

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\  
 Data File : VX004764.D  
 Acq On : 27 Sep 2018 10:41  
 Operator : JC/MD  
 Sample : VX0927WBL01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0927WBL01

Quant Time: Sep 28 05:46:36 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 272945   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 444850   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 416568   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 227968   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 196810   | 50.48 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.96% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 169893   | 45.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.12%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 631610   | 50.39 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.78% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 223358   | 49.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.94%  |          |

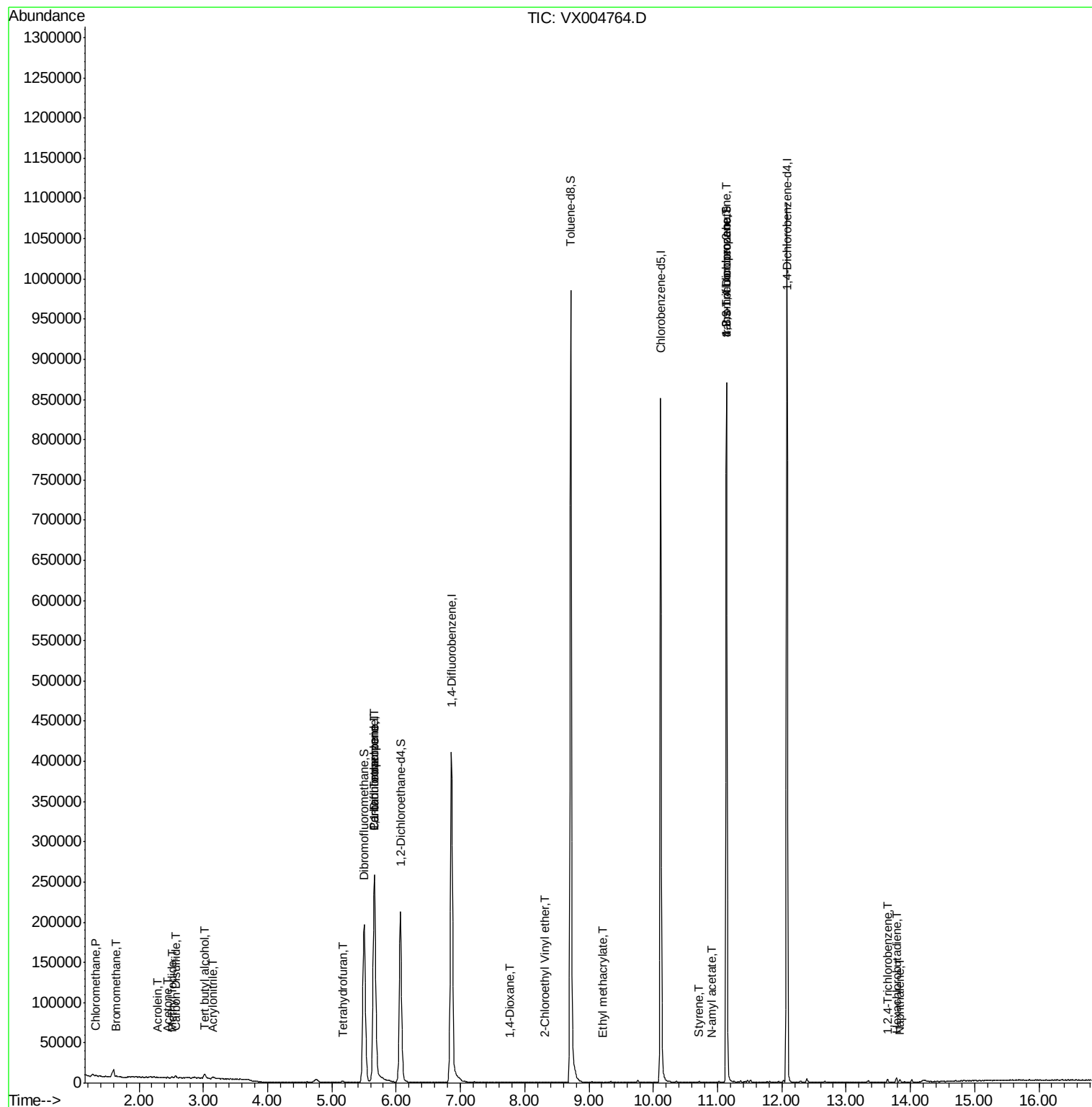
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 1047     | 0.232     | ug/l   | 97     |
| 5) Bromomethane                | 1.65  | 94   | 747      | 0.297     | ug/l   | 87     |
| 6) Chloroethane                | 1.71  | 64   | 60       | Below Cal | #      | 84     |
| 10) Methyl Iodide              | 2.52  | 142  | 837      | 0.209     | ug/l # | 92     |
| 11) Tert butyl alcohol         | 3.02  | 59   | 4068     | 3.731     | ug/l # | 83     |
| 13) Acrolein                   | 2.29  | 56   | 440      | 0.567     | ug/l # | 66     |
| 15) Acrylonitrile              | 3.15  | 53   | 1182     | 0.493     | ug/l # | 79     |
| 16) Acetone                    | 2.45  | 43   | 842      | 0.370     | ug/l # | 64     |
| 17) Carbon Disulfide           | 2.57  | 76   | 3397     | 0.382     | ug/l # | 85     |
| 20) Methylene Chloride         | 2.86  | 84   | 782      | Below Cal | #      | 73     |
| 29) Tetrahydrofuran            | 5.17  | 42   | 1086     | 0.521     | ug/l # | 47     |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 18464    | 3.589     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 24168    | 4.470     | ug/l # | 15     |
| 49) 1,4-Dioxane                | 7.76  | 88   | 74       | 0.666     | ug/l # | 40     |
| 56) Ethyl methacrylate         | 9.21  | 69   | 31       | 2.867     | ug/l # | 1      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 200      | 14.299    | ug/l # | 64     |
| 70) Styrene                    | 10.71 | 104  | 443      | 2.178     | ug/l   | 92     |
| 74) N-amyl acetate             | 10.91 | 43   | 249      | 1.778     | ug/l # | 44     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 107732   | 21.084    | ug/l # | 37     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 449      | Below Cal |        | 88     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 107732   | 57.206    | ug/l # | 10     |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 491      | Below Cal |        | 89     |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 1149     | 0.201     | ug/l   | 88     |
| 94) Hexachlorobutadiene        | 13.78 | 225  | 879      | 0.297     | ug/l   | 95     |
| 95) Naphthalene                | 13.83 | 128  | 2268     | 0.837     | ug/l # | 89     |

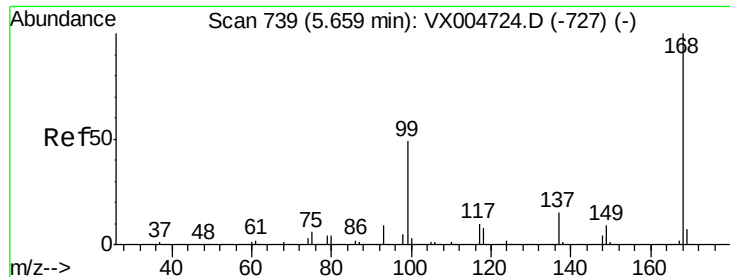
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092718\  
Data File : VX004764.D  
Acq On : 27 Sep 2018 10:41  
Operator : JC/MD  
Sample : VX0927WBL01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0927WBL01

Quant Time: Sep 28 05:46:36 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 26 14:17:02 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

Instrument :

MSVOA\_X

ClientSampled :

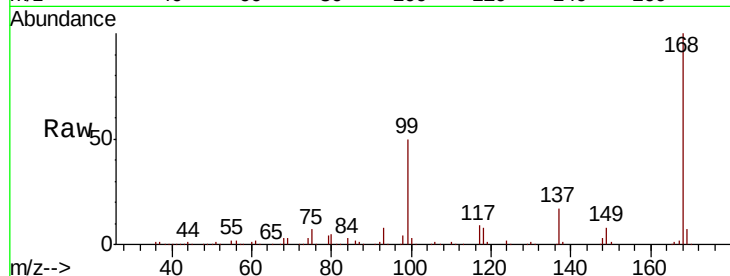
VX0927WBL01

Tot Ion:168 Resp: 272945

Ion Ratio Lower Upper

168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

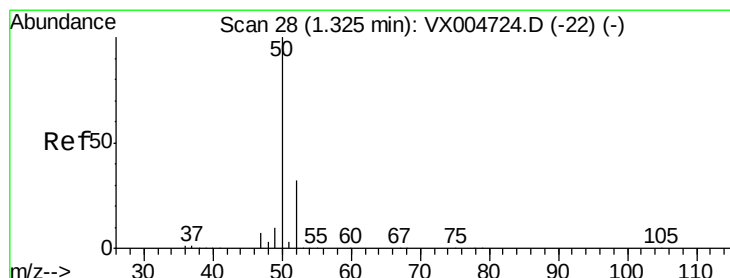
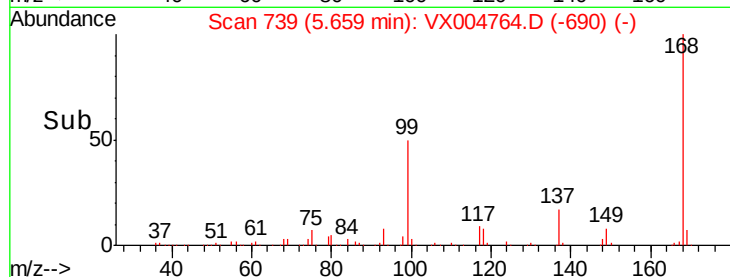
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.232 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004764.D

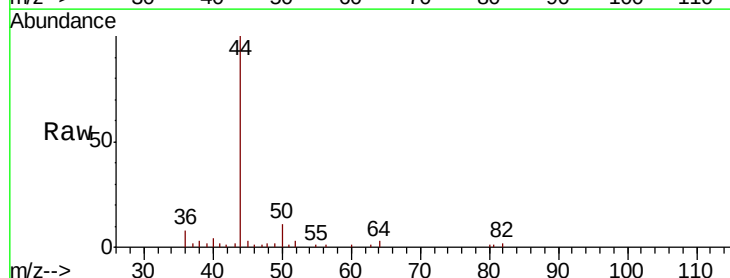
Acq: 27 Sep 2018 10:41

Tgt Ion: 50 Resp: 1047

Ion Ratio Lower Upper

50 100

52 30.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

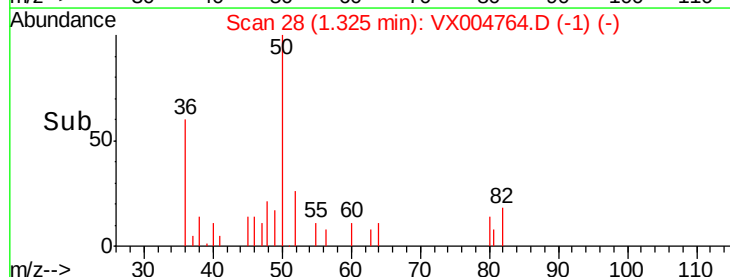
600

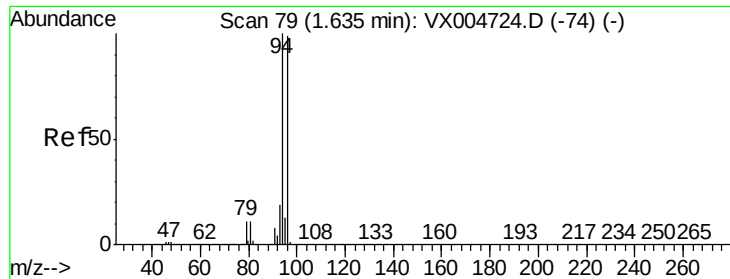
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.297 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

