

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\  
 Data File : VX010549.D  
 Acq On : 28 Jun 2019 20:51  
 Operator : JC/SP  
 Sample : K3521-41  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW-12D

Quant Time: Jun 29 04:42:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

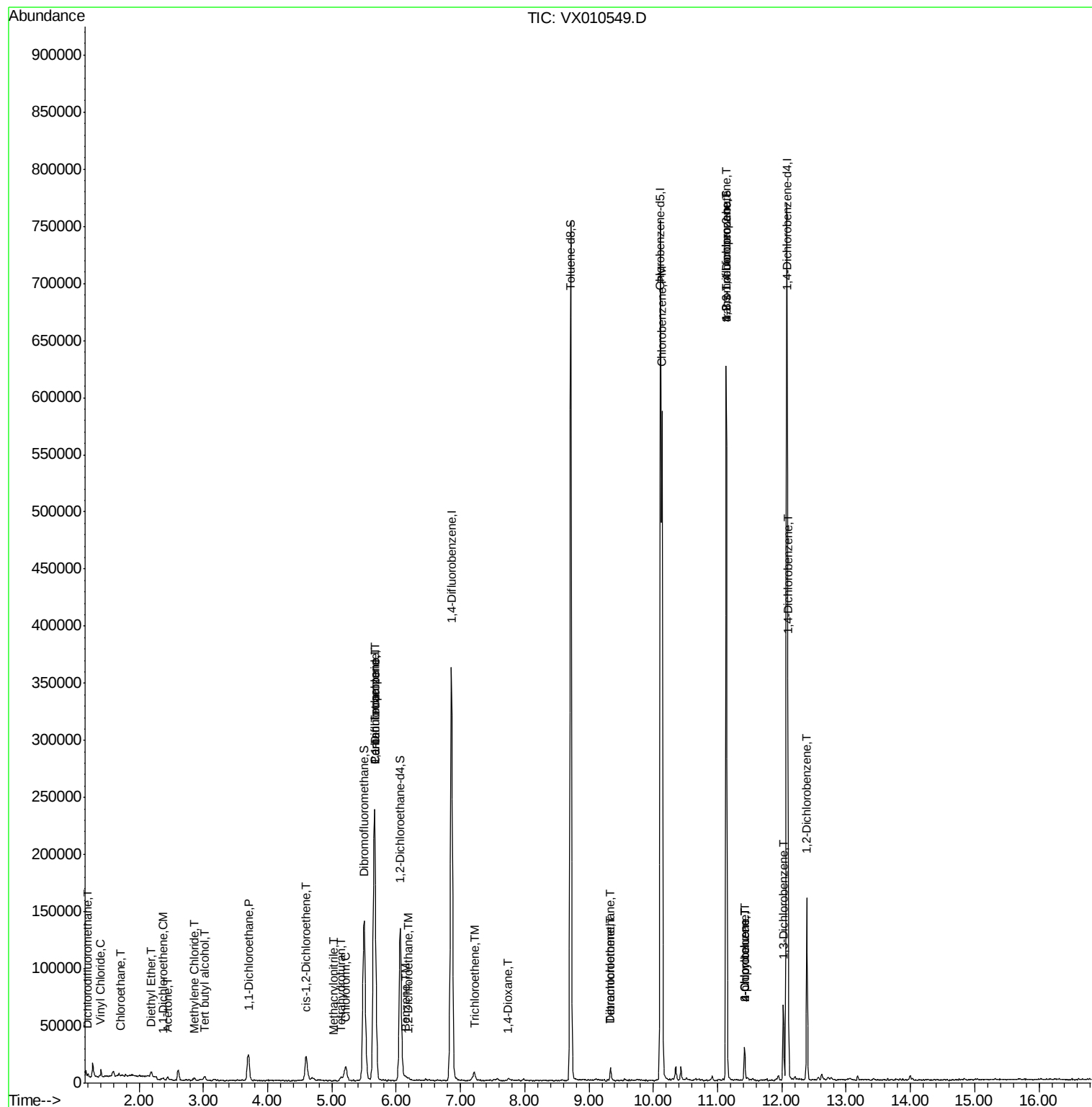
| Internal Standards             | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene          | 5.67   | 168  | 249917   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86   | 114  | 393276   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.11  | 117  | 352824   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08  | 152  | 165265   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.07   | 65   | 119784   | 51.12  | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =      | 102.24% |          |
| 35) Dibromofluoromethane       | 5.50   | 113  | 119420   | 49.63  | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =      | 99.26%  |          |
| 50) Toluene-d8                 | 8.71   | 98   | 460267   | 50.00  | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =      | 100.00% |          |
| 62) 4-Bromofluorobenzene       | 11.13  | 95   | 154708   | 46.55  | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =      | 93.10%  |          |
| Target Compounds               |        |      |          | Qvalue |         |          |
| 2) Dichlorodifluoromethane     | 1.20   | 85   | 485      | 0.279  | ug/l    | 73       |
| 4) Vinyl Chloride              | 1.41   | 62   | 4183     | 1.888  | ug/l    | 98       |
| 6) Chloroethane                | 1.71   | 64   | 551      | 0.421  | ug/l #  | 41       |
| 8) Diethyl Ether               | 2.19   | 74   | 1112     | 0.883  | ug/l #  | 51       |
| 11) Tert butyl alcohol         | 3.03   | 59   | 2396     | 3.908  | ug/l    | 96       |
| 12) 1,1-Dichloroethene         | 2.38   | 96   | 542      | 0.250  | ug/l #  | 79       |
| 16) Acetone                    | 2.45   | 43   | 2131     | 1.815  | ug/l #  | 79       |
| 20) Methylene Chloride         | 2.86   | 84   | 936      | 0.387  | ug/l #  | 69       |
| 24) 1,1-Dichloroethane         | 3.70   | 63   | 25900    | 6.968  | ug/l    | 98       |
| 27) cis-1,2-Dichloroethene     | 4.60   | 96   | 14908    | 5.537  | ug/l    | 92       |
| 29) Tetrahydrofuran            | 5.14   | 42   | 3352     | 3.142  | ug/l    | 96       |
| 30) Chloroform                 | 5.21   | 83   | 14486    | 3.622  | ug/l    | 93       |
| 36) 1,1-Dichloropropene        | 5.66   | 75   | 15151    | 4.848  | ug/l #  | 48       |
| 38) Carbon Tetrachloride       | 5.67   | 117  | 23031    | 6.806  | ug/l #  | 14       |
| 40) Benzene                    | 6.15   | 78   | 4357     | 0.447  | ug/l    | 94       |
| 41) Methacrylonitrile          | 5.02   | 41   | 358      | 0.203  | ug/l #  | 29       |
| 42) 1,2-Dichloroethane         | 6.20   | 62   | 2069     | 0.698  | ug/l    | 90       |
| 44) Trichloroethene            | 7.22   | 130  | 2633     | 0.904  | ug/l    | 99       |
| 49) 1,4-Dioxane                | 7.75   | 88   | 1829     | 25.679 | ug/l #  | 87       |
| 60) Dibromochloromethane       | 9.34   | 129  | 1816     | 0.613  | ug/l #  | 11       |
| 64) Tetrachloroethene          | 9.34   | 164  | 2183     | 0.765  | ug/l    | 93       |
| 65) Chlorobenzene              | 10.13  | 112  | 261674   | 36.531 | ug/l    | 99       |
| 76) 1,2,3-Trichloropropane     | 11.13  | 75   | 73572    | 24.430 | ug/l #  | 33       |
| 78) n-propylbenzene            | 11.42  | 91   | 12785    | 1.038  | ug/l #  | 51       |
| 79) 2-Chlorotoluene            | 11.42  | 91   | 12785    | 1.744  | ug/l    | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.13  | 75   | 73572    | 56.992 | ug/l #  | 16       |
| 82) 4-Chlorotoluene            | 11.42  | 91   | 12785    | 1.532  | ug/l    | 92       |
| 87) 1,3-Dichlorobenzene        | 12.02  | 146  | 21387    | 3.917  | ug/l    | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10  | 146  | 79154    | 14.239 | ug/l    | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39  | 146  | 50559    | 9.316  | ug/l    | 99       |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\  
Data File : VX010549.D  
Acq On : 28 Jun 2019 20:51  
Operator : JC/SP  
Sample : K3521-41  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW-12D

Quant Time: Jun 29 04:42:25 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 03:31:56 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: VX010549.D

Acq: 28 Jun 2019 20:51

Instrument :

MSVOA\_X

ClientSampled :

