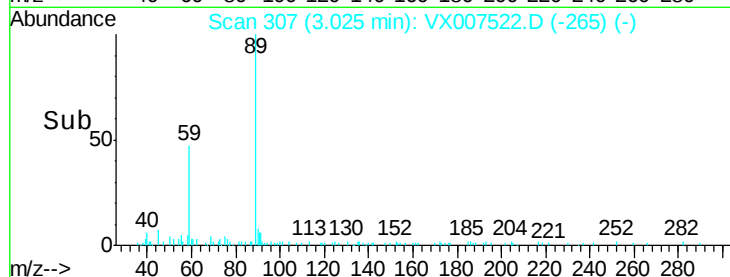
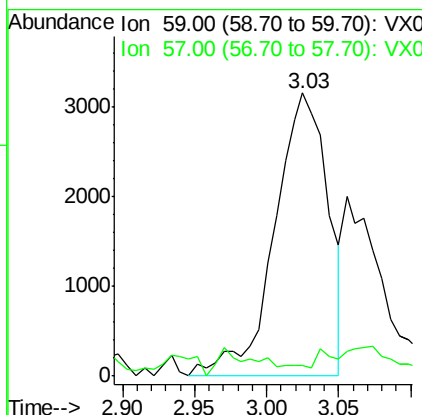
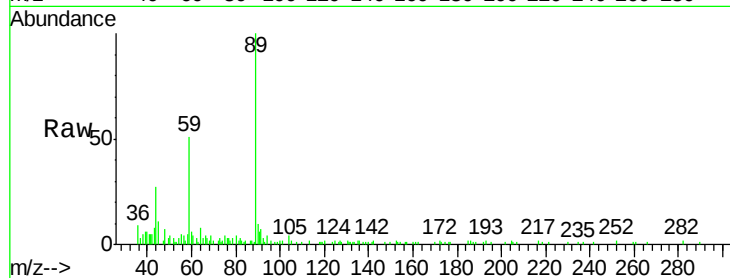


#11

Tert butyl alcohol  
Concen: 7.017 ug/l  
RT: 3.03 min Scan# 307  
Delta R.T. -0.04 min  
Lab File: VX007522.D  
Acq: 13 Feb 2019 16:04

Instrument :  
MSVOA\_X  
ClientSampled :  
WC-20190208

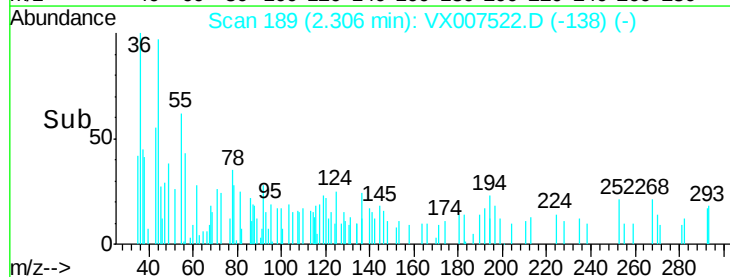
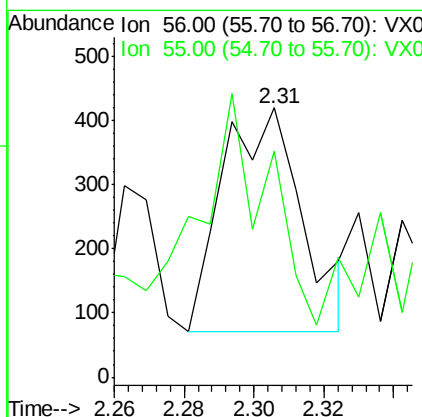
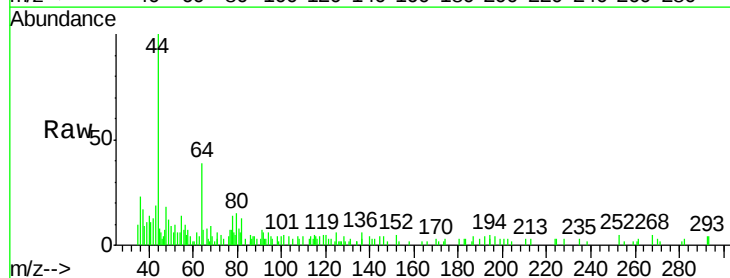
Tot Ion: 59 Resp: 8164  
Ion Ratio Lower Upper  
59 100  
57 1.5 8.1 12.1#

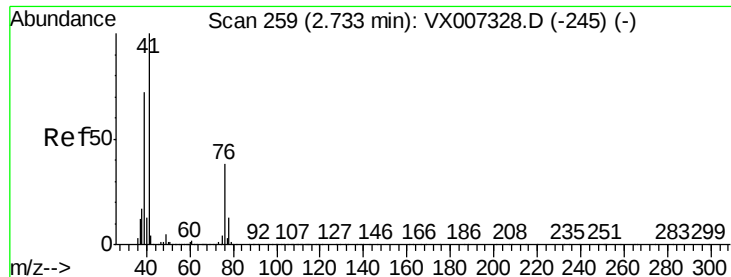


#13

Acrolein  
Concen: 1.010 ug/l  
RT: 2.31 min Scan# 189  
Delta R.T. 0.01 min  
Lab File: VX007522.D  
Acq: 13 Feb 2019 16:04

Tgt Ion: 56 Resp: 551  
Ion Ratio Lower Upper  
56 100  
55 85.3 56.9 85.3





#14

Allvl chloride

Concen: 0.234 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampled :

WC-20190208

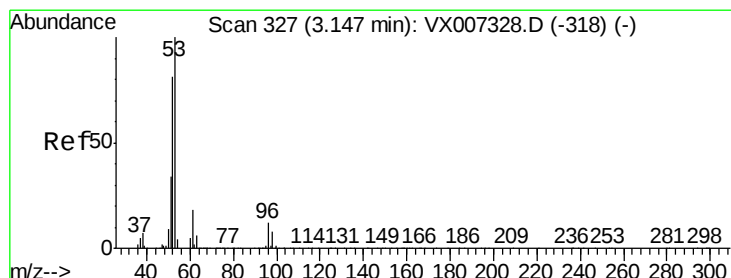
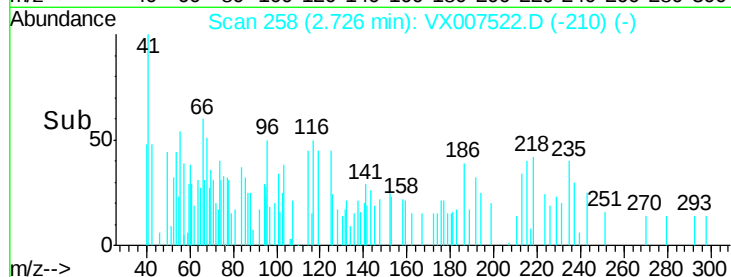
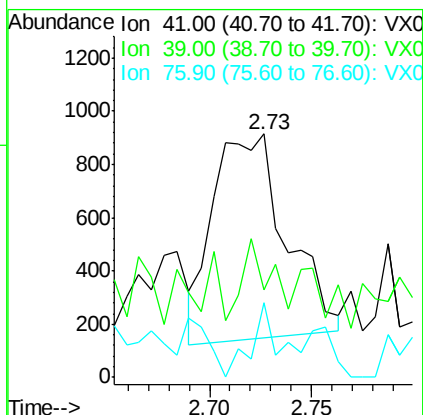
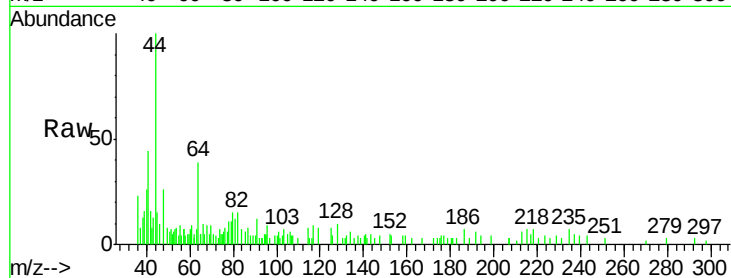
Tot Ion: 41 Resp: 1930

Ion Ratio Lower Upper

41 100

39 14.7 54.1 81.1#

76 14.5 27.8 41.8#



#15

Acrylonitrile

Concen: 0.418 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

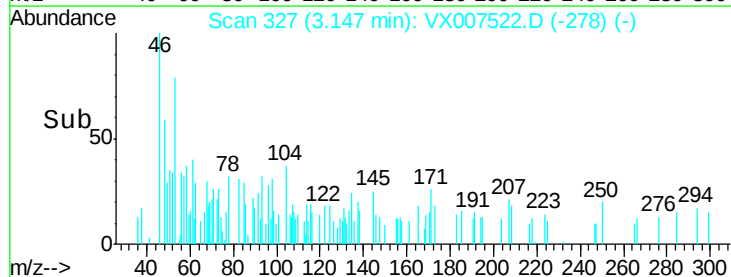
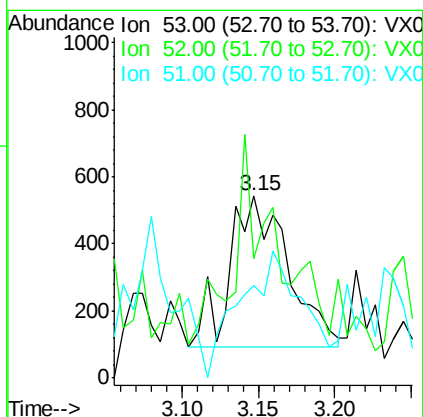
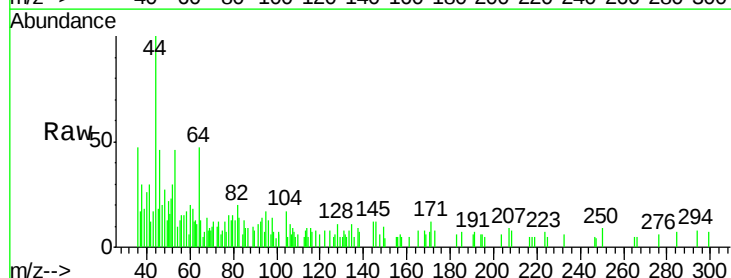
Tgt Ion: 53 Resp: 1203

