

Data File : VX013933.D  
Acq On : 11 Dec 2019 10:35  
Operator : JC/SP  
Sample : VX1211WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

Quant Time: Dec 12 03:55:40 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 596066   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 917256   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 827227   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 397995   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.05   | 65  | 332932   | 48.12 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.24% |      |
| 35) Dibromofluoromethane    | 5.48   | 113 | 276747   | 48.80 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.60% |      |
| 50) Toluene-d8              | 8.71   | 98  | 1085469  | 49.13 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.26% |      |
| 62) 4-Bromofluorobenzene    | 11.13  | 95  | 374739   | 47.04 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.08% |      |

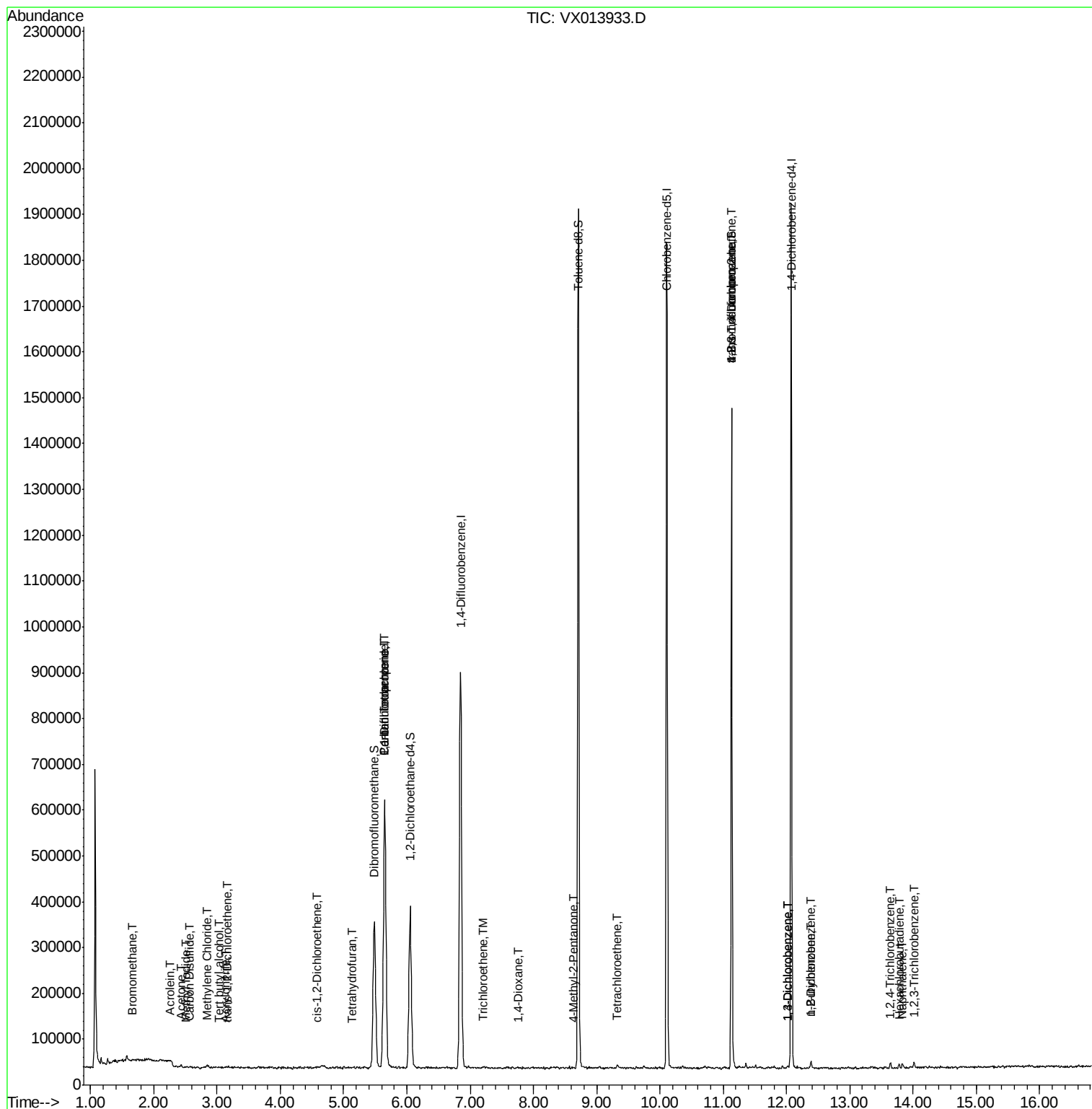
|                                |       |     |        |        |        |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds               |       |     | Qvalue |        |        |    |
| 5) Bromomethane                | 1.66  | 94  | 1598   | 0.284  | ug/l # | 59 |
| 10) Methyl Iodide              | 2.50  | 142 | 1455   | 0.212  | ug/l # | 51 |
| 11) Tert butyl alcohol         | 3.03  | 59  | 1285   | 0.752  | ug/l # | 74 |
| 13) Acrolein                   | 2.27  | 56  | 432    | 6.373  | ug/l # | 65 |
| 15) Acrylonitrile              | 3.14  | 53  | 840    | 0.238  | ug/l # | 27 |
| 16) Acetone                    | 2.43  | 43  | 7042   | 2.061  | ug/l # | 75 |
| 17) Carbon Disulfide           | 2.56  | 76  | 3968   | 0.245  | ug/l   | 96 |
| 20) Methylene Chloride         | 2.84  | 84  | 3546   | 0.540  | ug/l # | 77 |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96  | 1315   | 0.213  | ug/l # | 38 |
| 27) cis-1,2-Dichloroethene     | 4.58  | 96  | 1857   | 0.262  | ug/l   | 23 |
| 29) Tetrahydrofuran            | 5.14  | 42  | 1150   | 0.367  | ug/l # | 58 |
| 36) 1,1-Dichloropropene        | 5.64  | 75  | 40795  | 4.899  | ug/l # | 46 |
| 38) Carbon Tetrachloride       | 5.65  | 117 | 51163  | 6.664  | ug/l # | 16 |
| 44) Trichloroethene            | 7.20  | 130 | 1530   | 0.220  | ug/l   | 54 |
| 49) 1,4-Dioxane                | 7.76  | 88  | 235    | 1.405  | ug/l # | 1  |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43  | 1935   | 0.200  | ug/l # | 64 |
| 64) Tetrachloroethene          | 9.33  | 164 | 1338   | 0.217  | ug/l # | 45 |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 186739 | 20.861 | ug/l # | 39 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 186739 | 57.072 | ug/l # | 11 |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146 | 3165   | 0.241  | ug/l   | 94 |
| 88) 1,4-Dichlorobenzene        | 12.03 | 146 | 3165   | 0.236  | ug/l   | 94 |
| 89) n-Butylbenzene             | 12.39 | 91  | 4511   | 0.214  | ug/l   | 92 |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146 | 2618   | 0.202  | ug/l   | 94 |
| 93) 1,2,4-Trichlorobenzene     | 13.64 | 180 | 3875   | 0.428  | ug/l   | 94 |
| 94) Hexachlorobutadiene        | 13.78 | 225 | 1409   | 0.324  | ug/l   | 89 |
| 95) Naphthalene                | 13.83 | 128 | 7120   | 0.264  | ug/l # | 84 |
| 96) 1,2,3-Trichlorobenzene     | 14.01 | 180 | 3314   | 0.370  | ug/l   | 92 |

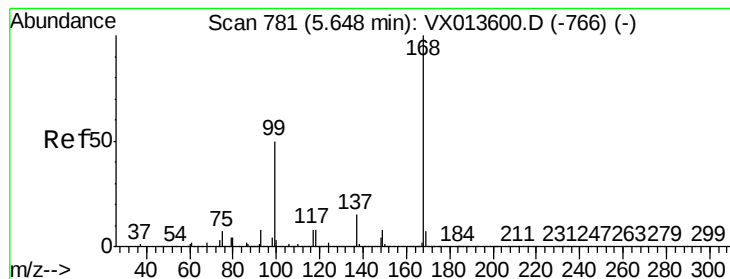
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX013933.D  
Acq On : 11 Dec 2019 10:35  
Operator : JC/SP  
Sample : VX1211WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

Quant Time: Dec 12 03:55:40 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :

MSVOA\_X

ClientSampleId :

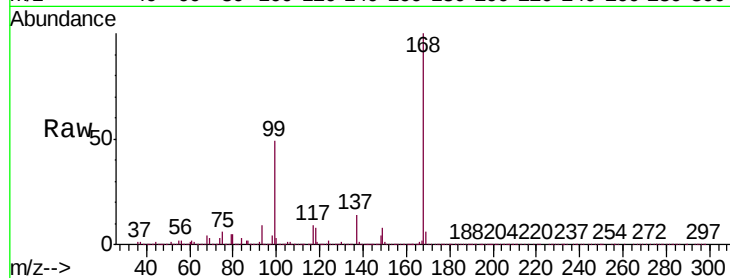
VX1211WBL01

Tgt Ion:168 Resp: 596066

Ion Ratio Lower Upper

168 100

99 49.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

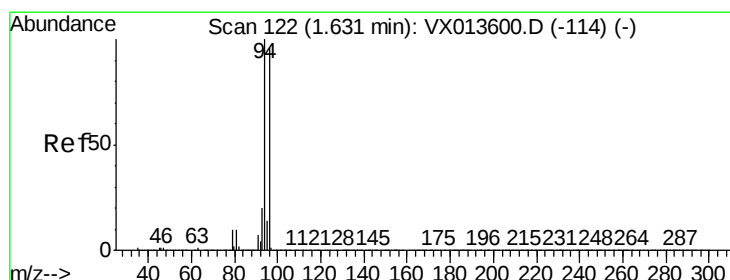
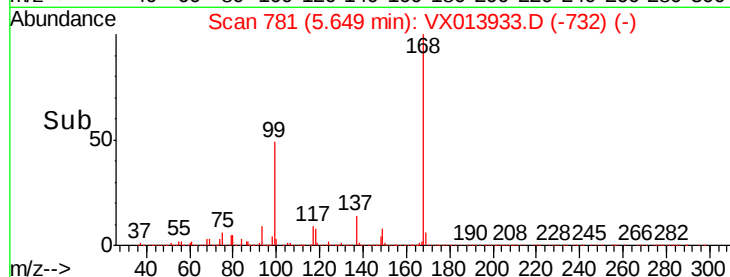
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.284 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX013933.D