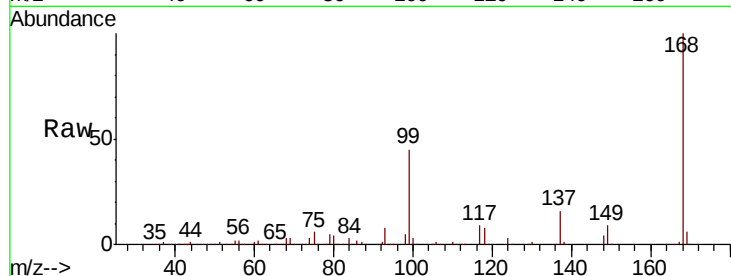
RW-12D

Tot Ion:168 Resp: 249917

Ion Ratio Lower Upper

168 100

99 45.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

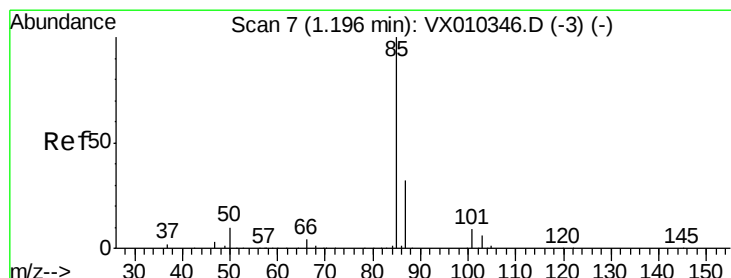
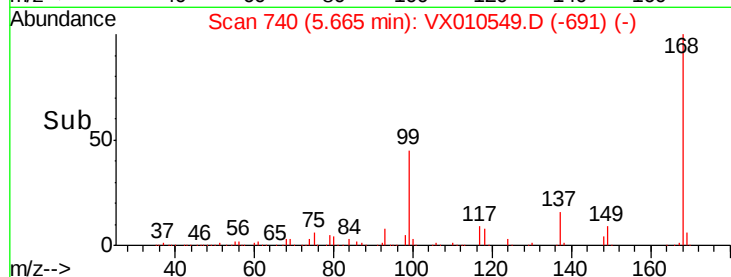
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.279 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010549.D

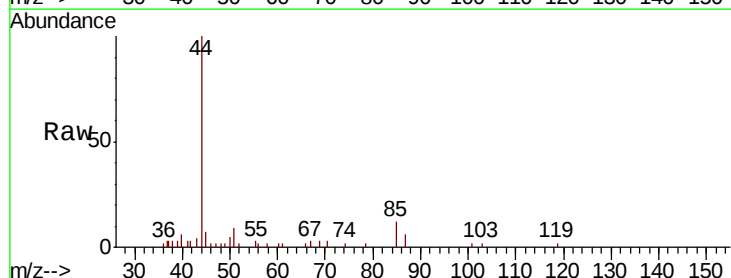
Acq: 28 Jun 2019 20:51

Tgt Ion: 85 Resp: 485

Ion Ratio Lower Upper

85 100

87 47.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400

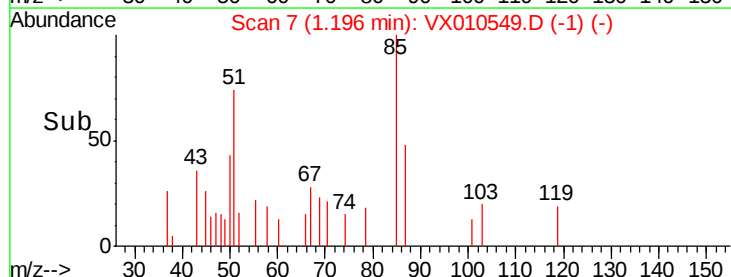
300

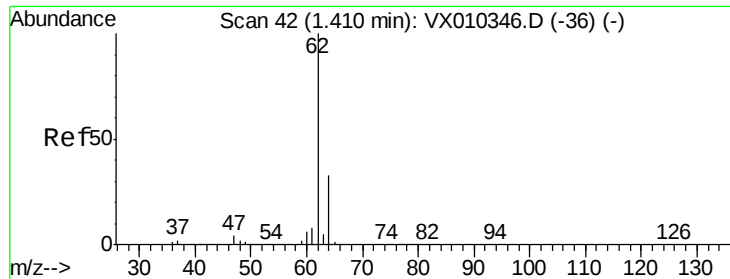
200

100

0

Time--> 1.16 1.18 1.20 1.22 1.24





#4

Vinyl Chloride

Concen: 1.888 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

Instrument :

MSVOA\_X

ClientSampleId :

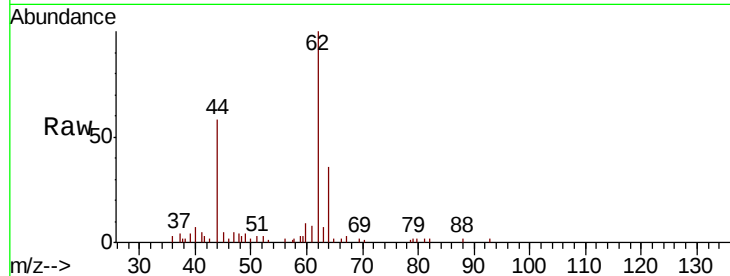
RW-12D

Tot Ion: 62 Resp: 4183

Ion Ratio Lower Upper

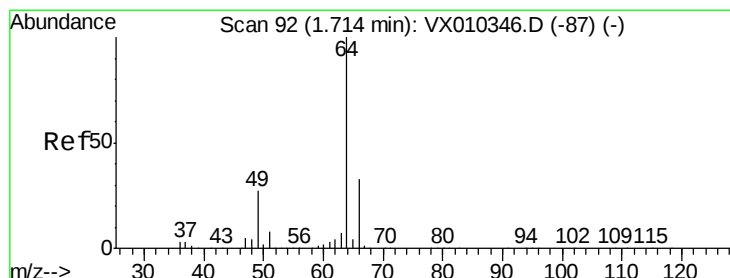
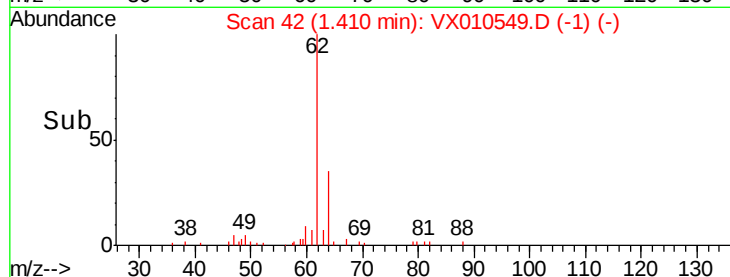
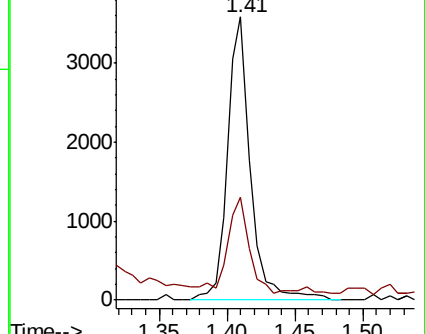
62 100

64 33.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: 0.421 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010549.D

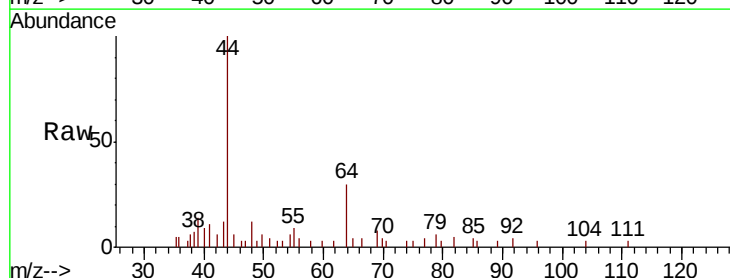
Acq: 28 Jun 2019 20:51

Tgt Ion: 64 Resp: 551

Ion Ratio Lower Upper

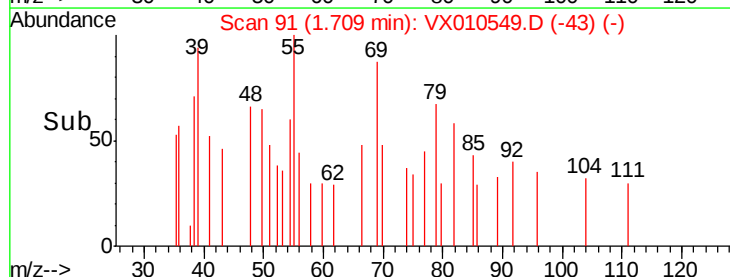
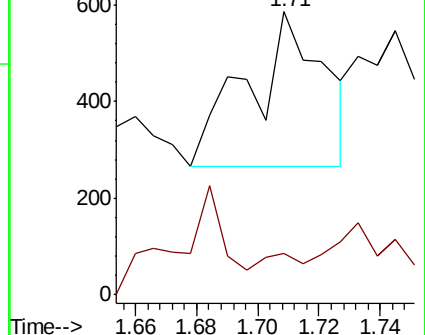
64 100