Instrument :

MSVOA\_X

ClientSampleId :

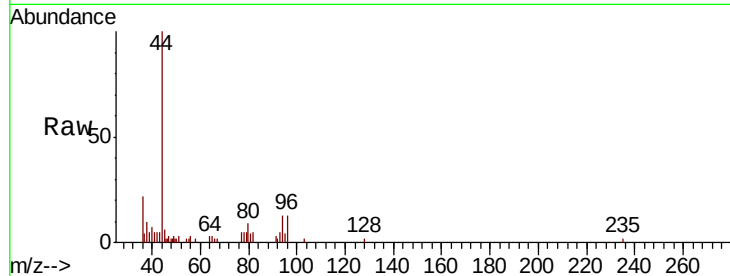
VX0927WBL01

Tot Ion: 94 Resp: 747

Ion Ratio Lower Upper

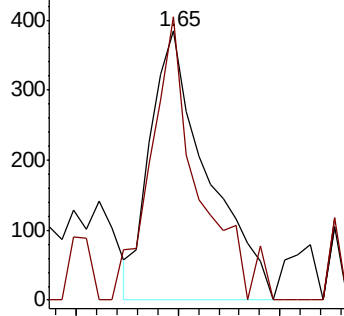
94 100

96 105.2 74.5 111.7

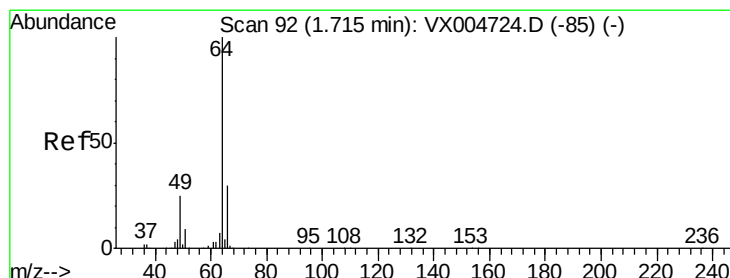
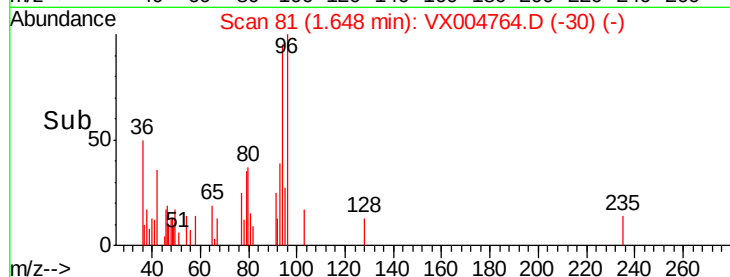


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004764.D

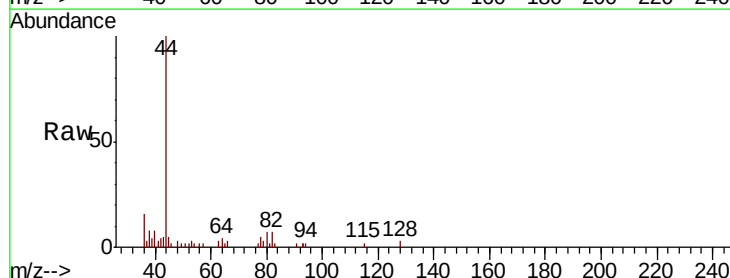
Acq: 27 Sep 2018 10:41

Tgt Ion: 64 Resp: 60

Ion Ratio Lower Upper

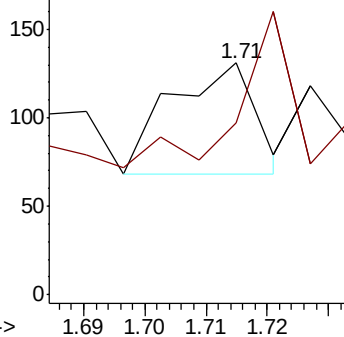
64 100

66 39.7 24.6 36.8#

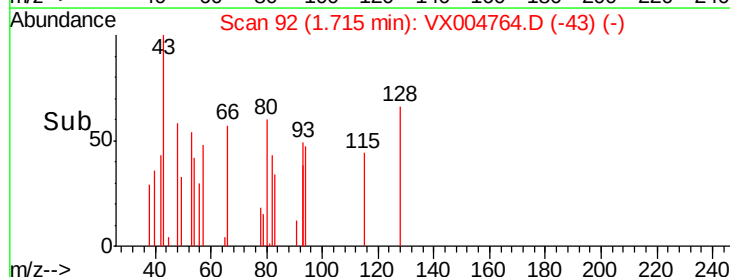


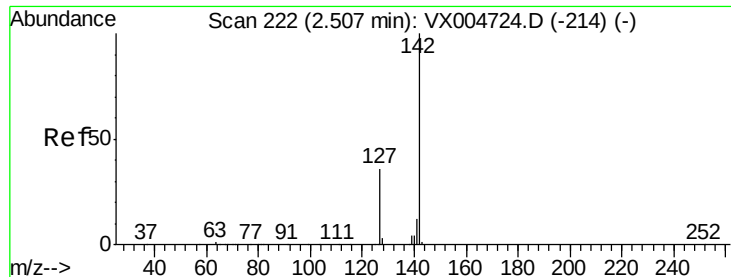
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

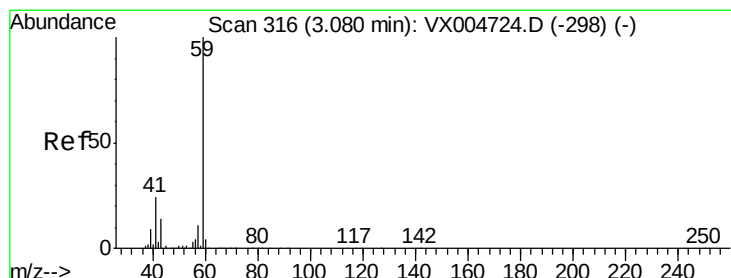
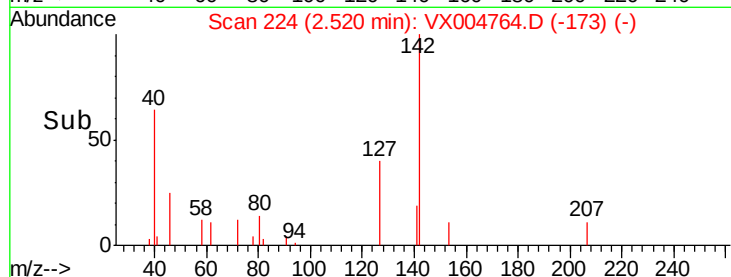
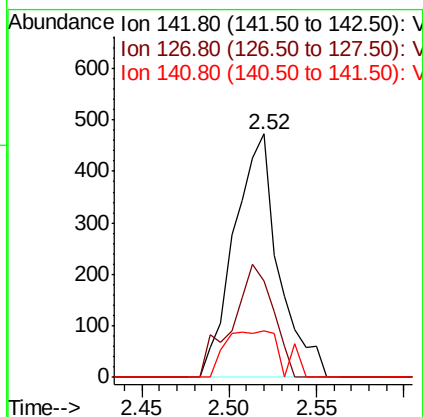
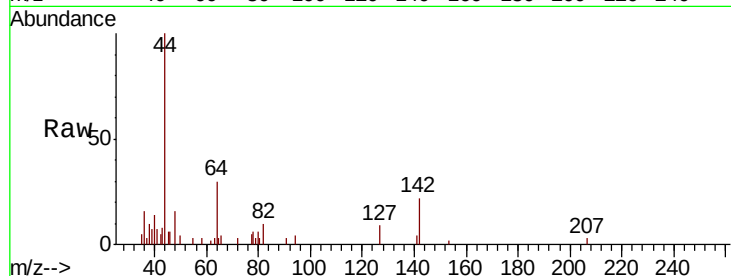




#10  
Methvl Iodide  
Concen: 0.209 ug/l  
RT: 2.52 min Scan# 224  
Delta R.T. 0.01 min  
Lab File: VX004764.D  
Acq: 27 Sep 2018 10:41

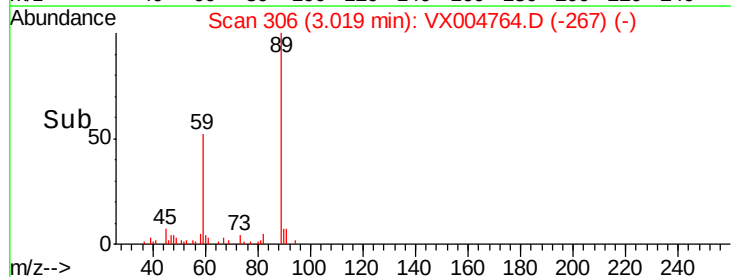
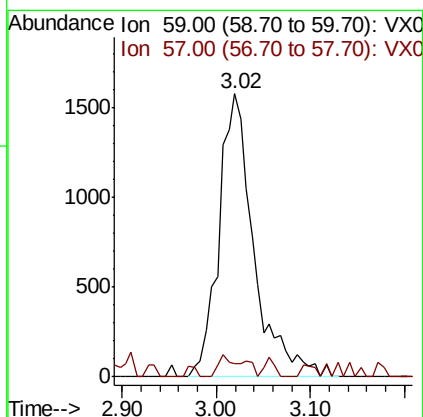
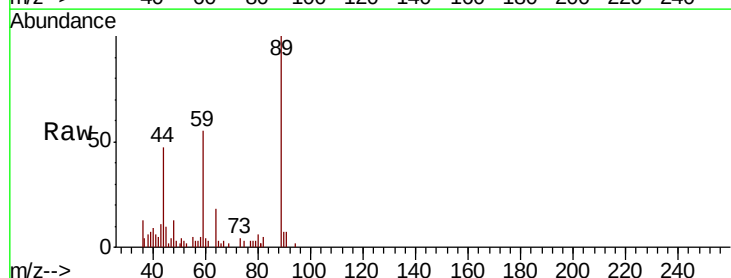
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0927WBL01

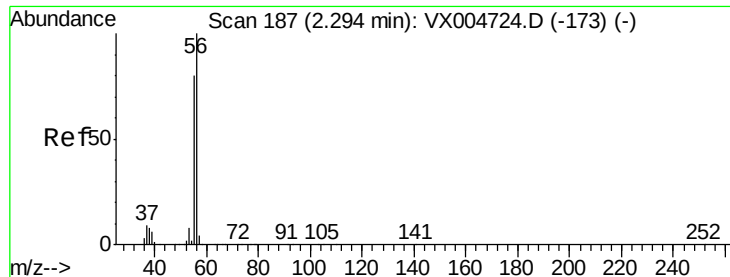
Tot Ion:142 Resp: 837  
Ion Ratio Lower Upper  
142 100  
127 43.4 33.8 50.6  
141 24.1 11.4 17.0#