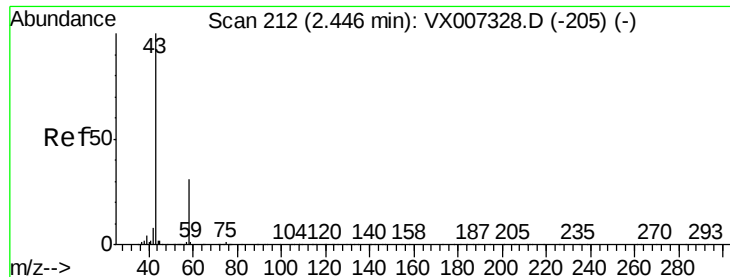
Ion Ratio Lower Upper

53 100

52 81.5 66.4 99.6

51 90.1 28.4 42.6#





#16

Acetone

Concen: 17.742 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

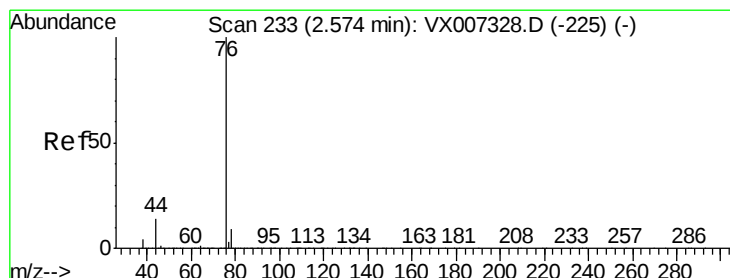
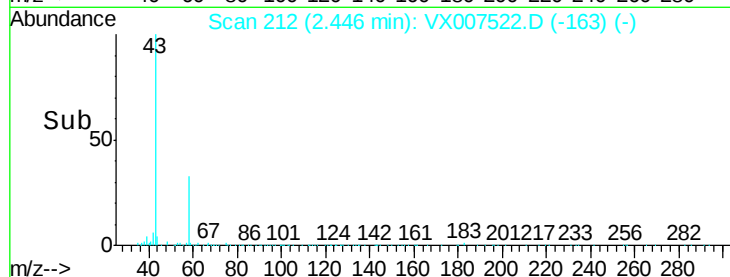
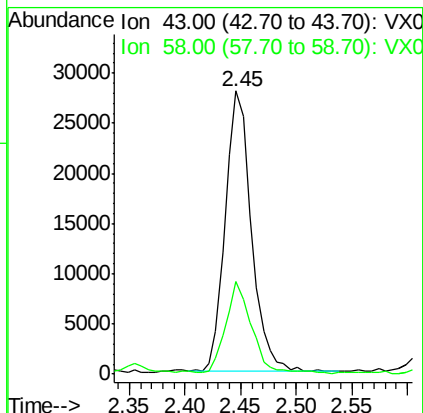
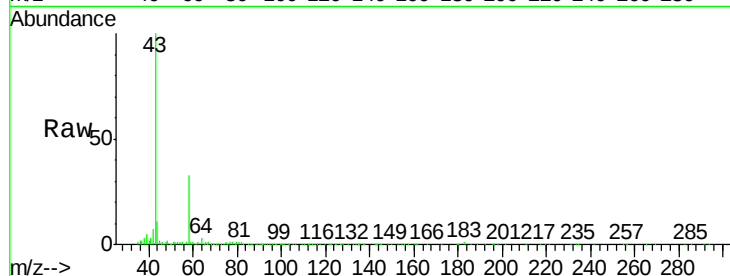
WC-20190208

Tot Ion: 43 Resp: 45691

Ion Ratio Lower Upper

43 100

58 32.0 24.9 37.3



#17

Carbon Disulfide

Concen: 2.371 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007522.D

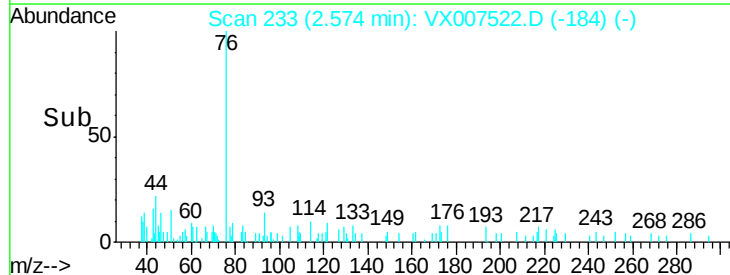
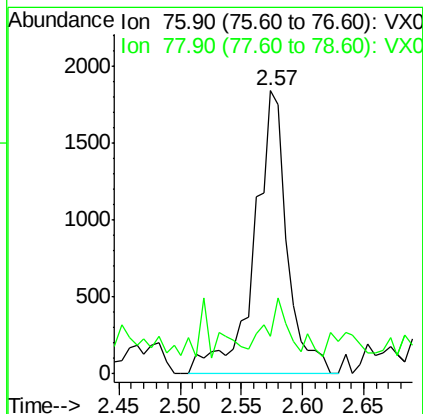
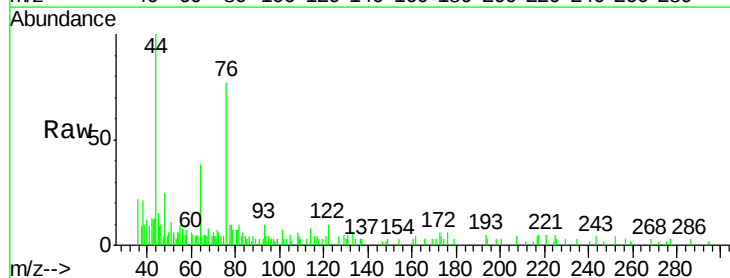
Acq: 13 Feb 2019 16:04

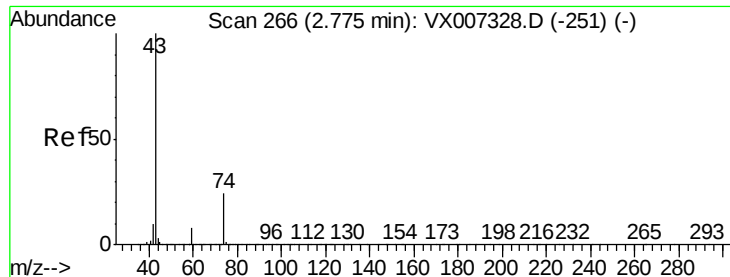
Tgt Ion: 76 Resp: 3445

Ion Ratio Lower Upper

76 100

78 2.2 7.1 10.7#

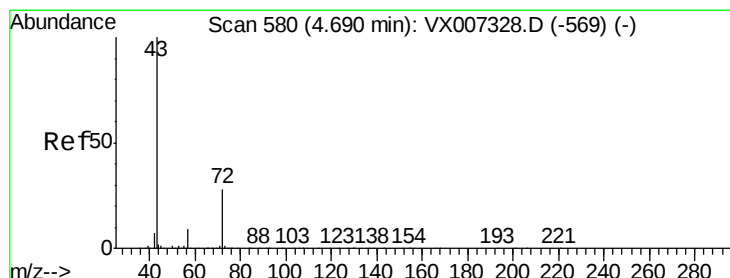
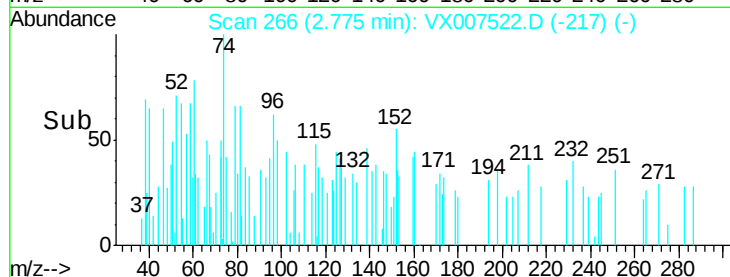
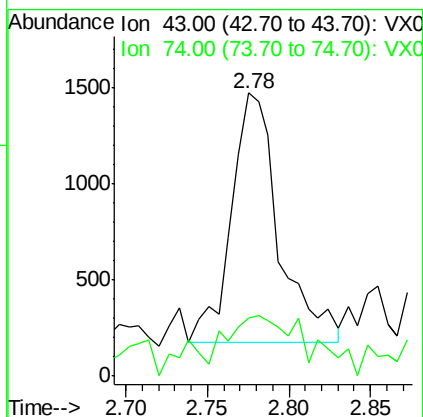
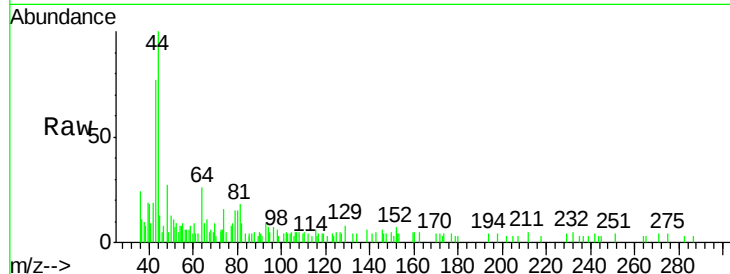




#18  
Methyl Acetate  
Concen: 0.980 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX007522.D  
Acq: 13 Feb 2019 16:04

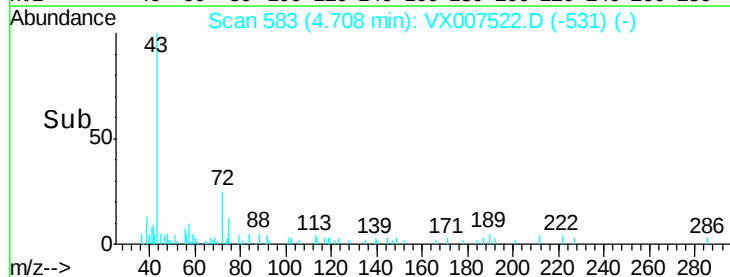
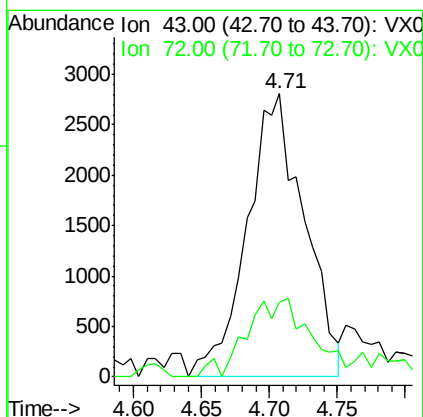
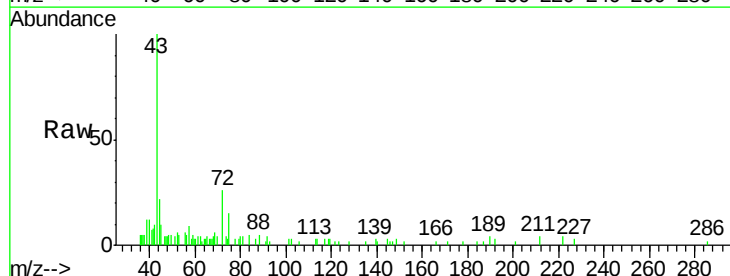
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-20190208

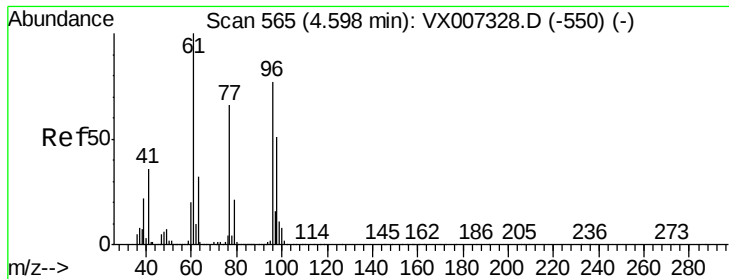
Tot Ion: 43 Resp: 2629  
Ion Ratio Lower Upper  
43 100  
74 41.6 19.4 29.2#



#25  
2-Butanone  
Concen: 2.249 ug/l  
RT: 4.71 min Scan# 583  
Delta R.T. 0.02 min  
Lab File: VX007522.D  
Acq: 13 Feb 2019 16:04