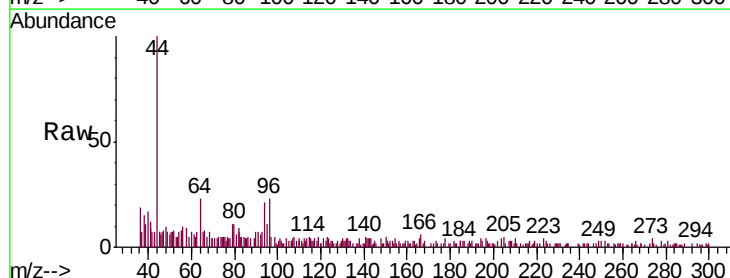
Acq: 11 Dec 2019 10:35

Tgt Ion: 94 Resp: 1598

Ion Ratio Lower Upper

94 100

96 136.4 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

1200

1000

800

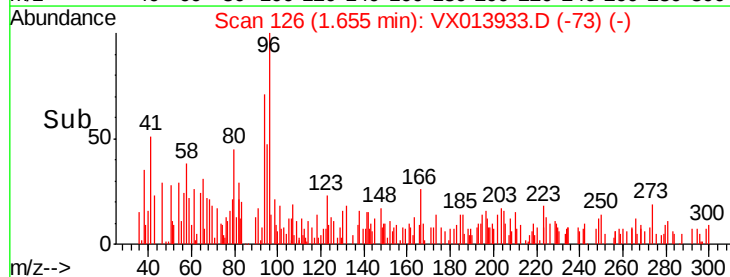
600

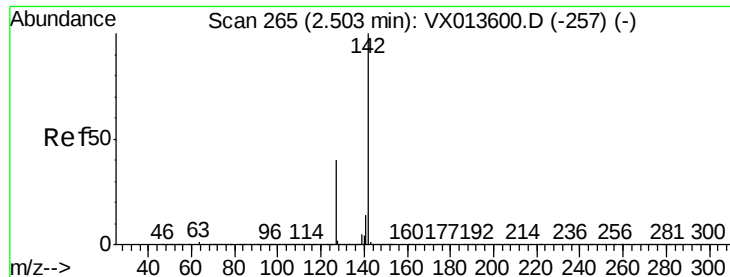
400

200

0

Time-->

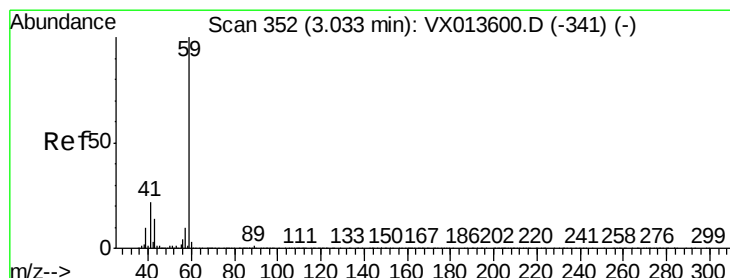
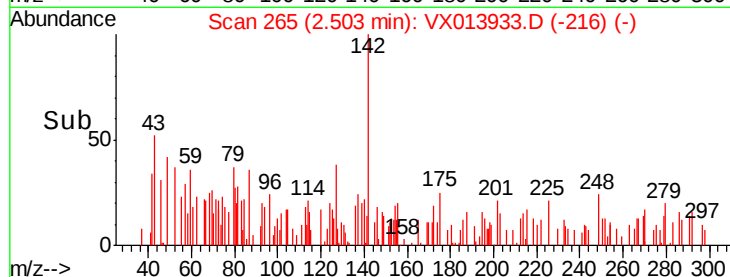
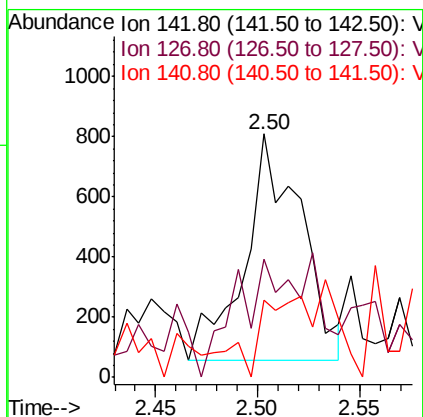
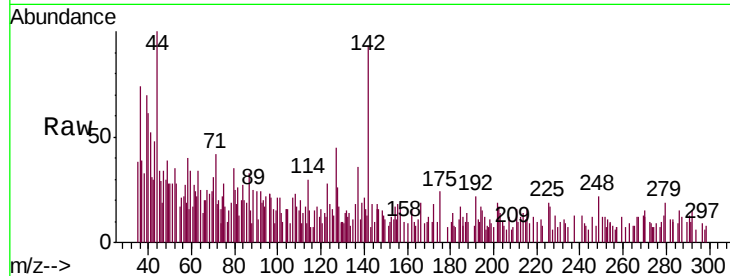




#10  
Methyl Iodide  
Concen: 0.212 ug/l  
RT: 2.50 min Scan# 265  
Delta R.T. 0.00 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

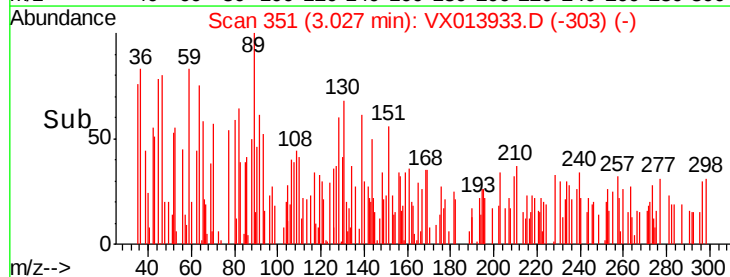
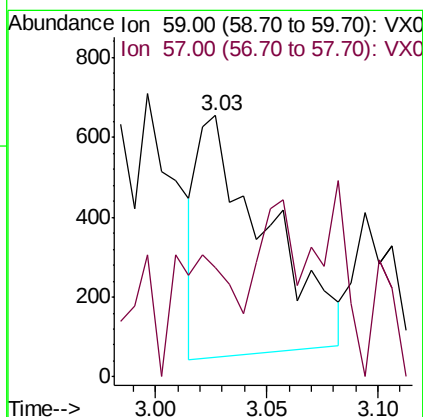
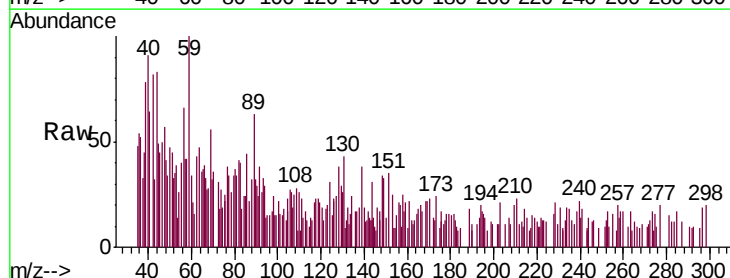
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

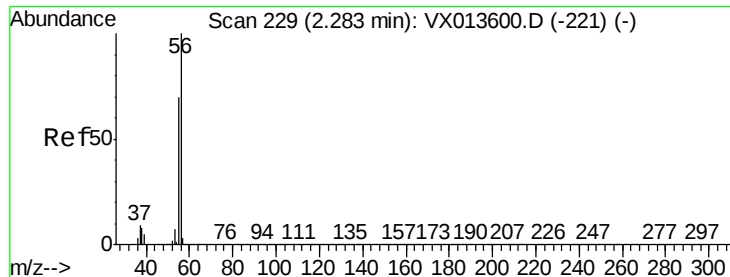
Tgt Ion: 142 Resp: 1455  
Ion Ratio Lower Upper  
142 100  
127 0.0 31.0 46.4#  
141 10.5 11.6 17.4#



#11  
Tert butyl alcohol  
Concen: 0.752 ug/l  
RT: 3.03 min Scan# 351  
Delta R.T. -0.01 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

Tgt Ion: 59 Resp: 1285  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.6#





#13

Acrolein

Concen: 6.373 ug/l

RT: 2.27 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :

MSVOA\_X

ClientSampleId :

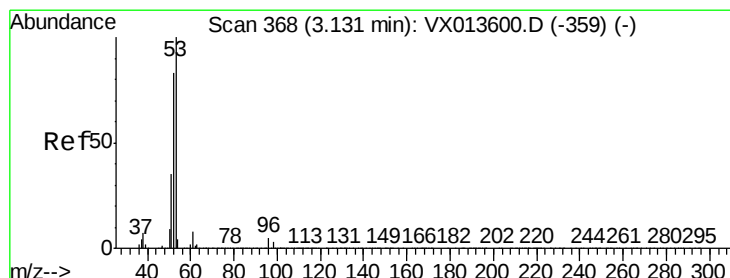
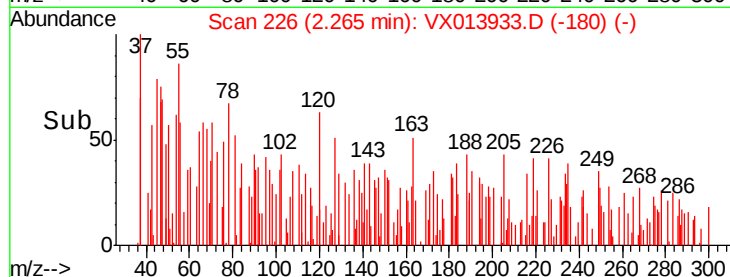
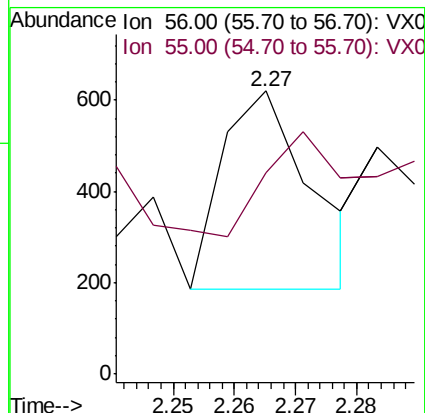
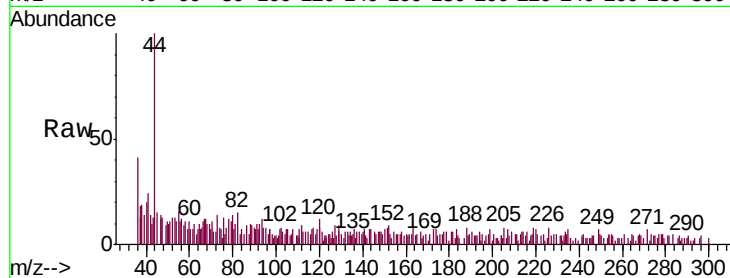
VX1211WBL01

Tgt Ion: 56 Resp: 432

Ion Ratio Lower Upper

56 100

55 98.8 56.2 84.4#



#15

Acrylonitrile

Concen: 0.238 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

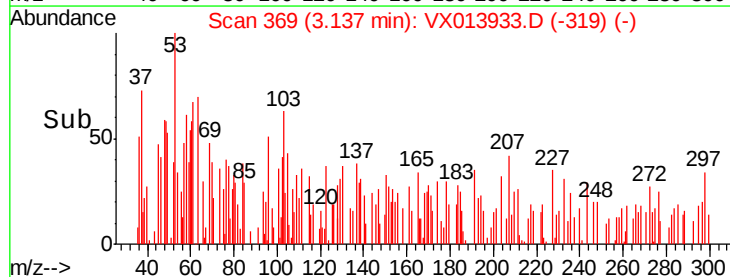
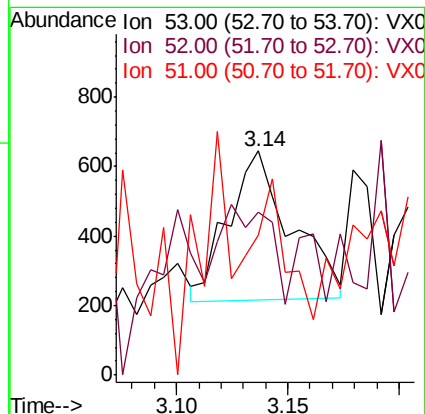
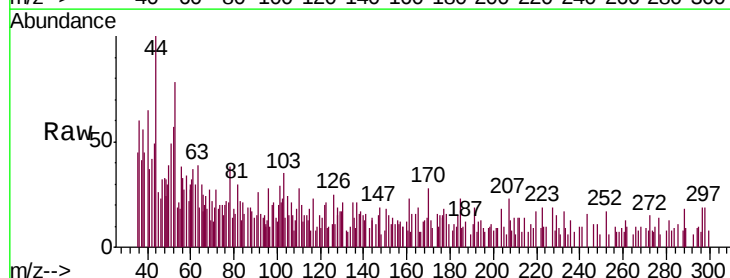
Tgt Ion: 53 Resp: 840

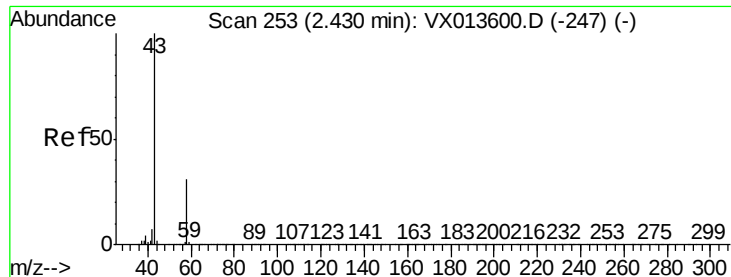
Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

51 54.0 29.0 43.6#





#16

Acetone

Concen: 2.061 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :

MSVOA\_X

ClientSampleId :

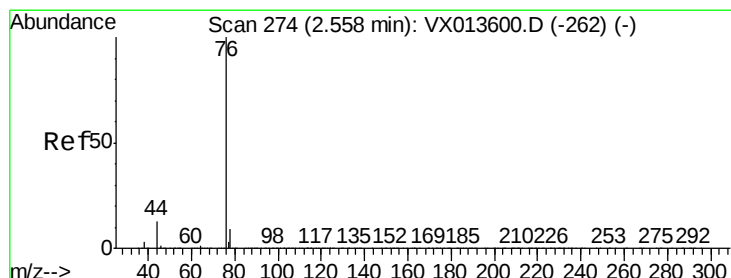
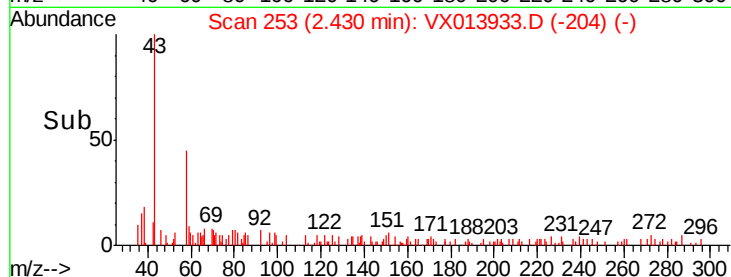
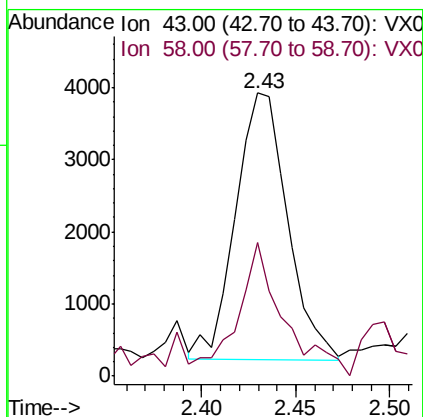
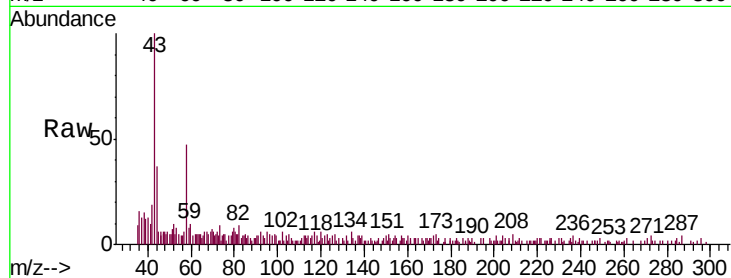
VX1211WBL01