#11  
Tert butyl alcohol  
Concen: 3.731 ug/l  
RT: 3.02 min Scan# 306  
Delta R.T. -0.06 min  
Lab File: VX004764.D  
Acq: 27 Sep 2018 10:41

Tgt Ion: 59 Resp: 4068  
Ion Ratio Lower Upper  
59 100  
57 3.8 8.2 12.4#

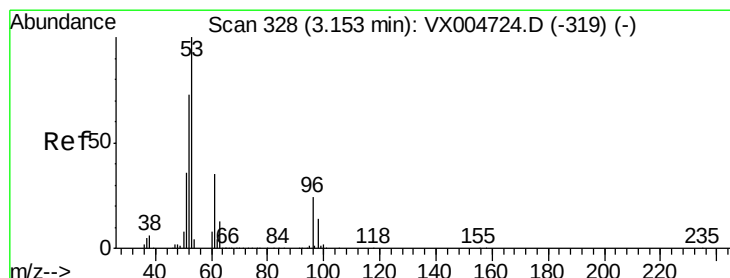
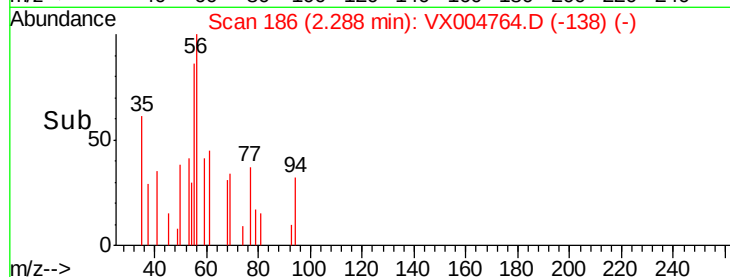
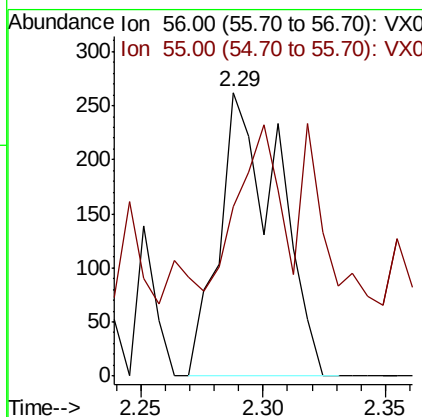
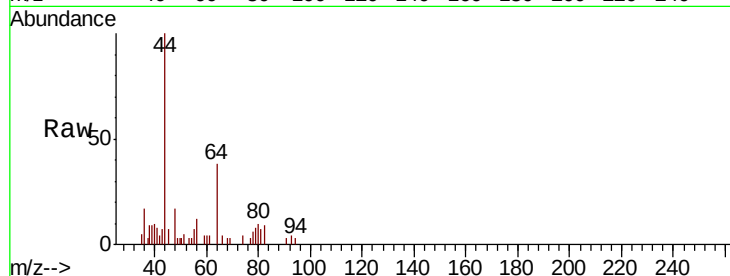




#13  
 Acrolein  
 Concen: 0.567 ug/l  
 RT: 2.29 min Scan# 186  
 Delta R.T. -0.01 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

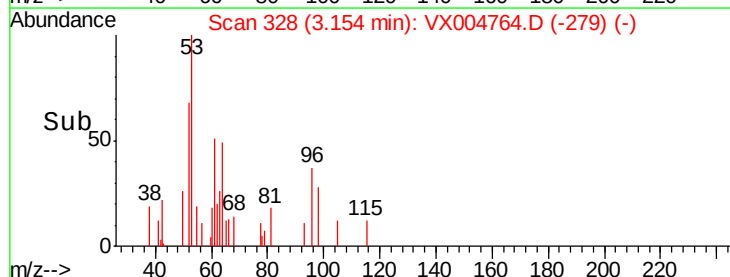
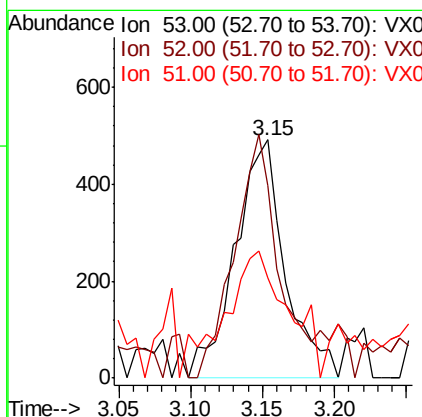
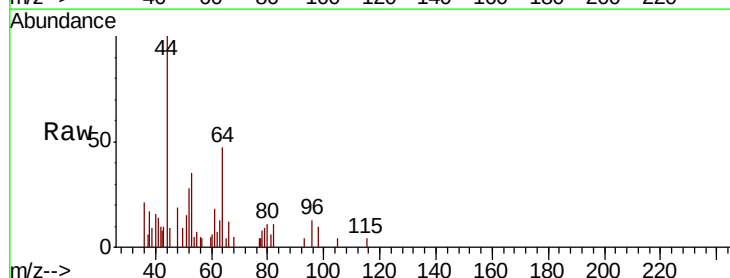
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0927WBL01

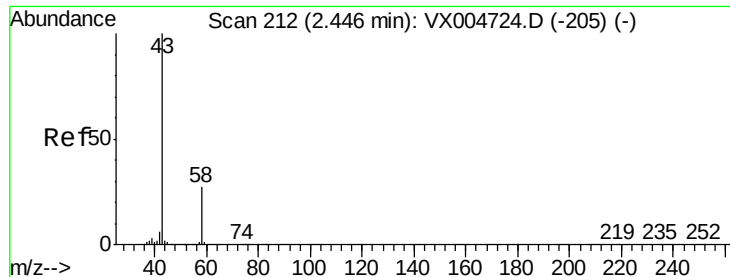
Tot Ion: 56 Resp: 440  
 Ion Ratio Lower Upper  
 56 100  
 55 40.9 54.7 82.1#



#15  
 Acrylonitrile  
 Concen: 0.493 ug/l  
 RT: 3.15 min Scan# 328  
 Delta R.T. 0.00 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

Tgt Ion: 53 Resp: 1182  
 Ion Ratio Lower Upper  
 53 100  
 52 90.1 65.2 97.8  
 51 63.4 28.2 42.2#





#16

Acetone

Concen: 0.370 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

Instrument :

MSVOA\_X

ClientSampleId :

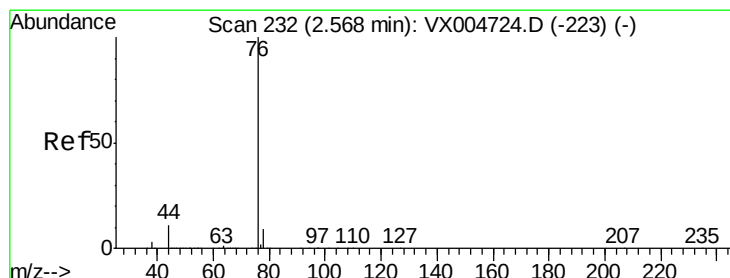
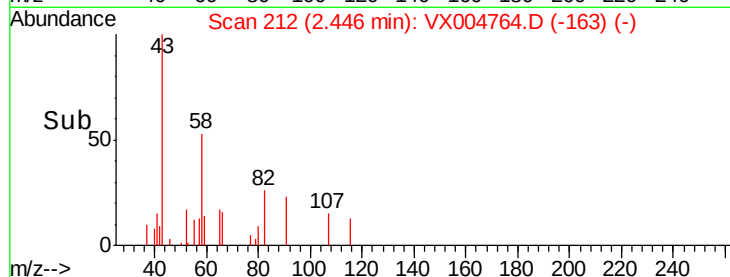
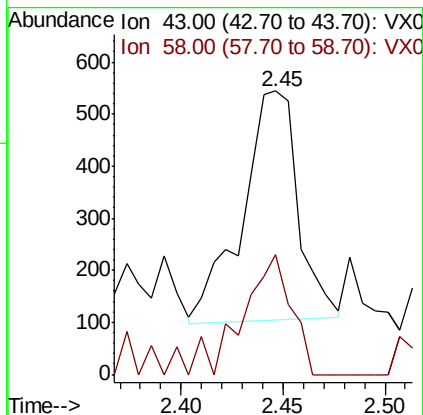
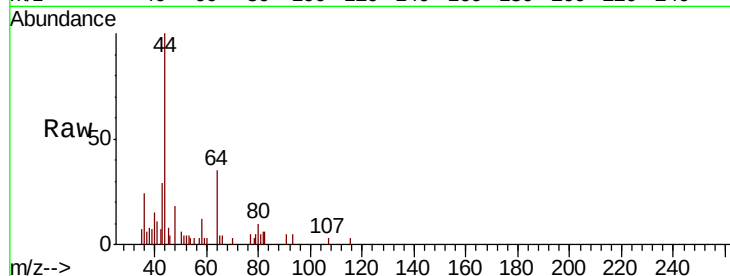
VX0927WBL01

Tot Ion: 43 Resp: 842

Ion Ratio Lower Upper

43 100

58 53.2 26.2 39.4#



#17

Carbon Disulfide

Concen: 0.382 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004764.D

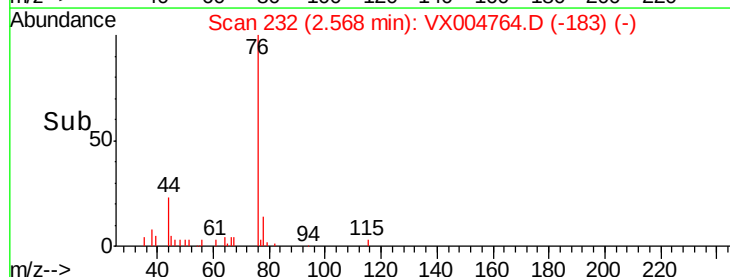
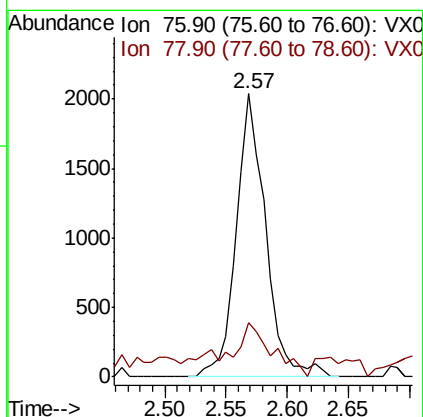
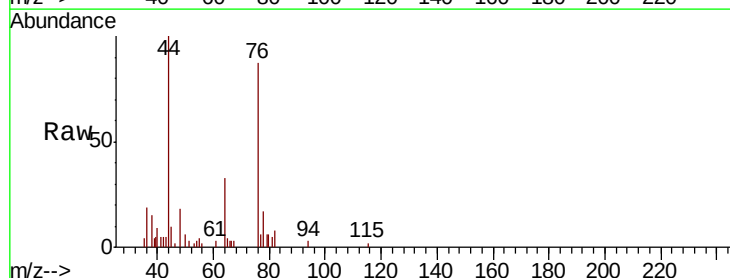
Acq: 27 Sep 2018 10:41

