

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\  
 Data File : VX007980.D  
 Acq On : 11 Mar 2019 19:50  
 Operator : JC/SP  
 Sample : K1841-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D1-20190308

Quant Time: Mar 12 08:41:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 07 07:33:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 255279   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 396303   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 379030   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 184121   | 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   | 140112   | 52.03 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.06% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 129786   | 51.20 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.40% |          |
| 50) Toluene-d8              | 8.71  | 98   | 484242   | 52.01 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.02% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 177592   | 54.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.82% |          |

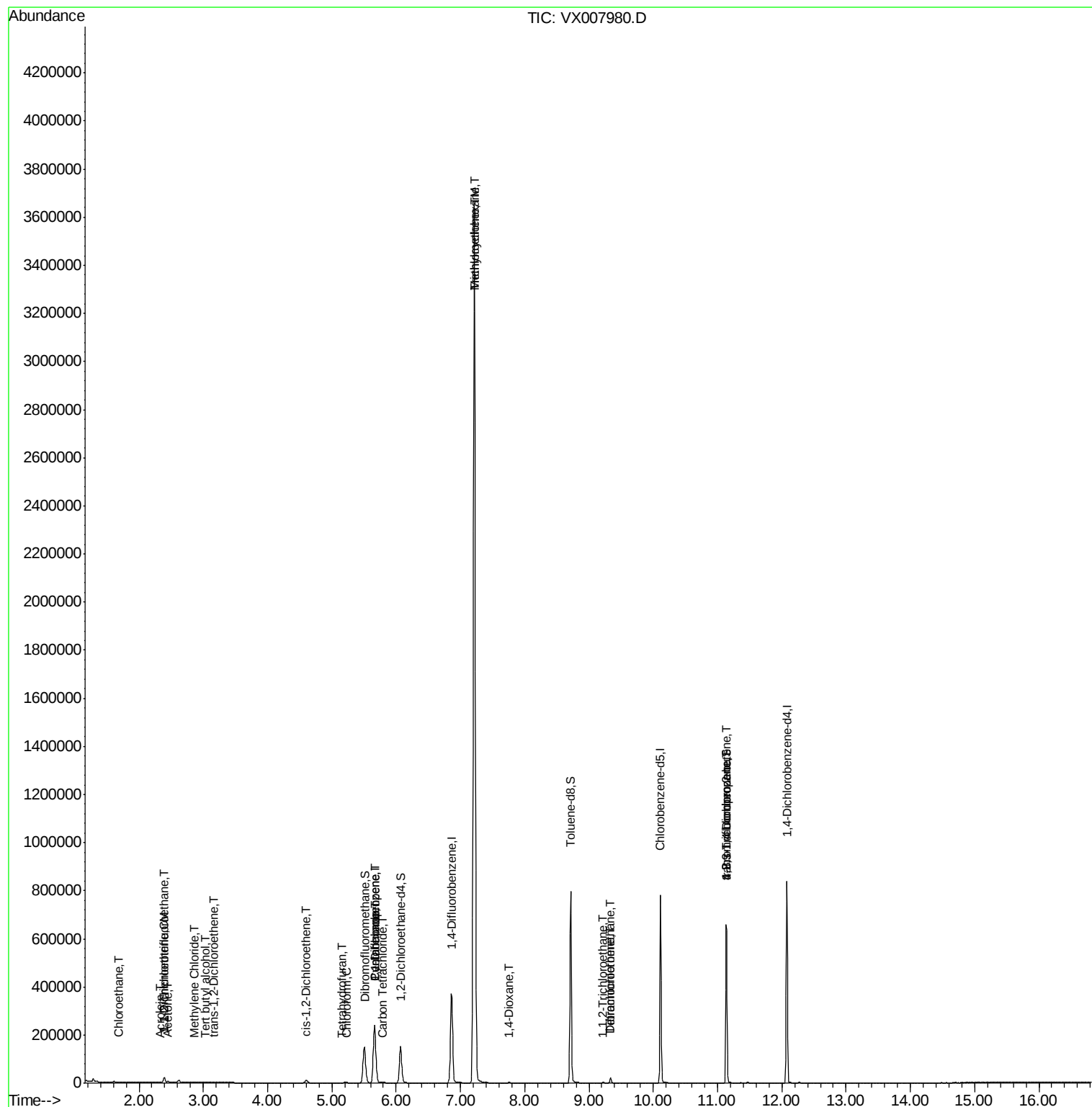
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.64  | 94   | 266      | Below Cal | #      | 2      |
| 6) Chloroethane                | 1.69  | 64   | 2636     | 1.421     | ug/l # | 60     |
| 9) 1,1,2-Trichlorotrifluoroet  | 2.39  | 101  | 7986     | 3.544     | ug/l   | 99     |
| 11) Tert butyl alcohol         | 3.03  | 59   | 548      | 0.910     | ug/l # | 73     |
| 12) 1,1-Dichloroethene         | 2.38  | 96   | 769      | 0.354     | ug/l # | 91     |
| 13) Acrolein                   | 2.33  | 56   | 19       | 1.597     | ug/l # | 1      |
| 16) Acetone                    | 2.45  | 43   | 4410     | 2.829     | ug/l   | 94     |
| 17) Carbon Disulfide           | 2.57  | 76   | 637      | Below Cal | #      | 67     |
| 20) Methylene Chloride         | 2.87  | 84   | 632      | 0.255     | ug/l   | 86     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96   | 1055     | 0.441     | ug/l # | 76     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 6222     | 2.275     | ug/l   | 89     |
| 29) Tetrahydrofuran            | 5.16  | 42   | 279      | 0.203     | ug/l # | 84     |
| 30) Chloroform                 | 5.22  | 83   | 2277     | 0.535     | ug/l   | 89     |
| 31) Cyclohexane                | 5.66  | 56   | 3984     | 0.963     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 16130    | 4.495     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 5.79  | 117  | 1947     | 0.572     | ug/l   | 94     |
| 39) Methylcyclohexane          | 7.21  | 83   | 16081    | 3.698     | ug/l # | 1      |
| 44) Trichloroethene            | 7.21  | 130  | 1519199  | 516.026   | ug/l   | 98     |
| 49) 1,4-Dioxane                | 7.76  | 88   | 807      | 11.856    | ug/l # | 89     |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 775      | 0.294     | ug/l # | 82     |
| 60) Dibromochloromethane       | 9.34  | 129  | 3927     | 1.423     | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.34  | 164  | 4503     | 1.434     | ug/l   | 96     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 80872    | 20.932    | ug/l # | 39     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 80872    | 66.908    | ug/l # | 11     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031119\  
Data File : VX007980.D  
Acq On : 11 Mar 2019 19:50  
Operator : JC/SP  
Sample : K1841-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D1-20190308

Quant Time: Mar 12 08:41:12 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 07 07:33:26 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA\_X

ClientSampleId :

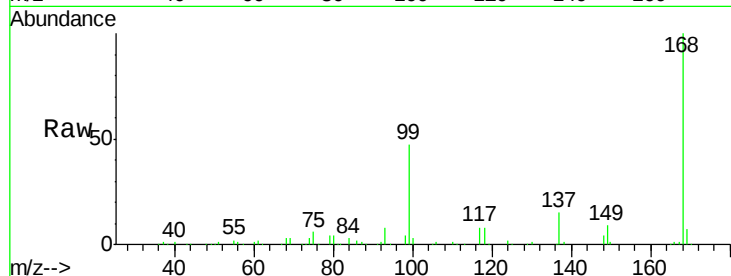
RE122D1-20190308

Tot Ion:168 Resp: 255279

Ion Ratio Lower Upper

168 100

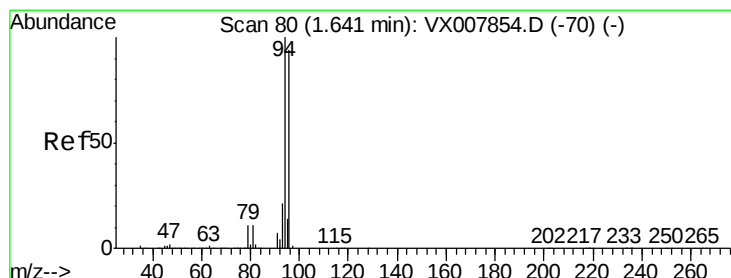
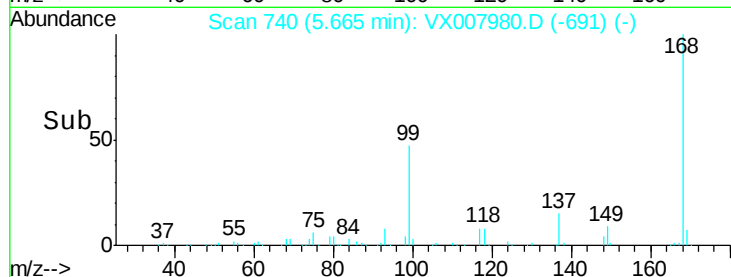
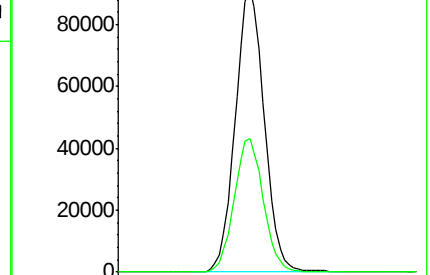
99 47.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007980.D

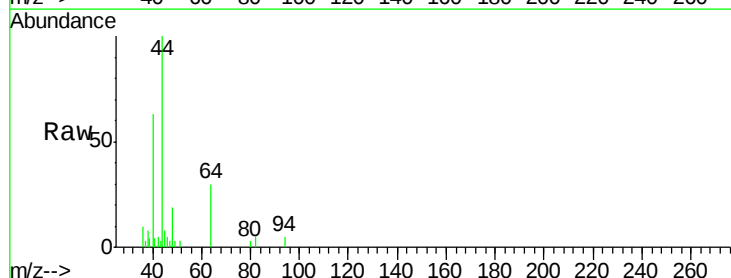
Acq: 11 Mar 2019 19:50

Tgt Ion: 94 Resp: 266

Ion Ratio Lower Upper

94 100

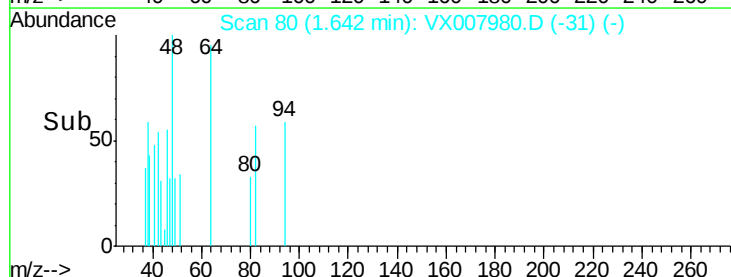
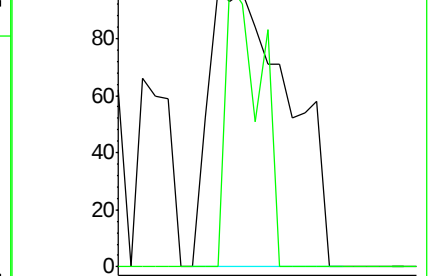
96 0.0 75.5 113.3#

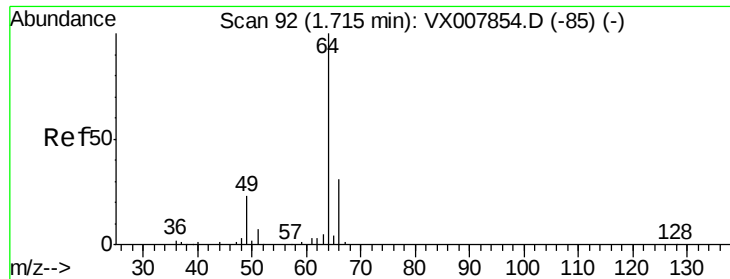


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64





#6

Chloroethane

Concen: 1.421 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA\_X

ClientSampleId :