Tgt Ion: 43 Resp: 7042

Ion Ratio Lower Upper

43 100

58 44.3 24.6 36.8#



#17

Carbon Disulfide

Concen: 0.245 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013933.D

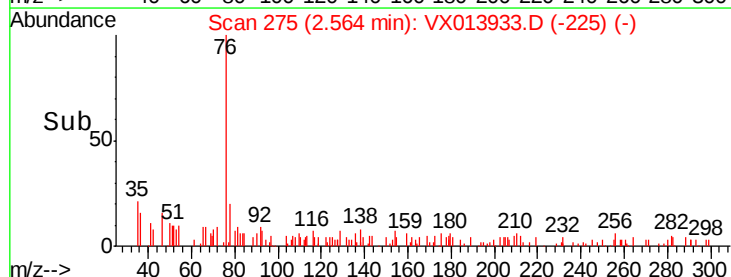
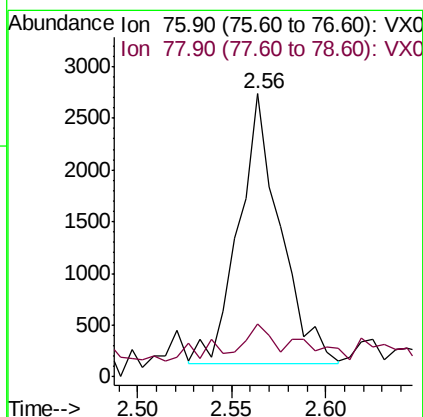
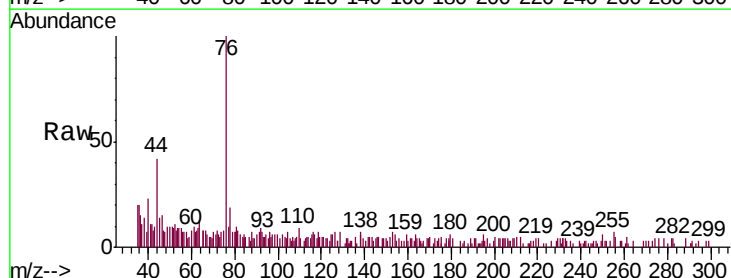
Acq: 11 Dec 2019 10:35

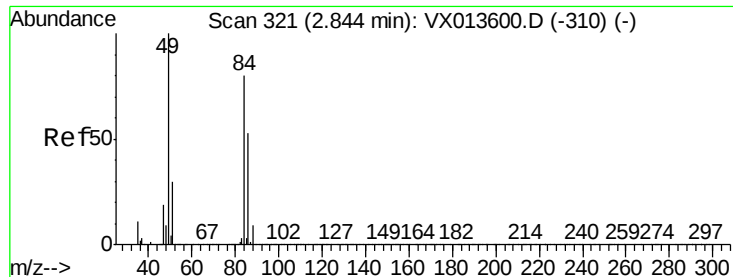
Tgt Ion: 76 Resp: 3968

Ion Ratio Lower Upper

76 100

78 7.5 7.2 10.8

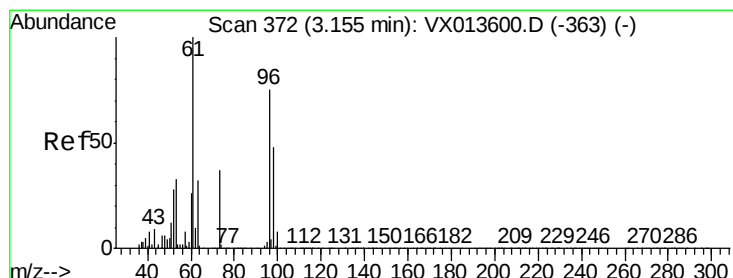
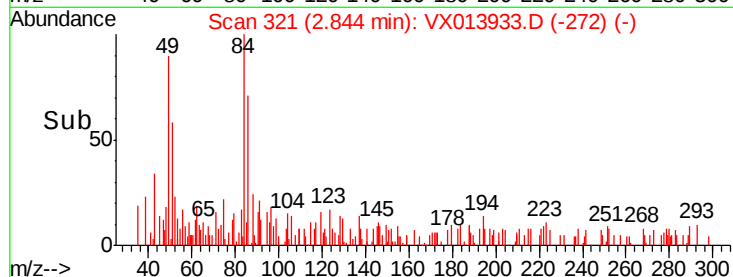
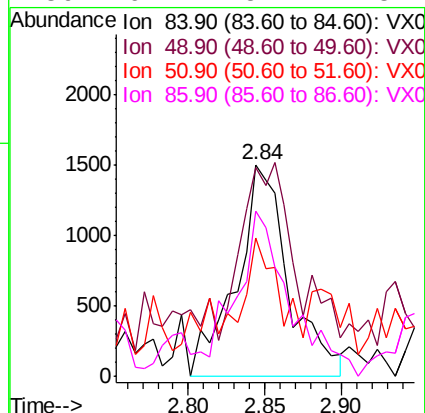
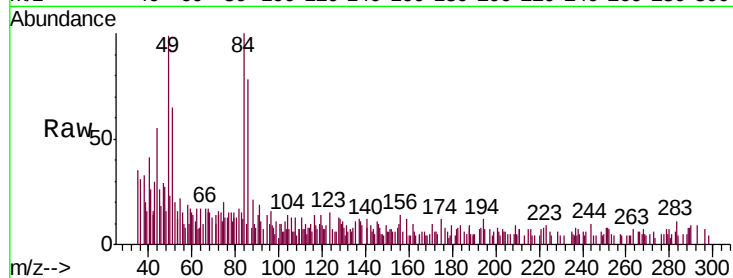




#20  
Methylene Chloride  
Concen: 0.540 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

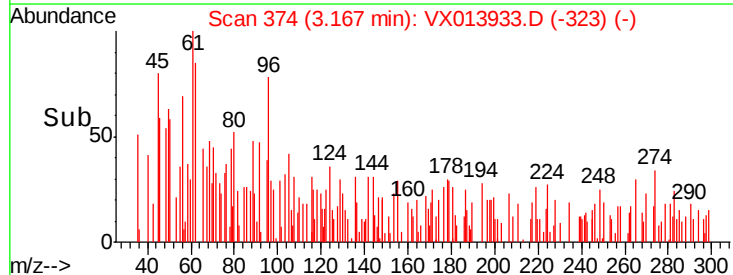
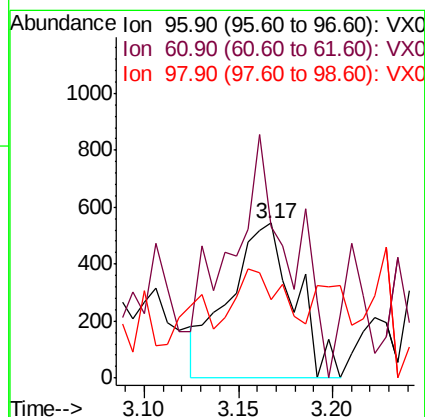
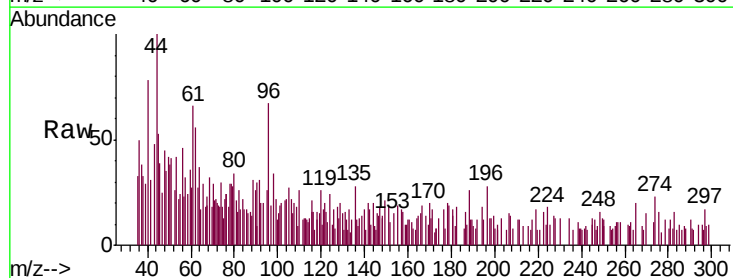
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

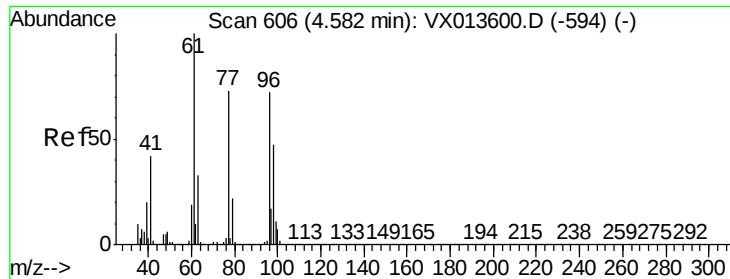
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 3546   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 80.6  | 99.7  | 149.5# |
| 51       | 42.6  | 29.9  | 44.9   |
| 86       | 67.4  | 52.2  | 78.4   |



#21  
trans-1,2-Dichloroethene  
Concen: 0.213 ug/l  
RT: 3.17 min Scan# 374  
Delta R.T. 0.01 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 1315   |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 68.1  | 107.2 | 160.8# |
| 98       | 4.6   | 51.4  | 77.0#  |



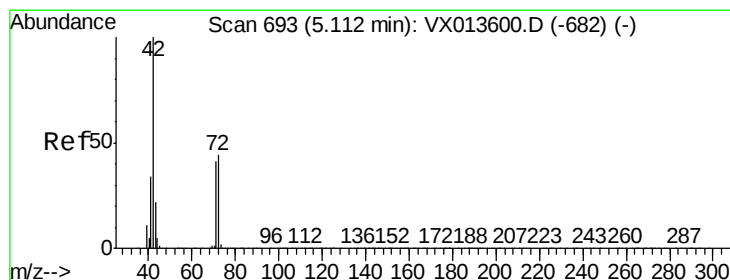
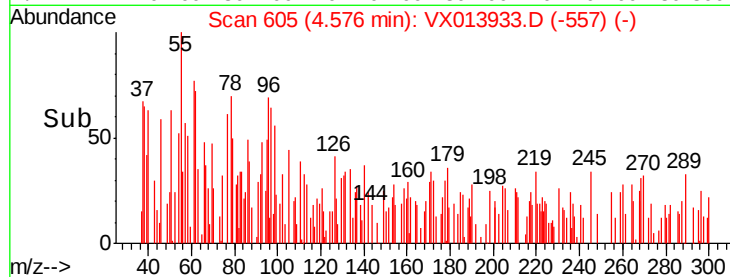
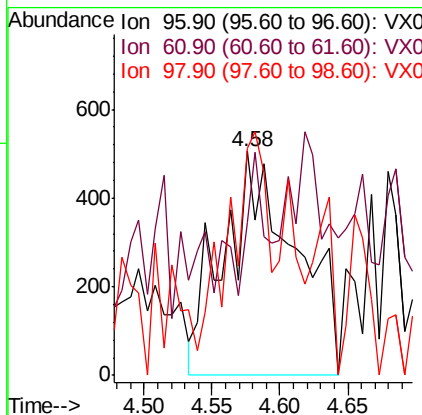
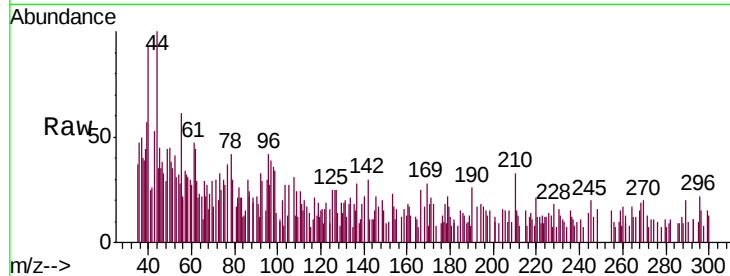


#27

cis-1,2-Dichloroethene  
 Concen: 0.262 ug/l  
 RT: 4.58 min Scan# 605  
 Delta R.T. -0.01 min  
 Lab File: VX013933.D  
 Acq: 11 Dec 2019 10:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBL01