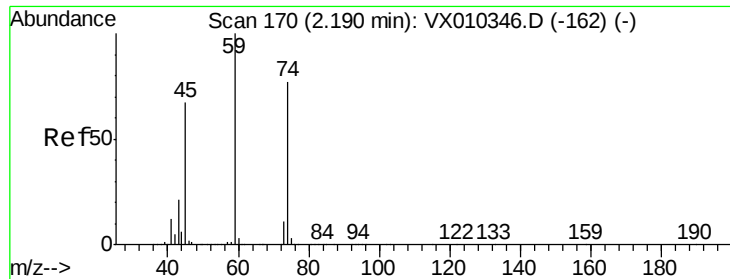
66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.883 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

Instrument :

MSVOA\_X

ClientSampleId :

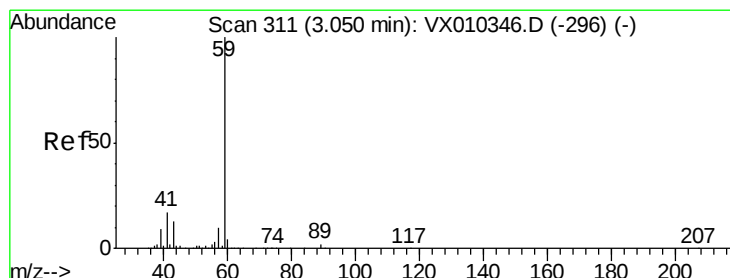
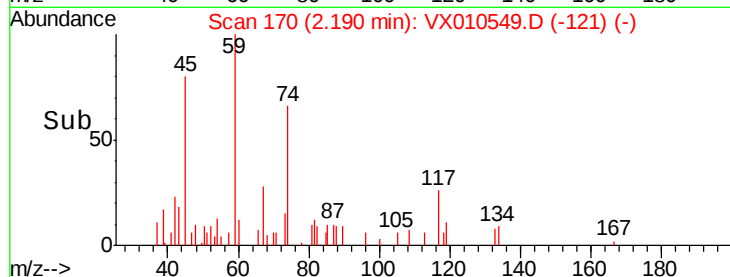
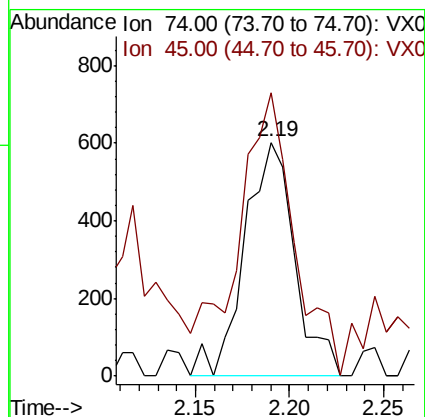
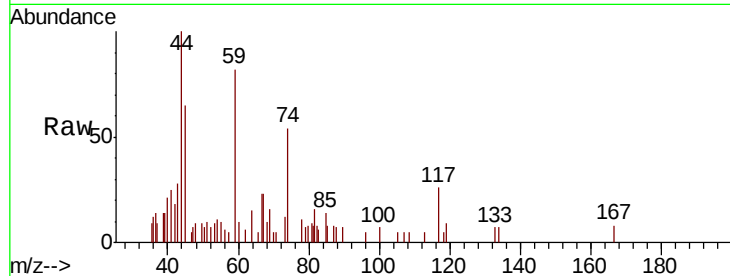
RW-12D

Tot Ion: 74 Resp: 1112

Ion Ratio Lower Upper

74 100

45 135.5 44.8 134.4#



#11

Tert butyl alcohol

Concen: 3.908 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX010549.D

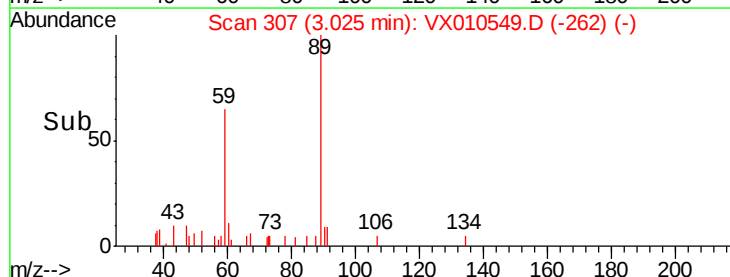
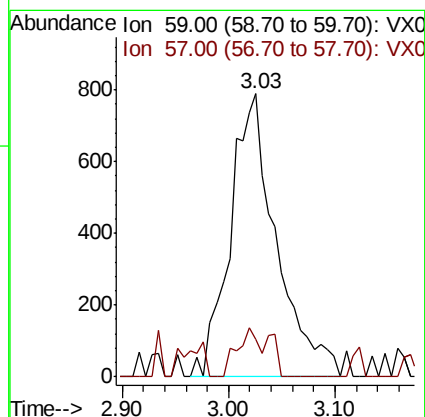
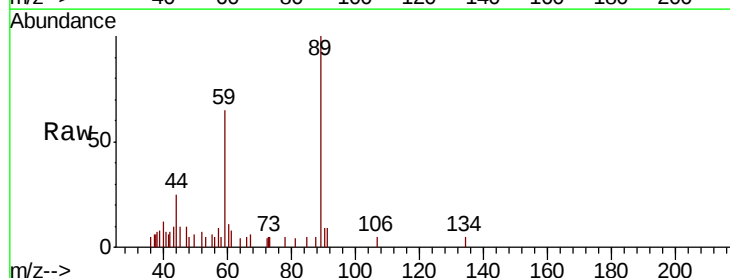
Acq: 28 Jun 2019 20:51

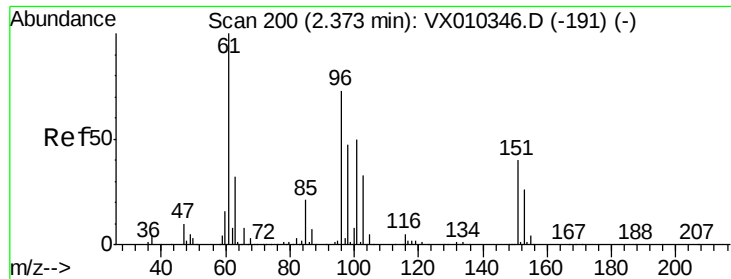
Tgt Ion: 59 Resp: 2396

Ion Ratio Lower Upper

59 100

57 8.3 7.7 11.5

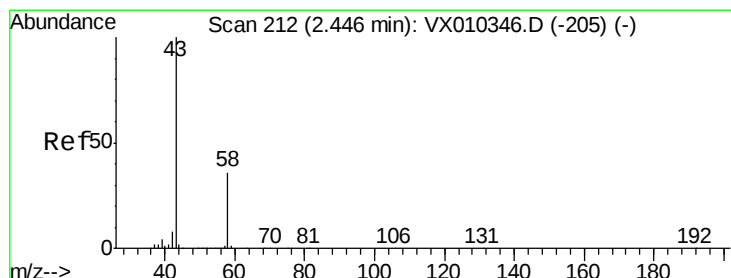
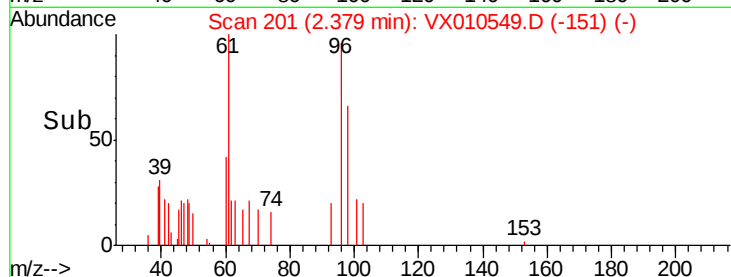
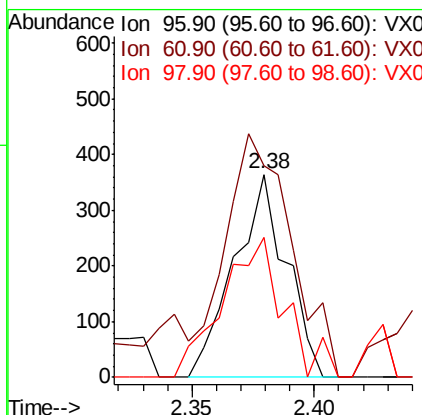
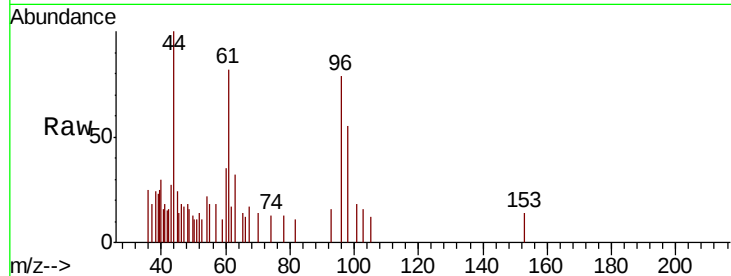