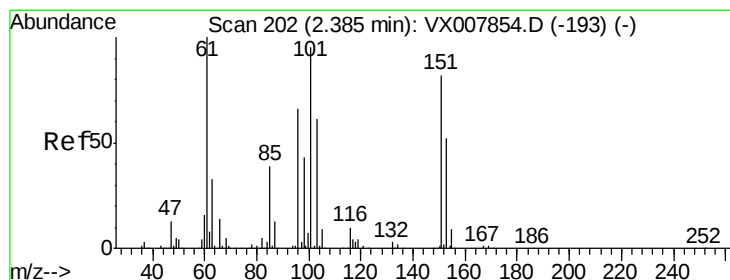
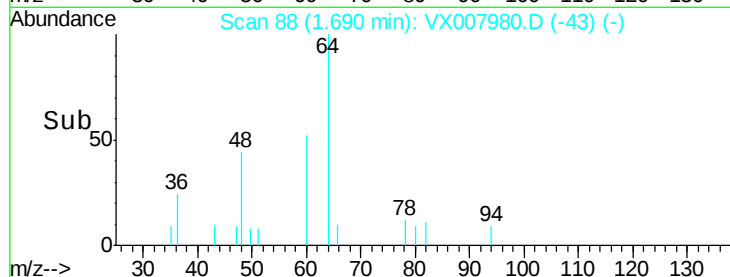
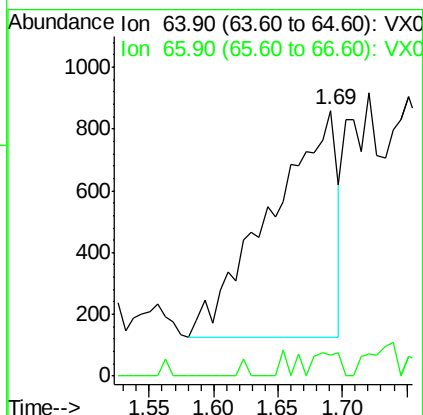
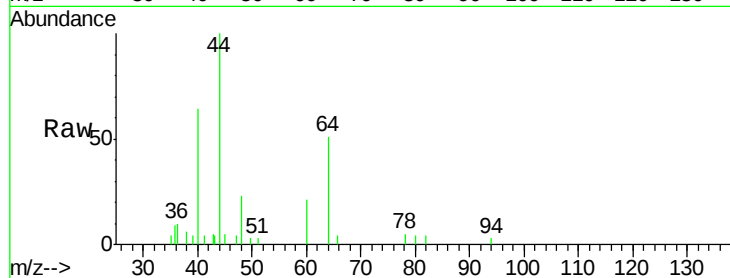
RE122D1-20190308

Tot Ion: 64 Resp: 2636

Ion Ratio Lower Upper

64 100

66 9.2 25.2 37.8#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.544 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

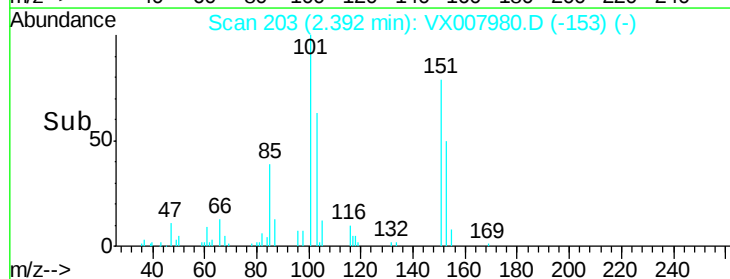
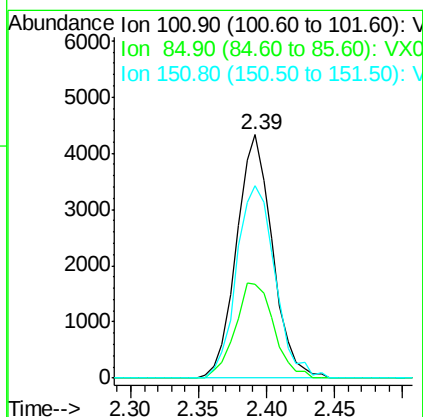
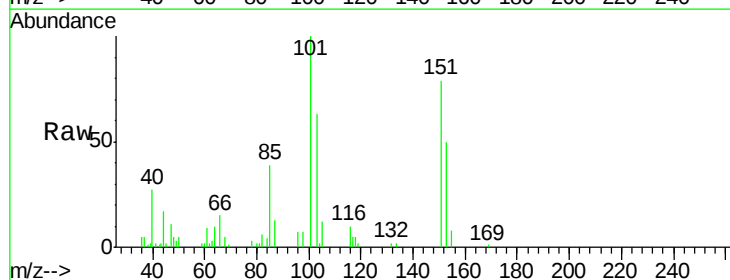
Tgt Ion:101 Resp: 7986

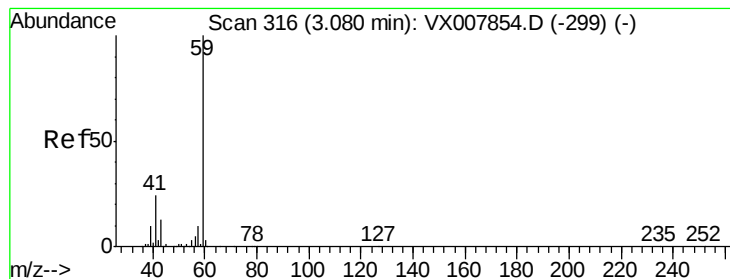
Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

151 85.0 69.1 103.7



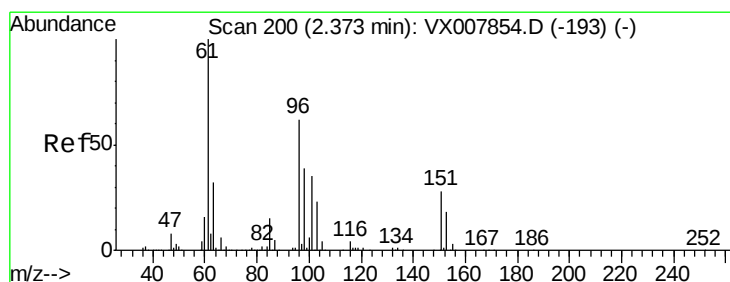
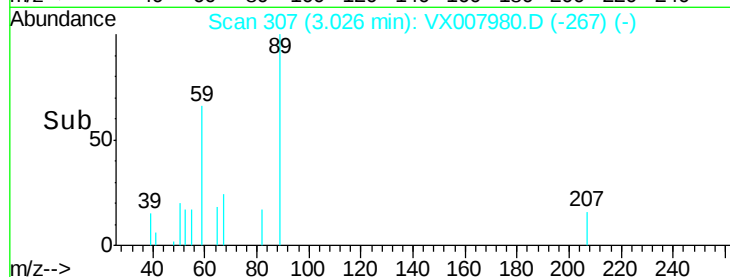
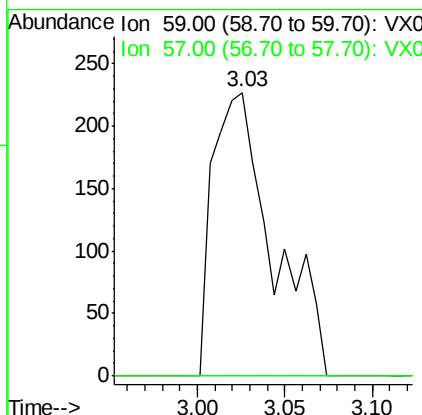
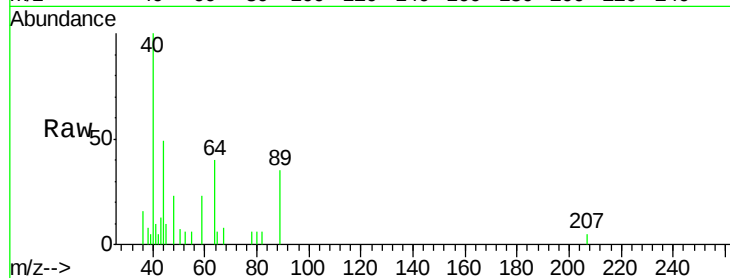


#11

Tert butyl alcohol  
 Concen: 0.910 ug/l  
 RT: 3.03 min Scan# 307  
 Delta R.T. -0.05 min  
 Lab File: VX007980.D  
 Acq: 11 Mar 2019 19:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D1-20190308

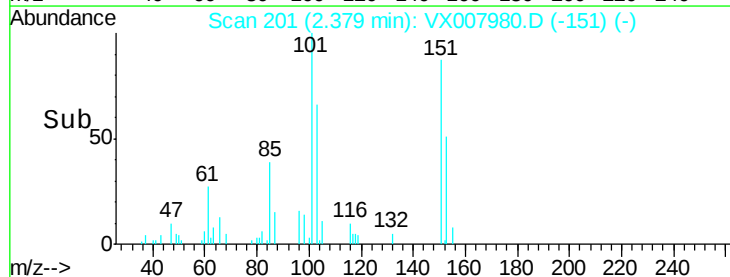
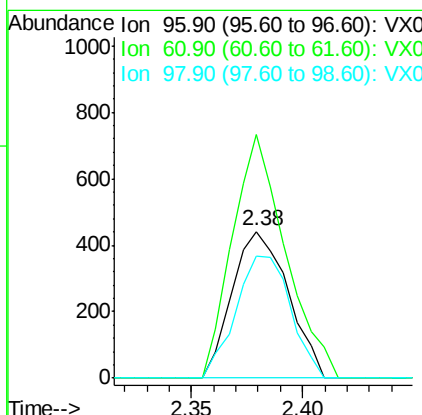
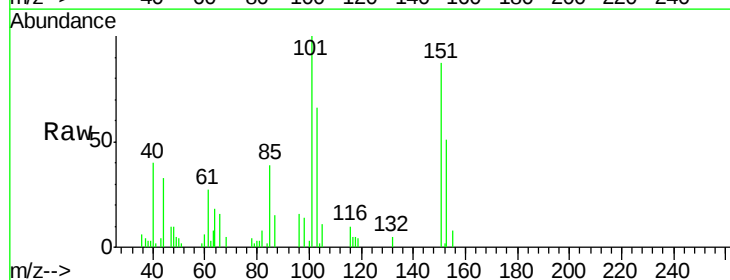
Tot Ion: 59 Resp: 548  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.2 12.2#

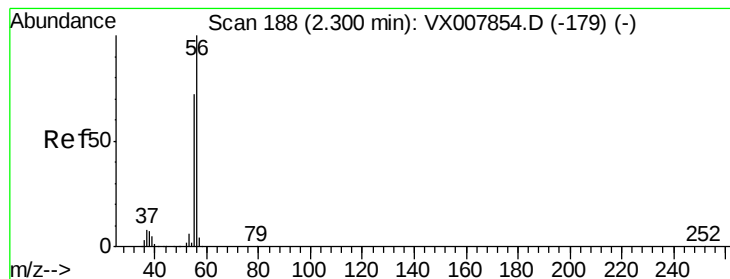


#12

1,1-Dichloroethene  
 Concen: 0.354 ug/l  
 RT: 2.38 min Scan# 201  
 Delta R.T. 0.01 min  
 Lab File: VX007980.D  
 Acq: 11 Mar 2019 19:50

Tgt Ion: 96 Resp: 769  
 Ion Ratio Lower Upper  
 96 100  
 61 165.8 129.8 194.6  
 98 83.0 51.0 76.6#





#13

Acrolein

Concen: 1.597 ug/l

RT: 2.33 min Scan# 193

Delta R.T. 0.03 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA\_X

ClientSampleId :