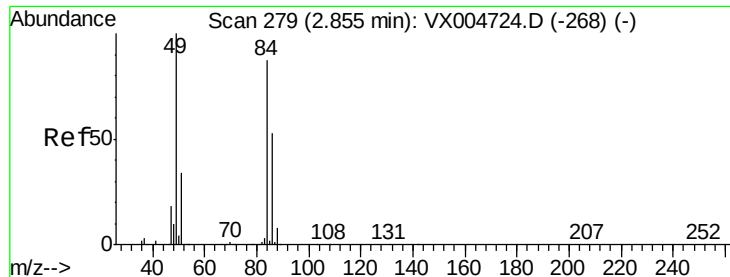
Tgt Ion: 76 Resp: 3397

Ion Ratio Lower Upper

76 100

78 14.3 7.0 10.6#

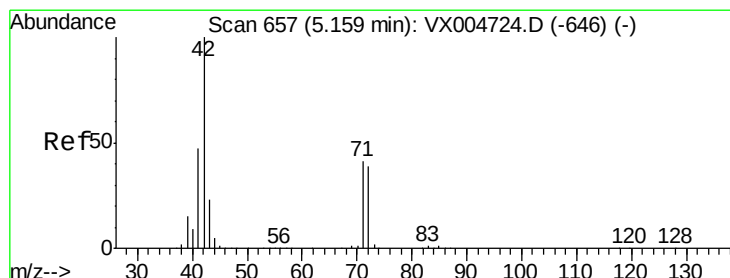
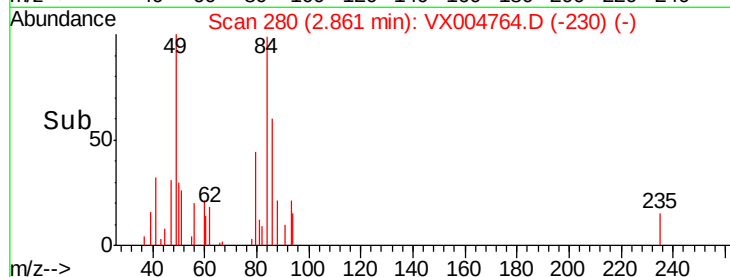
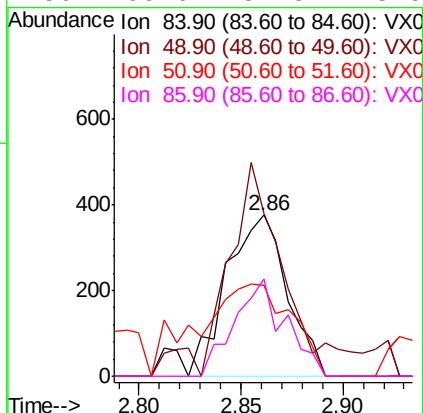
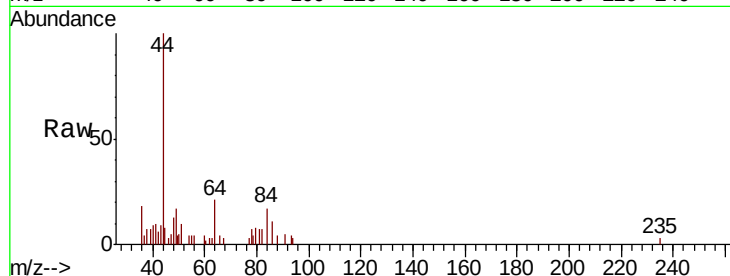




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX004764.D  
Acq: 27 Sep 2018 10:41

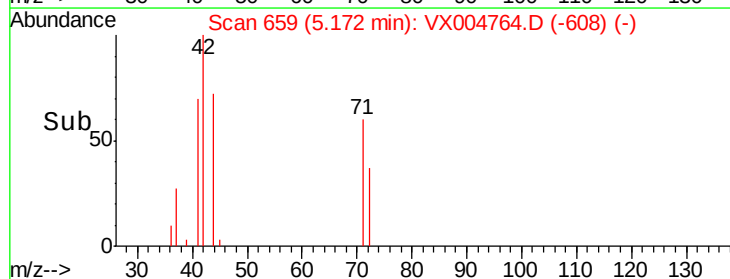
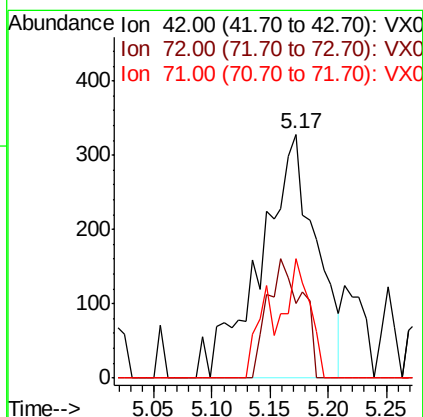
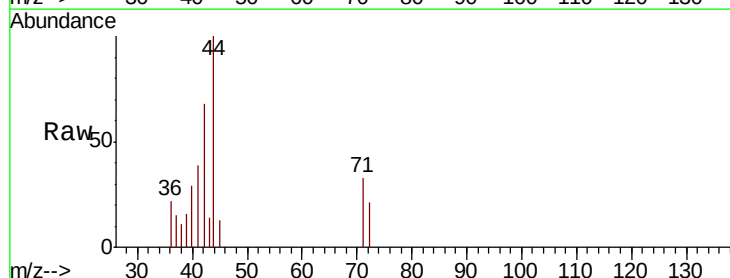
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0927WBL01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 84    | Resp: | 782    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 84.0  | 101.2 | 151.8# |
| 51       | 56.4  | 29.5  | 44.3#  |
| 86       | 60.6  | 52.3  | 78.5   |

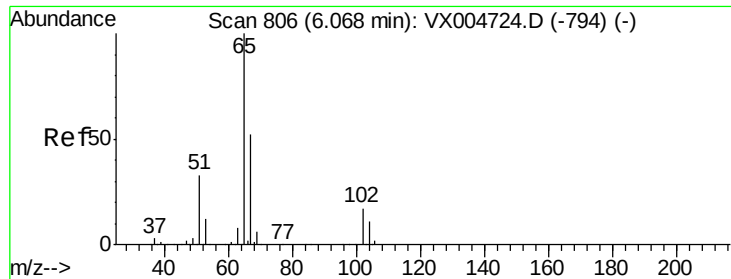


#29  
Tetrahydrofuran  
Concen: 0.521 ug/l  
RT: 5.17 min Scan# 659  
Delta R.T. 0.01 min  
Lab File: VX004764.D  
Acq: 27 Sep 2018 10:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1086  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 37.4  | 56.0# |
| 71       | 21.1  | 34.5  | 51.7# |



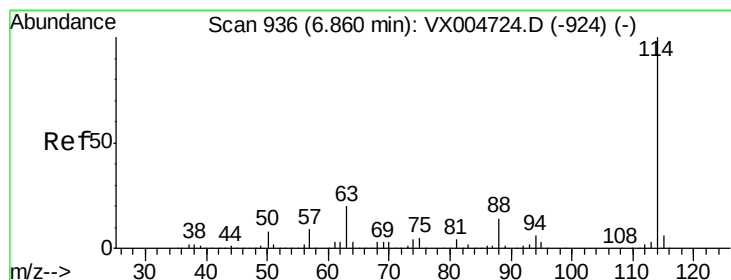
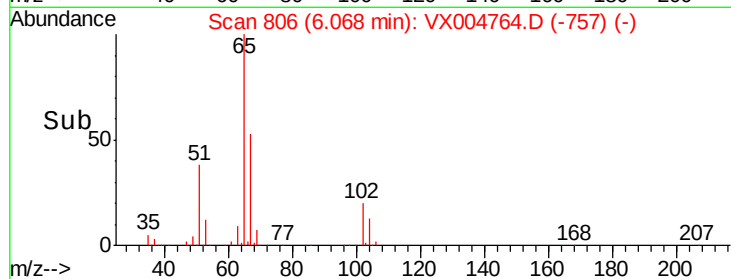
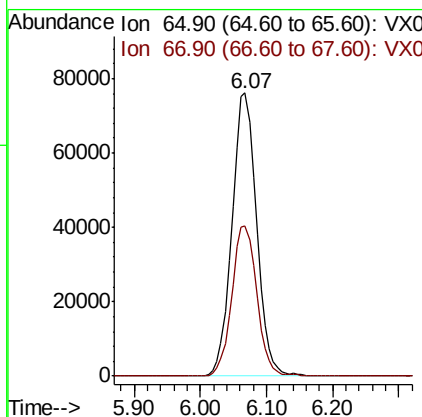
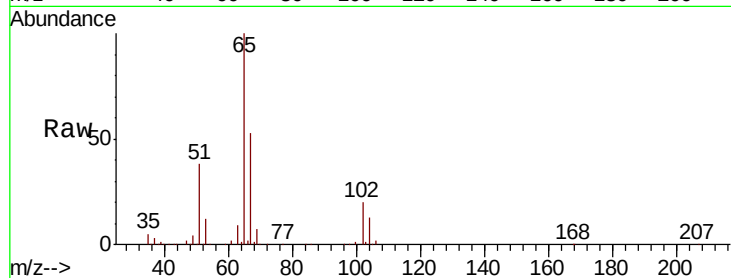




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.477 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

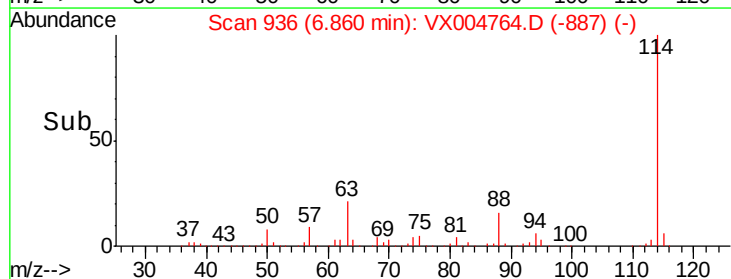
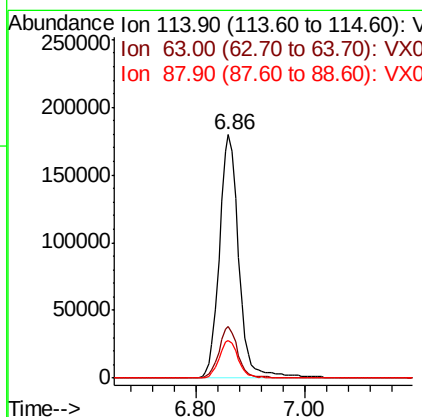
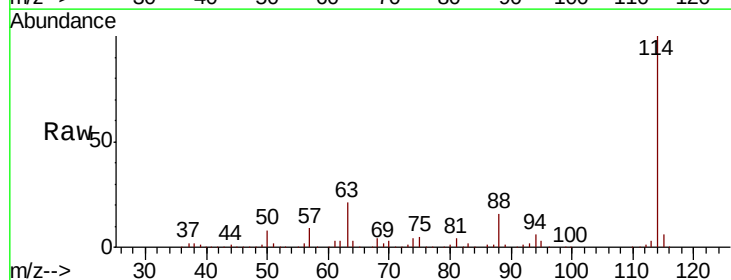
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0927WBL01

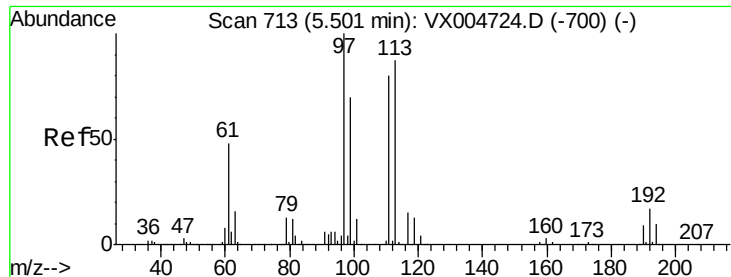
Tot Ion: 65 Resp: 196810  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