#12  
 1,1-Dichloroethene  
 Concen: 0.250 ug/l  
 RT: 2.38 min Scan# 201  
 Delta R.T. 0.01 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

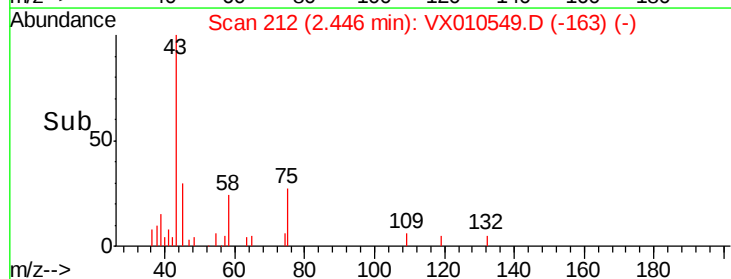
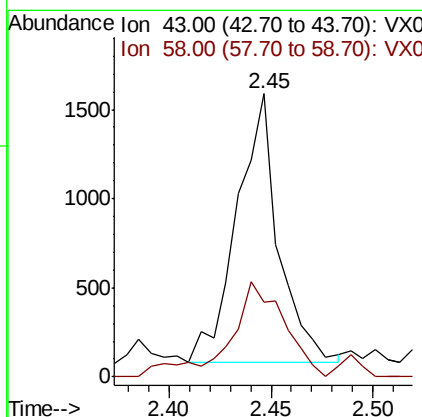
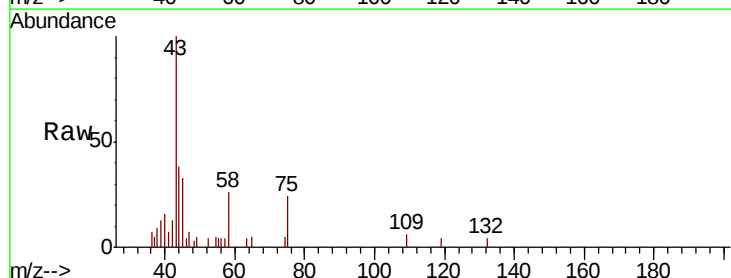
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW-12D

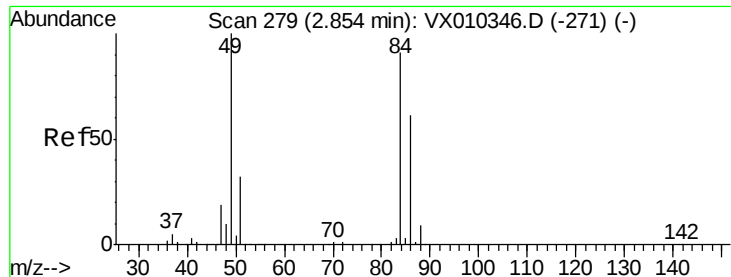
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 96      | 100   |       |        |
| 61      | 104.1 | 109.2 | 163.8# |
| 98      | 69.2  | 51.1  | 76.7   |



#16  
 Acetone  
 Concen: 1.815 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 23.5  | 28.9  | 43.3# |

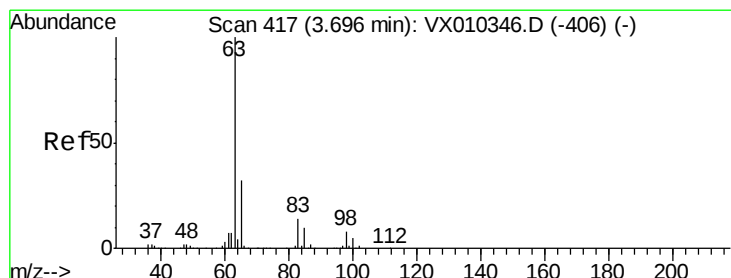
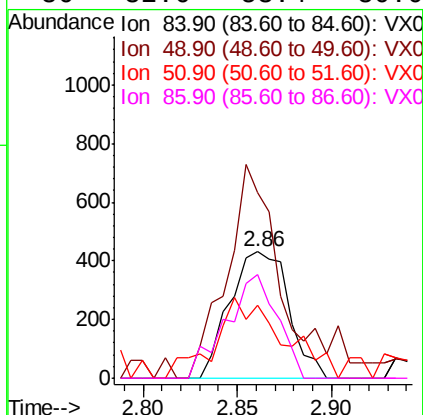
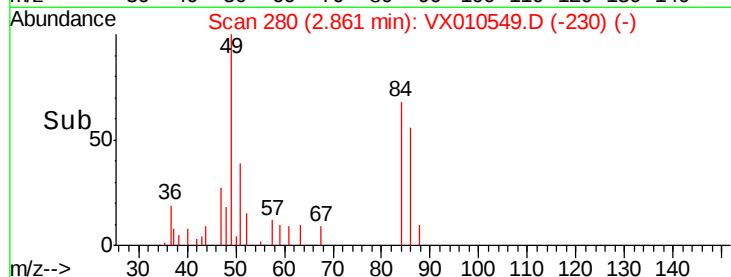
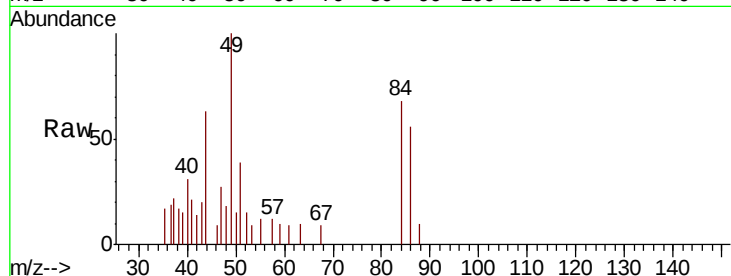




#20  
Methvlene Chloride  
Concen: 0.387 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

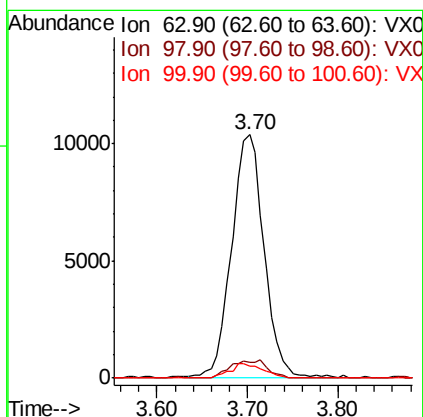
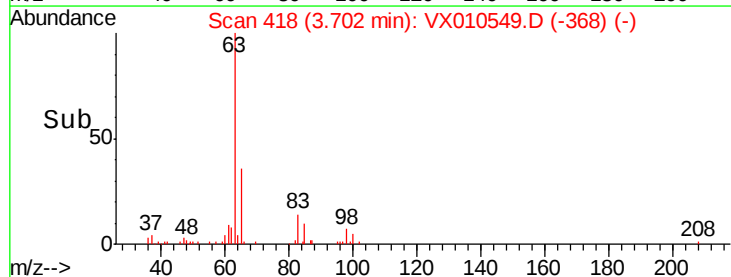
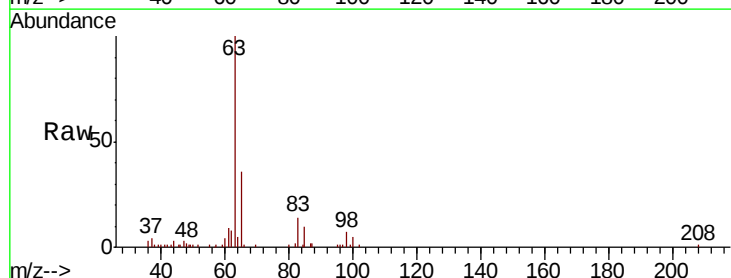
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW-12D