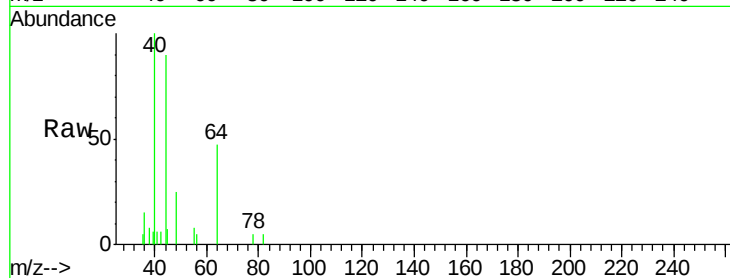
RE122D1-20190308

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

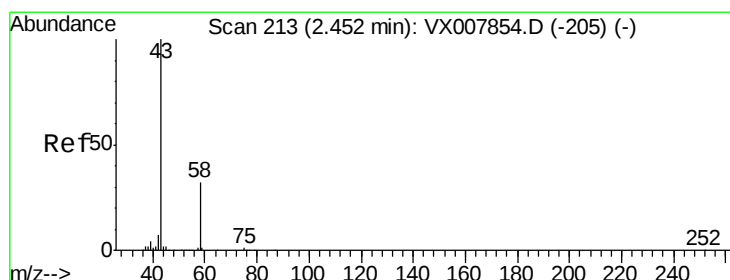
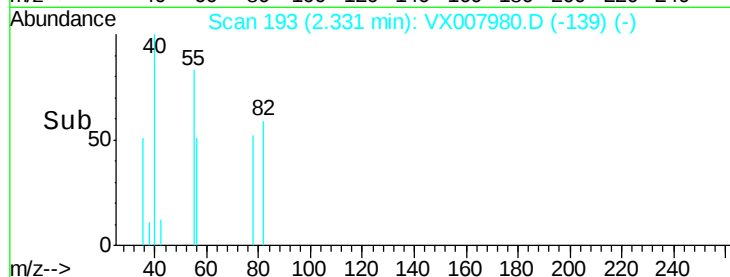
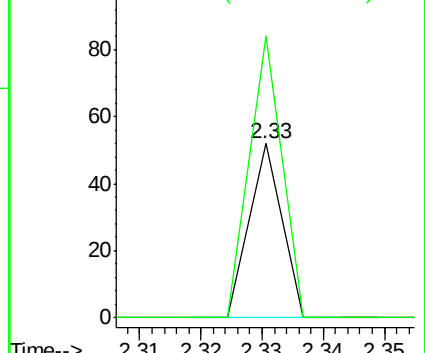
56 100

55 163.2 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.829 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007980.D

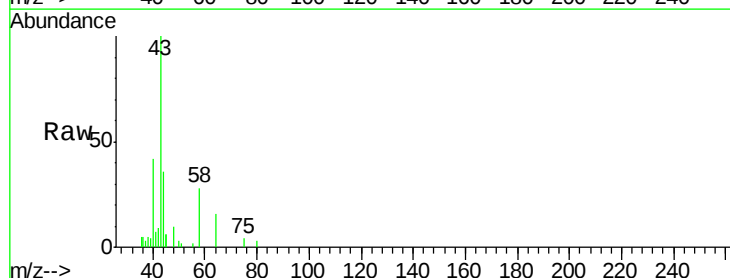
Acq: 11 Mar 2019 19:50

Tgt Ion: 43 Resp: 4410

Ion Ratio Lower Upper

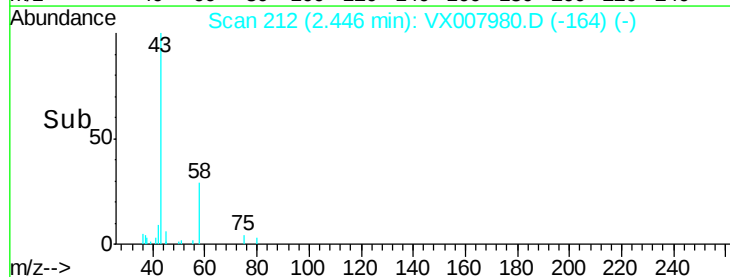
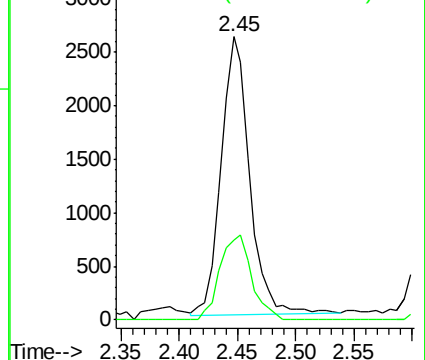
43 100

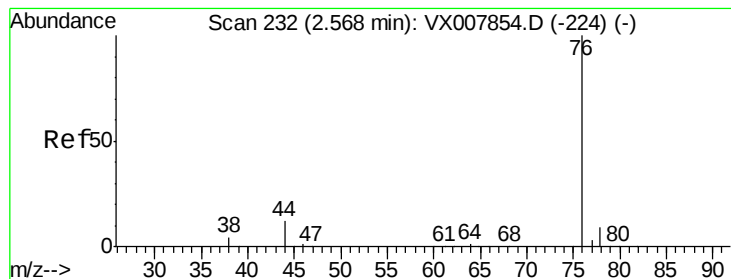
58 28.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA\_X

ClientSampleId :

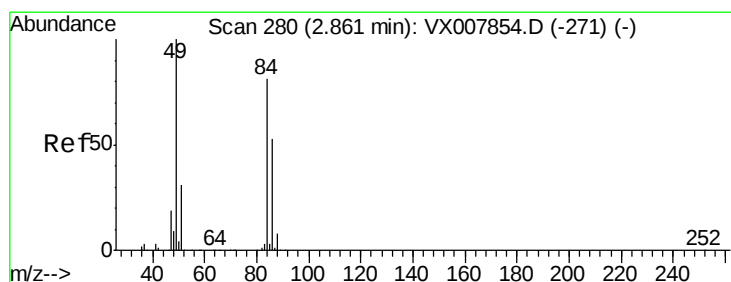
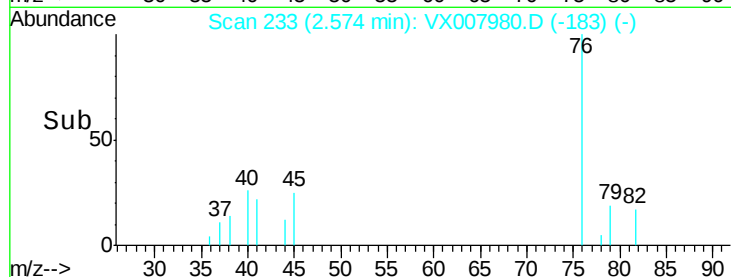
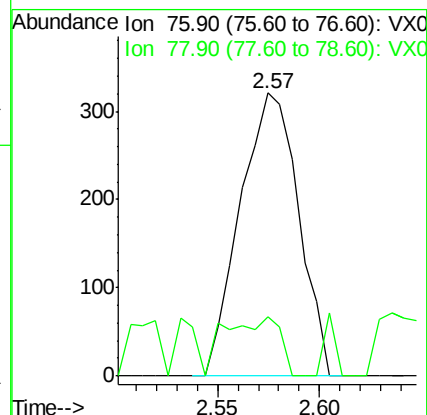
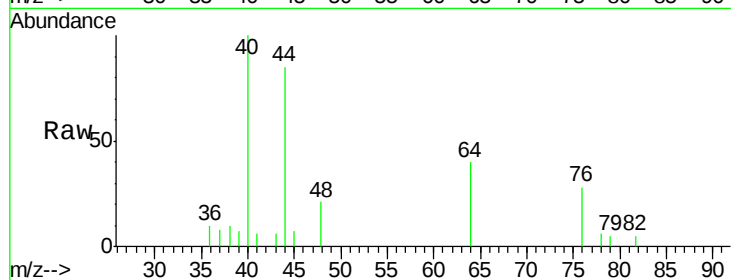
RE122D1-20190308

Tot Ion: 76 Resp: 637

Ion Ratio Lower Upper

76 100

78 20.9 7.2 10.8#



#20

Methylene Chloride

Concen: 0.255 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Tgt Ion: 84 Resp: 632

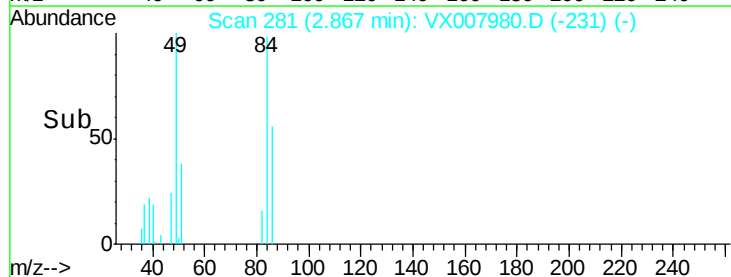
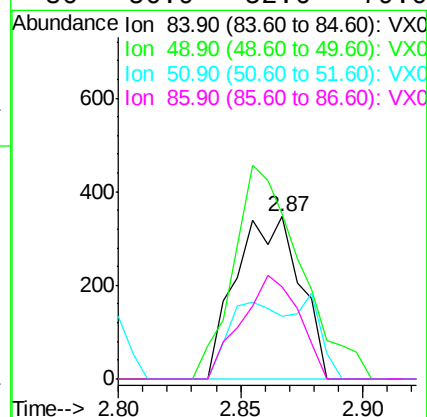
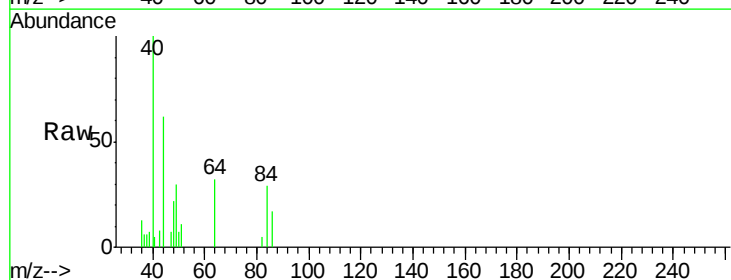
Ion Ratio Lower Upper