Tgt Ion: 43 Resp: 8241  
Ion Ratio Lower Upper  
43 100  
72 26.4 22.2 33.2



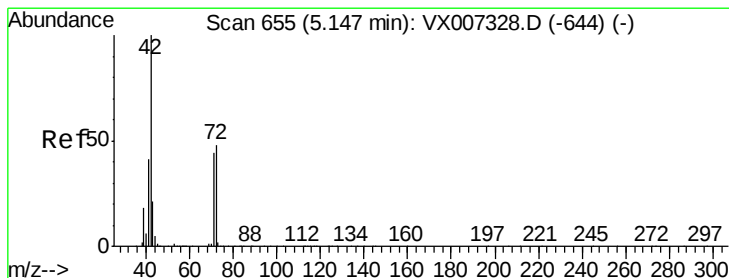
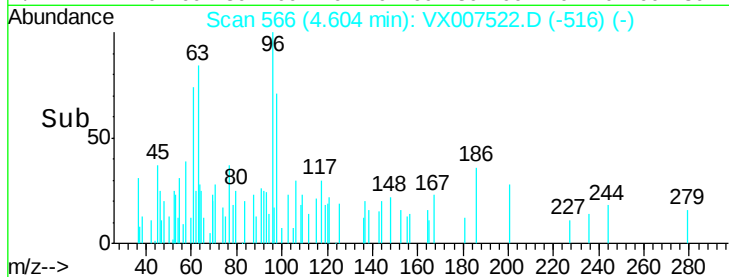
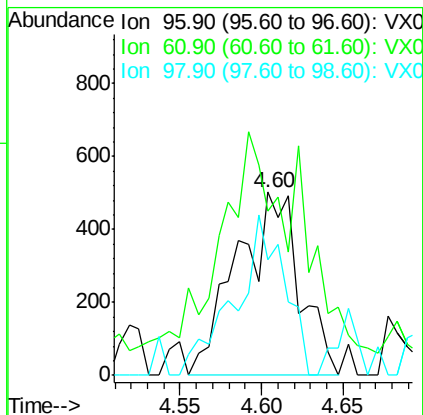
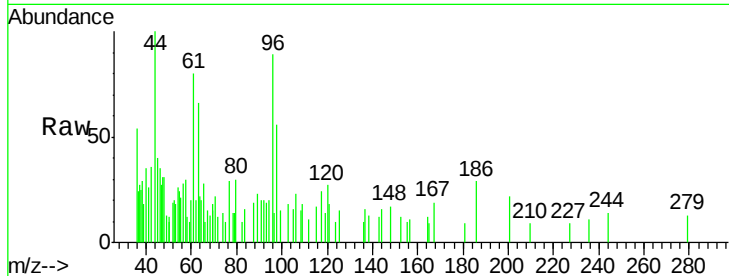


#27

cis-1,2-Dichloroethene  
 Concen: 0.228 ug/l  
 RT: 4.60 min Scan# 566  
 Delta R.T. 0.01 min  
 Lab File: VX007522.D  
 Acq: 13 Feb 2019 16:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-20190208

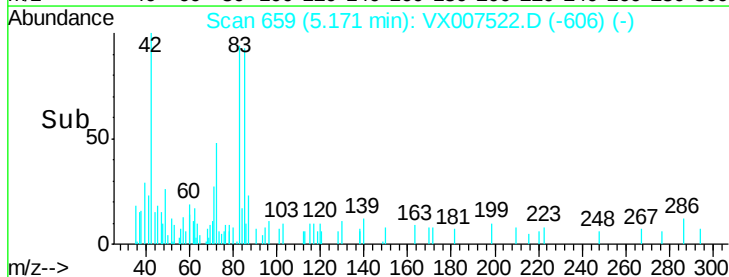
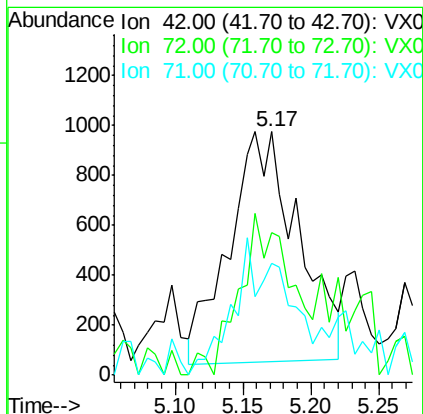
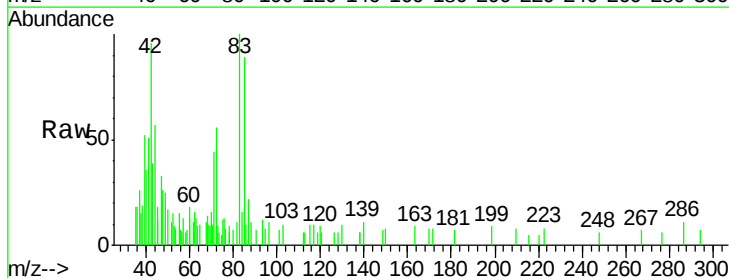
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 99.6  | 0.0   | 265.6 |
| 98      | 69.0  | 0.0   | 131.6 |

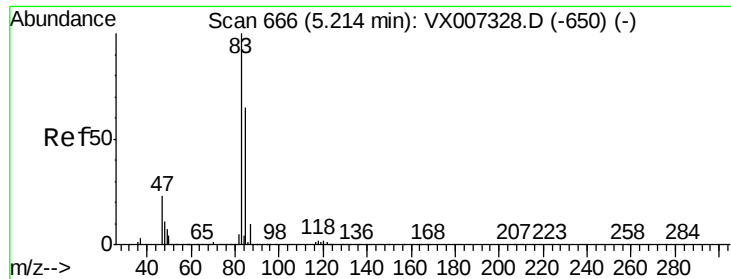


#29

Tetrahydrofuran  
 Concen: 1.423 ug/l  
 RT: 5.17 min Scan# 659  
 Delta R.T. 0.02 min  
 Lab File: VX007522.D  
 Acq: 13 Feb 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 52.9  | 37.6  | 56.4  |
| 71      | 20.0  | 34.6  | 51.8# |





#30

Chloroform

Concen: 6.542 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

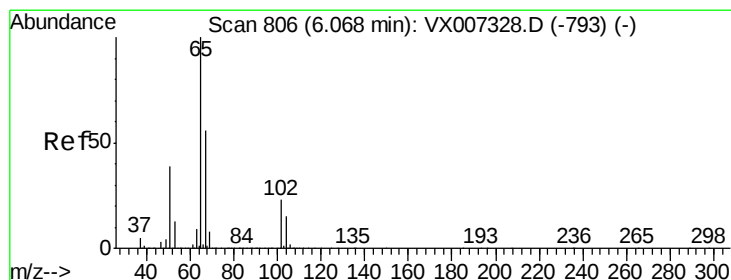
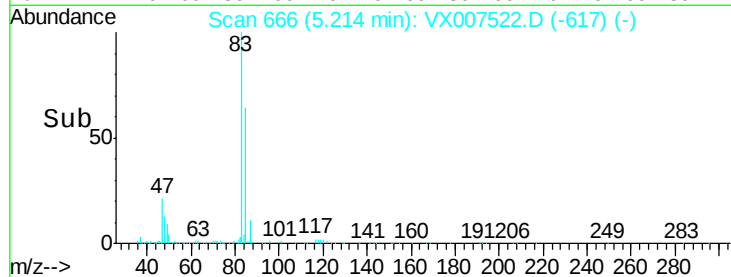
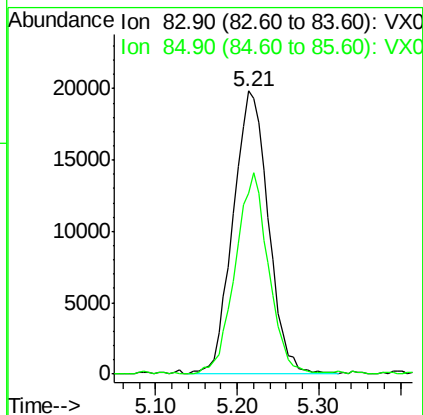
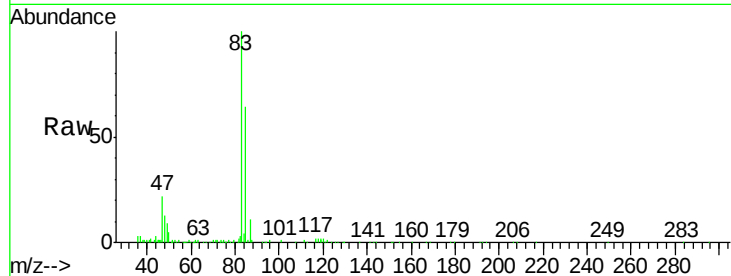
WC-20190208

Tot Ion: 83 Resp: 59421

Ion Ratio Lower Upper

83 100

85 64.1 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 50.508 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007522.D

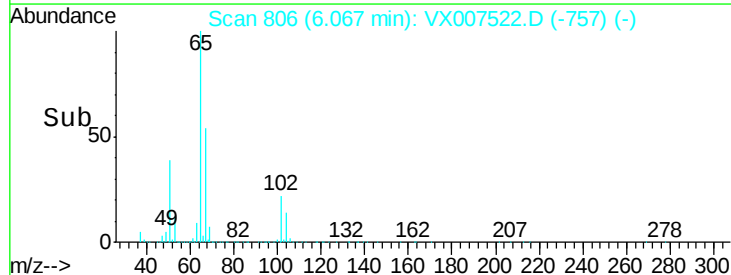
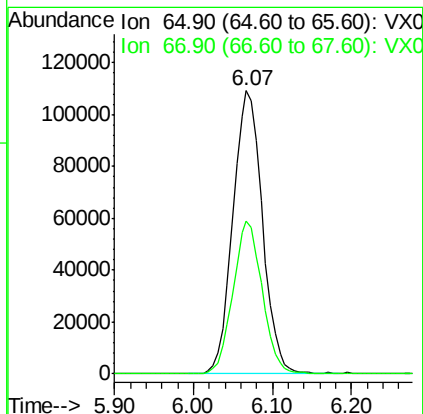
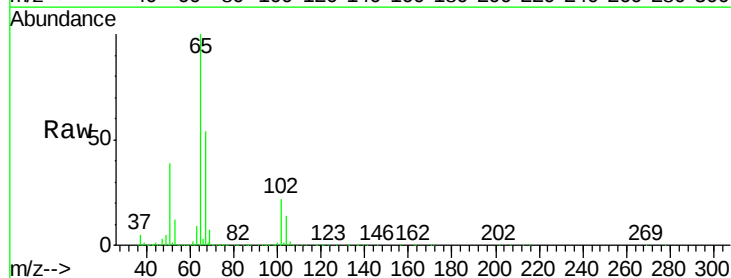
Acq: 13 Feb 2019 16:04