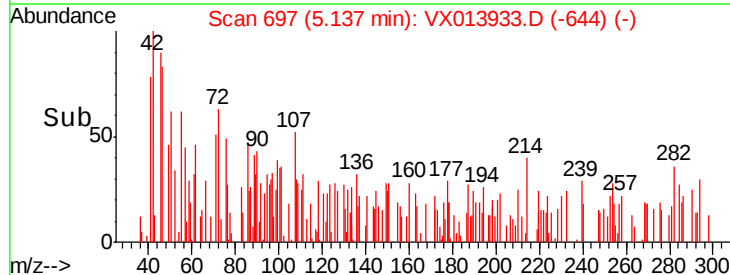
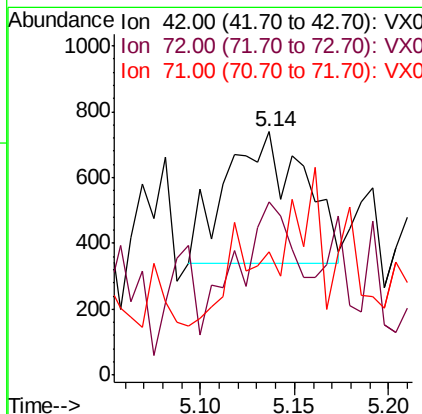
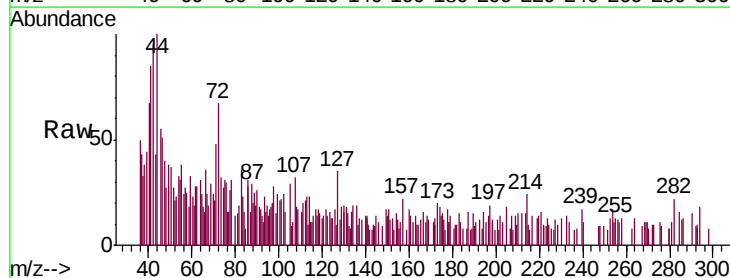
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 14.6  | 0.0   | 286.4 |
| 98      | 52.2  | 0.0   | 127.4 |

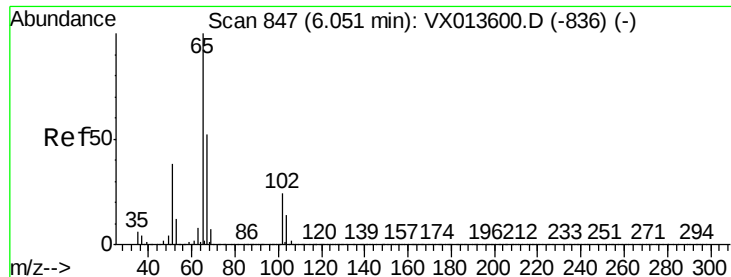


#29

Tetrahydrofuran  
 Concen: 0.367 ug/l  
 RT: 5.14 min Scan# 697  
 Delta R.T. 0.02 min  
 Lab File: VX013933.D  
 Acq: 11 Dec 2019 10:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 83.7  | 36.3  | 54.5# |
| 71      | 26.4  | 33.2  | 49.8# |





#33

1,2-Dichloroethane-d4

Concen: 48.119 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :

MSVOA\_X

ClientSampleId :

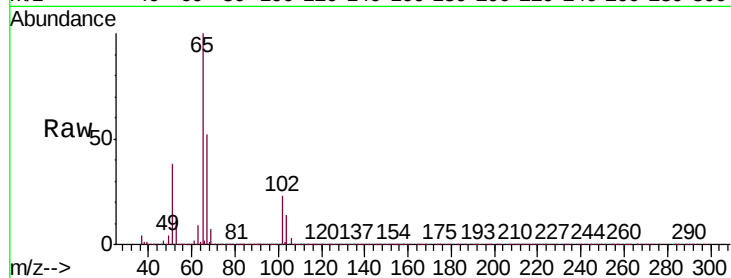
VX1211WBL01

Tgt Ion: 65 Resp: 332932

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

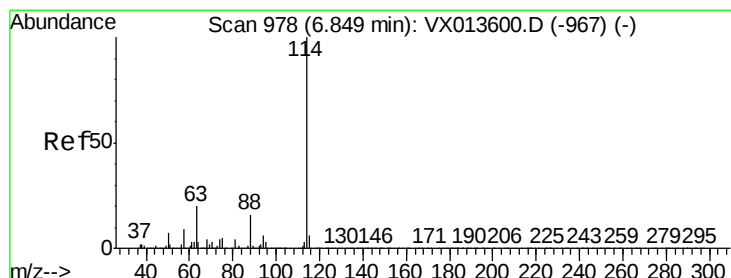
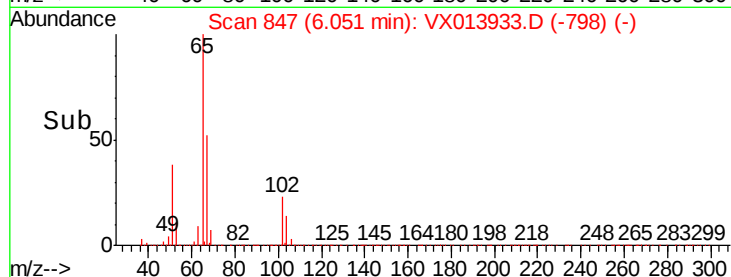
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

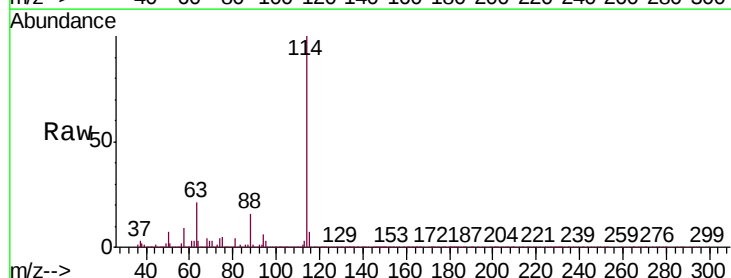
Tgt Ion: 114 Resp: 917256

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 15.5 0.0 31.4



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

500000

400000

300000

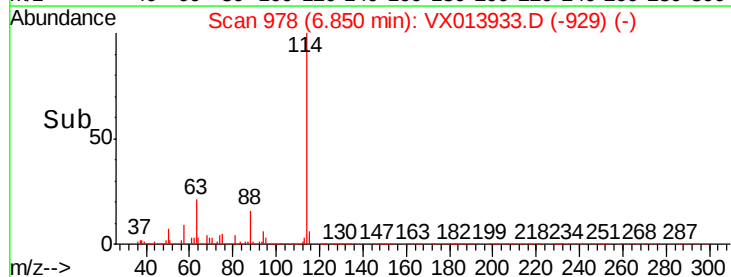
200000

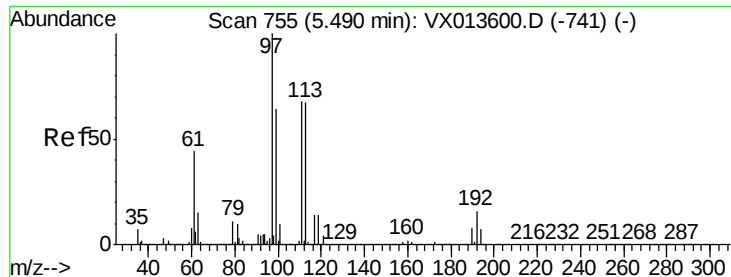
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.804 ug/l

RT: 5.48 min Scan# 754

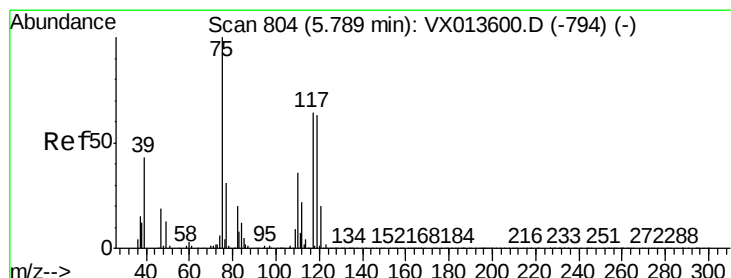
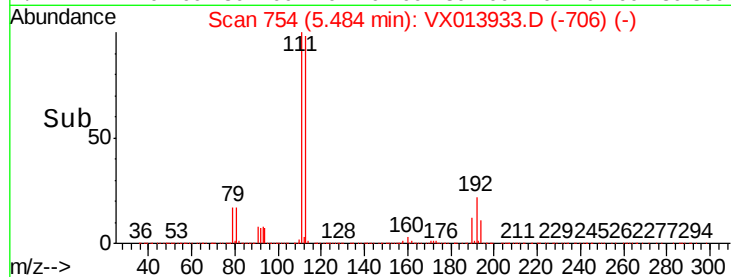
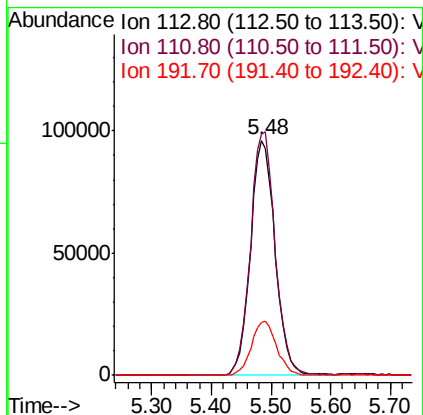
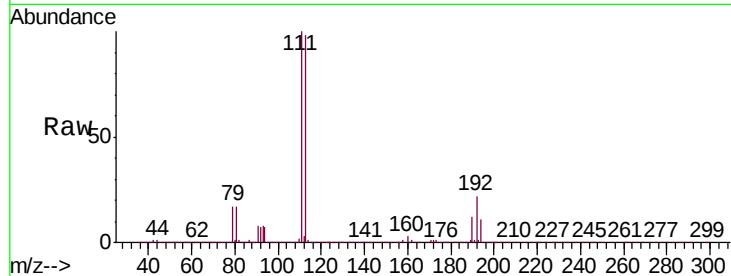
Delta R.T. -0.01 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 276747 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.1 | 83.6  | 125.4  |
| 192      | 23.4  | 19.2  | 28.8   |



#36

1,1-Dichloropropene

Concen: 4.899 ug/l

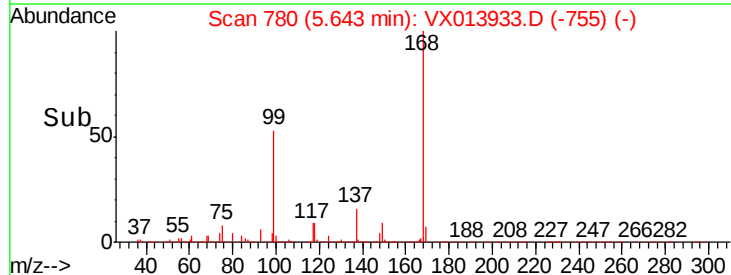
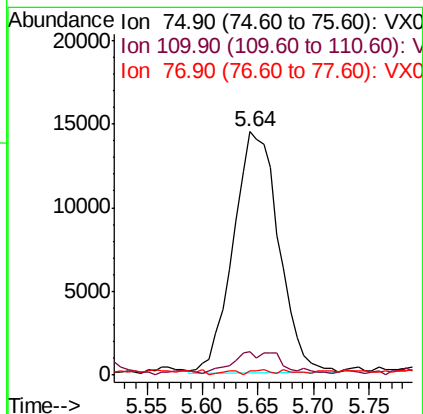
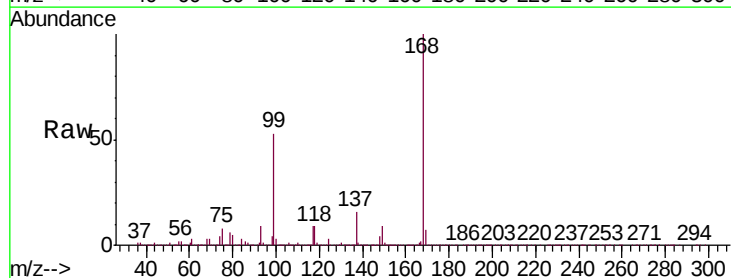
RT: 5.64 min Scan# 780

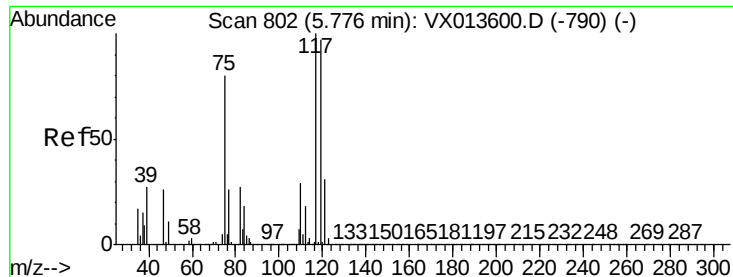
Delta R.T. -0.15 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 40795 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 4.7   | 18.1  | 54.1# |
| 77       | 1.0   | 24.5  | 36.7# |