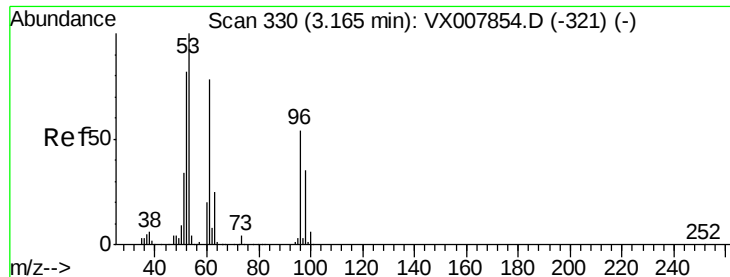
84 100

49 101.7 99.3 148.9

51 38.7 31.3 46.9

86 56.9 52.6 79.0

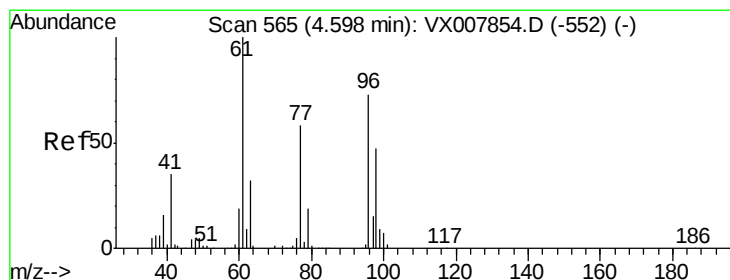
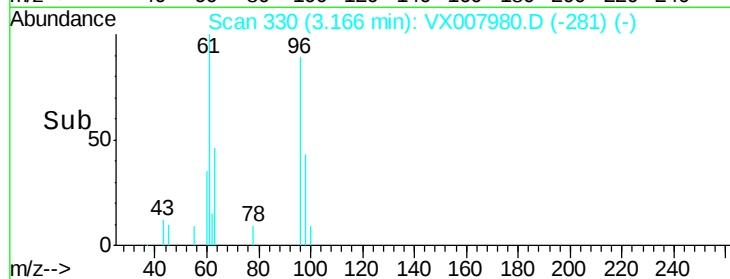
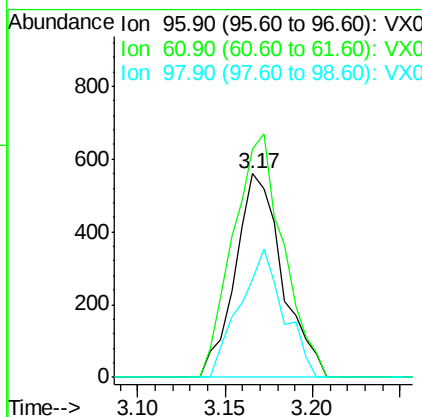
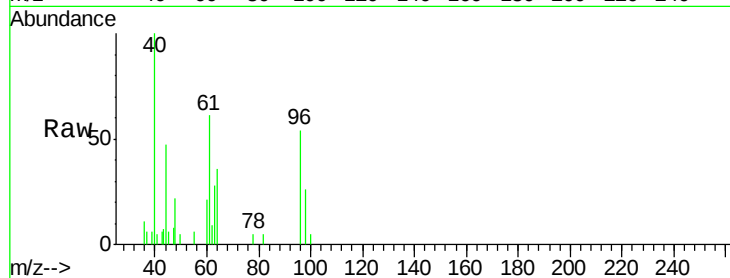




#21  
trans-1,2-Dichloroethene  
Concen: 0.441 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. 0.00 min  
Lab File: VX007980.D  
Acq: 11 Mar 2019 19:50

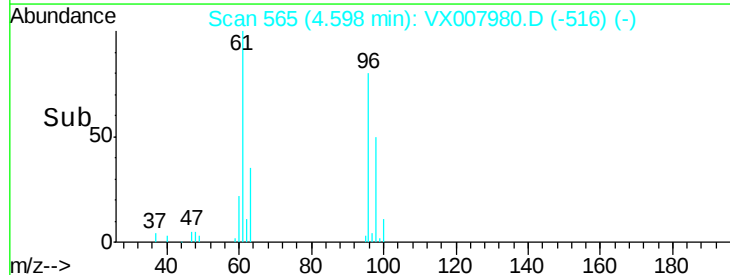
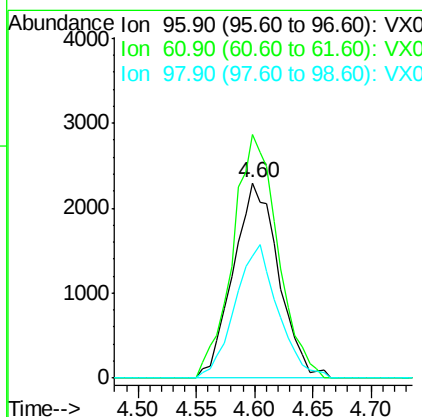
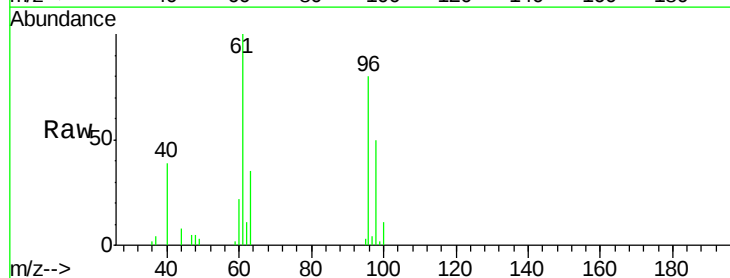
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D1-20190308

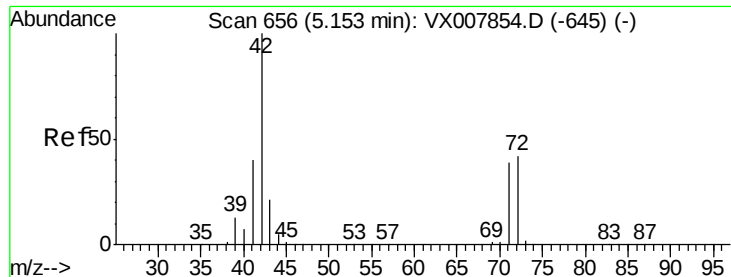
Tot Ion: 96 Resp: 1055  
Ion Ratio Lower Upper  
96 100  
61 111.8 114.4 171.6#  
98 48.2 51.1 76.7#



#27  
cis-1,2-Dichloroethene  
Concen: 2.275 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX007980.D  
Acq: 11 Mar 2019 19:50

Tgt Ion: 96 Resp: 6222  
Ion Ratio Lower Upper  
96 100  
61 123.8 0.0 288.0  
98 64.7 0.0 129.0

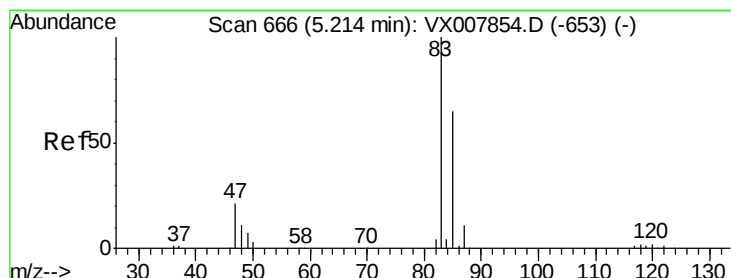
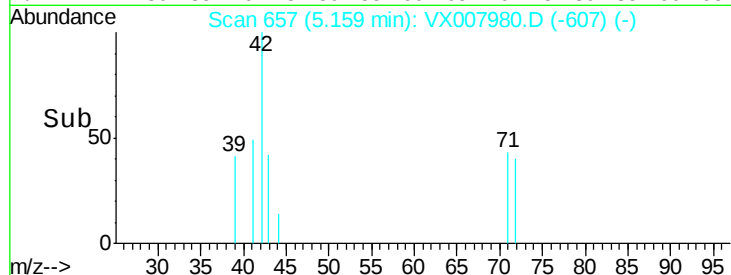
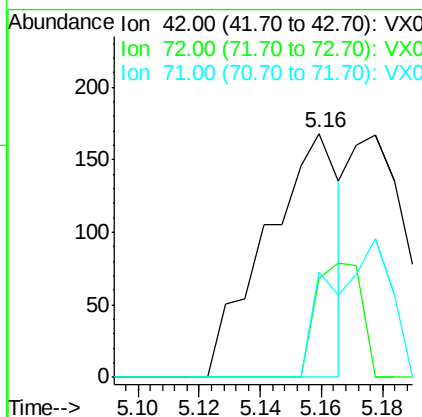
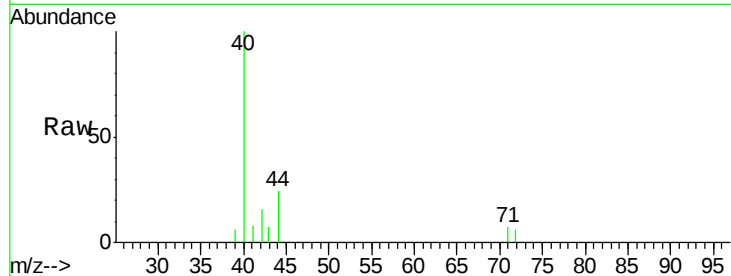




#29  
Tetrahydrofuran  
Concen: 0.203 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VX007980.D  
Acq: 11 Mar 2019 19:50

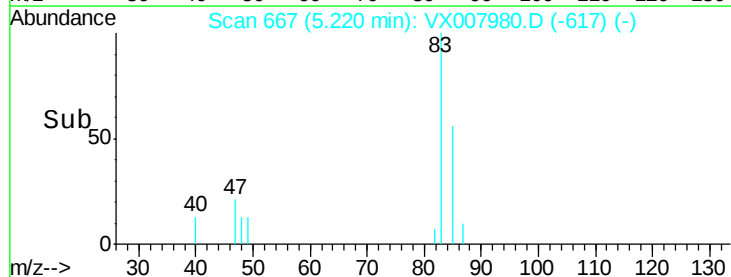
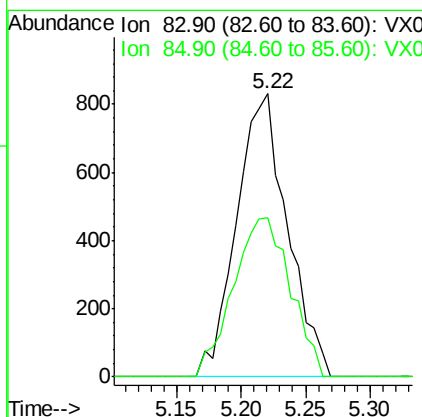
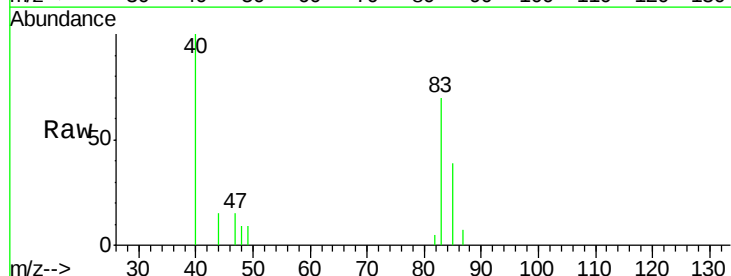
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D1-20190308

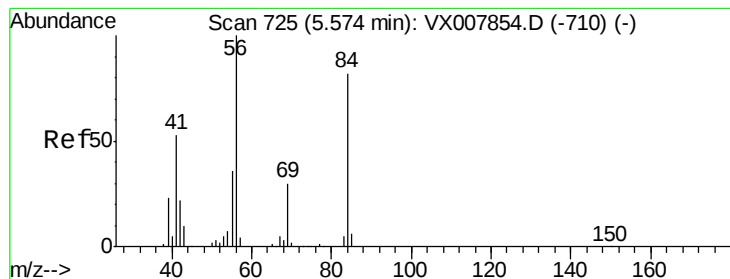
Tot Ion: 42 Resp: 279  
Ion Ratio Lower Upper  
42 100  
72 29.4 33.8 50.6#  
71 46.2 31.5 47.3



#30  
Chloroform  
Concen: 0.535 ug/l  
RT: 5.22 min Scan# 667  
Delta R.T. 0.01 min  
Lab File: VX007980.D  
Acq: 11 Mar 2019 19:50

Tgt Ion: 83 Resp: 2277  
Ion Ratio Lower Upper  
83 100  
85 56.2 51.8 77.6





#31

Cyclohexane

Concen: 0.963 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA\_X

ClientSampleId :