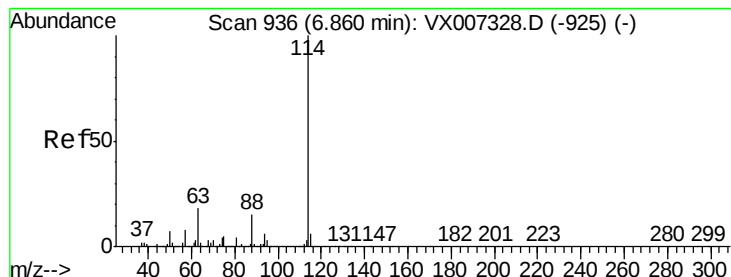
Tgt Ion: 65 Resp: 283962

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

WC-20190208

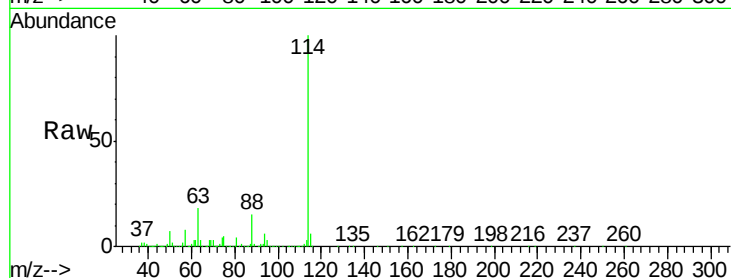
Tot Ion:114 Resp: 824272

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

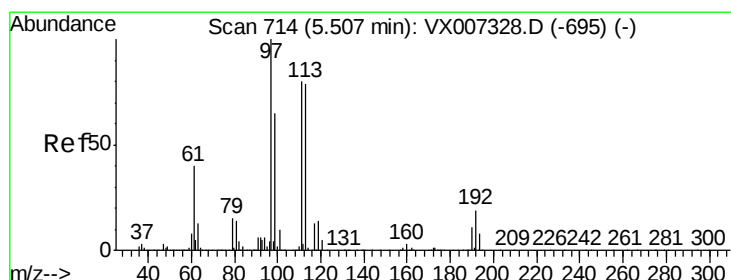
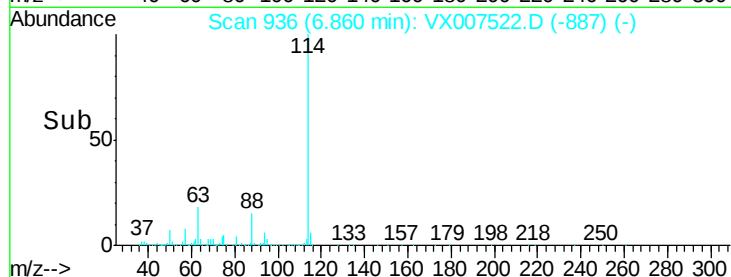
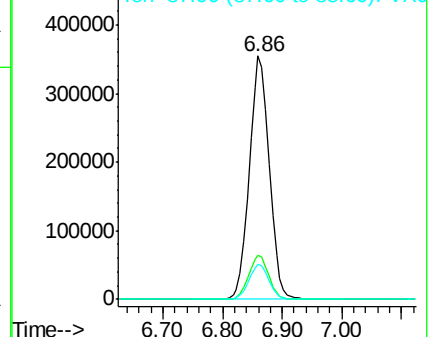
88 14.5 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.566 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

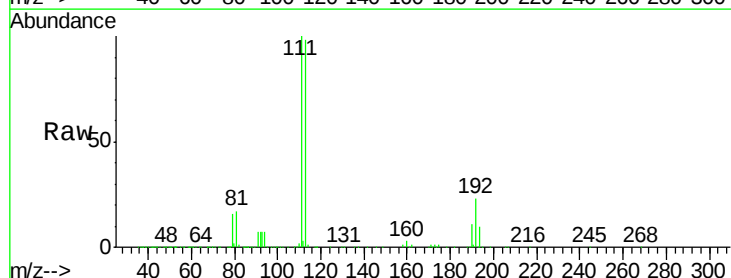
Tgt Ion:113 Resp: 265836

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

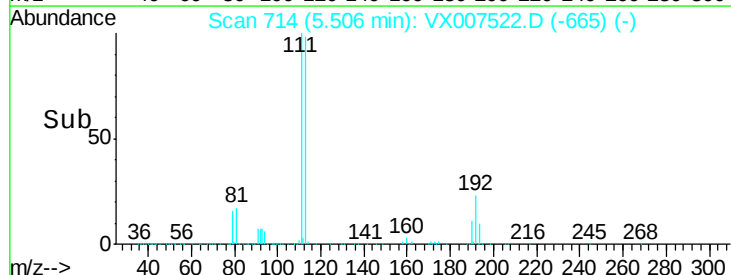
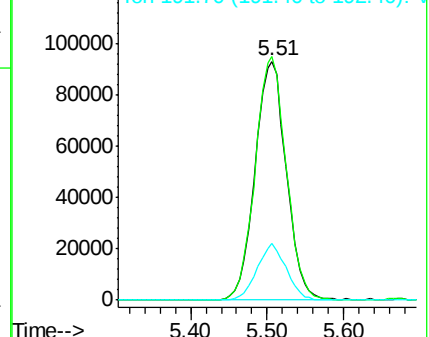
192 22.2 18.5 27.7

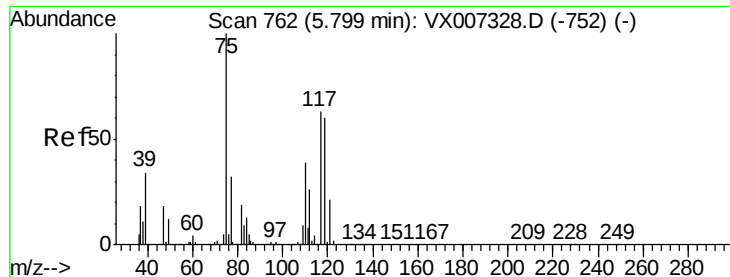


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

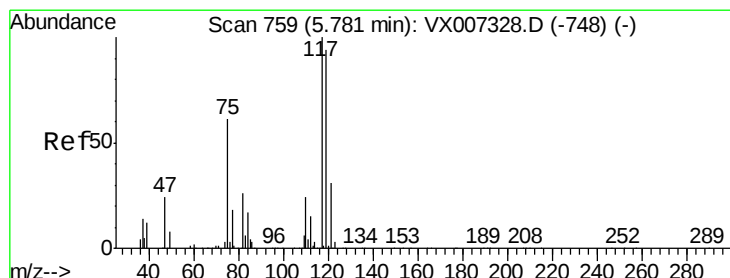
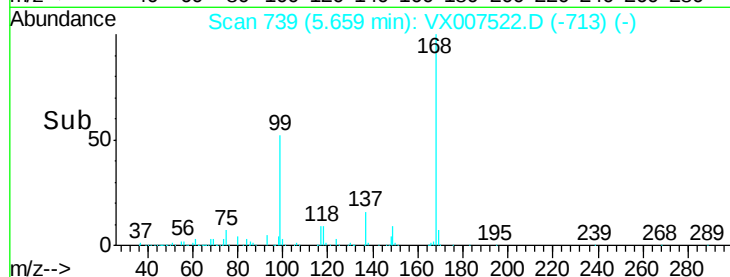
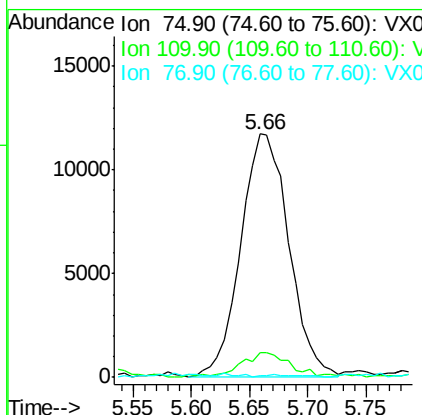
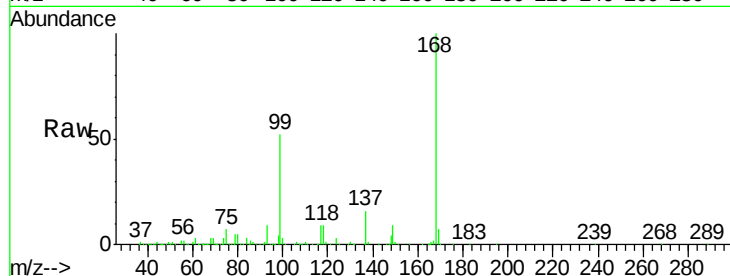




#36  
 1,1-Dichloropropene  
 Concen: 4.554 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX007522.D  
 Acq: 13 Feb 2019 16:04

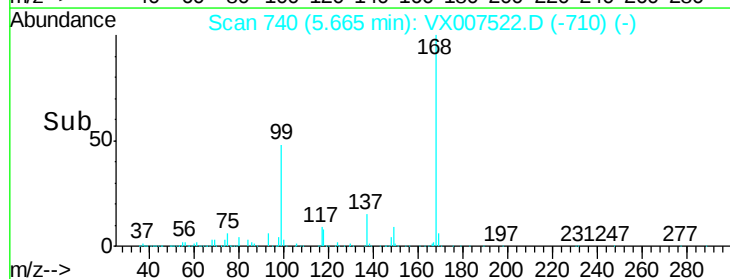
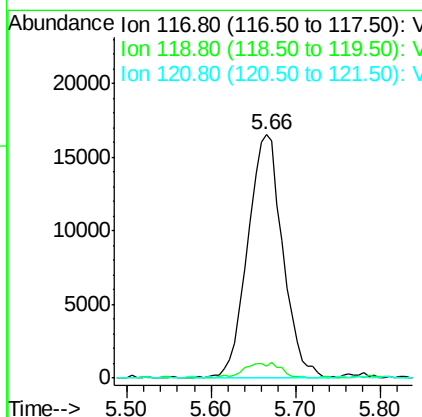
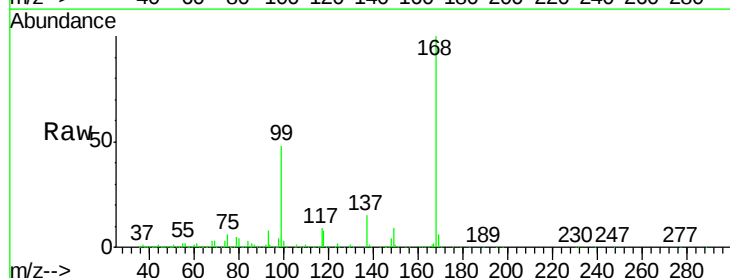
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-20190208

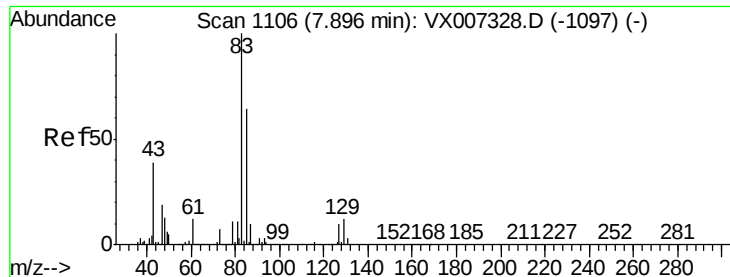
Tot Ion: 75 Resp: 33680  
 Ion Ratio Lower Upper  
 75 100  
 110 10.9 20.0 59.9#  
 77 0.5 24.7 37.1#



#38  
 Carbon Tetrachloride  
 Concen: 6.508 ug/l  
 RT: 5.66 min Scan# 740  
 Delta R.T. -0.12 min  
 Lab File: VX007522.D  
 Acq: 13 Feb 2019 16:04

Tgt Ion: 117 Resp: 46696  
 Ion Ratio Lower Upper  
 117 100  
 119 5.0 75.3 112.9#  
 121 0.0 25.0 37.4#





#47

Bromodichloromethane

Concen: 2.247 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampled :