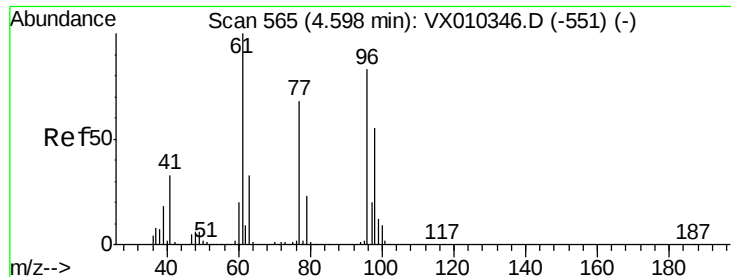
Tot Ion: 84 Resp: 936  
Ion Ratio Lower Upper  
84 100  
49 146.7 87.5 131.3#  
51 57.4 27.7 41.5#  
86 82.6 53.4 80.0#



#24  
1,1-Dichloroethane  
Concen: 6.968 ug/l  
RT: 3.70 min Scan# 418  
Delta R.T. 0.01 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

Tgt Ion: 63 Resp: 25900  
Ion Ratio Lower Upper  
63 100  
98 6.7 3.9 11.7  
100 4.8 2.4 7.1



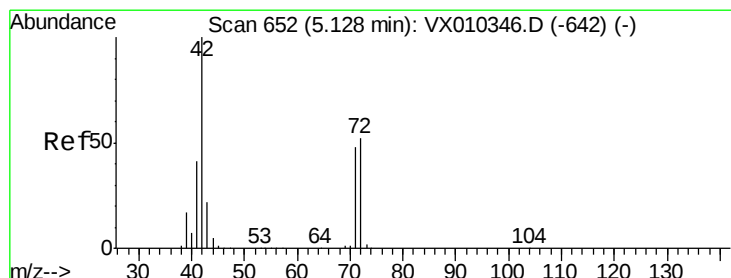
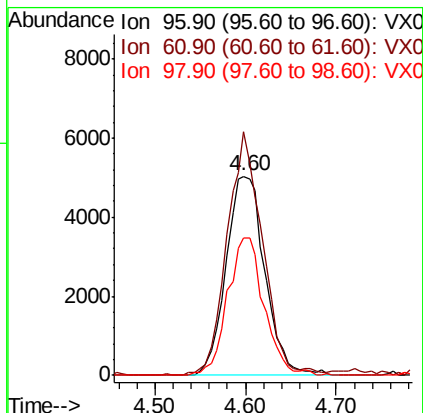
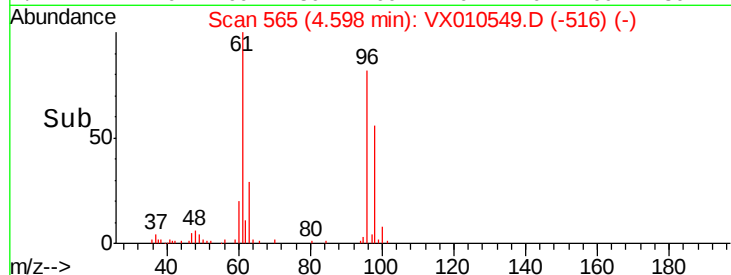
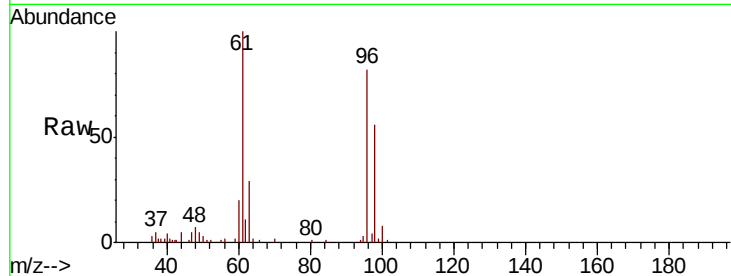


#27

cis-1,2-Dichloroethene  
 Concen: 5.537 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW-12D

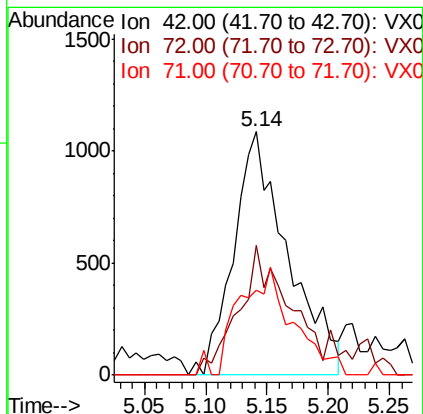
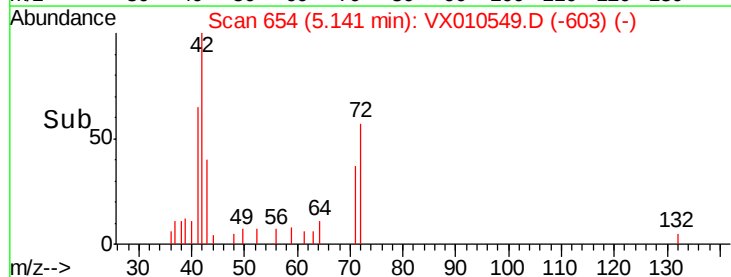
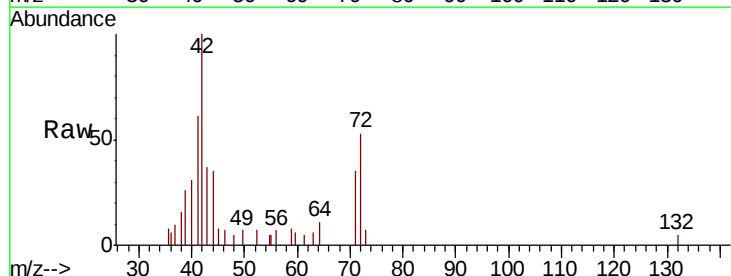
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 111.8 | 0.0   | 251.8 |
| 98      | 65.4  | 0.0   | 129.4 |

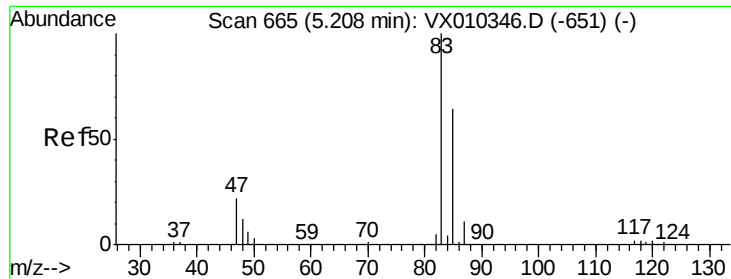


#29

Tetrahydrofuran  
 Concen: 3.142 ug/l  
 RT: 5.14 min Scan# 654  
 Delta R.T. 0.01 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 49.5  | 40.6  | 60.8  |
| 71      | 43.3  | 37.8  | 56.8  |

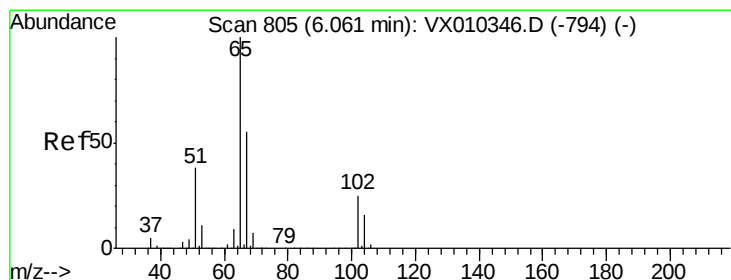
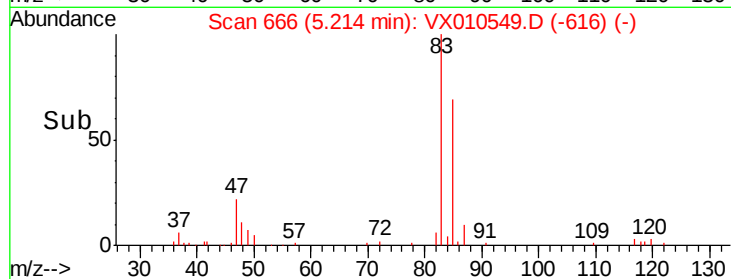
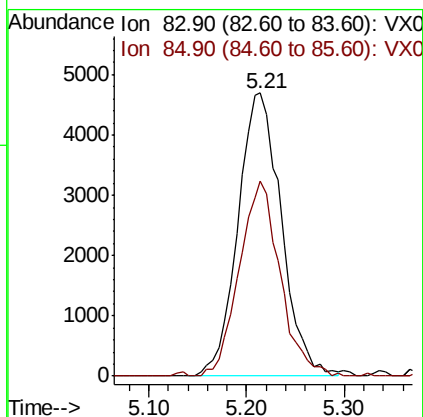
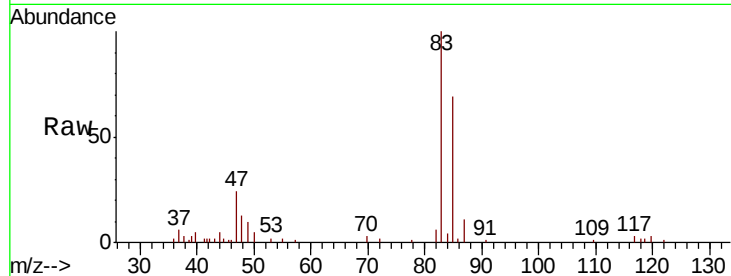