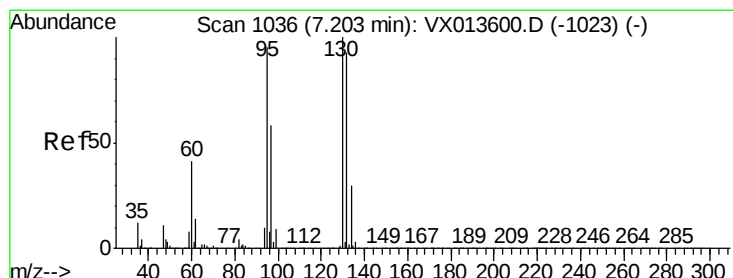
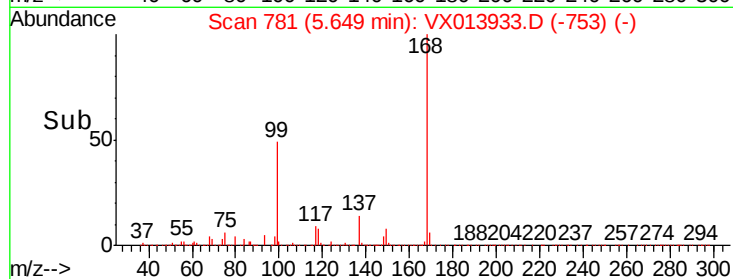
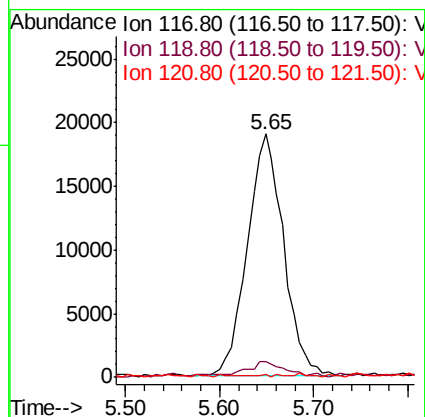
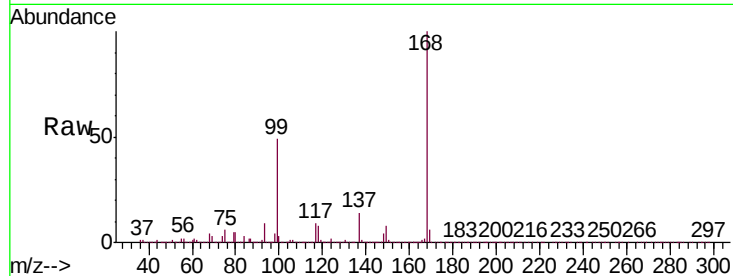




#38  
Carbon Tetrachloride  
Concen: 6.664 ug/l  
RT: 5.65 min Scan# 781  
Delta R.T. -0.13 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

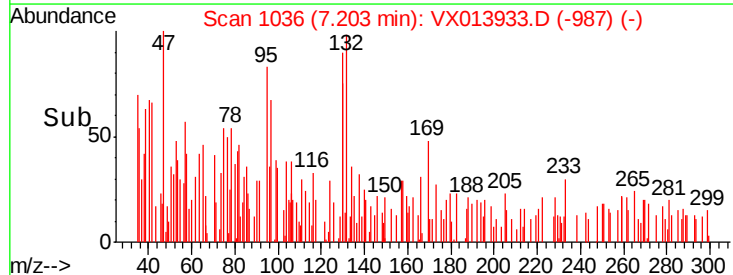
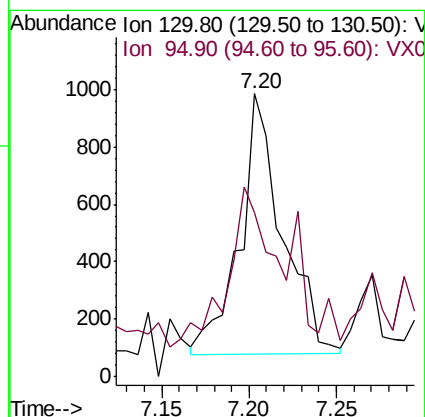
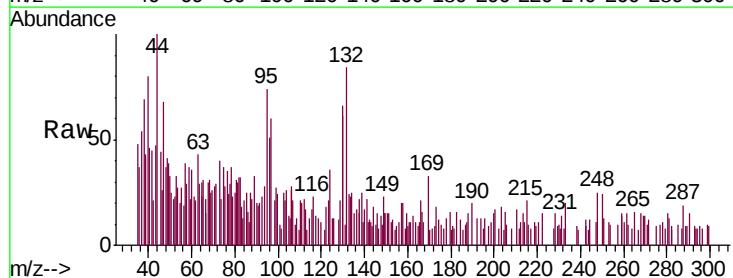
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

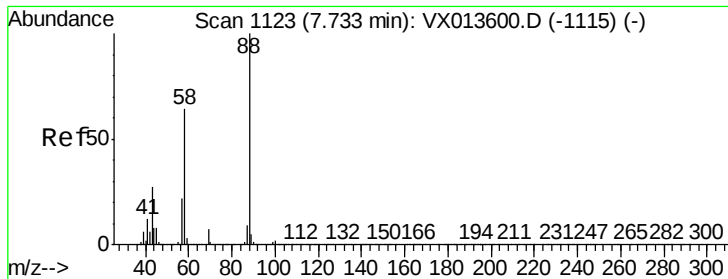
Tgt Ion:117 Resp: 51163  
Ion Ratio Lower Upper  
117 100  
119 5.8 77.5 116.3#  
121 0.8 25.0 37.6#



#44  
Trichloroethene  
Concen: 0.220 ug/l  
RT: 7.20 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

Tgt Ion:130 Resp: 1530  
Ion Ratio Lower Upper  
130 100  
95 50.5 0.0 190.8





#49

1,4-Dioxane

Concen: 1.405 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.02 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBL01

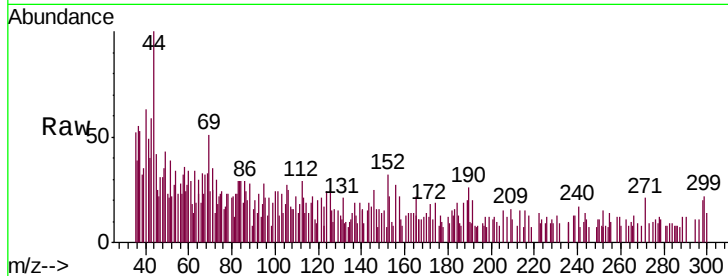
Tgt Ion: 88 Resp: 235

Ion Ratio Lower Upper

88 100

43 327.7 25.8 38.6#

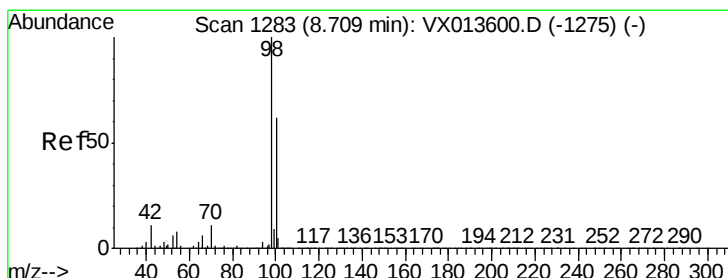
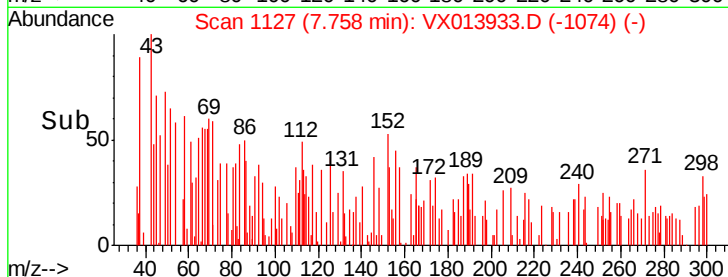
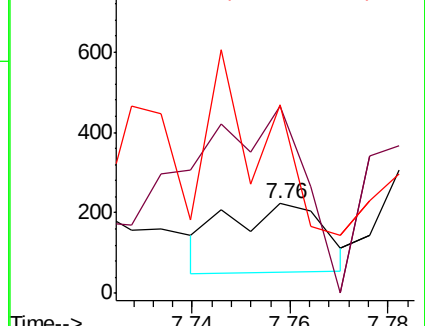
58 145.5 54.6 82.0#



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: 49.131 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013933.D

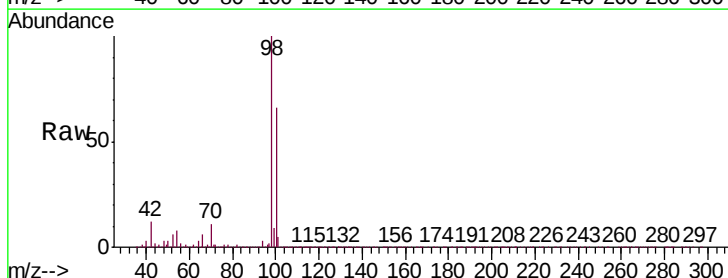
Acq: 11 Dec 2019 10:35

Tgt Ion: 98 Resp: 1085469

Ion Ratio Lower Upper

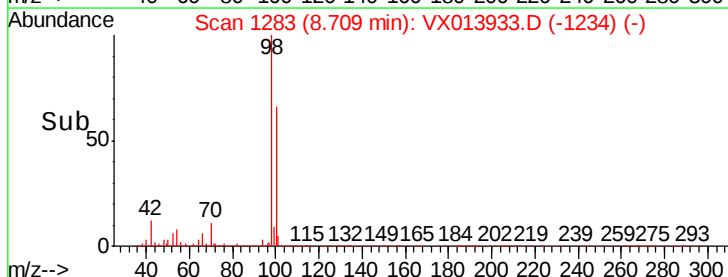
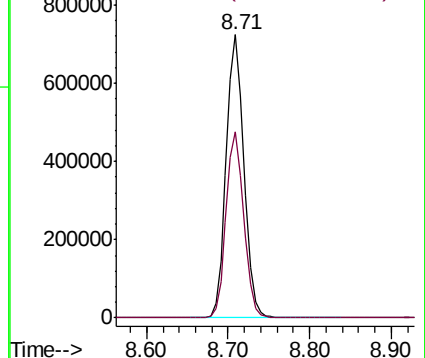
98 100

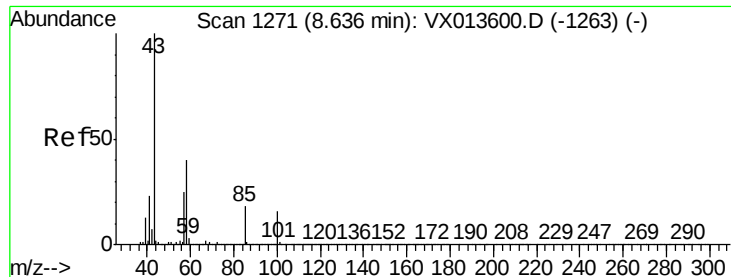
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

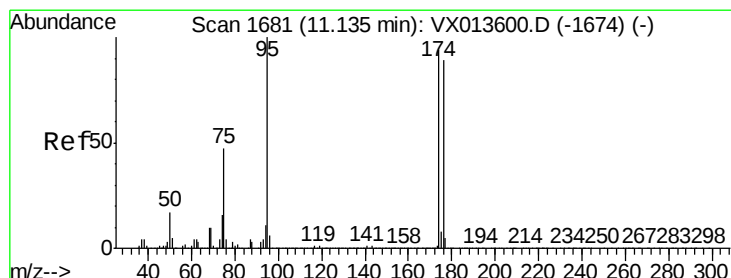
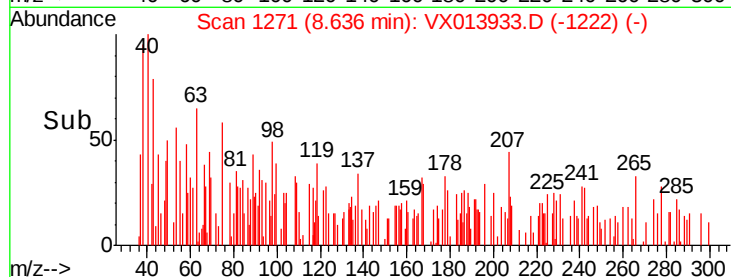
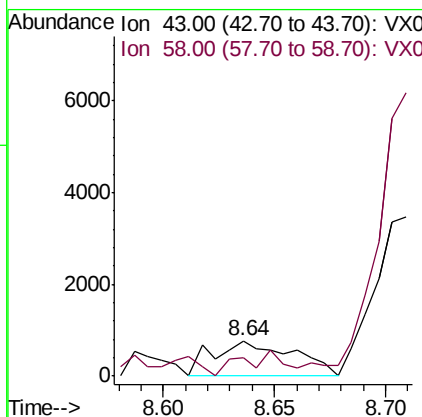
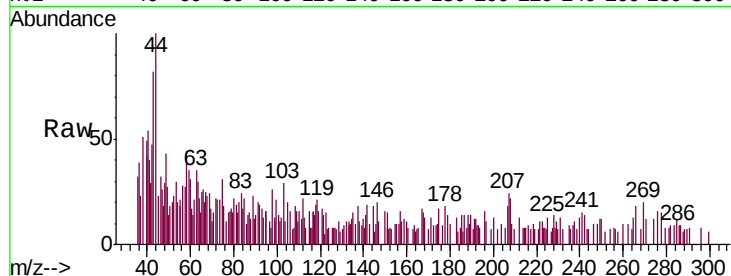