WC-20190208

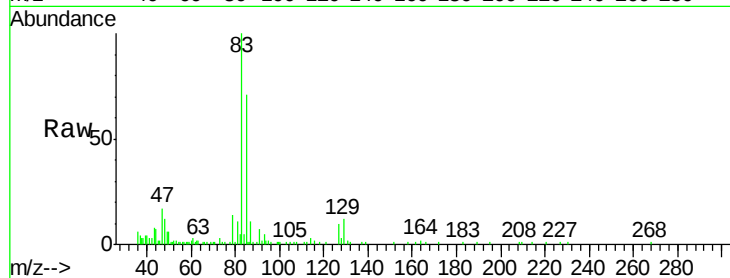
Tot Ion: 83 Resp: 15109

Ion Ratio Lower Upper

83 100

85 70.6 51.4 77.0

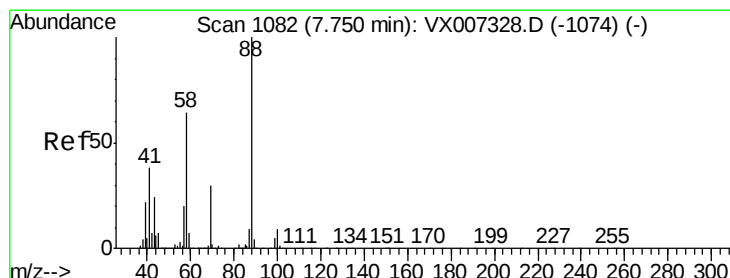
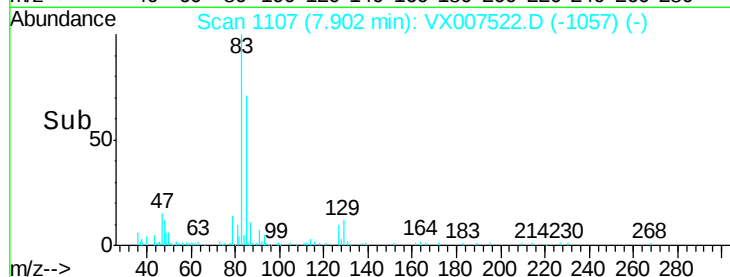
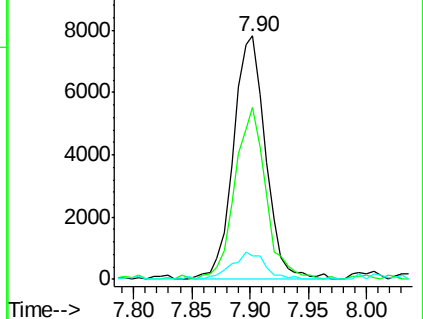
127 9.8 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#49

1,4-Dioxane

Concen: 9.678 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

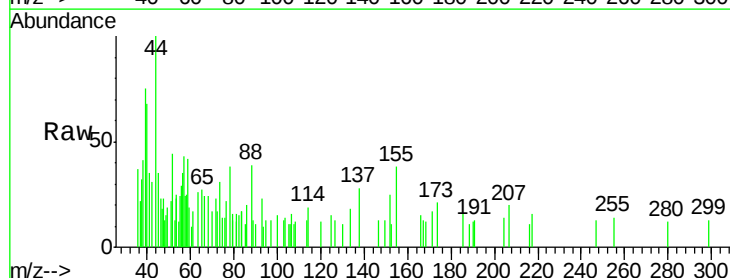
Tgt Ion: 88 Resp: 370

Ion Ratio Lower Upper

88 100

43 70.3 24.2 36.4#

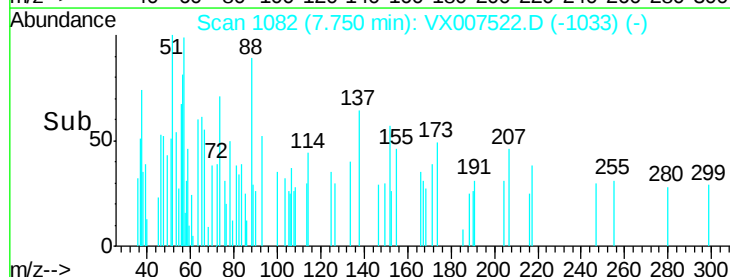
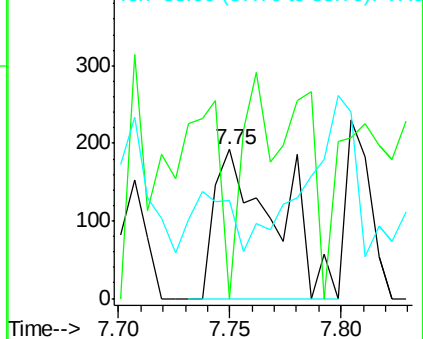
58 54.6 53.0 79.4

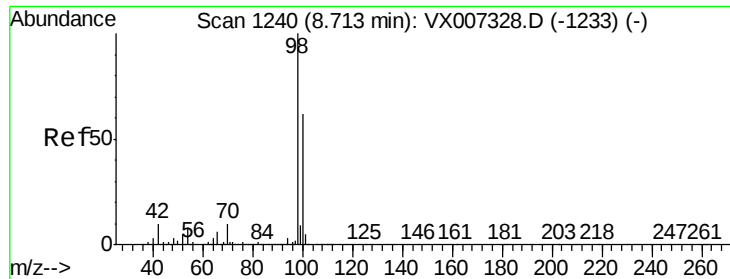


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.991 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

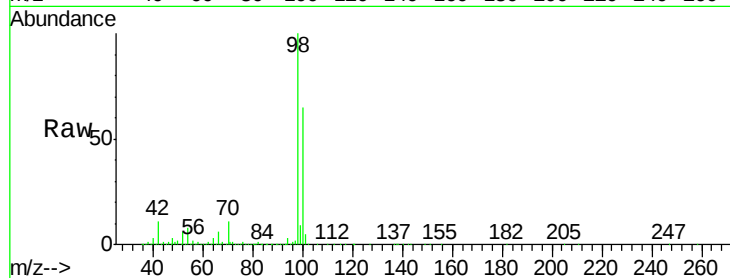
WC-20190208

Tot Ion: 98 Resp: 974844

Ion Ratio Lower Upper

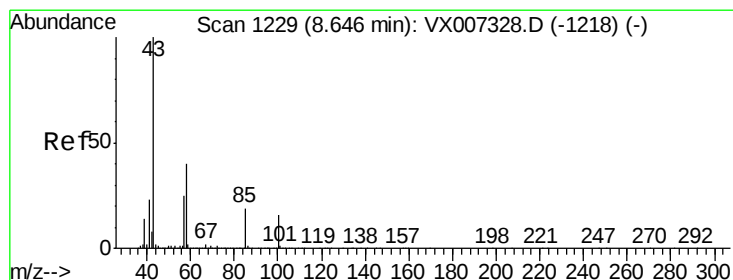
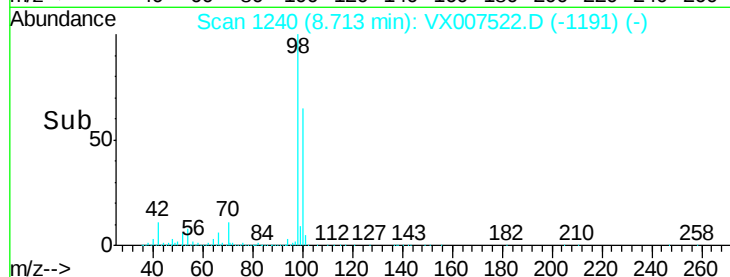
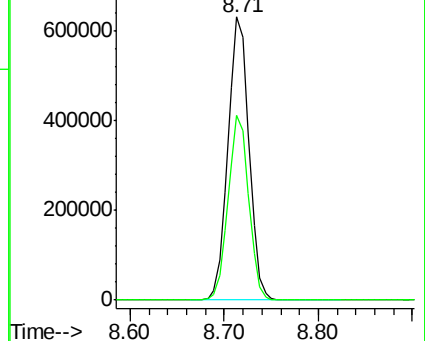
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.696 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007522.D

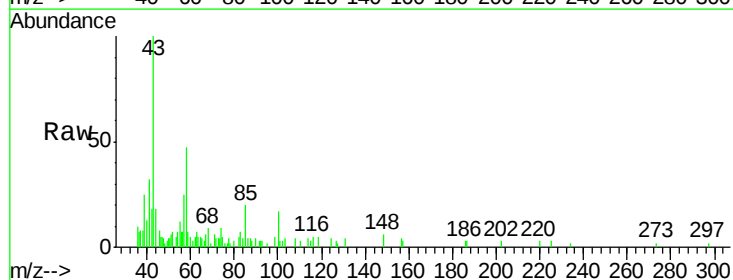
Acq: 13 Feb 2019 16:04

Tgt Ion: 43 Resp: 5284

Ion Ratio Lower Upper

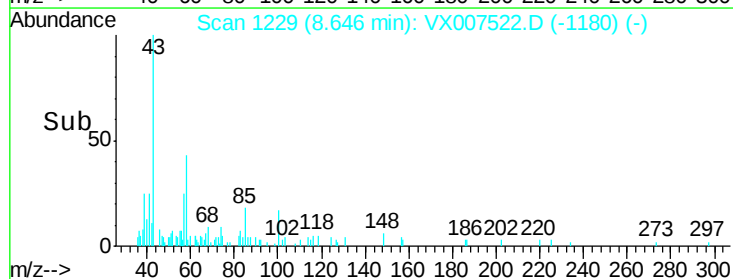
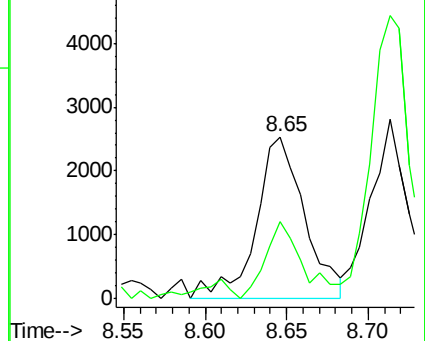
43 100

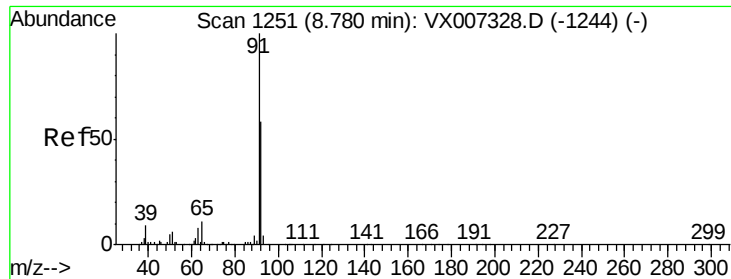
58 37.0 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 2.375 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

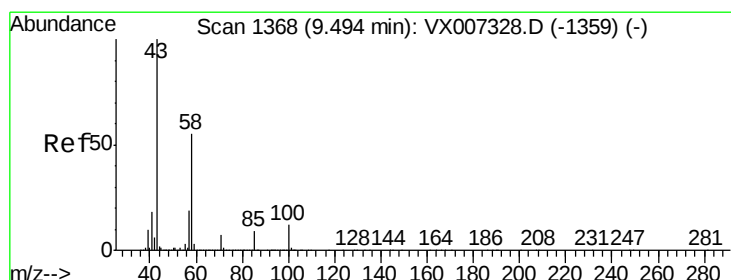
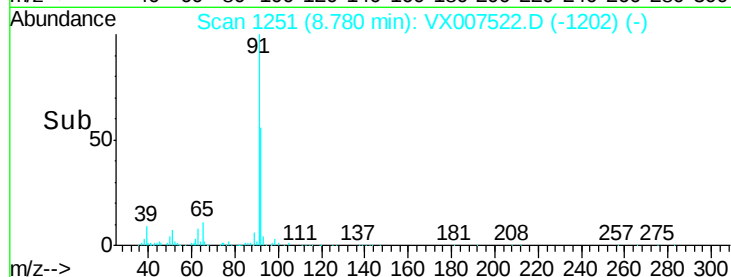
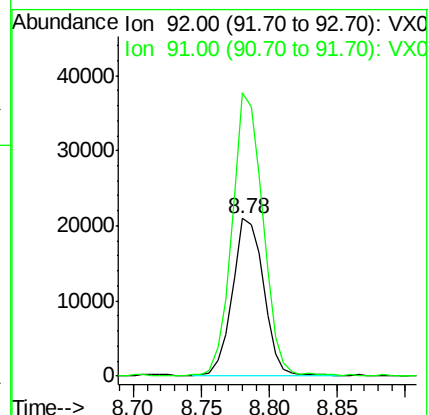
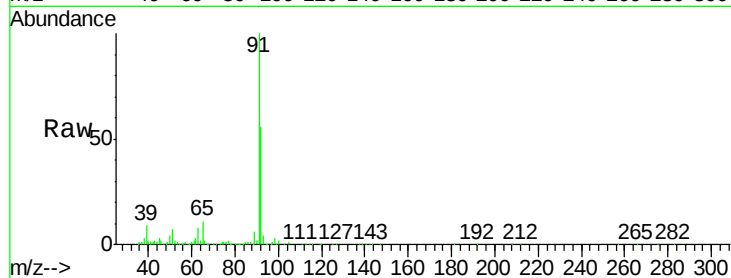
WC-20190208