#30  
Chloroform  
Concen: 3.622 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.01 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

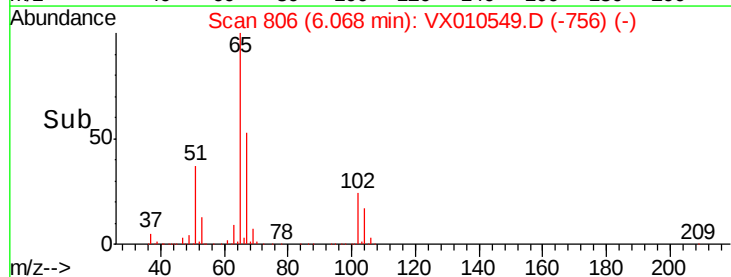
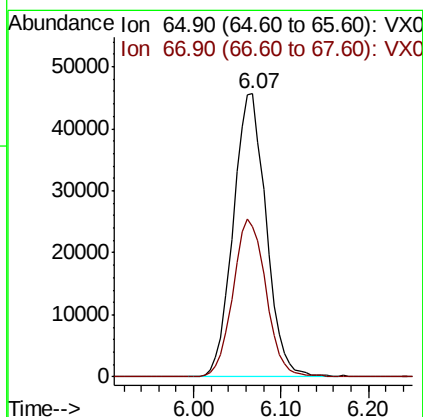
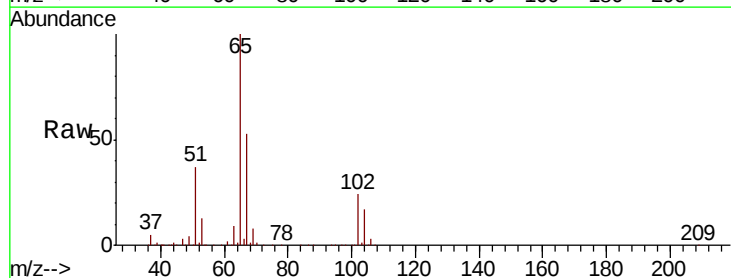
Instrument :  
MSVOA\_X  
ClientSampled :  
RW-12D

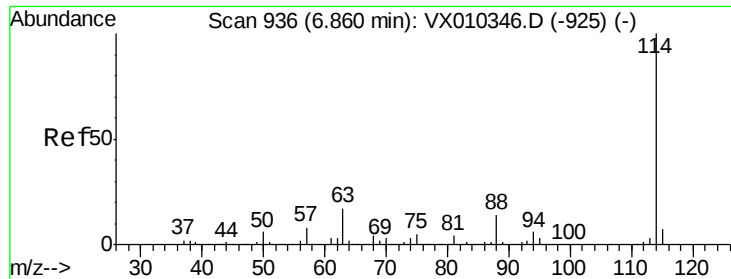
Tot Ion: 83 Resp: 14486  
Ion Ratio Lower Upper  
83 100  
85 68.9 50.9 76.3



#33  
1,2-Dichloroethane-d4  
Concen: 51.119 ug/l  
RT: 6.07 min Scan# 806  
Delta R.T. 0.01 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

Tgt Ion: 65 Resp: 119784  
Ion Ratio Lower Upper  
65 100  
67 55.6 0.0 110.2

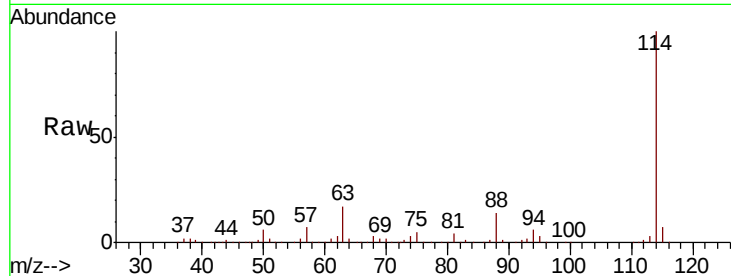




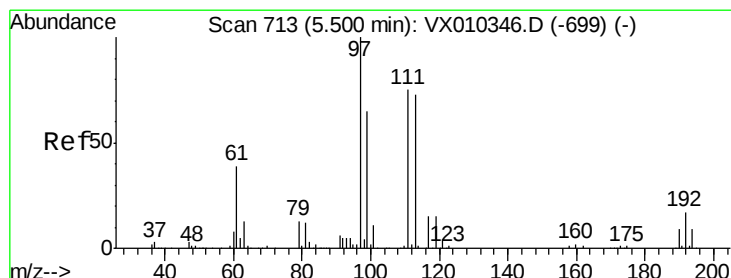
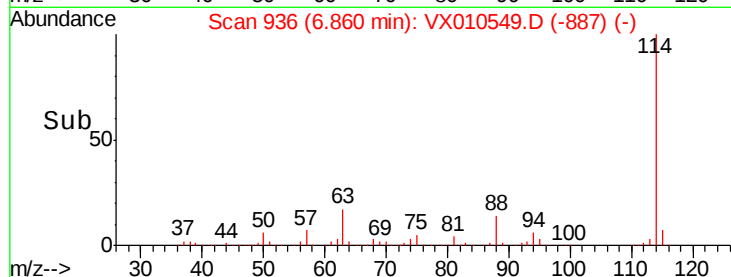
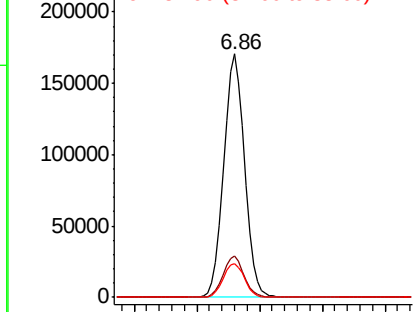
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW-12D

Tot Ion:114 Resp: 393276  
 Ion Ratio Lower Upper  
 114 100  
 63 17.0 0.0 33.8  
 88 14.0 0.0 27.6

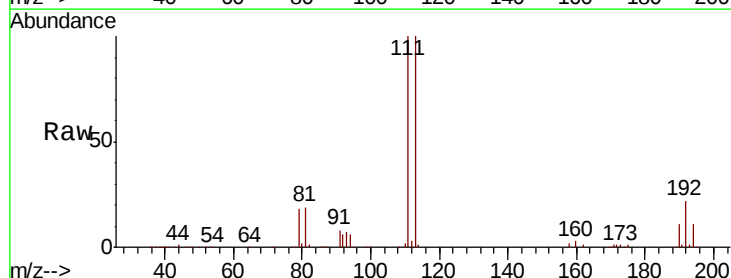


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX0  
 Ion 87.90 (87.60 to 88.60): VX0

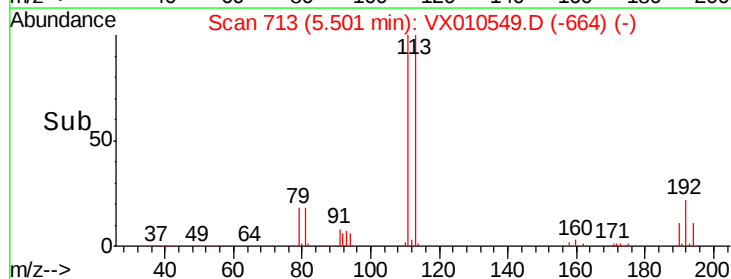
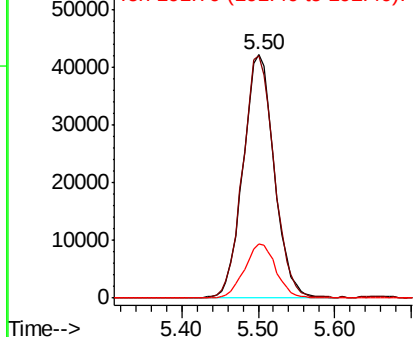