Tgt Ion: 114 Resp: 444850  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 39.0  
 88 15.7 0.0 30.4

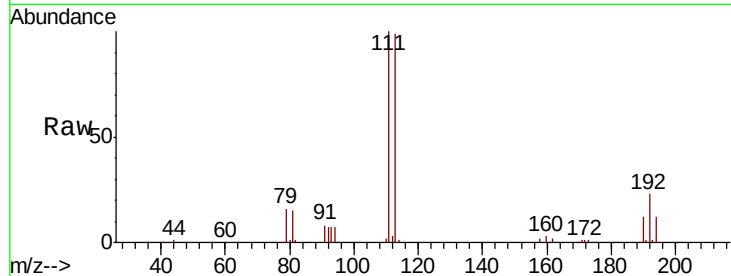




#35  
 Dibromofluoromethane  
 Concen: 45.063 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0927WBL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.4 | 82.4  | 123.6 |
| 192     | 23.0  | 19.4  | 29.2  |

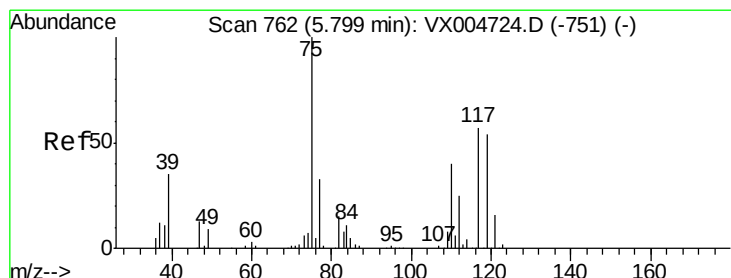
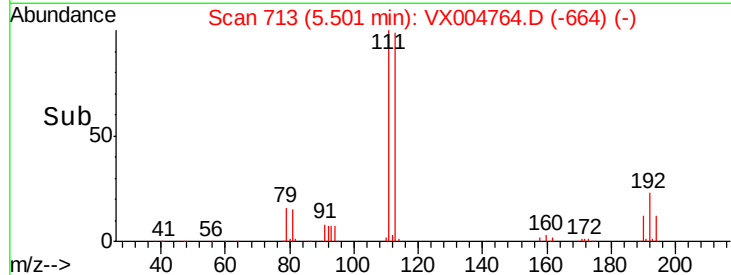
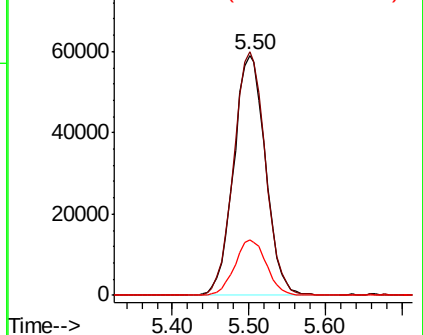


Abundance

Ion 112.80 (112.50 to 113.50): V

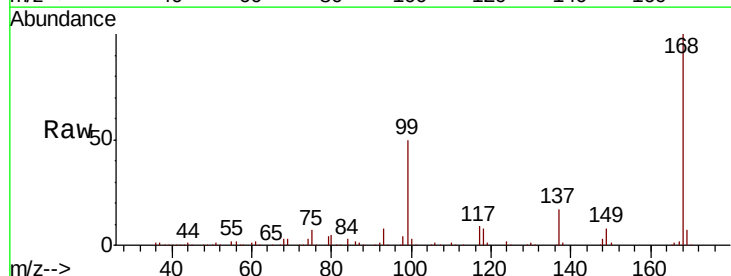
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 3.589 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.2   | 18.0  | 54.0# |
| 77      | 0.0   | 24.6  | 36.8# |

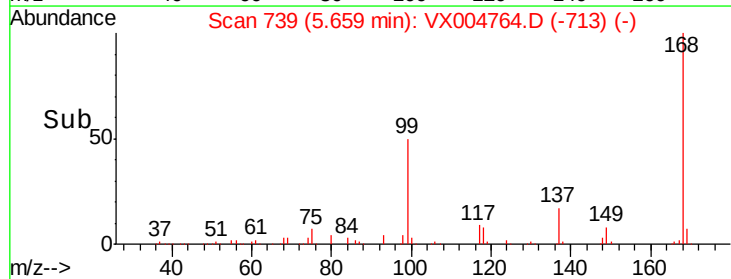
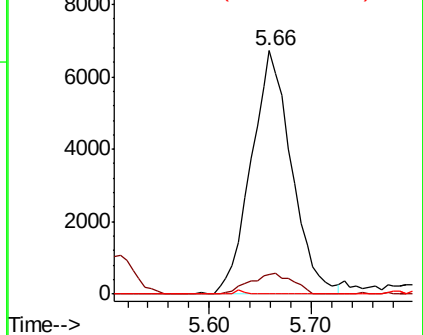


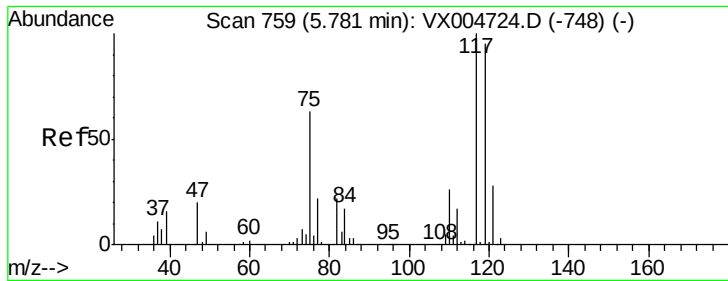
Abundance

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





#38

Carbon Tetrachloride

Concen: 4.470 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0927WBL01

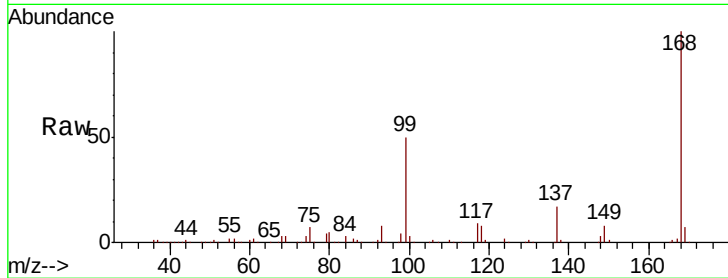
Tot Ion:117 Resp: 24168

Ion Ratio Lower Upper

117 100

119 5.6 78.8 118.2#

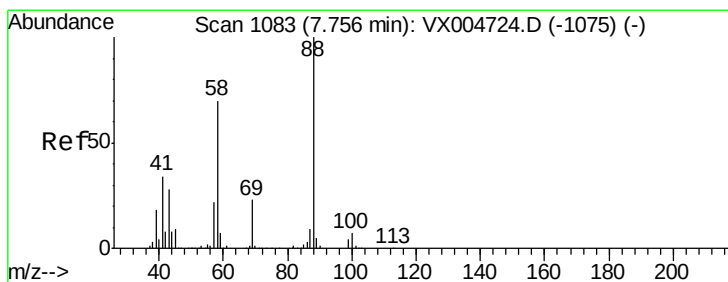
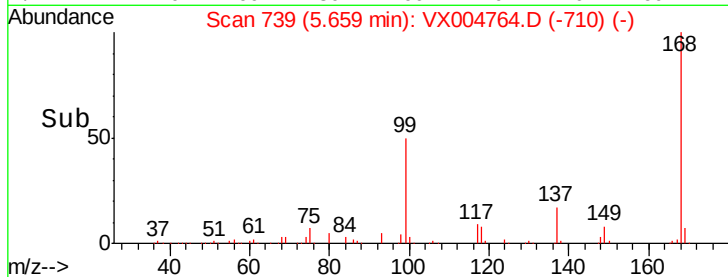
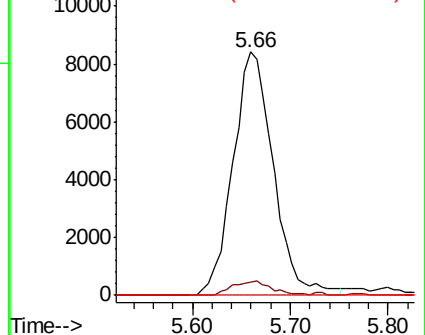
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.666 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

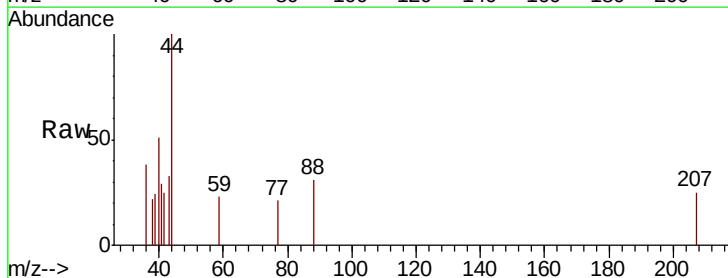
Tgt Ion: 88 Resp: 74

Ion Ratio Lower Upper

88 100

43 28.4 24.7 37.1

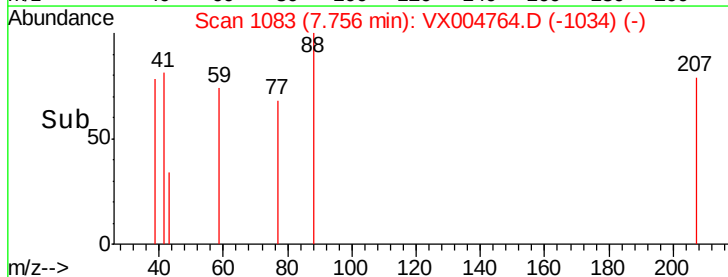
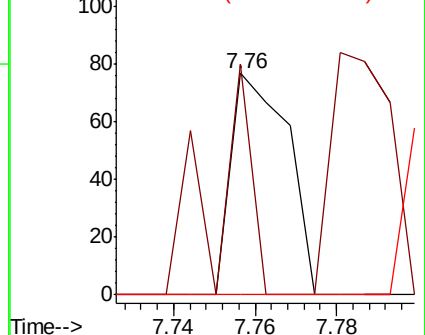
58 0.0 55.3 82.9#

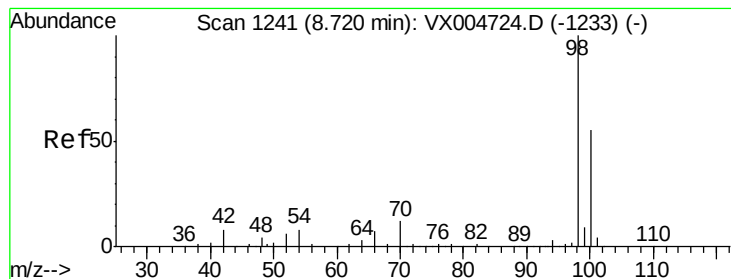


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.392 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

Instrument :

MSVOA\_X

ClientSampleId :