Tot Ion: 92 Resp: 33387

Ion Ratio Lower Upper

92 100

91 177.3 139.1 208.7



#59

2-Hexanone

Concen: 0.227 ug/l

RT: 9.51 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VX007522.D

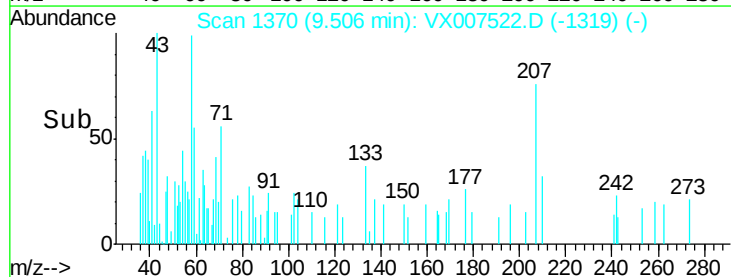
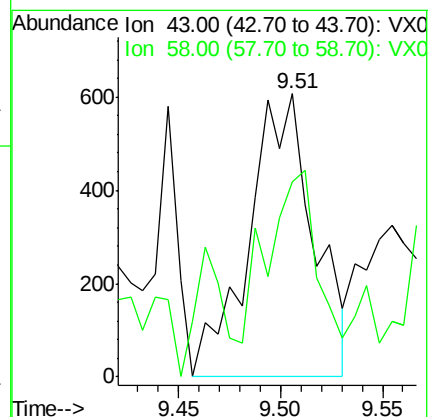
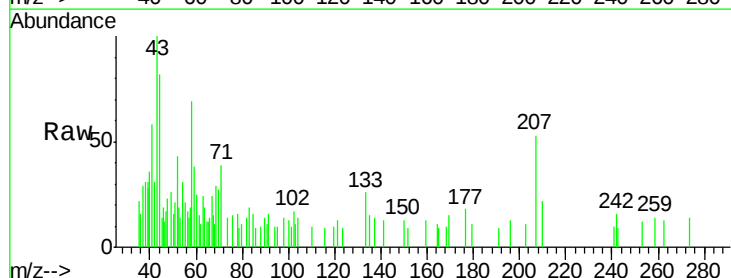
Acq: 13 Feb 2019 16:04

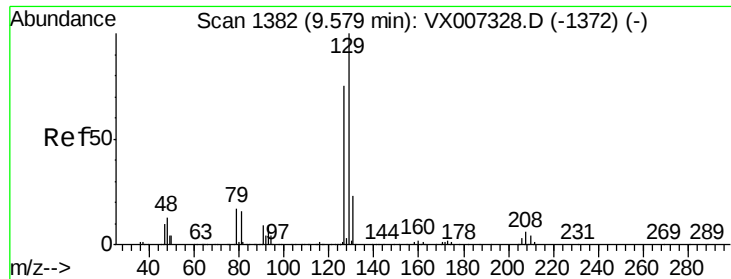
Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

58 44.2 27.1 81.3





#60

Dibromochloromethane

Concen: 0.695 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

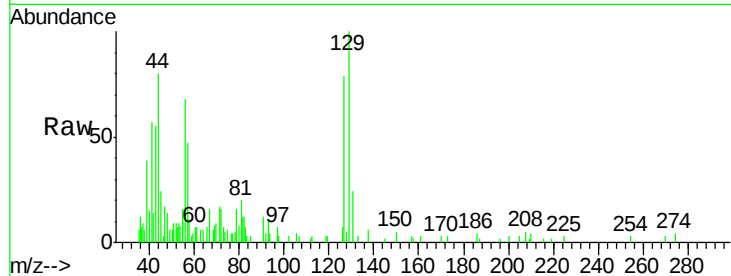
WC-20190208

Tot Ion:129 Resp: 3852

Ion Ratio Lower Upper

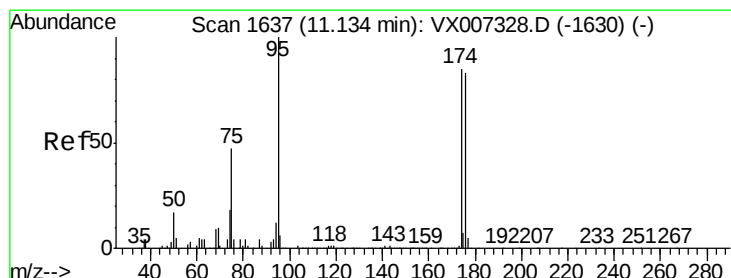
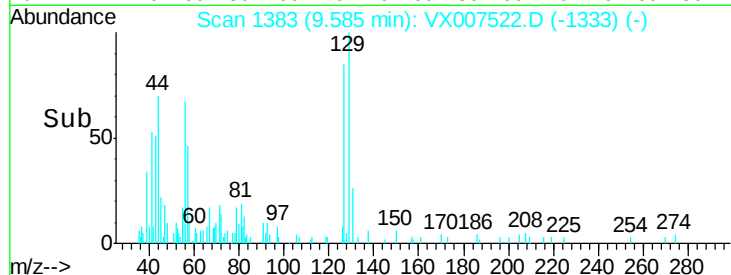
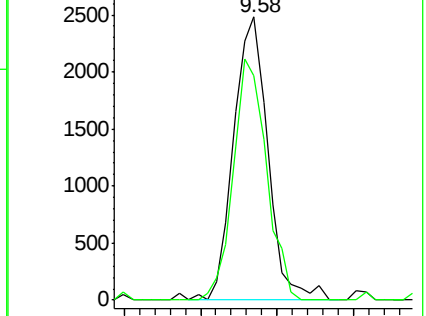
129 100

127 82.8 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.513 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

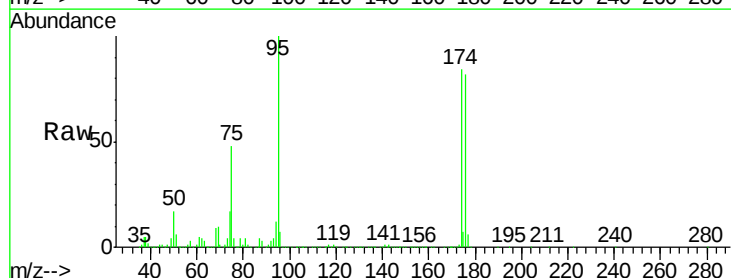
Tgt Ion: 95 Resp: 352444

Ion Ratio Lower Upper

95 100

174 92.2 0.0 189.2

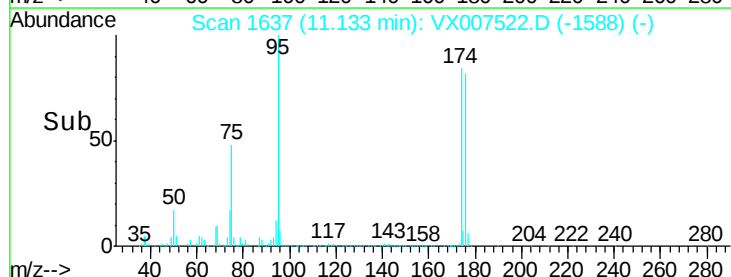
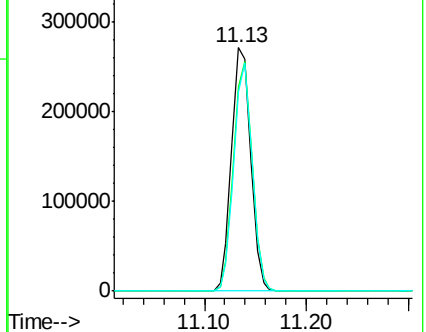
176 89.9 0.0 186.2

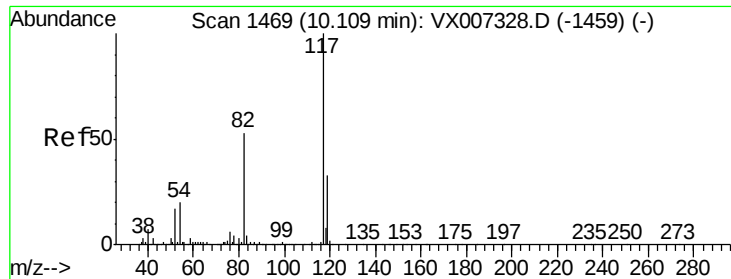


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

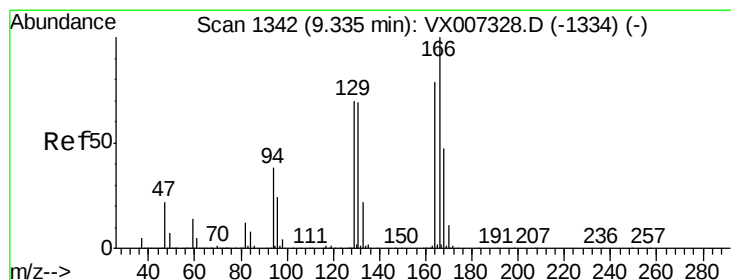
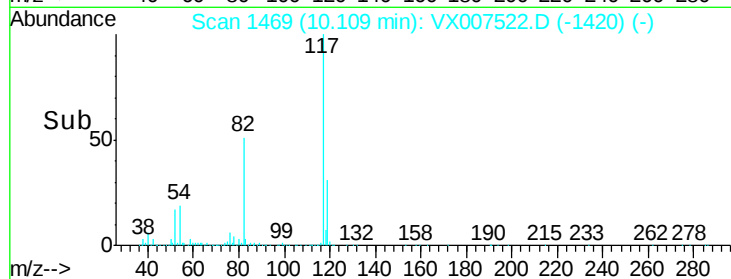
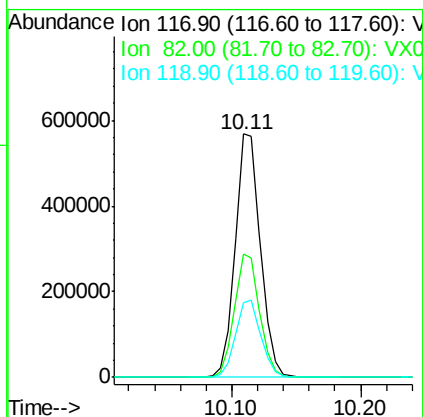
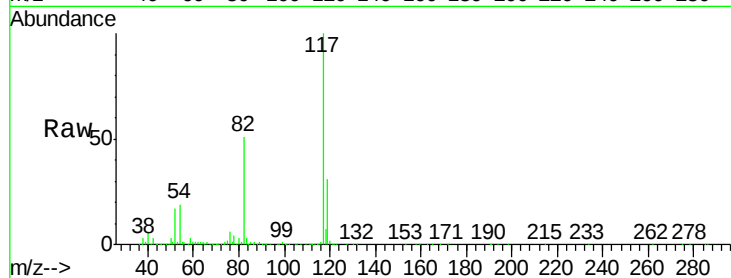