#51  
4-Methyl-2-Pentanone  
Concen: 0.200 ug/l  
RT: 8.64 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

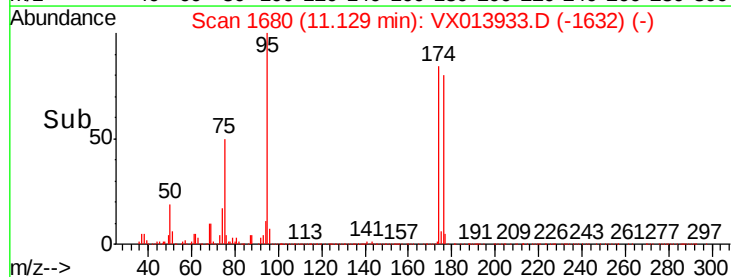
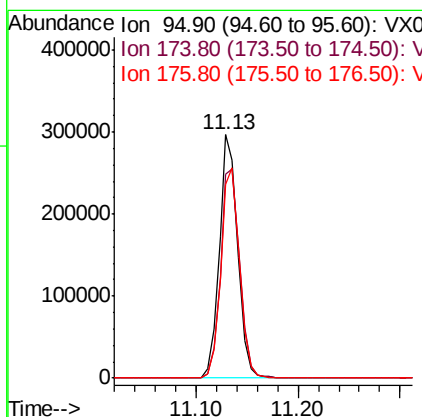
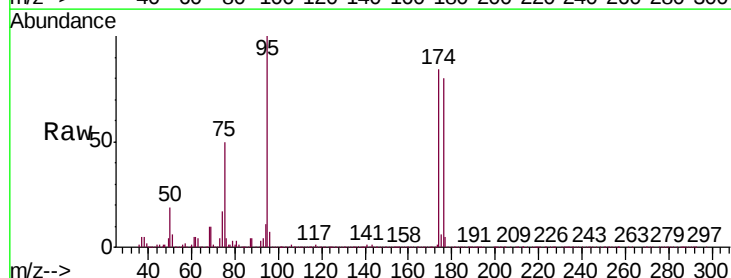
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

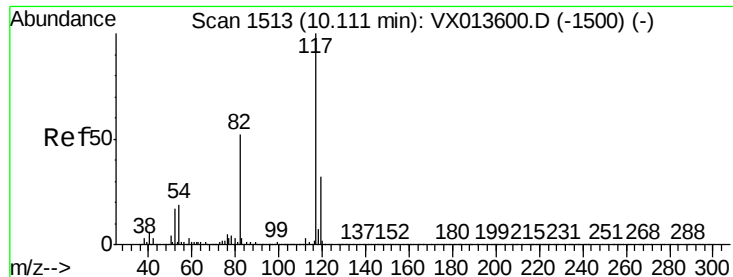
Tgt Ion: 43 Resp: 1935  
Ion Ratio Lower Upper  
43 100  
58 18.1 32.1 48.1#



#62  
4-Bromofluorobenzene  
Concen: 47.037 ug/l  
RT: 11.13 min Scan# 1680  
Delta R.T. -0.01 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

Tgt Ion: 95 Resp: 374739  
Ion Ratio Lower Upper  
95 100  
174 89.2 0.0 180.0  
176 87.4 0.0 173.6

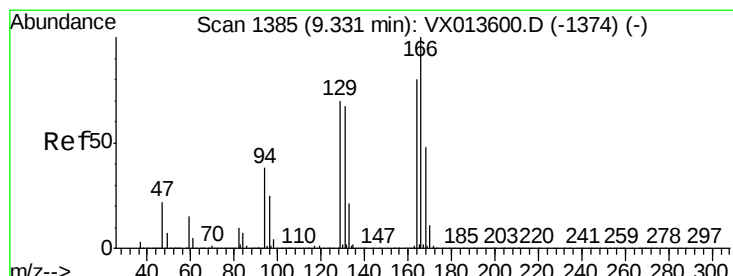
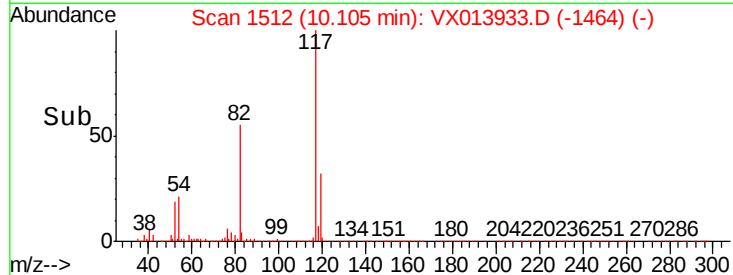
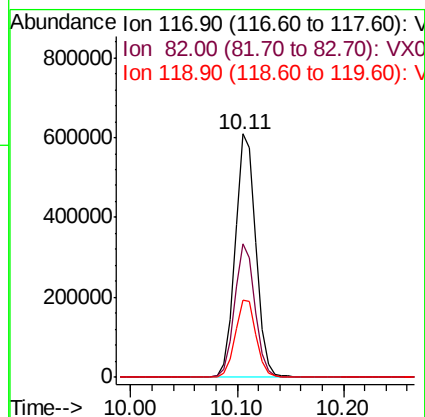
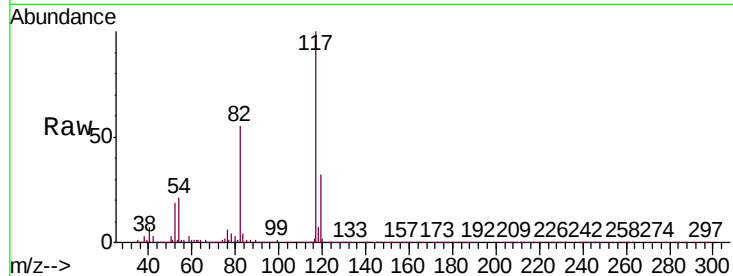




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

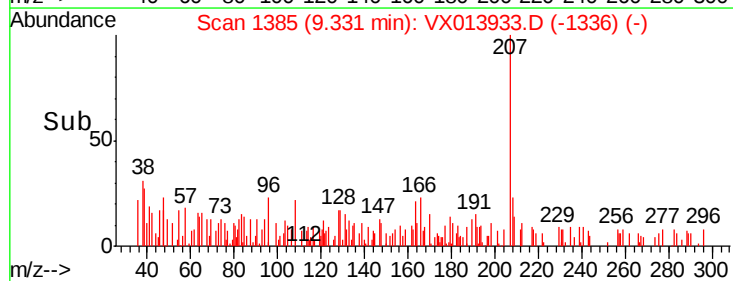
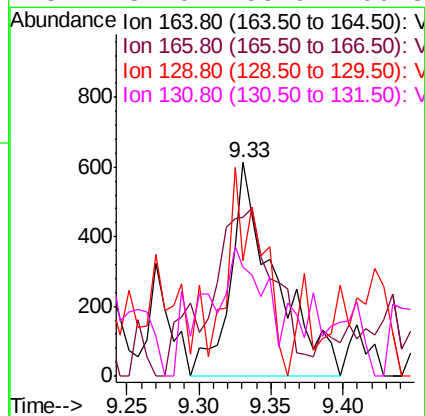
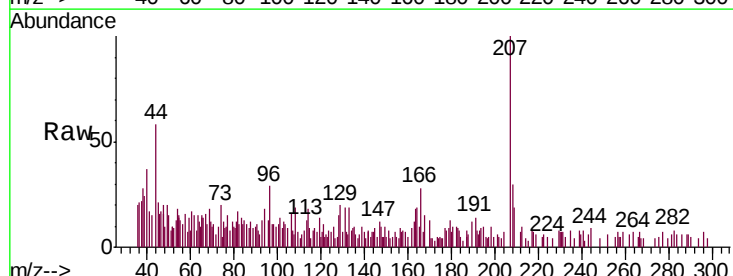
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

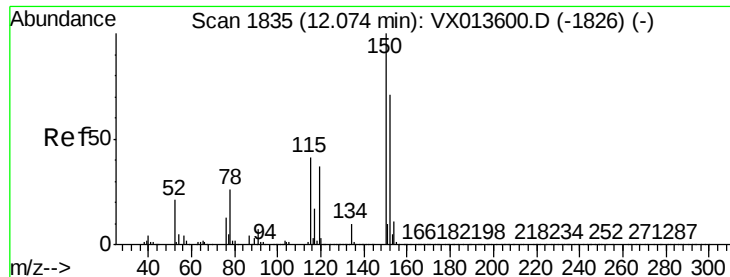
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.9  | 41.8  | 62.8  |
| 119     | 31.7  | 25.8  | 38.8  |



#64  
Tetrachloroethene  
Concen: 0.217 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 164     | 100   |       |        |
| 166     | 58.7  | 99.7  | 149.5# |
| 129     | 43.7  | 70.1  | 105.1# |
| 131     | 32.0  | 66.9  | 100.3# |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBL01

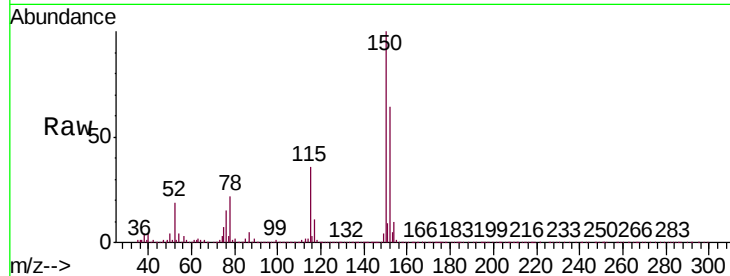
Tgt Ion: 152 Resp: 397995

Ion Ratio Lower Upper

152 100

115 56.0 38.4 115.1

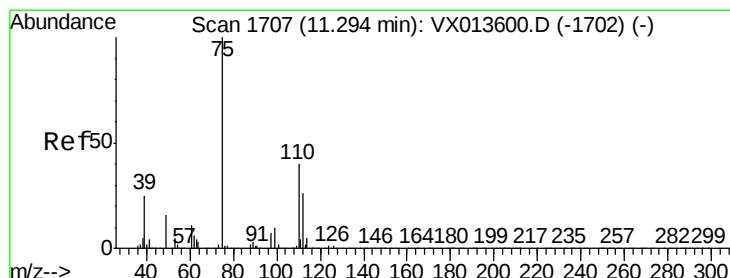
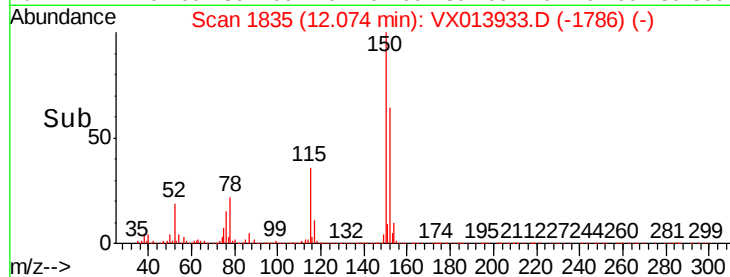
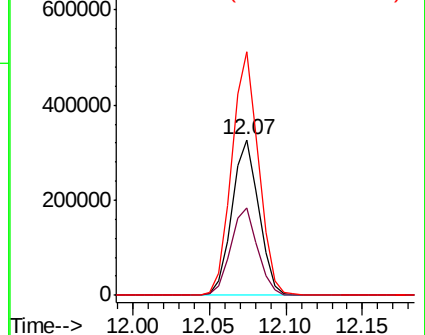
150 155.8 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 20.861 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013933.D