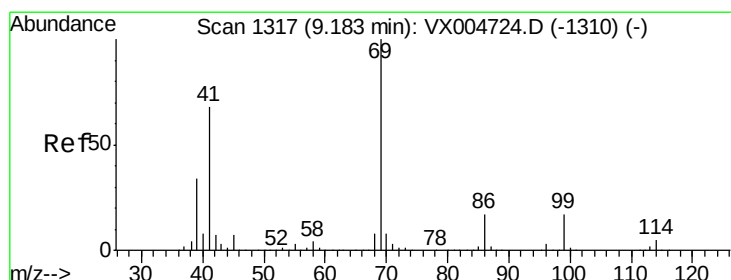
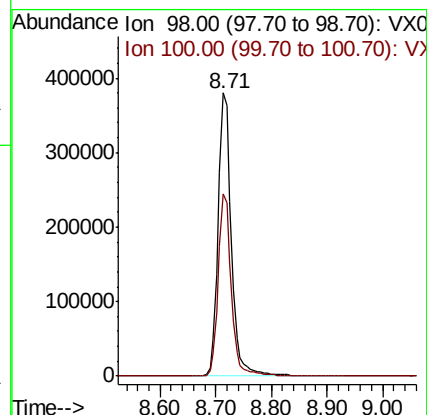
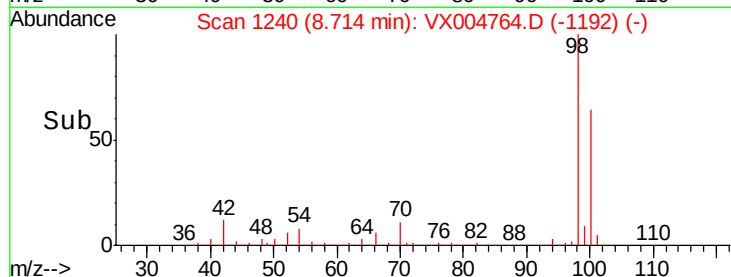
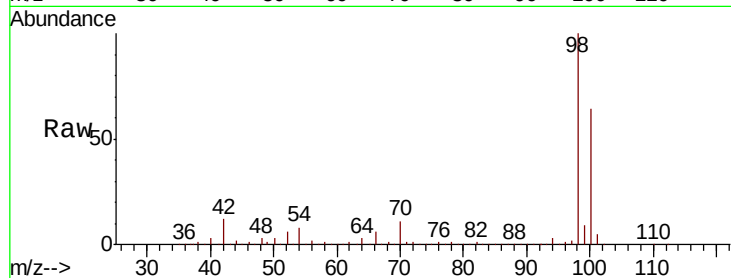
VX0927WBL01

Tot Ion: 98 Resp: 631610

Ion Ratio Lower Upper

98 100

100 63.7 52.9 79.3



#56

Ethyl methacrylate

Concen: 2.867 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.03 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

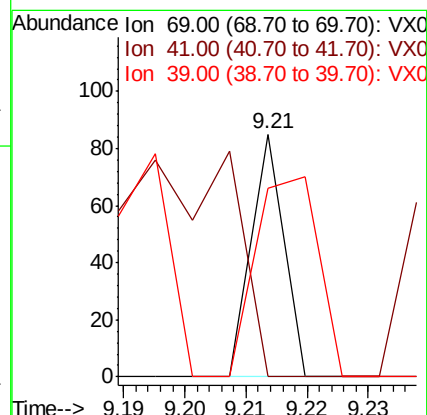
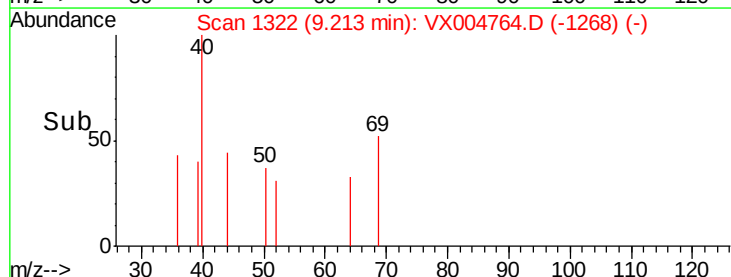
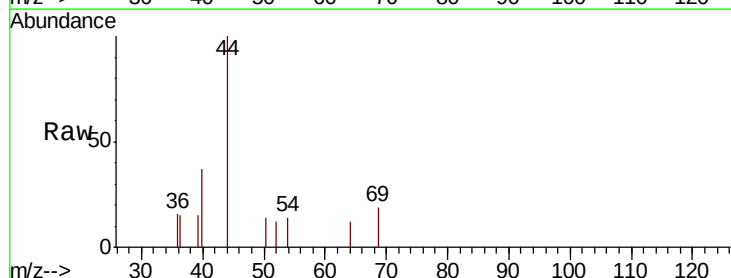
Tgt Ion: 69 Resp: 31

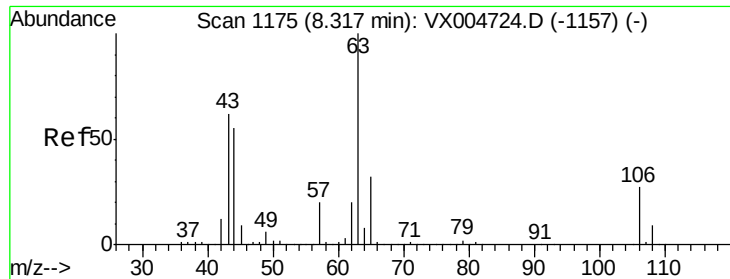
Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

39 161.3 26.1 39.1#

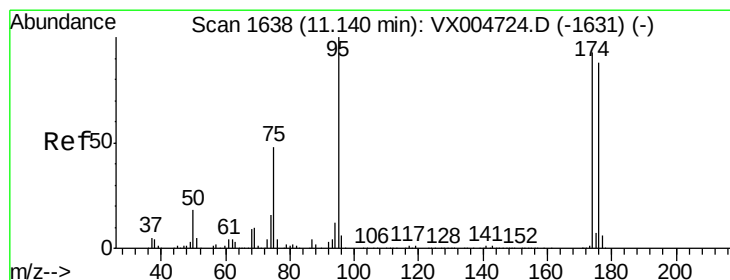
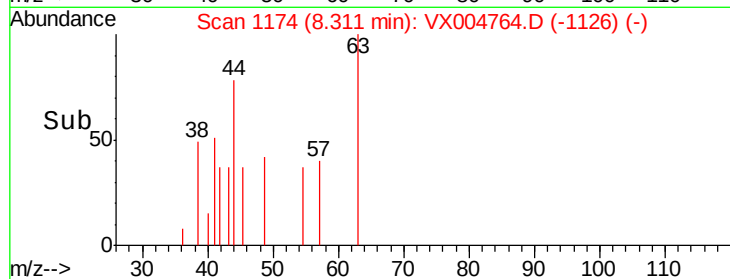
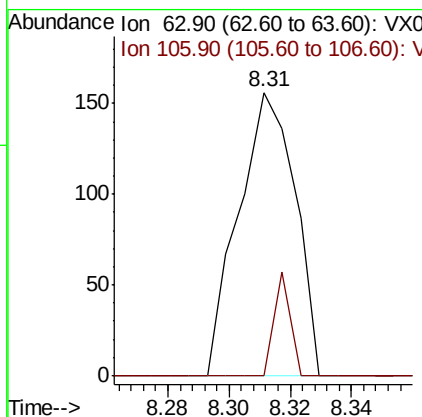
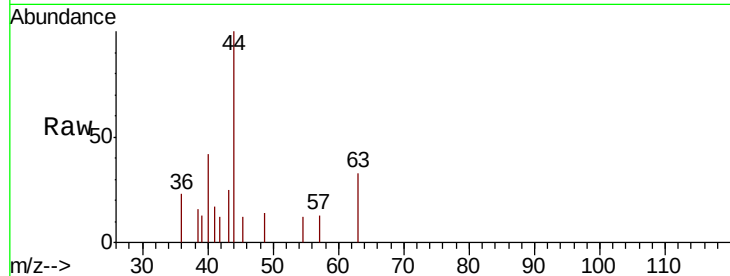




#58  
 2-Chloroethyl Vinyl ether  
 Concen: 14.299 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

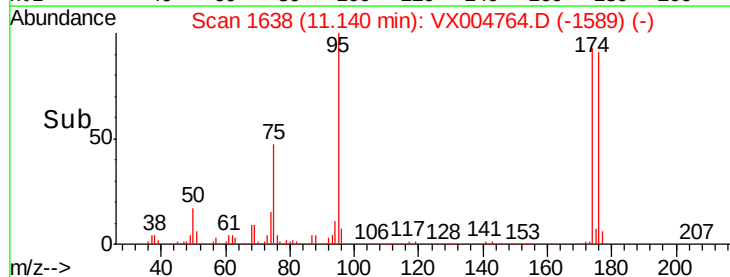
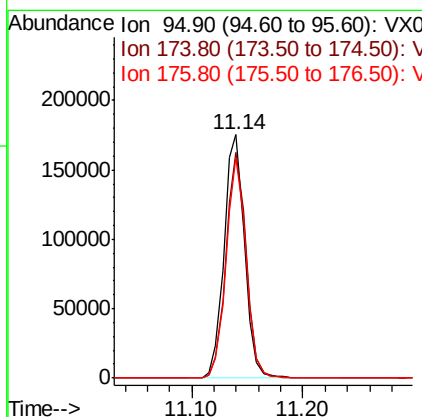
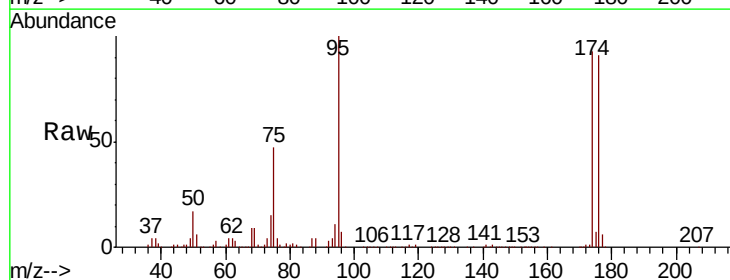
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0927WBL01

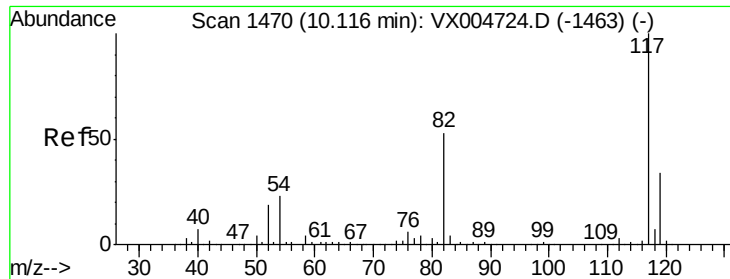
Tot Ion: 63 Resp: 200  
 Ion Ratio Lower Upper  
 63 100  
 106 10.5 23.9 35.9#



#62  
 4-Bromofluorobenzene  
 Concen: 49.466 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. 0.00 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

Tgt Ion: 95 Resp: 223358  
 Ion Ratio Lower Upper  
 95 100  
 174 91.7 0.0 185.2  
 176 88.5 0.0 178.6