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX007522.D  
Acq: 13 Feb 2019 16:04

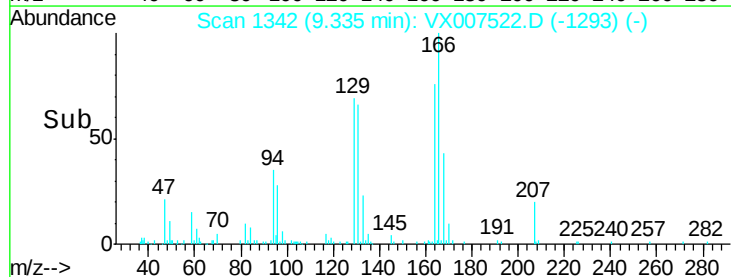
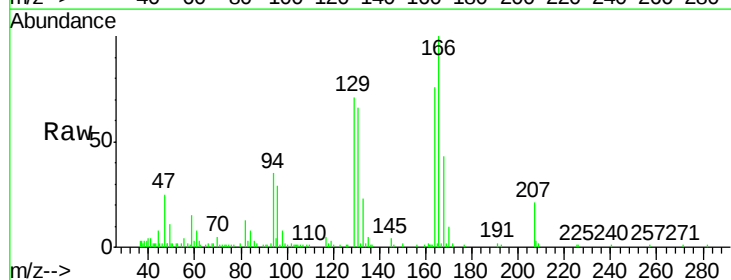
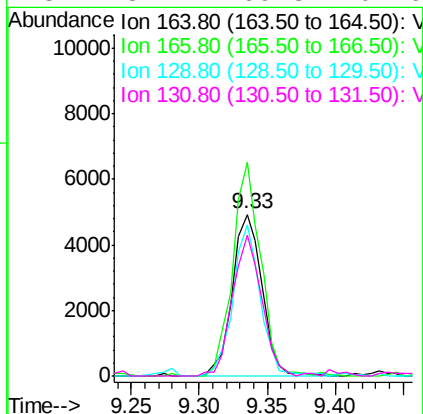
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-20190208

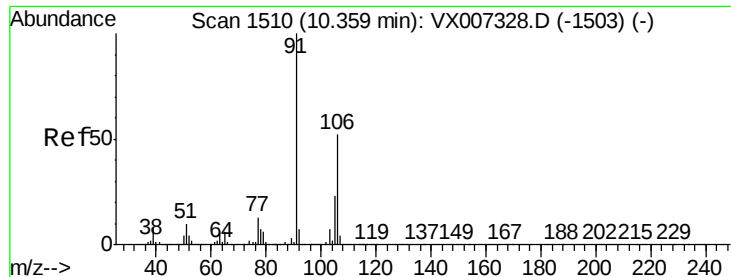
Tot Ion:117 Resp: 771790  
Ion Ratio Lower Upper  
117 100  
82 50.7 42.1 63.1  
119 30.7 26.5 39.7



#64  
Tetrachloroethene  
Concen: 1.030 ug/l  
RT: 9.33 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX007522.D  
Acq: 13 Feb 2019 16:04

Tgt Ion:164 Resp: 7492  
Ion Ratio Lower Upper  
164 100  
166 132.4 101.0 151.4  
129 93.6 70.5 105.7  
131 87.2 69.8 104.6

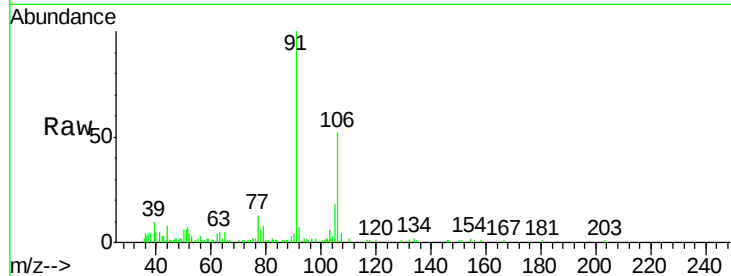




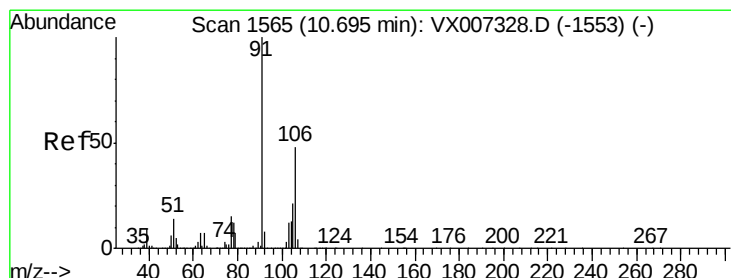
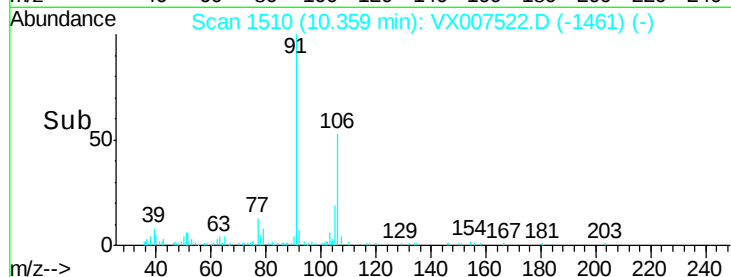
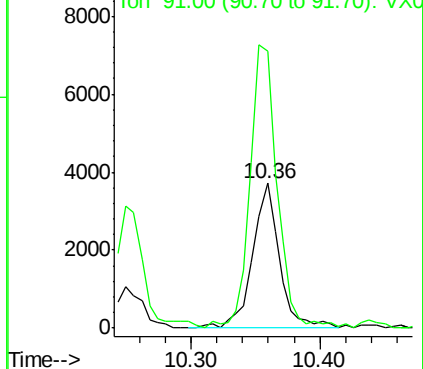
#68  
m/p-Xylenes  
Concen: 0.494 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX007522.D  
Acq: 13 Feb 2019 16:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-20190208

Tot Ion:106 Resp: 5324  
Ion Ratio Lower Upper  
106 100  
91 198.2 156.6 234.8

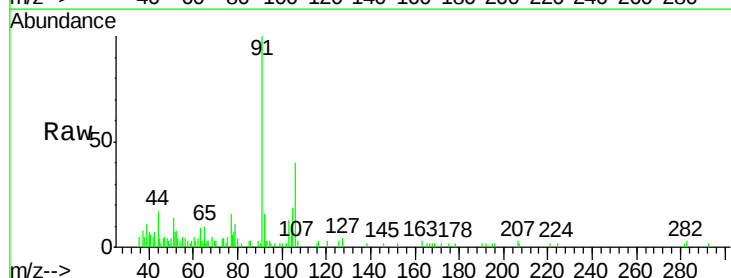


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

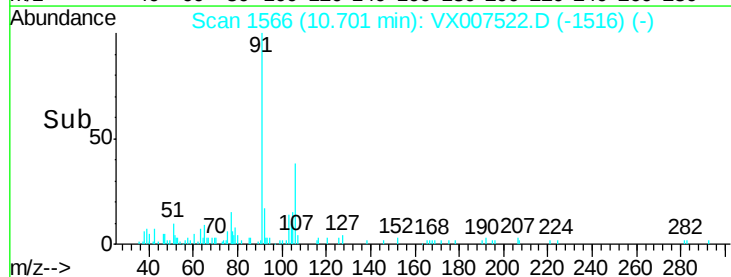
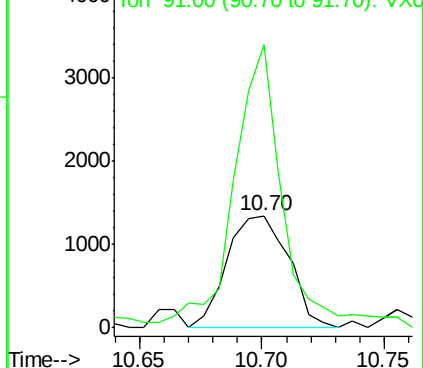


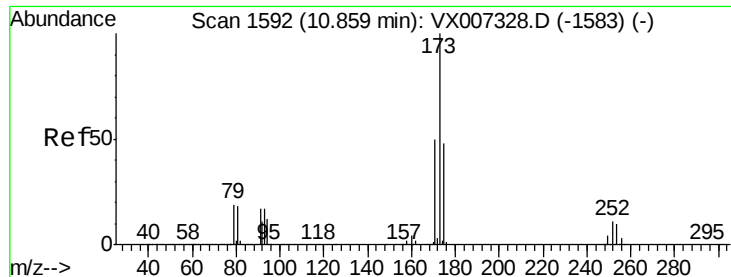
#69  
o-Xylene  
Concen: 0.227 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VX007522.D  
Acq: 13 Feb 2019 16:04

Tgt Ion:106 Resp: 2350  
Ion Ratio Lower Upper  
106 100  
91 203.7 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0





#71

Bromoform

Concen: 4.083 ug/l

RT: 10.87 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

WC-20190208

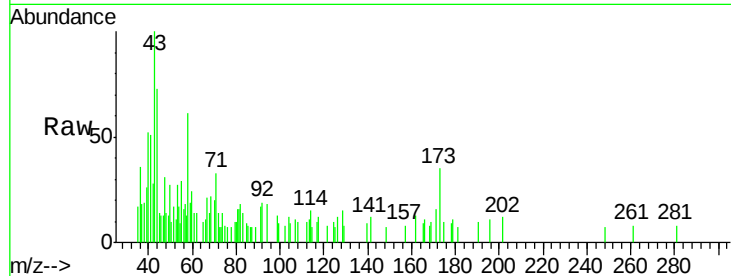
Tot Ion:173 Resp: 290

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

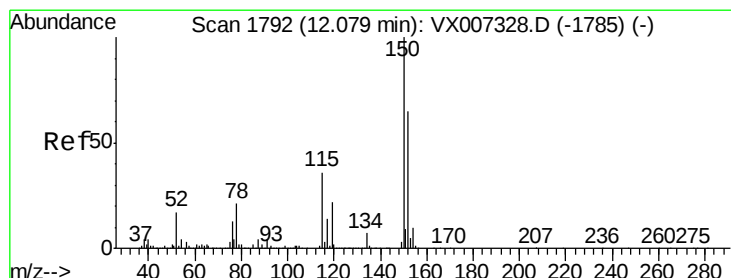
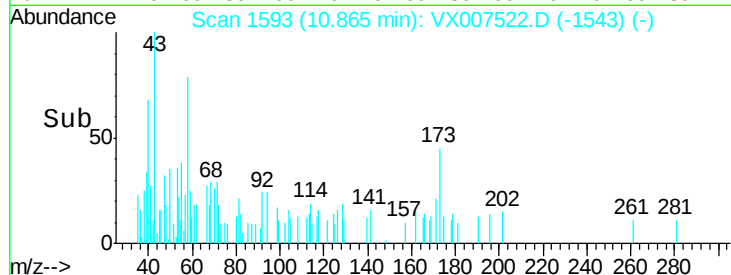
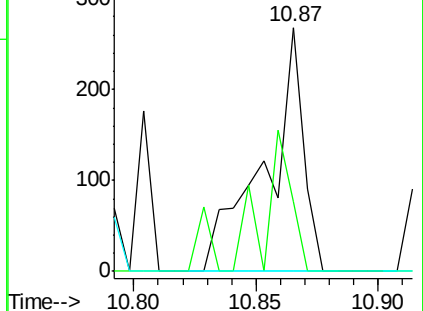
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