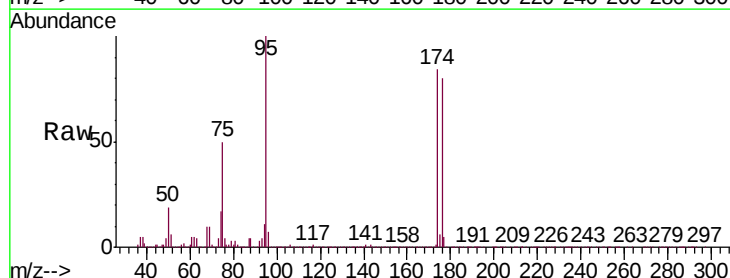
Acq: 11 Dec 2019 10:35

Tgt Ion: 75 Resp: 186739

Ion Ratio Lower Upper

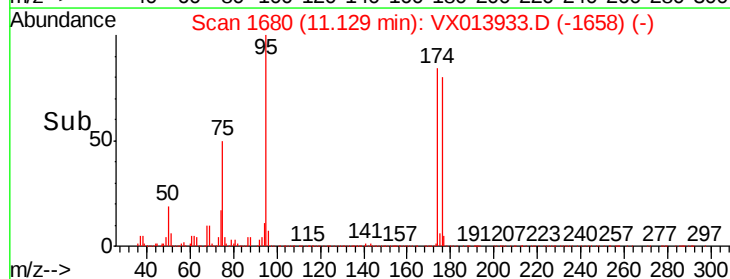
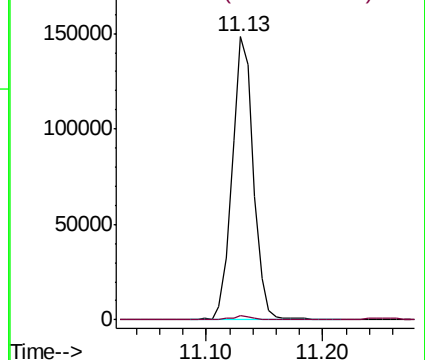
75 100

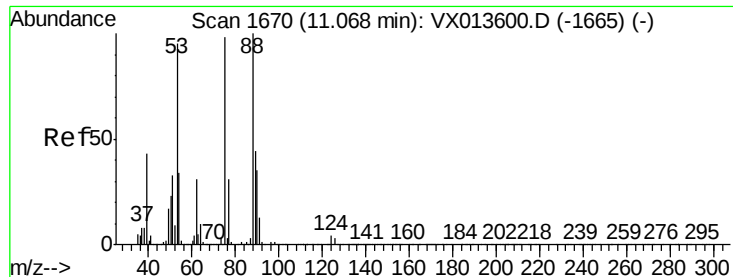
77 1.7 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

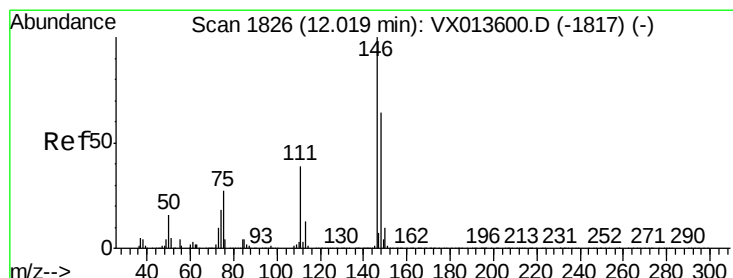
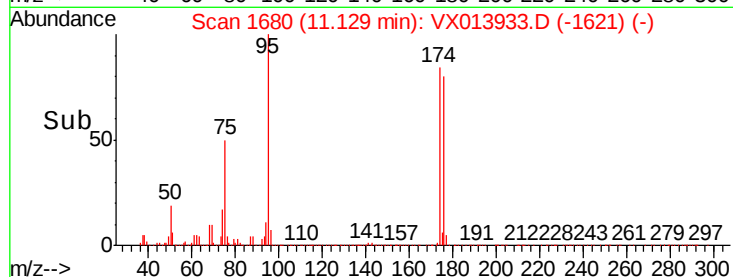
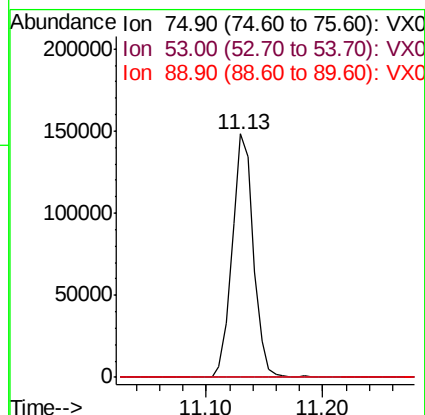
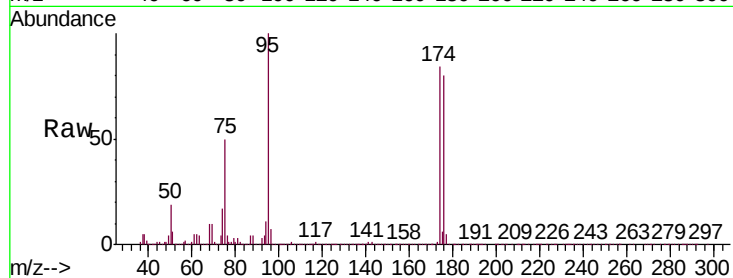




#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.072 ug/l  
RT: 11.13 min Scan# 1680  
Delta R.T. 0.06 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

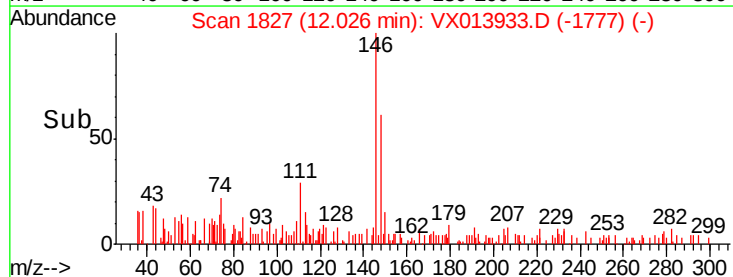
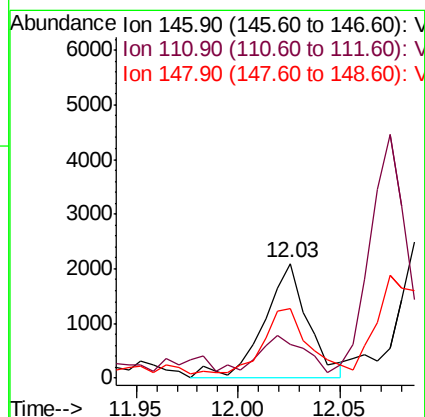
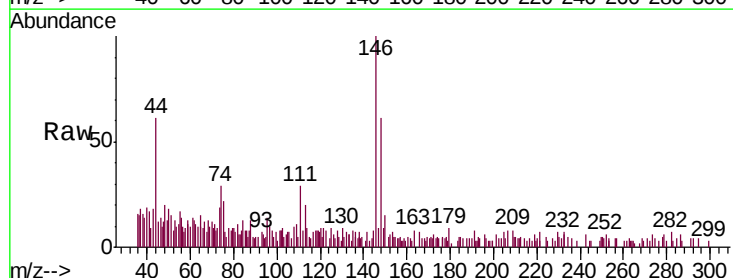
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

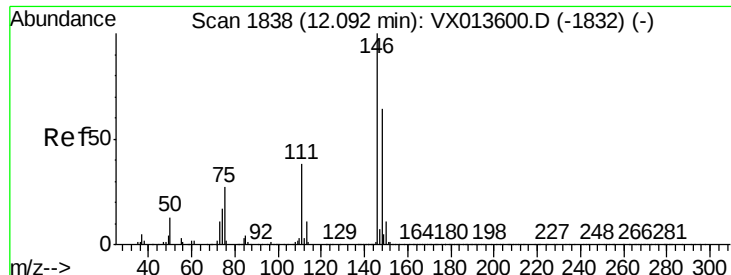
Tgt Ion: 75 Resp: 186739  
Ion Ratio Lower Upper  
75 100  
53 0.4 78.2 117.2#  
89 0.1 35.4 53.2#



#87  
1,3-Dichlorobenzene  
Concen: 0.241 ug/l  
RT: 12.03 min Scan# 1827  
Delta R.T. 0.01 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

Tgt Ion: 146 Resp: 3165  
Ion Ratio Lower Upper  
146 100  
111 30.1 19.0 57.0  
148 62.3 31.8 95.4

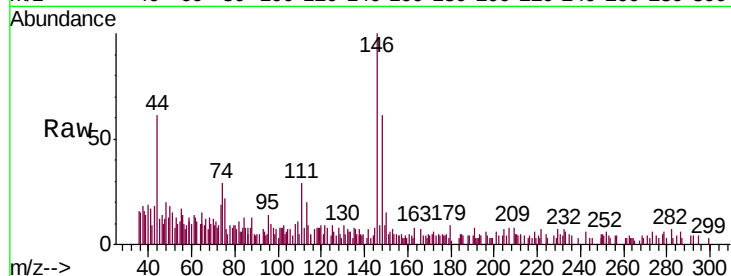




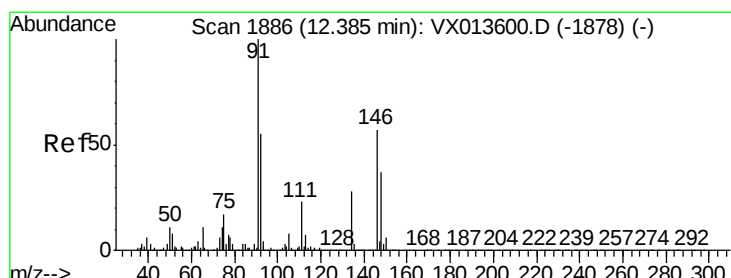
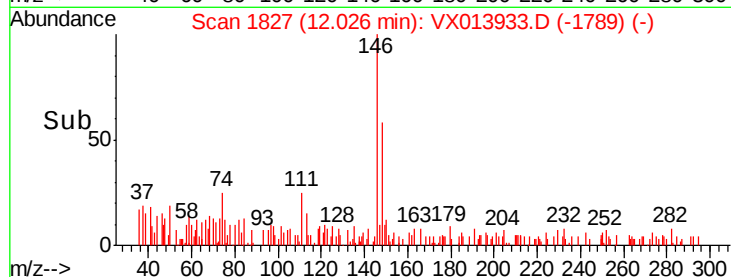
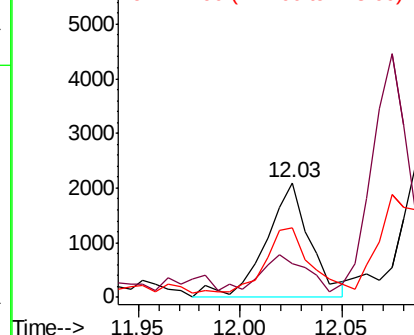
#88  
 1,4-Dichlorobenzene  
 Concen: 0.236 ug/l  
 RT: 12.03 min Scan# 1827  
 Delta R.T. -0.07 min  
 Lab File: VX013933.D  
 Acq: 11 Dec 2019 10:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBL01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 30.1  | 18.9  | 56.9  |
| 148     | 62.1  | 31.9  | 95.5  |

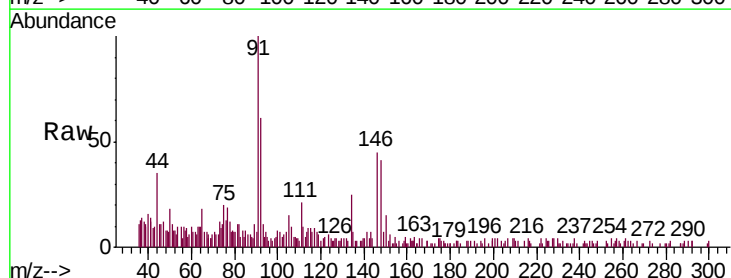


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

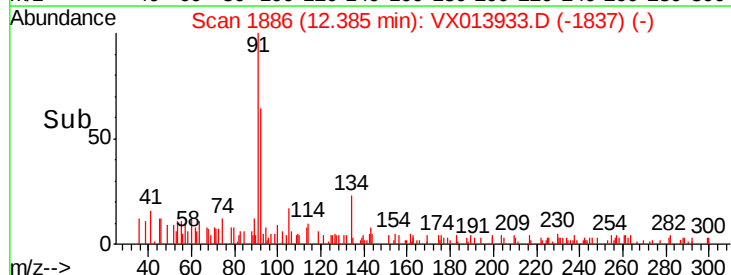
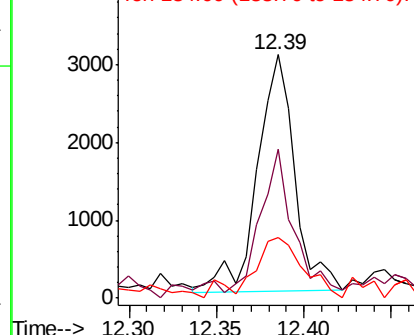