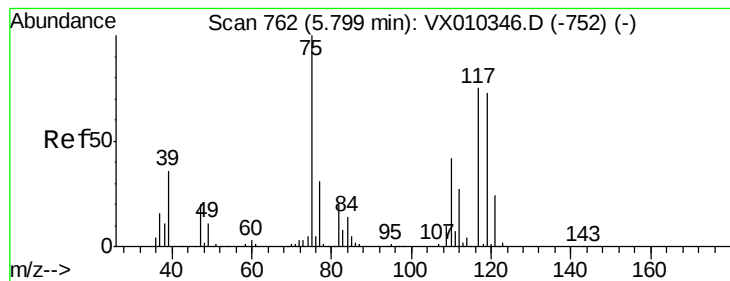
#35  
 Dibromofluoromethane  
 Concen: 49.630 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

Tgt Ion:113 Resp: 119420  
 Ion Ratio Lower Upper  
 113 100  
 111 99.8 81.2 121.8  
 192 22.5 18.6 27.8



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: 4.848 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

Instrument :

MSVOA\_X

ClientSampleId :

RW-12D

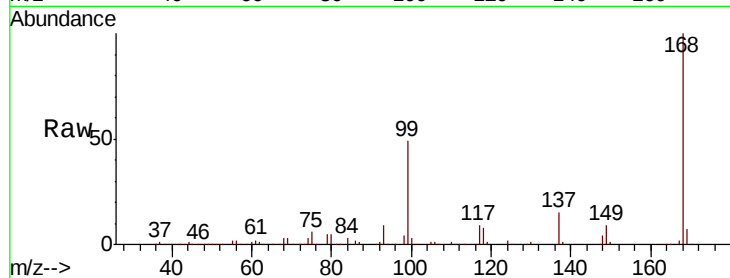
Tot Ion: 75 Resp: 15151

Ion Ratio Lower Upper

75 100

110 10.7 20.8 62.2#

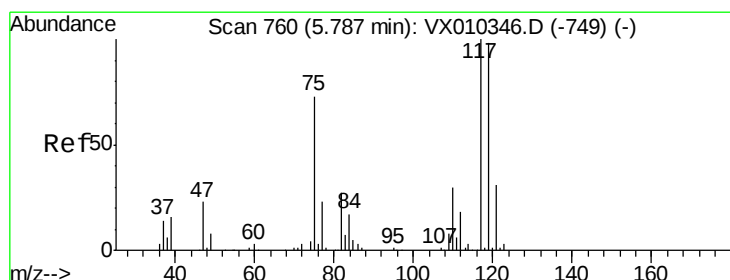
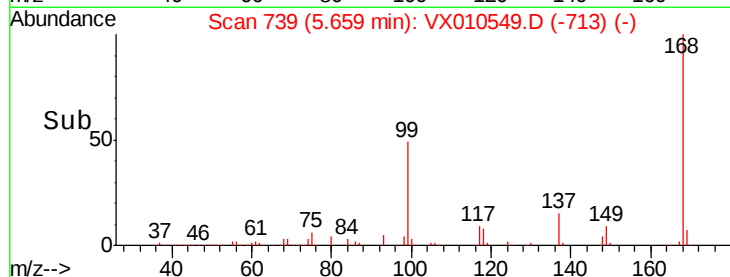
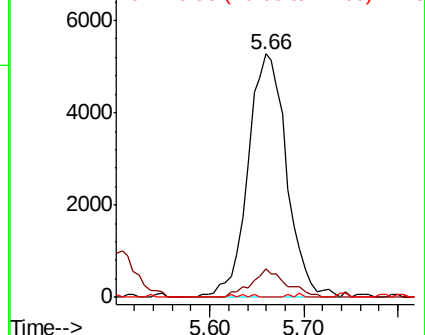
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.806 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

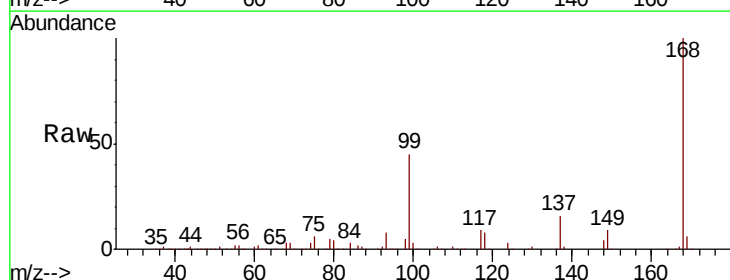
Tgt Ion: 117 Resp: 23031

Ion Ratio Lower Upper

117 100

119 3.3 78.2 117.4#

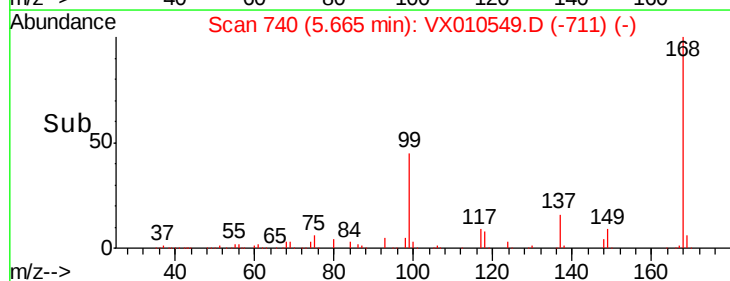
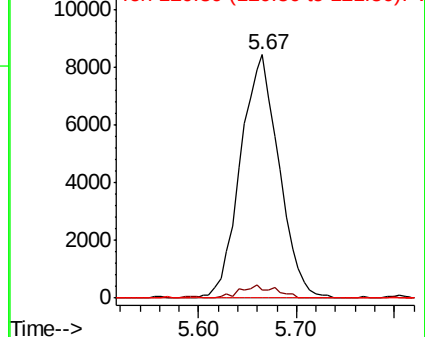
121 0.0 24.7 37.1#

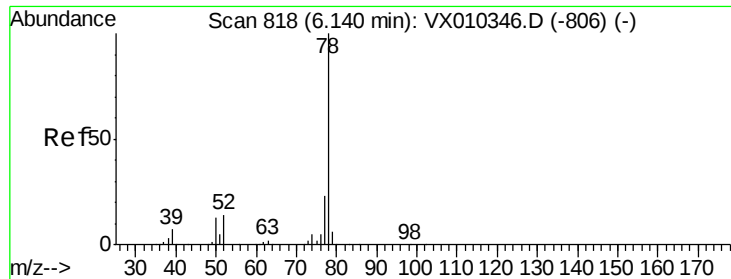


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.447 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

Instrument :

MSVOA\_X

ClientSampleId :

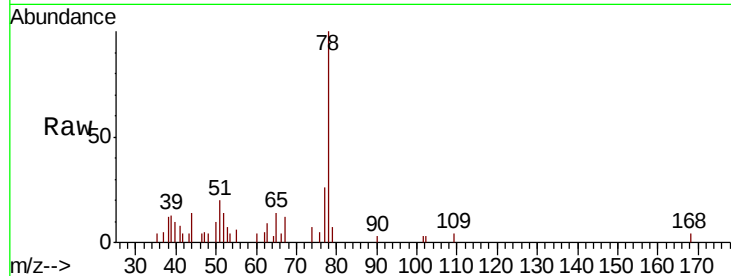
RW-12D

Tot Ion: 78 Resp: 4357

Ion Ratio Lower Upper

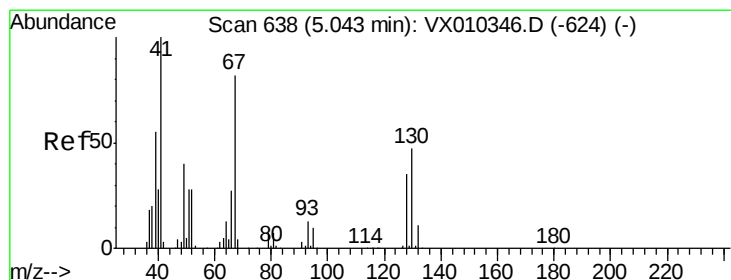
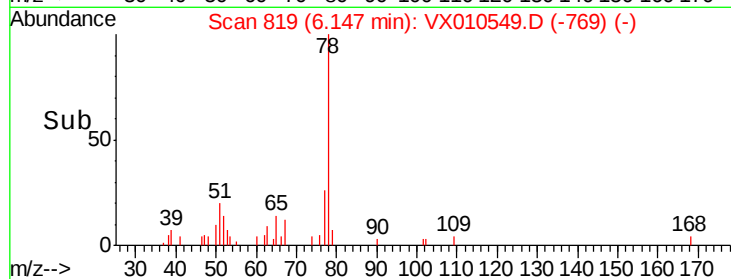
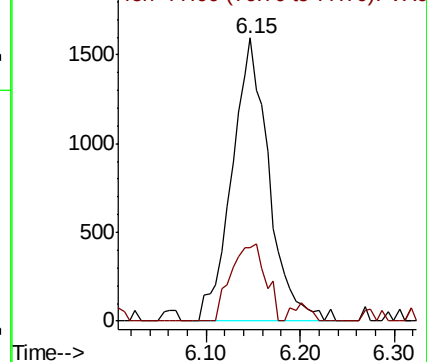
78 100