RE122D1-20190308

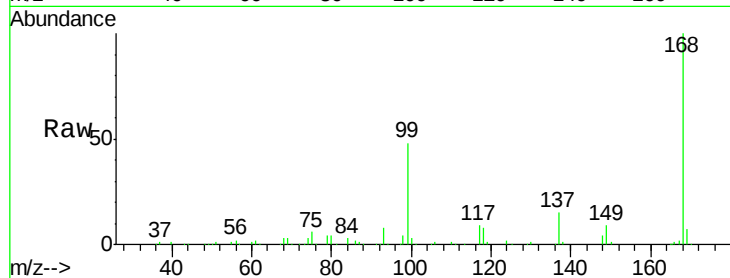
Tot Ion: 56 Resp: 3984

Ion Ratio Lower Upper

56 100

69 186.9 24.0 36.0#

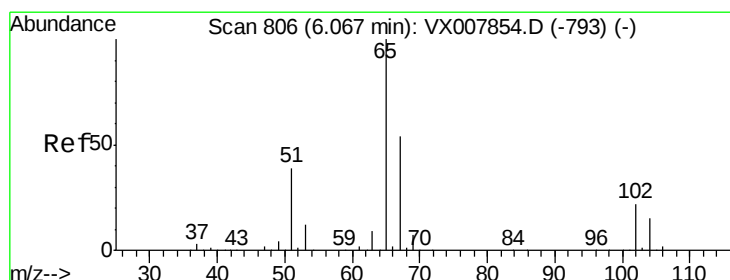
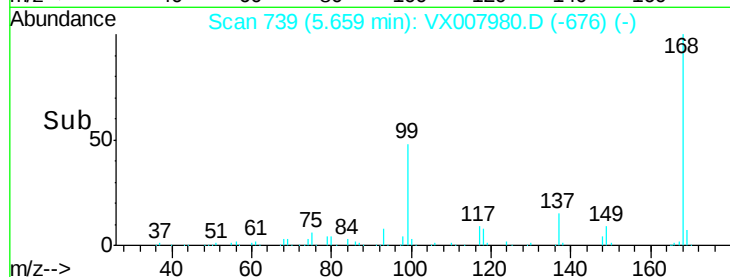
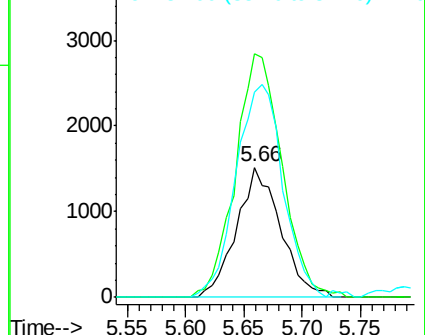
84 157.9 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.029 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007980.D

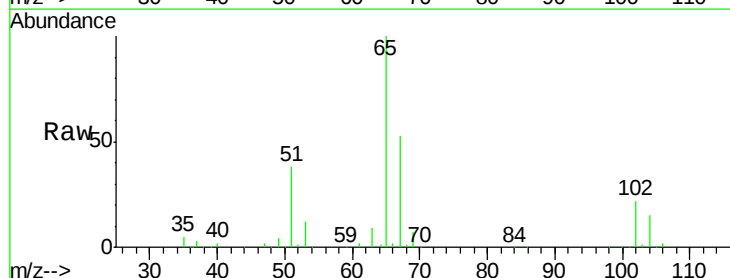
Acq: 11 Mar 2019 19:50

Tgt Ion: 65 Resp: 140112

Ion Ratio Lower Upper

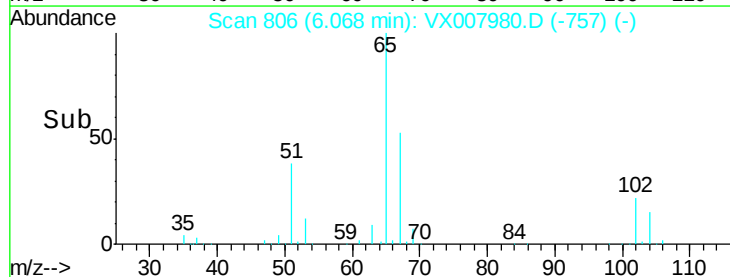
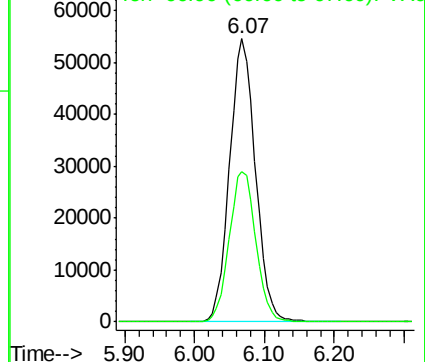
65 100

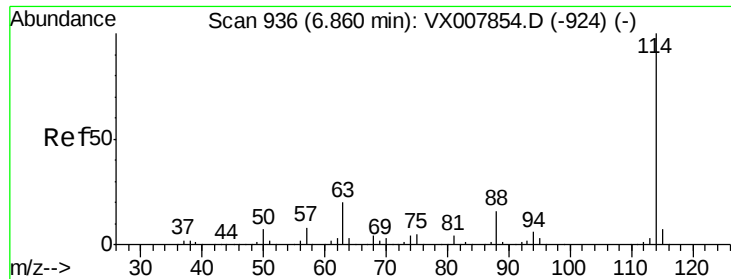
67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

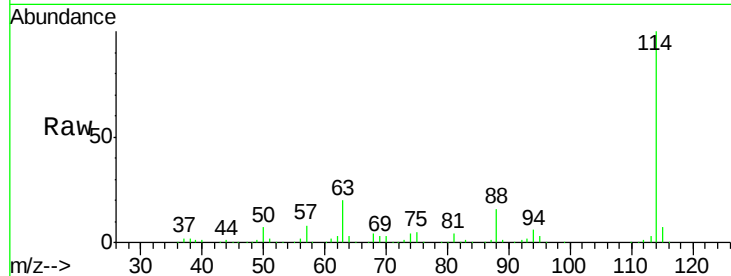




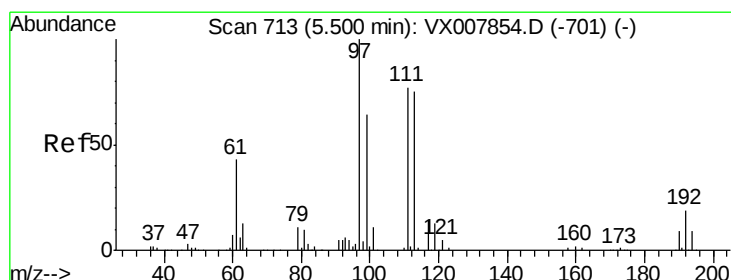
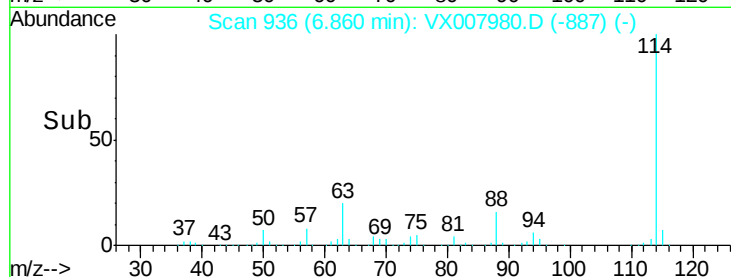
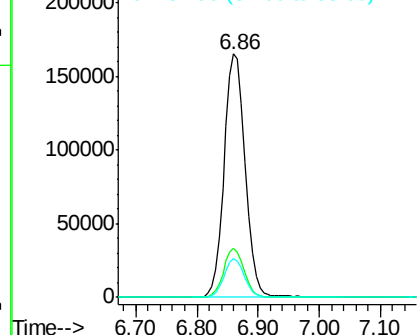
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX007980.D  
 Acq: 11 Mar 2019 19:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D1-20190308

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.0  | 0.0   | 39.8  |
| 88      | 15.9  | 0.0   | 31.4  |

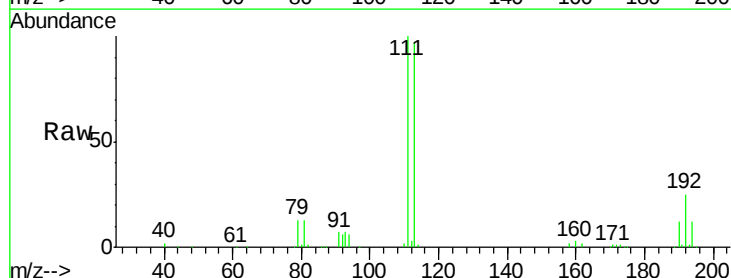


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX0  
 Ion 87.90 (87.60 to 88.60): VX0

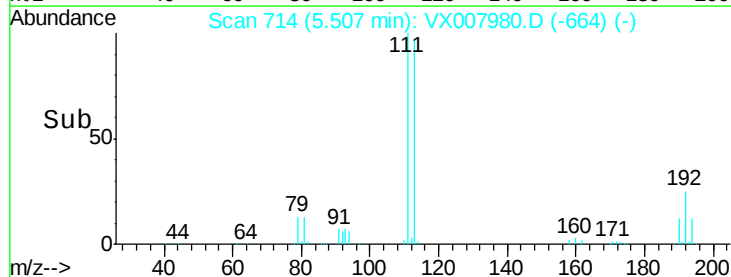
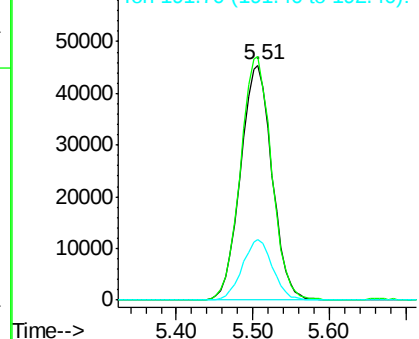


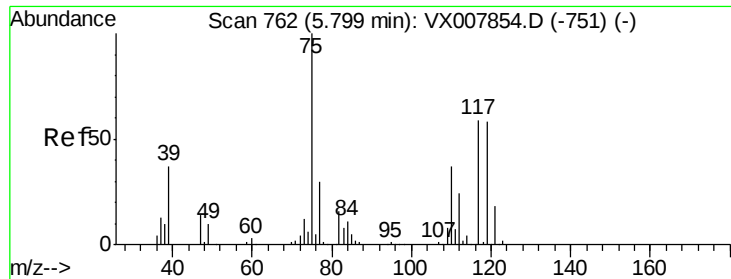
#35  
 Dibromofluoromethane  
 Concen: 51.197 ug/l  
 RT: 5.51 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VX007980.D  
 Acq: 11 Mar 2019 19:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 81.4  | 122.0 |
| 192     | 24.7  | 19.4  | 29.0  |



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.495 ug/l

RT: 5.67 min Scan# 740

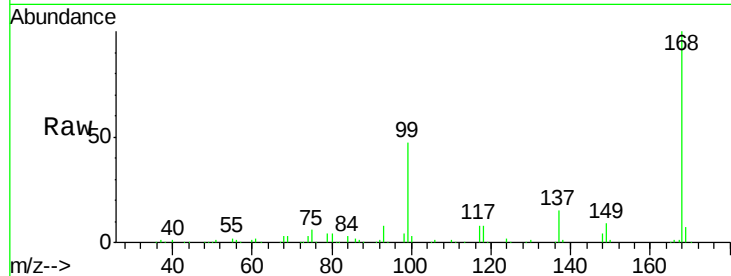
Delta R.T. -0.13 min

Lab File: VX007980.D

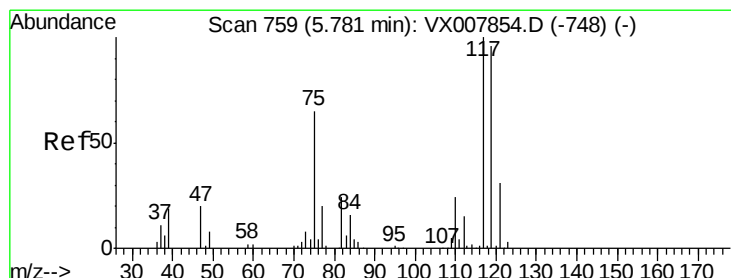
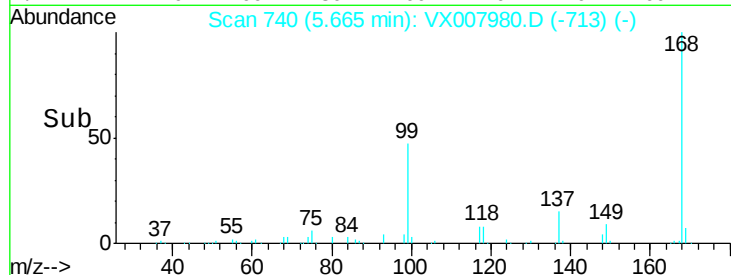
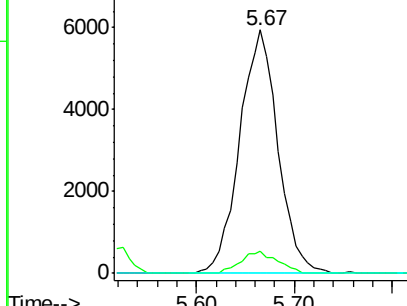
Acq: 11 Mar 2019 19:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D1-20190308