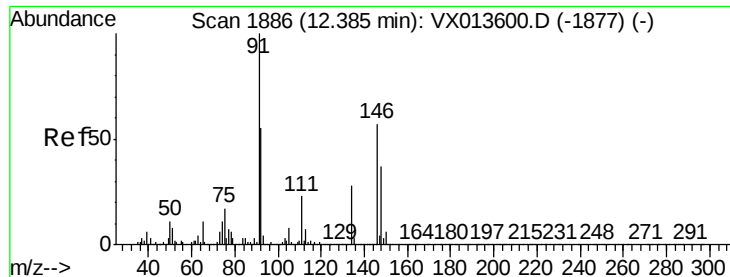
#89  
 n-Butylbenzene  
 Concen: 0.214 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX013933.D  
 Acq: 11 Dec 2019 10:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.4  | 27.4  | 82.2  |
| 134     | 35.5  | 13.5  | 40.4  |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
 Ion 92.00 (91.70 to 92.70): VX0  
 Ion 134.00 (133.70 to 134.70): V

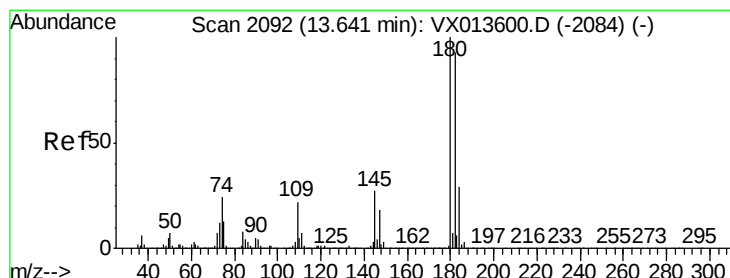
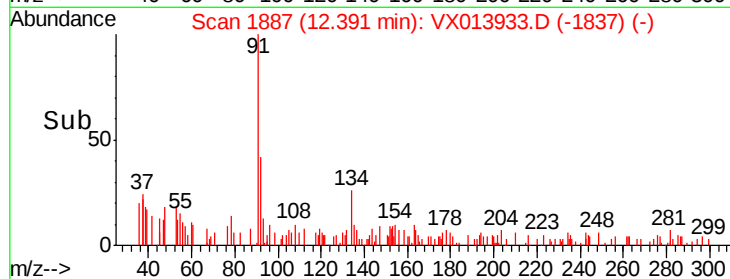
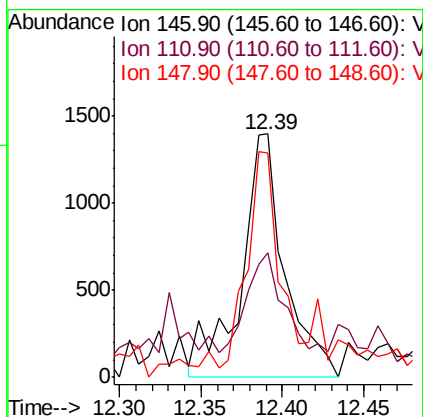
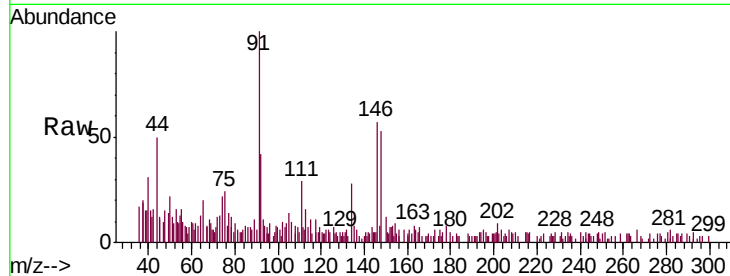




#91  
1,2-Dichlorobenzene  
Concen: 0.202 ug/l  
RT: 12.39 min Scan# 1887  
Delta R.T. 0.01 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

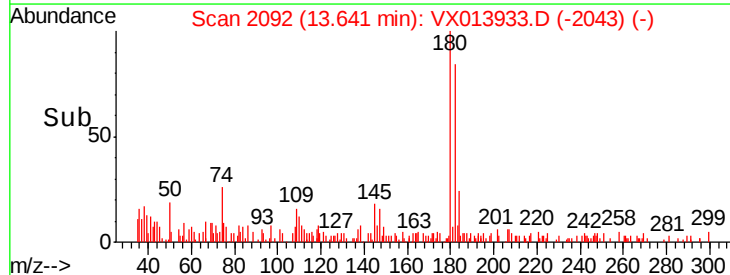
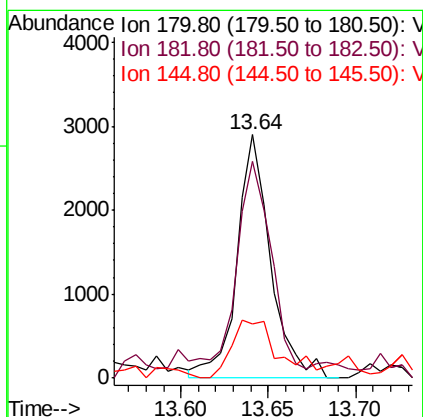
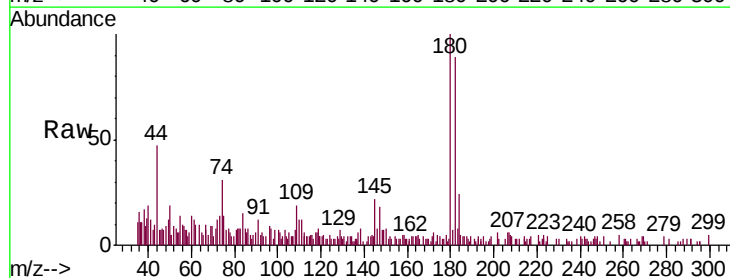
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1211WBL01

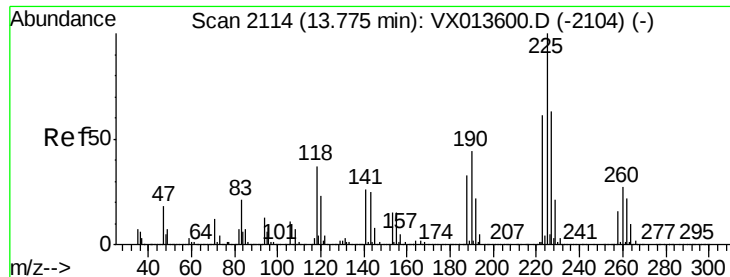
Tgt Ion:146 Resp: 2618  
Ion Ratio Lower Upper  
146 100  
111 32.9 19.6 58.7  
148 66.6 31.9 95.7



#93  
1,2,4-Trichlorobenzene  
Concen: 0.428 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. 0.00 min  
Lab File: VX013933.D  
Acq: 11 Dec 2019 10:35

Tgt Ion:180 Resp: 3875  
Ion Ratio Lower Upper  
180 100  
182 90.0 47.2 141.6  
145 33.2 13.8 41.4





#94

Hexachlorobutadiene

Concen: 0.324 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :

MSVOA\_X

ClientSampleId :

VX1211WBL01

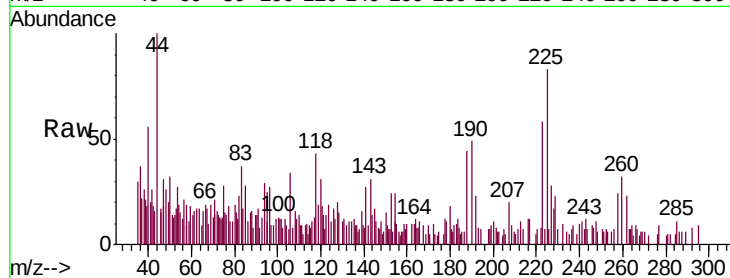
Tgt Ion:225 Resp: 1409

Ion Ratio Lower Upper

225 100

223 74.9 31.9 95.5

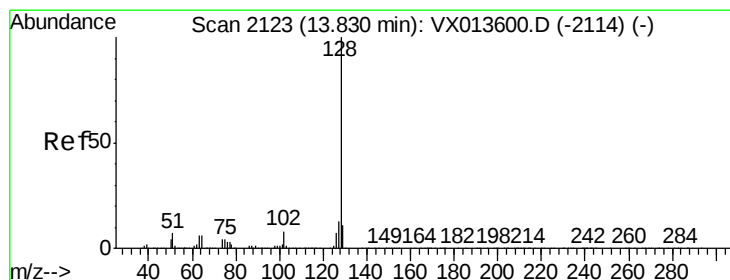
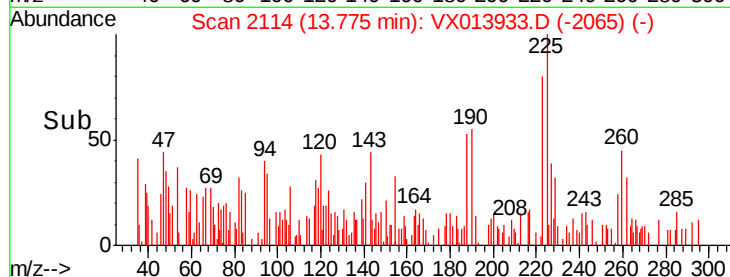
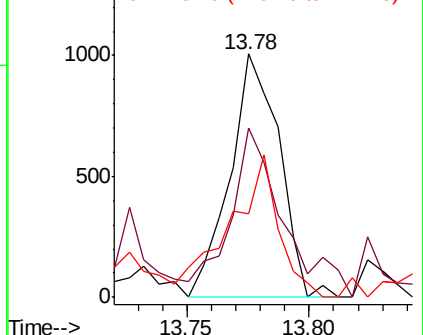
227 58.6 32.1 96.3



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: 0.264 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

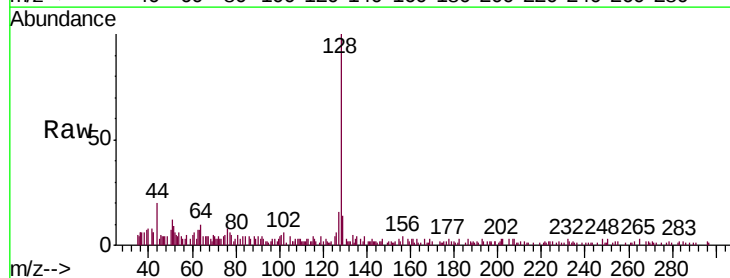
Tgt Ion:128 Resp: 7120

Ion Ratio Lower Upper

128 100

127 20.3 10.3 15.5#

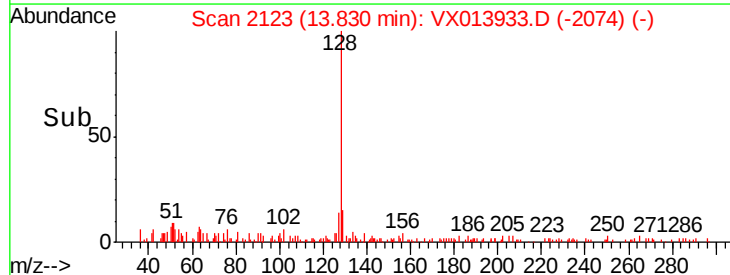
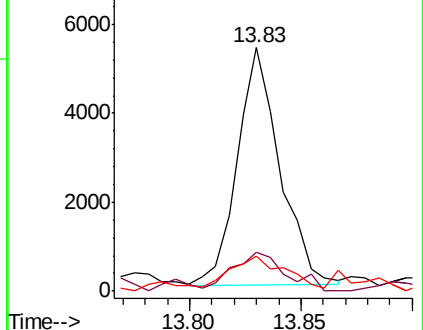
129 15.8 8.7 13.1#

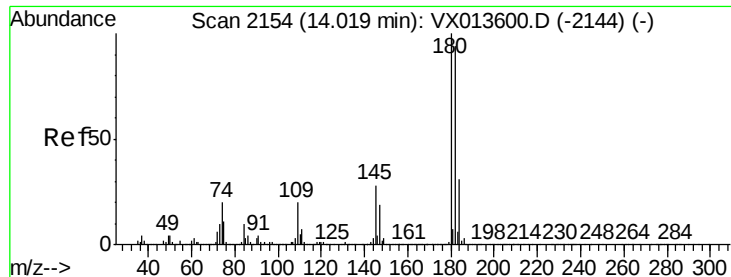


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

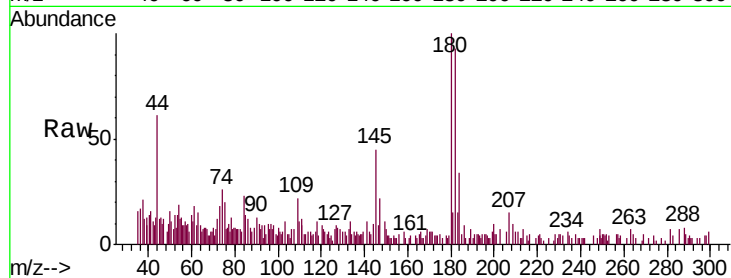




#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.370 ug/l  
 RT: 14.01 min Scan# 2153  
 Delta R.T. -0.01 min  
 Lab File: VX013933.D  
 Acq: 11 Dec 2019 10:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1211WBL01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 102.6 | 47.6  | 142.8 |
| 145     | 34.1  | 15.0  | 45.0  |



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