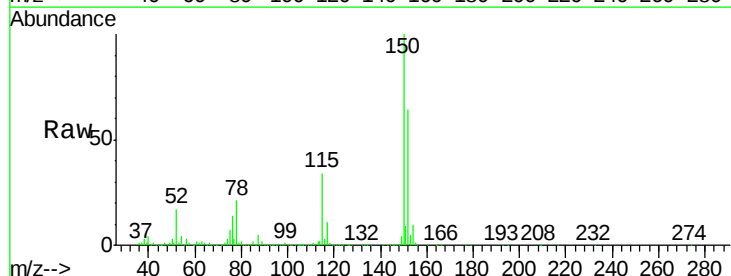
Tgt Ion:152 Resp: 375182

Ion Ratio Lower Upper

152 100

115 54.4 38.0 114.0

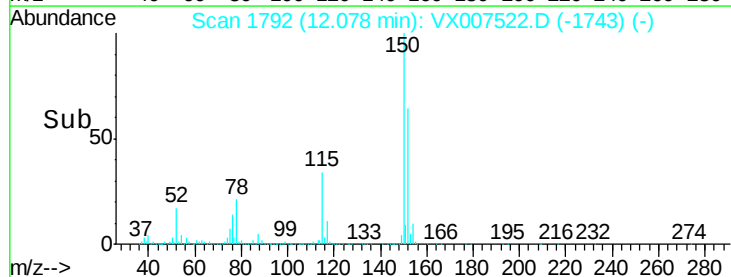
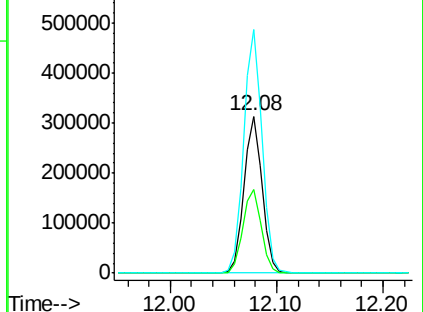
150 156.1 0.0 346.4

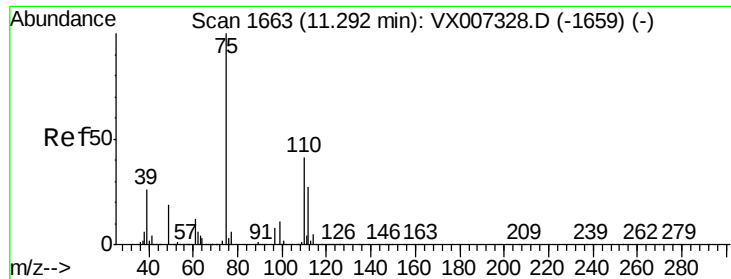


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.055 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA\_X

ClientSampleId :

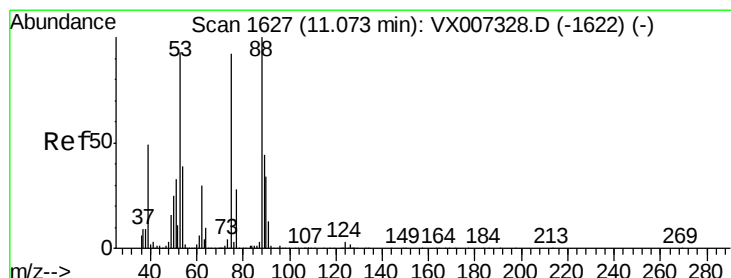
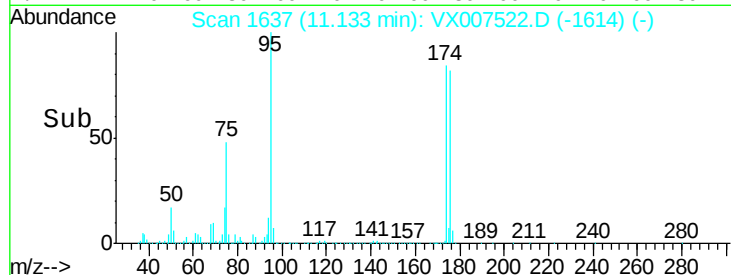
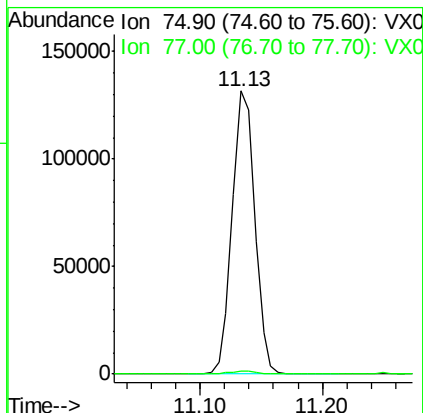
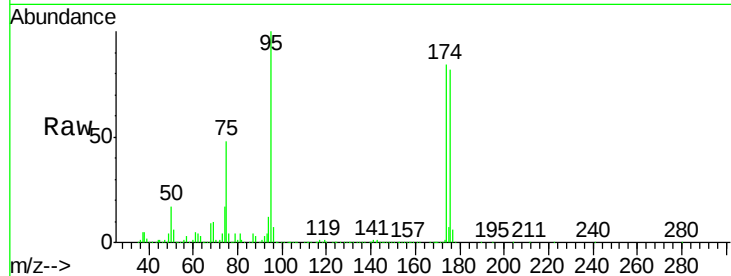
WC-20190208

Tot Ion: 75 Resp: 168247

Ion Ratio Lower Upper

75 100

77 1.3 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.462 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

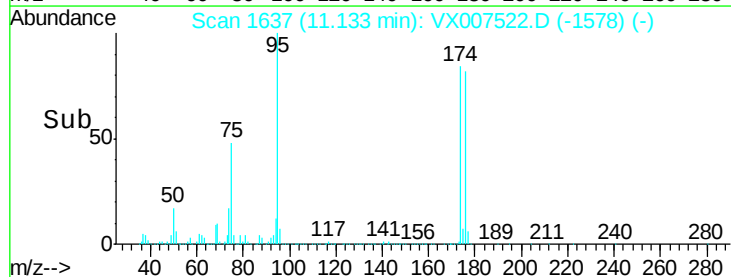
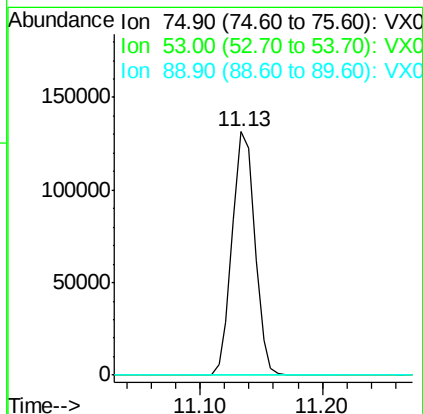
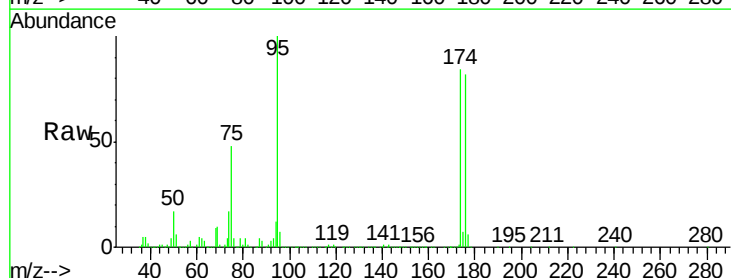
Tgt Ion: 75 Resp: 168247

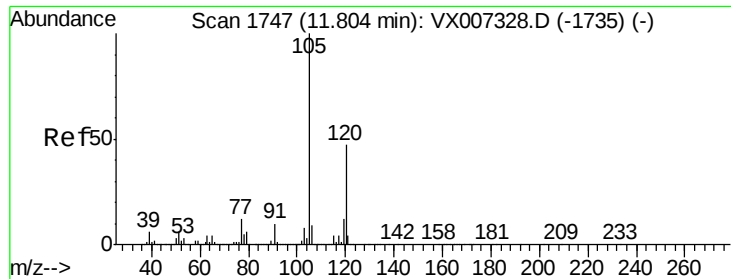
Ion Ratio Lower Upper

75 100

53 0.3 81.0 121.6#

89 0.2 41.4 62.0#

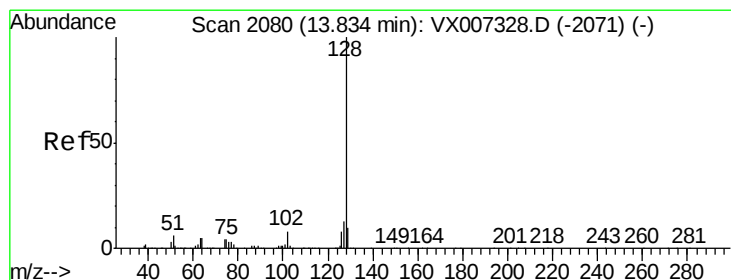
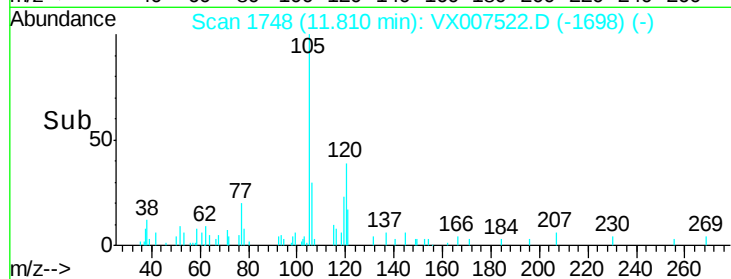
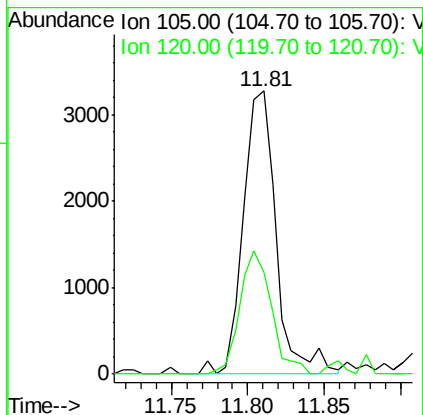
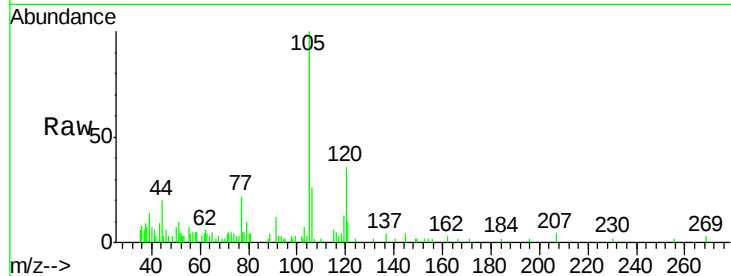




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.232 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX007522.D  
 Acq: 13 Feb 2019 16:04

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-20190208

Tot Ion:105 Resp: 4905  
 Ion Ratio Lower Upper  
 105 100  
 120 41.8 23.1 69.3



#95  
 Naphthalene  
 Concen: 0.341 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX007522.D  
 Acq: 13 Feb 2019 16:04

Tgt Ion:128 Resp: 8633  
 Ion Ratio Lower Upper  
 128 100  
 127 14.6 10.5 15.7  
 129 12.0 8.7 13.1