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 16130 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 8.6   | 18.4  | 55.0# |
| 77       | 0.0   | 25.0  | 37.4# |



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: 0.572 ug/l

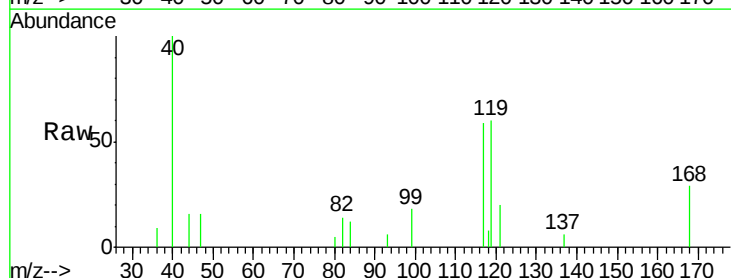
RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

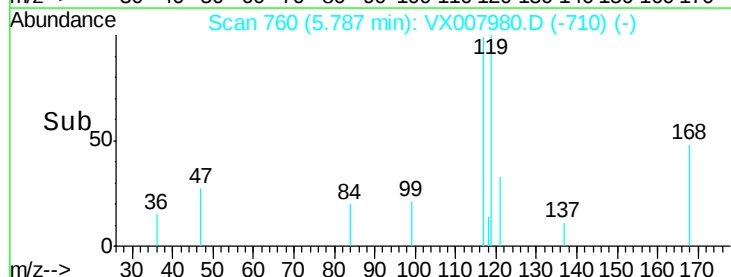
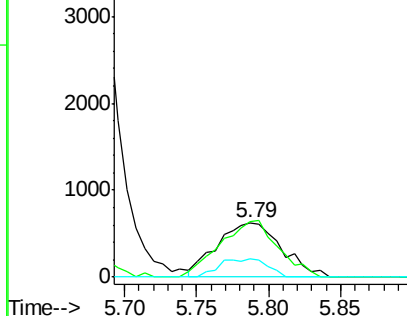
Lab File: VX007980.D

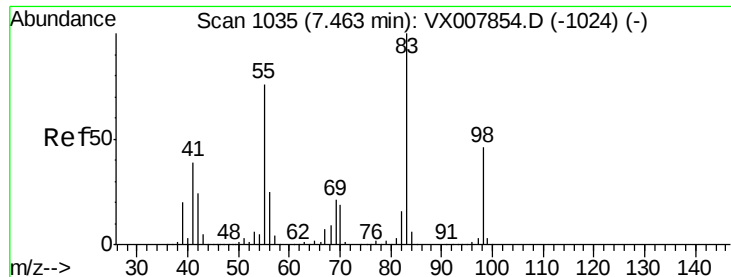
Acq: 11 Mar 2019 19:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1947  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 101.0 | 76.2  | 114.2 |
| 121      | 33.8  | 24.6  | 36.8  |



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

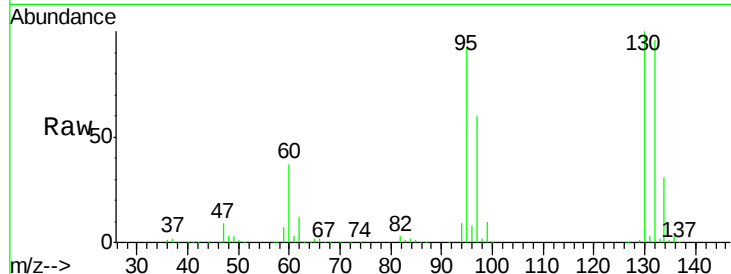




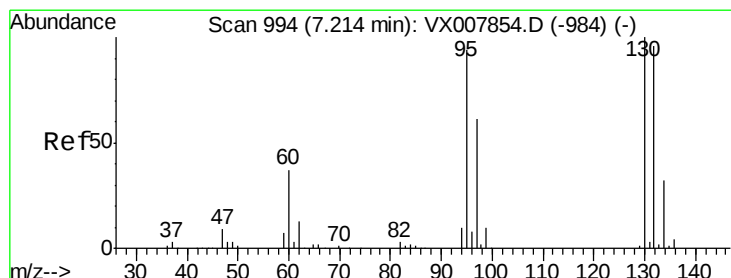
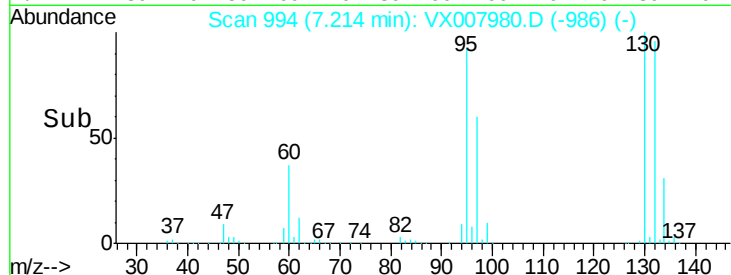
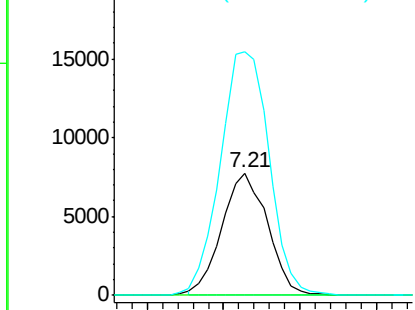
#39  
Methvlcvclohexane  
Concen: 3.698 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. -0.25 min  
Lab File: VX007980.D  
Acq: 11 Mar 2019 19:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D1-20190308

Tot Ion: 83 Resp: 16081  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.4 90.6#  
98 198.0 36.5 54.7#

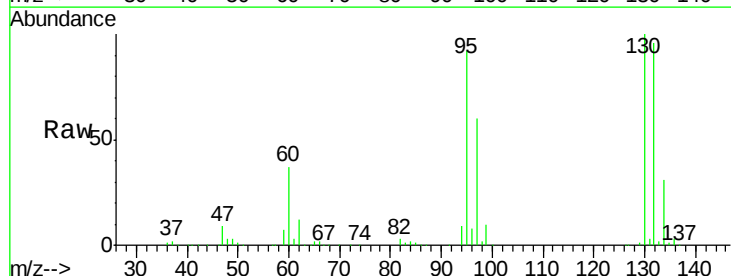


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

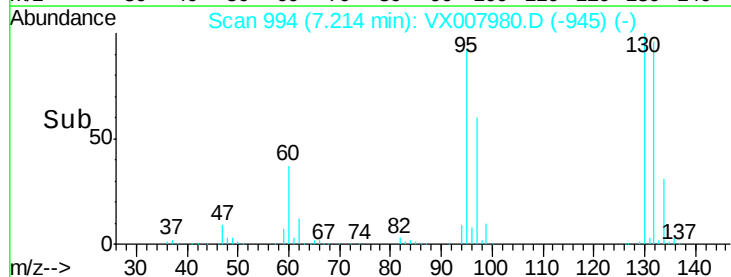
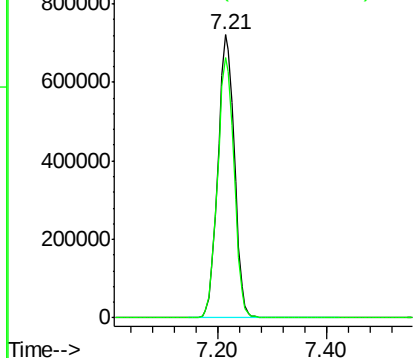


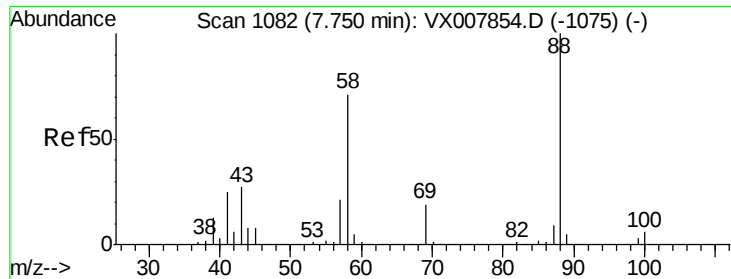
#44  
Trichloroethene  
Concen: 516.026 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: VX007980.D  
Acq: 11 Mar 2019 19:50

Tgt Ion:130 Resp: 1519199  
Ion Ratio Lower Upper  
130 100  
95 91.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VX0

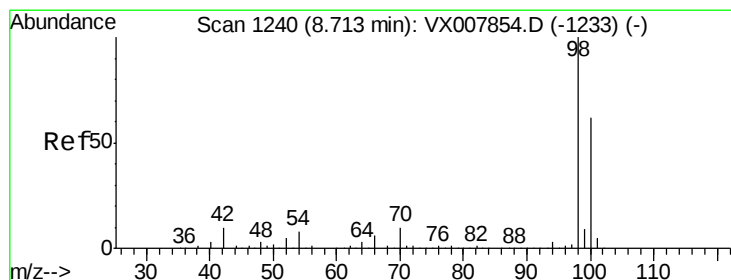
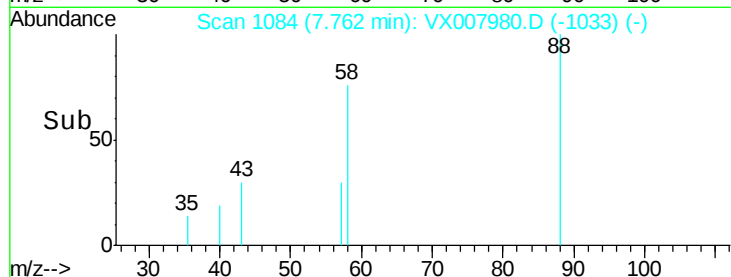
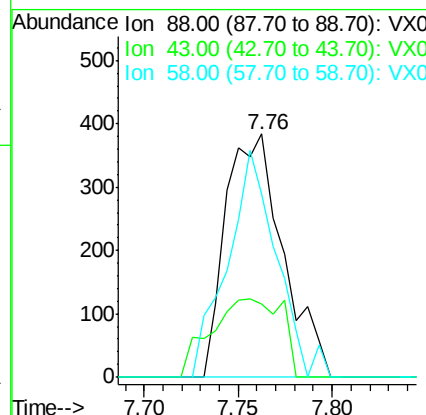
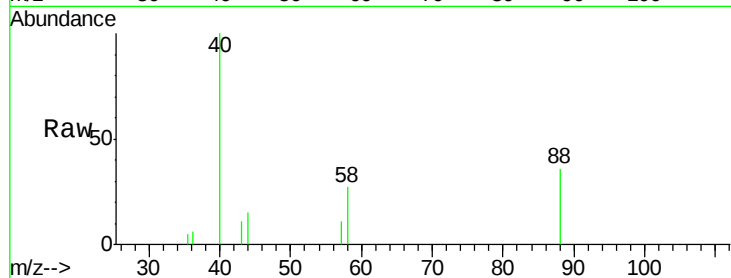