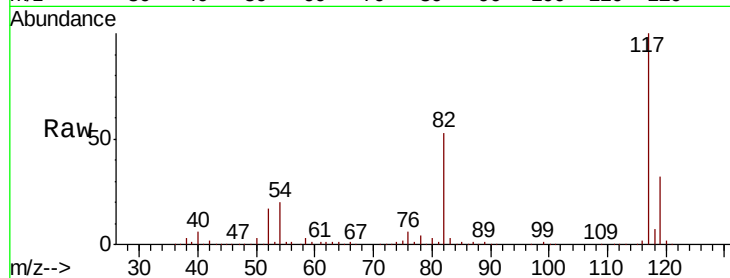




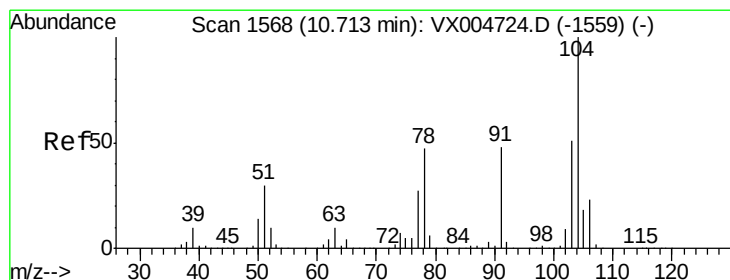
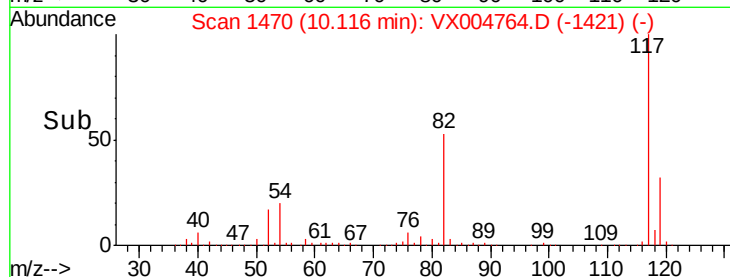
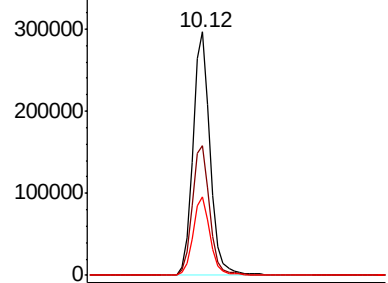
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX004764.D  
Acq: 27 Sep 2018 10:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0927WBL01

Tot Ion:117 Resp: 416568  
Ion Ratio Lower Upper  
117 100  
82 53.1 47.8 71.6  
119 32.3 29.3 43.9

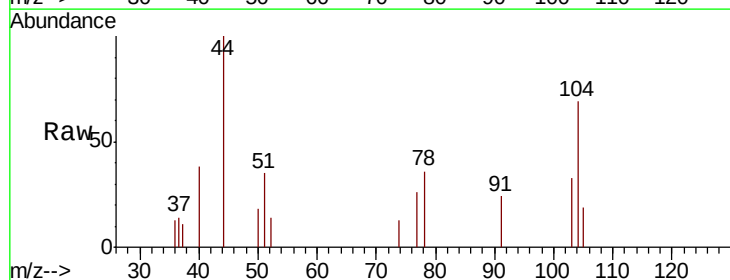


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

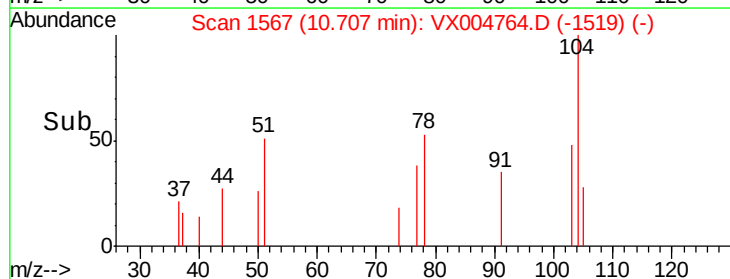
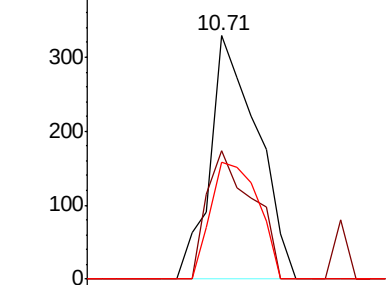


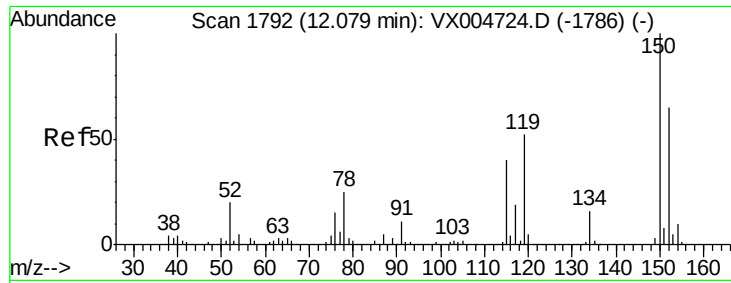
#70  
Styrene  
Concen: 2.178 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VX004764.D  
Acq: 27 Sep 2018 10:41

Tgt Ion:104 Resp: 443  
Ion Ratio Lower Upper  
104 100  
78 51.0 37.4 56.0  
103 48.3 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): 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: VX004764.D

Acq: 27 Sep 2018 10:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0927WBL01

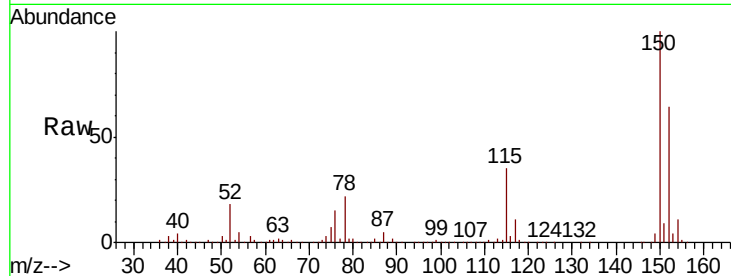
Tot Ion:152 Resp: 227968

Ion Ratio Lower Upper

152 100

115 55.3 39.0 117.0

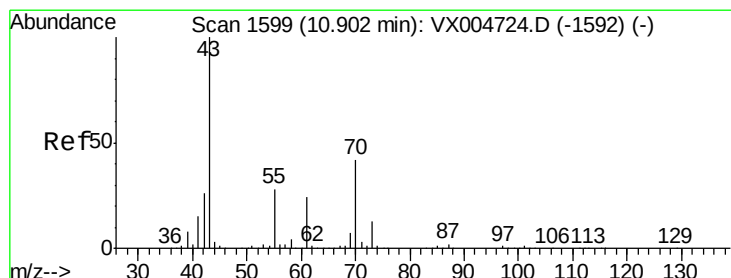
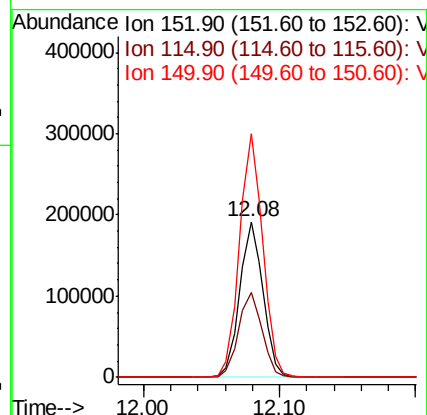
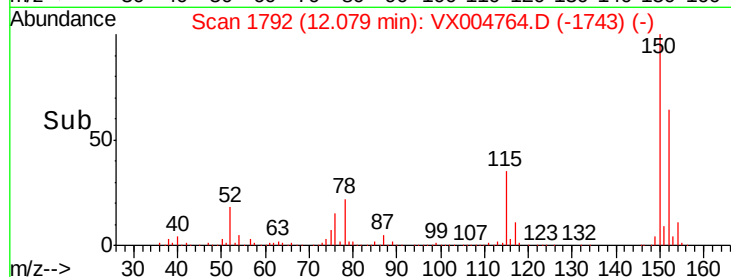
150 156.4 0.0 351.0



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



#74

N-ethyl acetate

Concen: 1.778 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

Tgt Ion: 43 Resp: 249

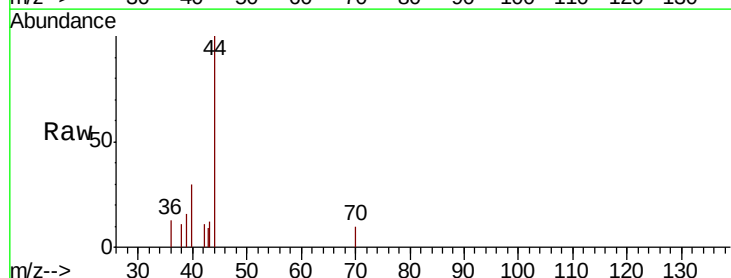
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 8.0 21.8 32.8#

61 0.0 20.6 30.8#

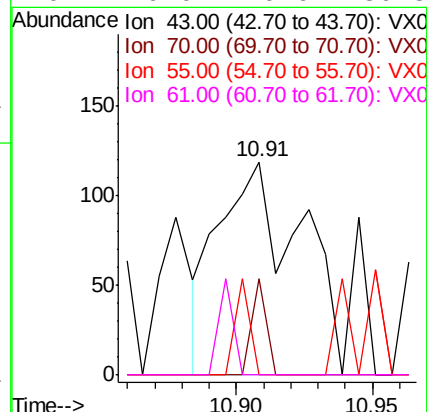
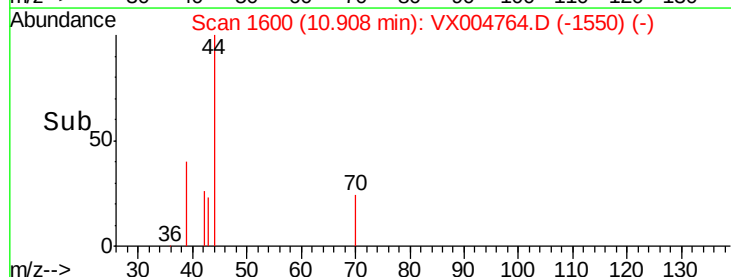


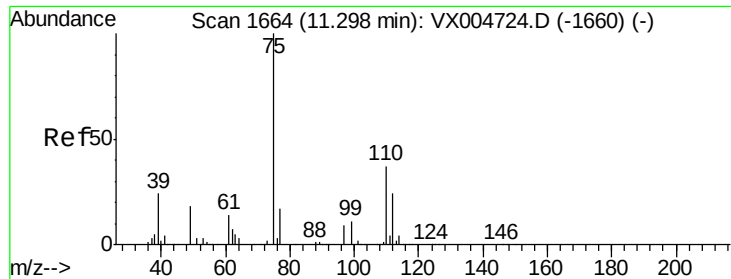
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 21.084 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

Instrument :

MSVOA\_X

ClientSampleId :