#49  
 1,4-Dioxane  
 Concen: 11.856 ug/l  
 RT: 7.76 min Scan# 1084  
 Delta R.T. 0.01 min  
 Lab File: VX007980.D  
 Acq: 11 Mar 2019 19:50

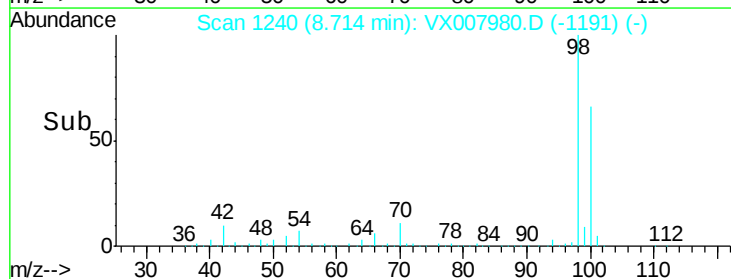
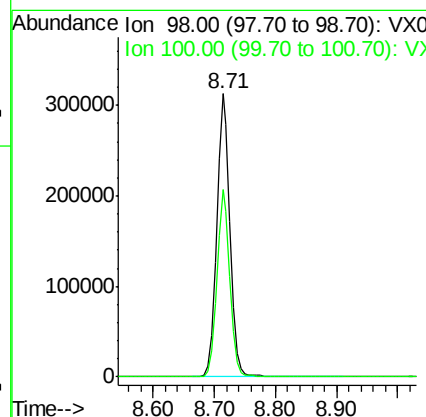
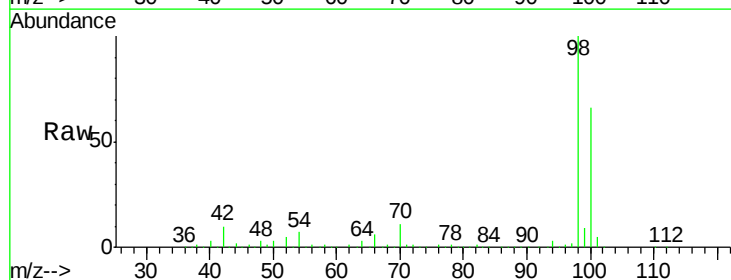
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D1-20190308

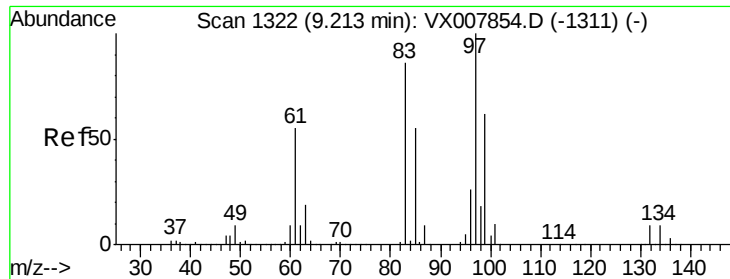
Tot Ion: 88 Resp: 807  
 Ion Ratio Lower Upper  
 88 100  
 43 39.8 25.1 37.7#  
 58 80.4 57.8 86.6



#50  
 Toluene-d8  
 Concen: 52.013 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX007980.D  
 Acq: 11 Mar 2019 19:50

Tgt Ion: 98 Resp: 484242  
 Ion Ratio Lower Upper  
 98 100  
 100 65.0 51.7 77.5

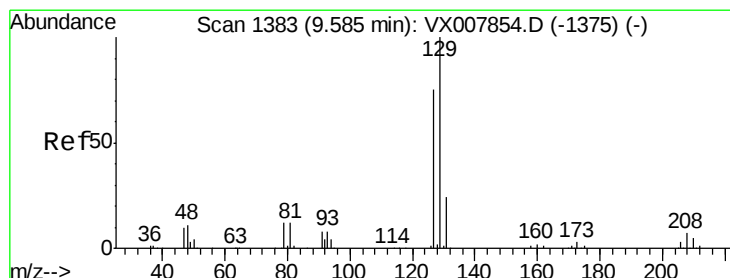
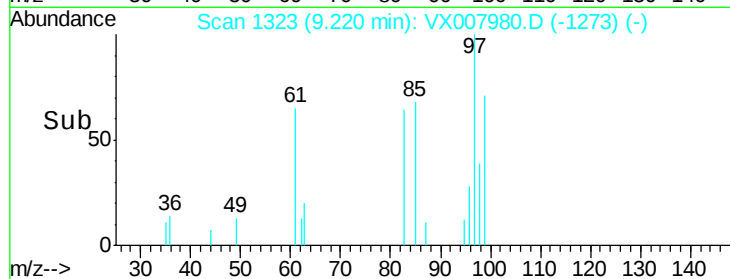
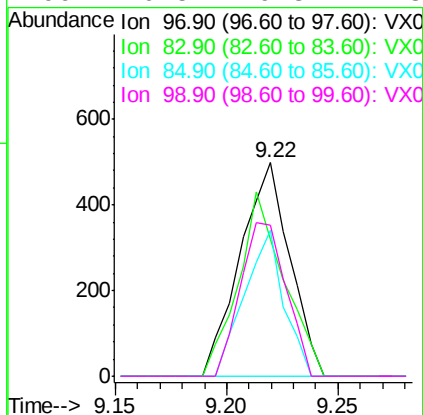
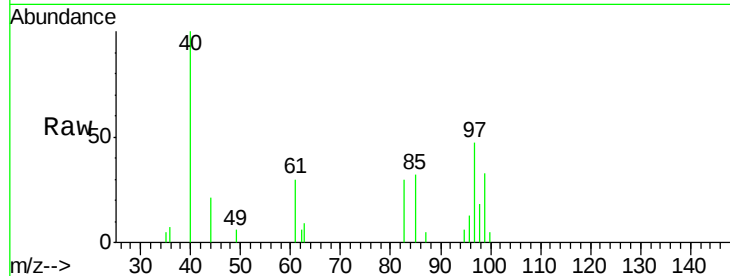




#55  
 1,1,2-Trichloroethane  
 Concen: 0.294 ug/l  
 RT: 9.22 min Scan# 1323  
 Delta R.T. 0.01 min  
 Lab File: VX007980.D  
 Acq: 11 Mar 2019 19:50

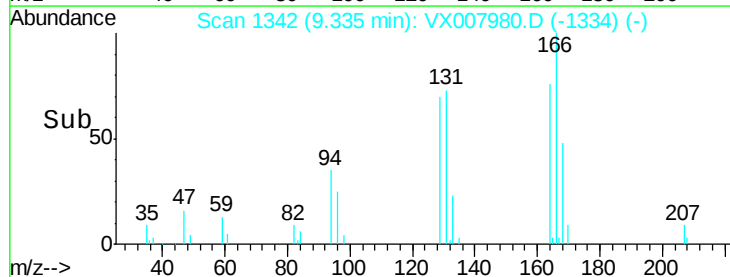
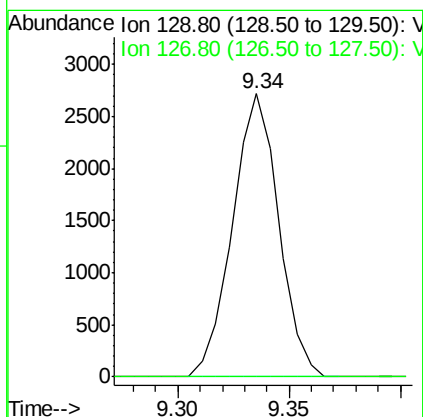
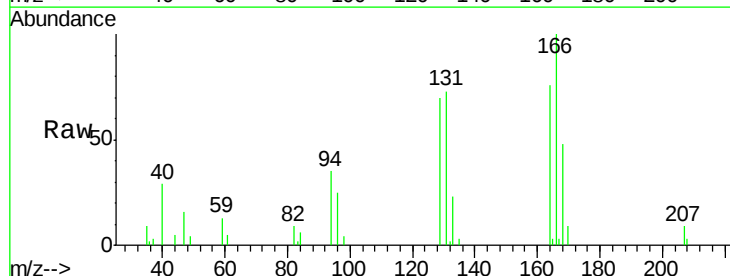
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D1-20190308

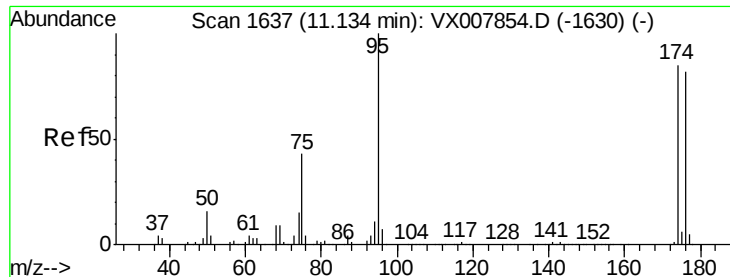
Tot Ion: 97 Resp: 775  
 Ion Ratio Lower Upper  
 97 100  
 83 64.3 69.1 103.7#  
 85 68.3 44.3 66.5#  
 99 70.5 49.8 74.8



#60  
 Dibromochloromethane  
 Concen: 1.423 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. -0.25 min  
 Lab File: VX007980.D  
 Acq: 11 Mar 2019 19:50

Tgt Ion: 129 Resp: 3927  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 38.3 114.8#

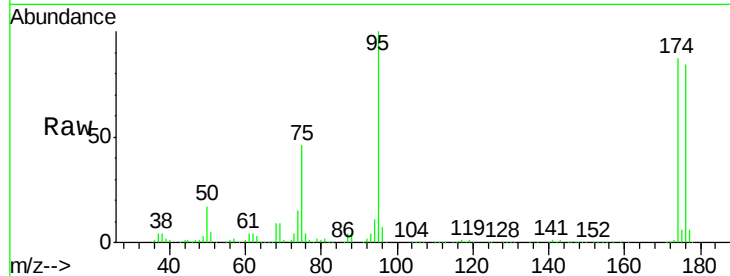




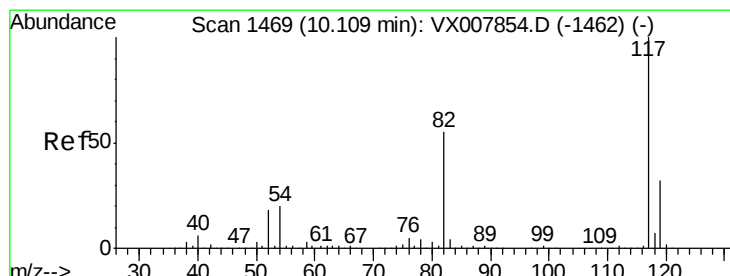
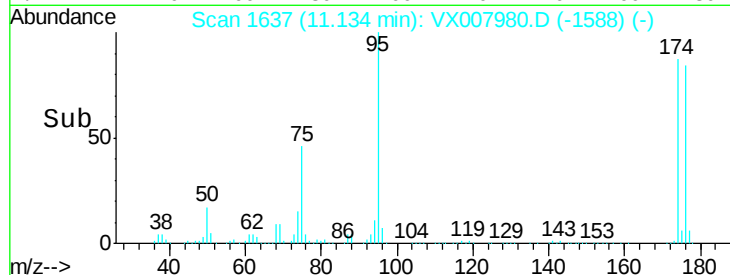
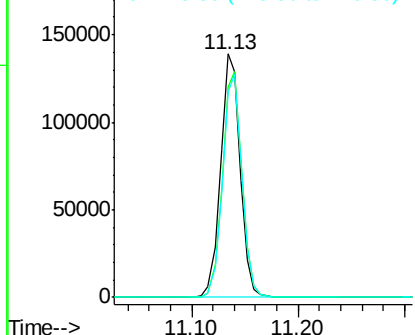
#62  
4-Bromofluorobenzene  
Concen: 54.408 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX007980.D  
Acq: 11 Mar 2019 19:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D1-20190308