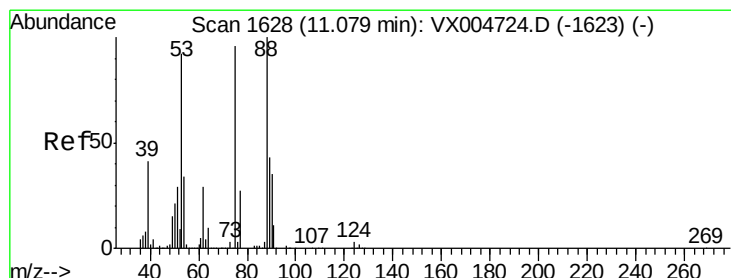
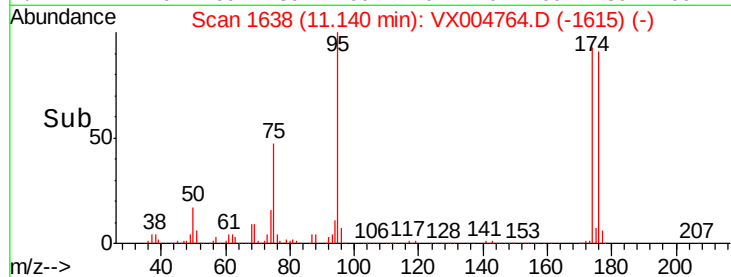
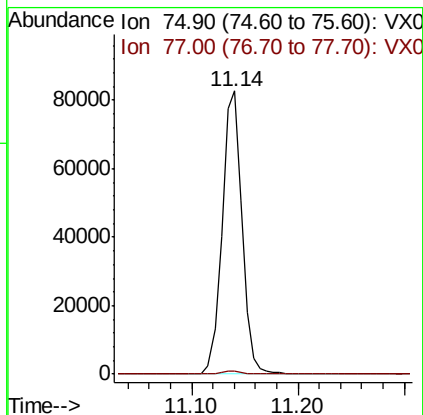
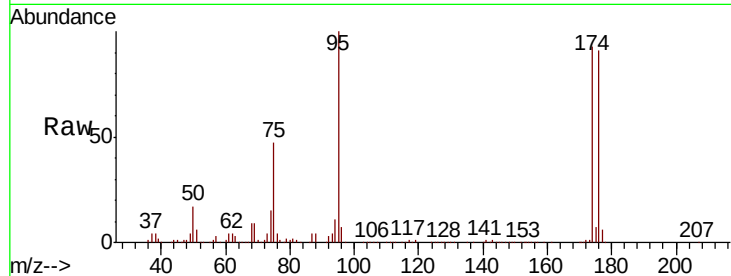
VX0927WBL01

Tot Ion: 75 Resp: 107732

Ion Ratio Lower Upper

75 100

77 1.2 20.2 60.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.206 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

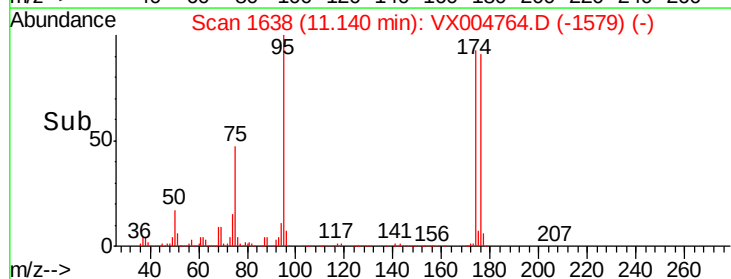
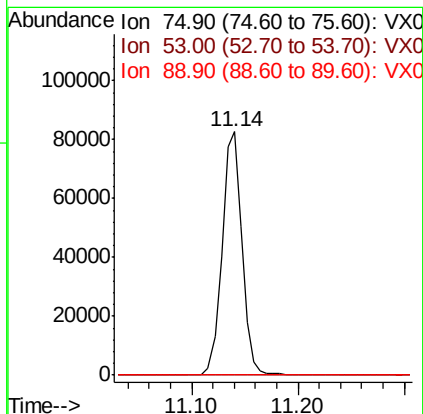
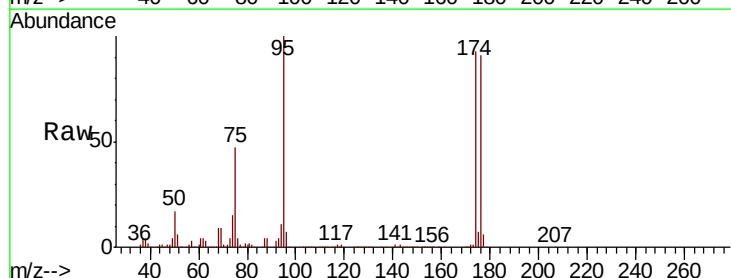
Tgt Ion: 75 Resp: 107732

Ion Ratio Lower Upper

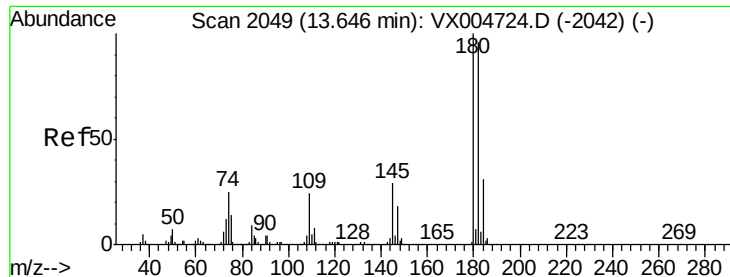
75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#



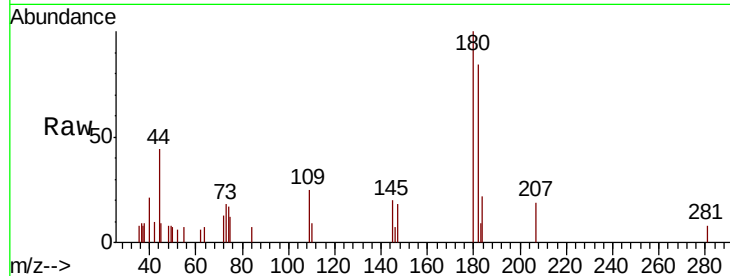




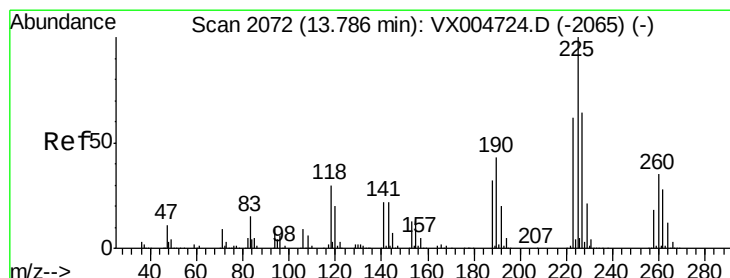
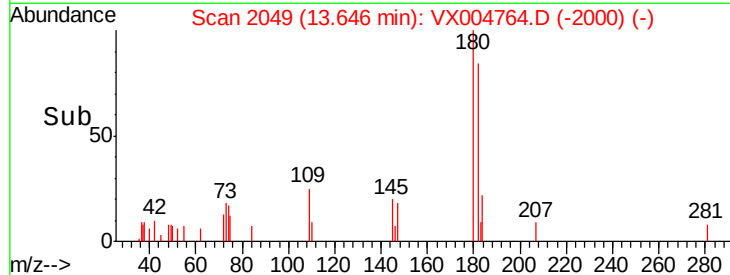
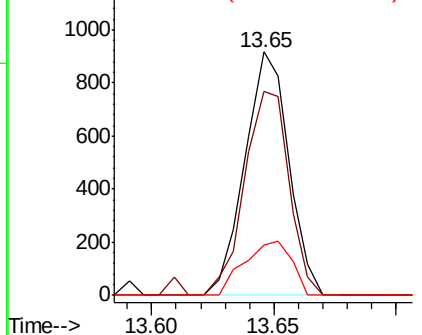
#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.201 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0927WBL01

Tot Ion:180 Resp: 1149  
 Ion Ratio Lower Upper  
 180 100  
 182 84.7 48.4 145.0  
 145 23.8 14.3 42.9

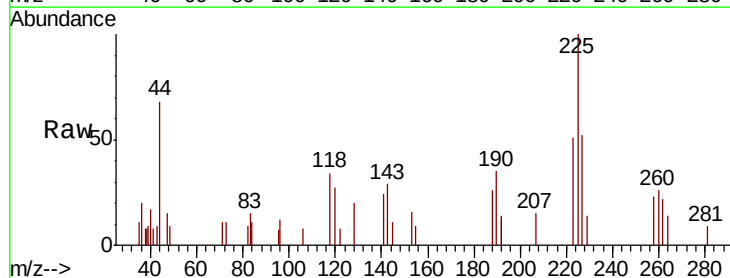


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

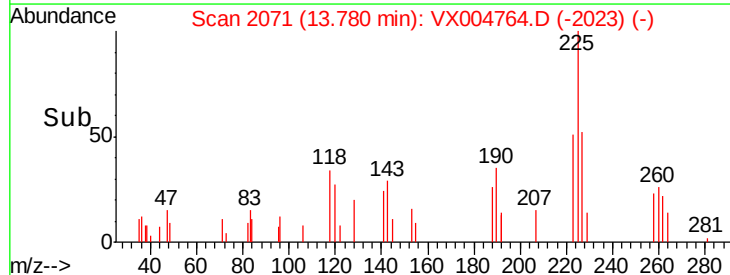
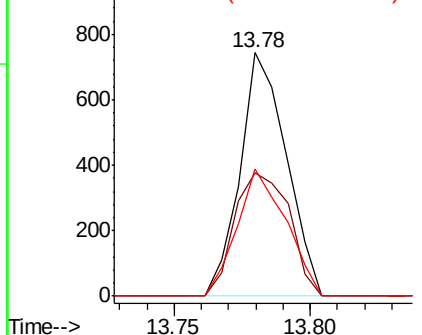


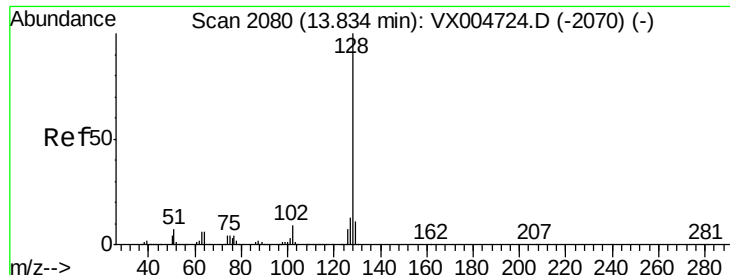
#94  
 Hexachlorobutadiene  
 Concen: 0.297 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VX004764.D  
 Acq: 27 Sep 2018 10:41

Tgt Ion:225 Resp: 879  
 Ion Ratio Lower Upper  
 225 100  
 223 59.8 30.1 90.5  
 227 54.8 30.8 92.4



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





#95

Naphthalene

Concen: 0.837 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004764.D

Acq: 27 Sep 2018 10:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0927WBL01

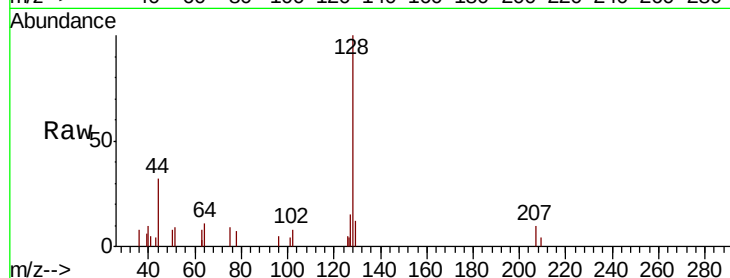
Tot Ion:128 Resp: 2268

Ion Ratio Lower Upper

128 100

127 18.9 10.2 15.2#

129 8.7 8.6 12.8



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