Tot Ion: 95 Resp: 177592  
Ion Ratio Lower Upper  
95 100  
174 93.2 0.0 182.8  
176 91.1 0.0 178.0

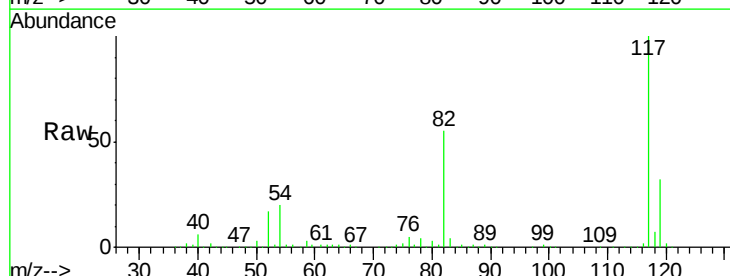


Abundance Ion 94.90 (94.60 to 95.60): VX0  
Ion 173.80 (173.50 to 174.50): V  
Ion 175.80 (175.50 to 176.50): V

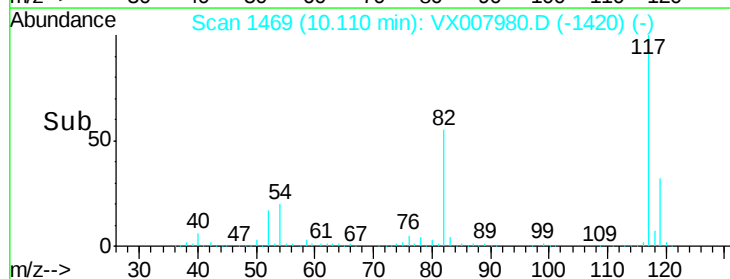
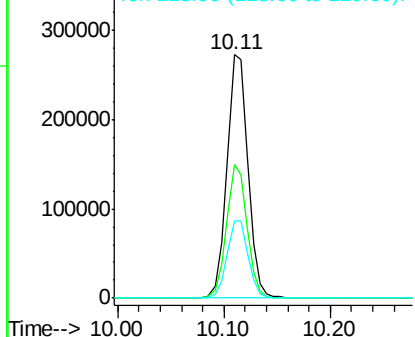


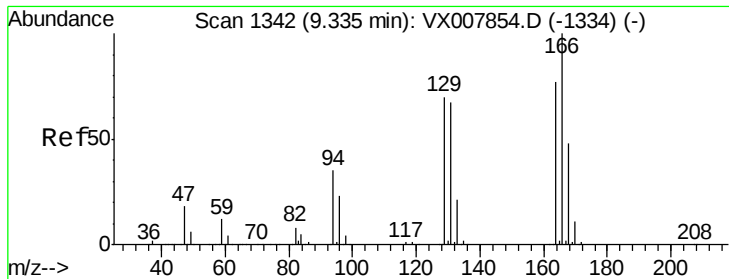
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX007980.D  
Acq: 11 Mar 2019 19:50

Tgt Ion: 117 Resp: 379030  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.3 66.5  
119 31.9 25.3 37.9



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





#64

Tetrachloroethene

Concen: 1.434 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA\_X

ClientSampleId :

RE122D1-20190308

Tot Ion:164 Resp: 4503

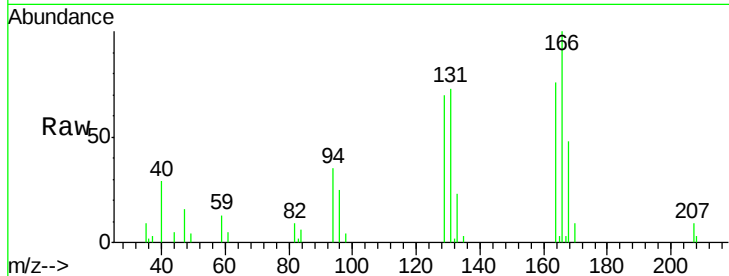
Ion Ratio Lower Upper

164 100

166 131.0 103.4 155.0

129 91.7 72.2 108.4

131 96.1 69.4 104.2

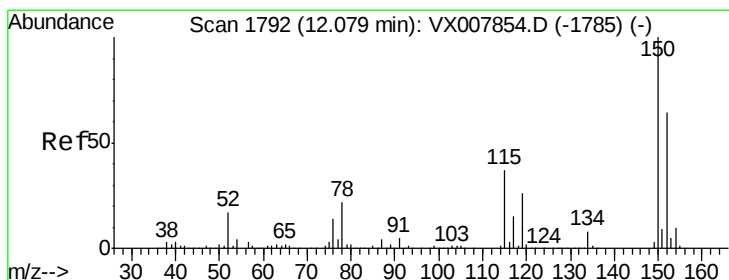
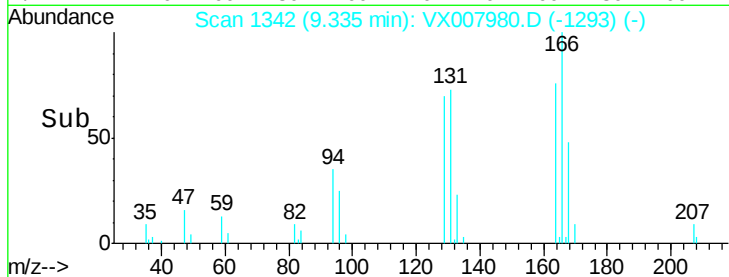
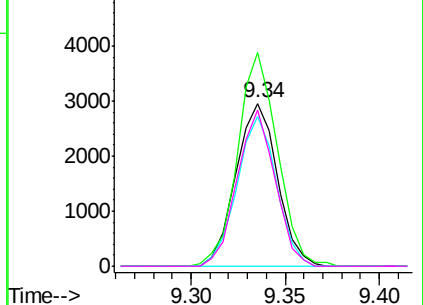


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX007980.D

Acq: 11 Mar 2019 19:50

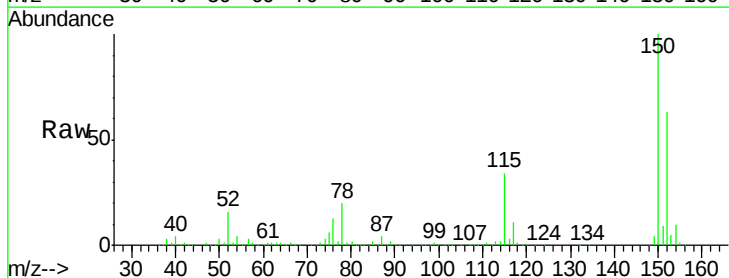
Tgt Ion:152 Resp: 184121

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

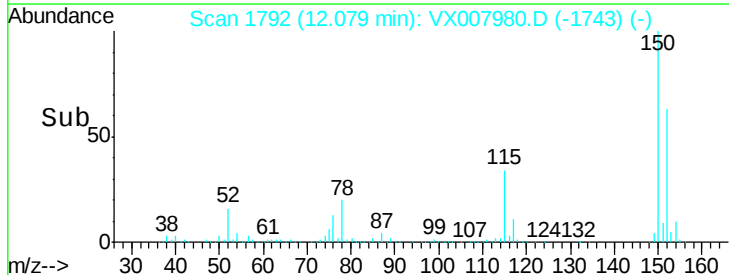
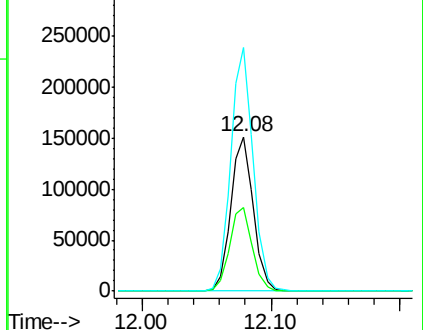
150 157.2 0.0 348.4

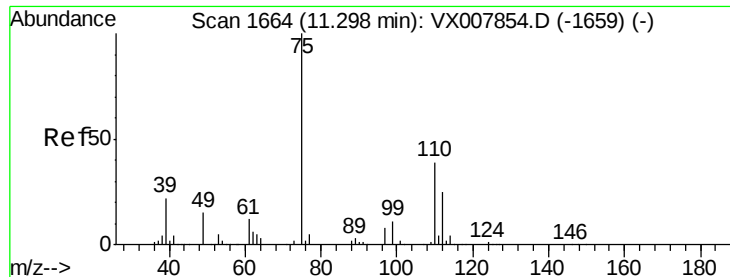


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 20.932 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA\_X

ClientSampleId :

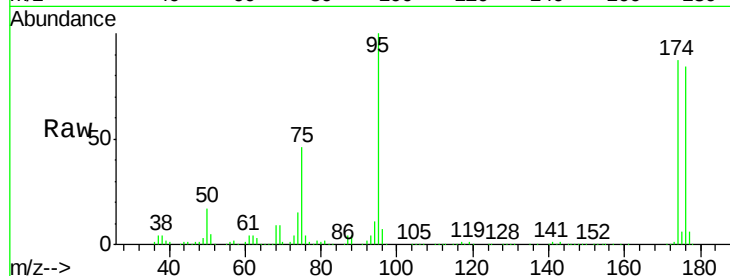
RE122D1-20190308

Tot Ion: 75 Resp: 80872

Ion Ratio Lower Upper

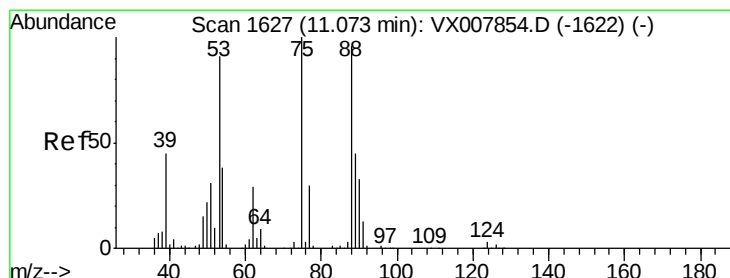
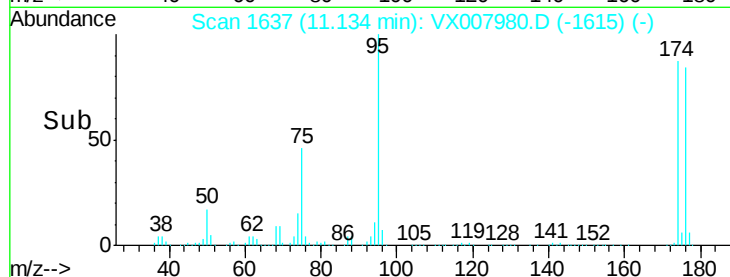
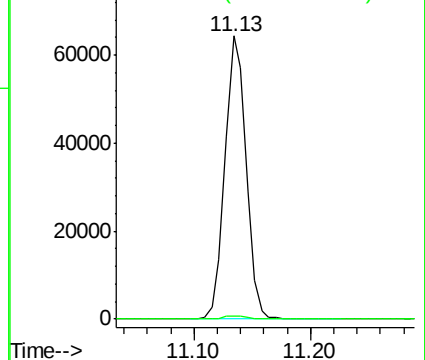
75 100

77 1.3 18.9 56.7#



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: 66.908 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

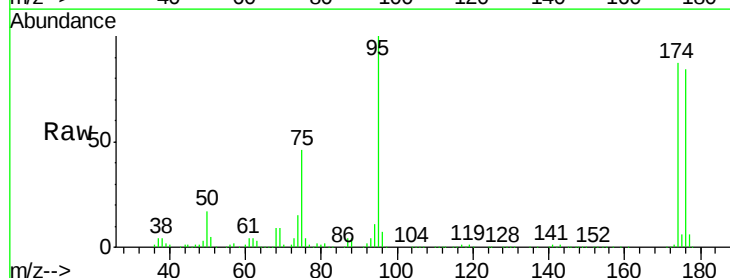
Tgt Ion: 75 Resp: 80872

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