77 26.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.203 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.02 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

Tgt Ion: 41 Resp: 358

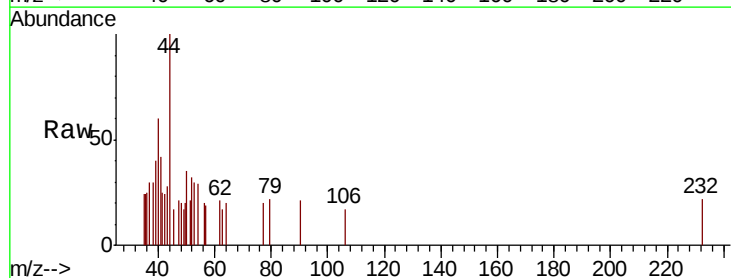
Ion Ratio Lower Upper

41 100

39 0.0 43.8 65.8#

67 0.0 66.6 100.0#

52 33.2 24.5 36.7

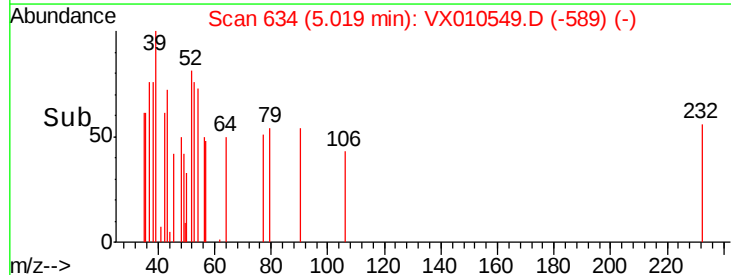
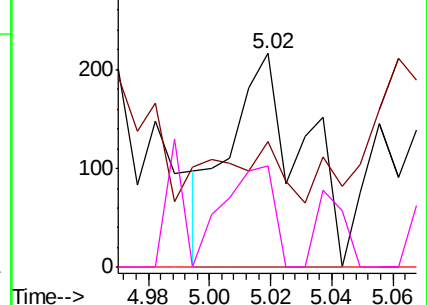


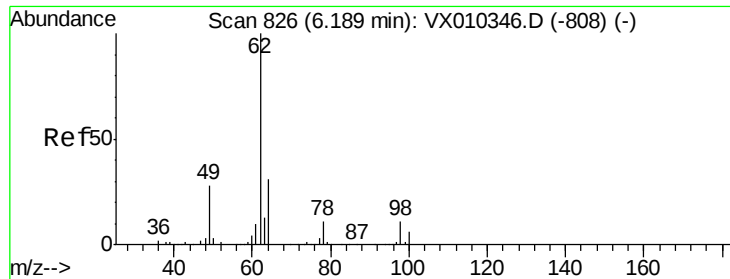
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 0.698 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

Instrument :

MSVOA\_X

ClientSampleId :

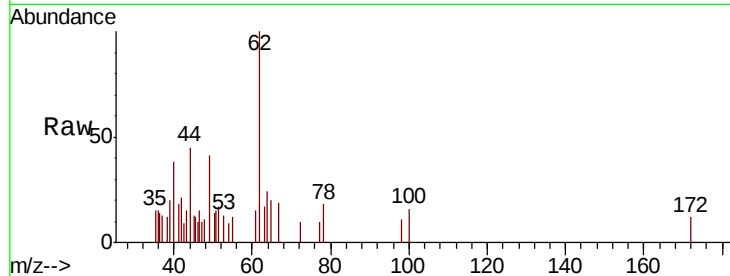
RW-12D

Tot Ion: 62 Resp: 2069

Ion Ratio Lower Upper

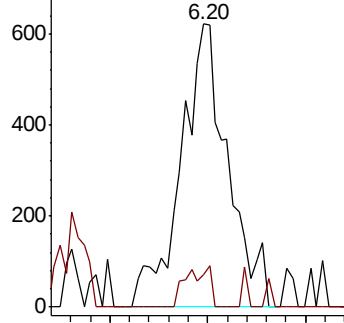
62 100

98 7.4 0.0 22.2

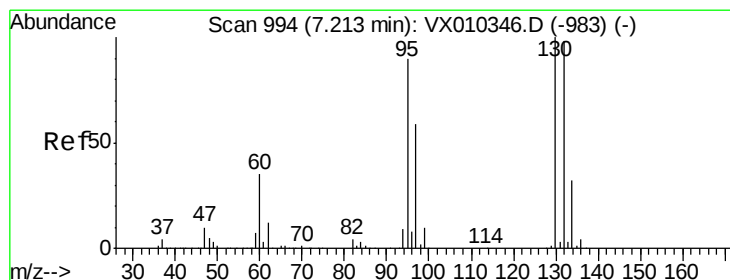
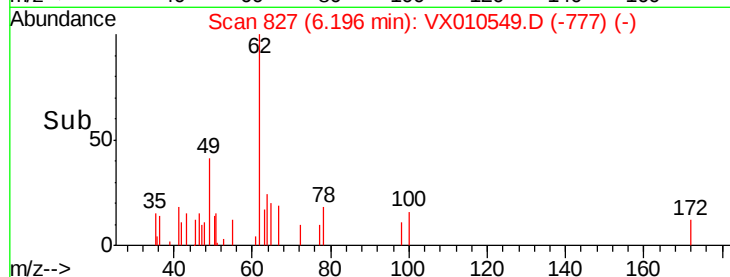


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#44

Trichloroethene

Concen: 0.904 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010549.D

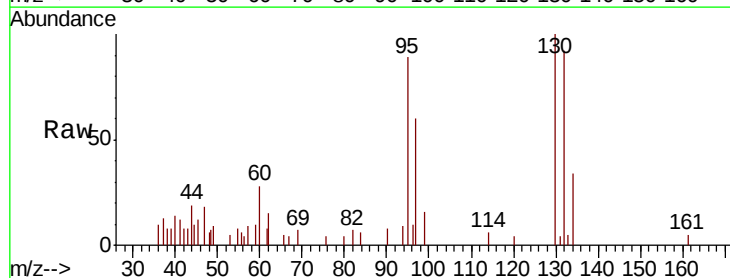
Acq: 28 Jun 2019 20:51

Tgt Ion:130 Resp: 2633

Ion Ratio Lower Upper

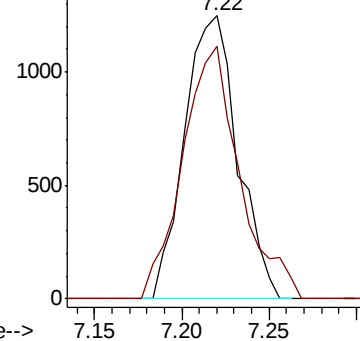
130 100

95 89.4 0.0 180.8

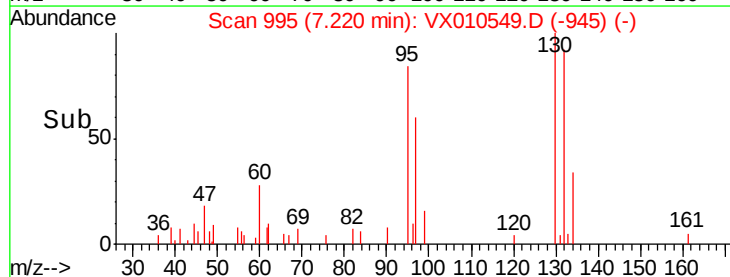


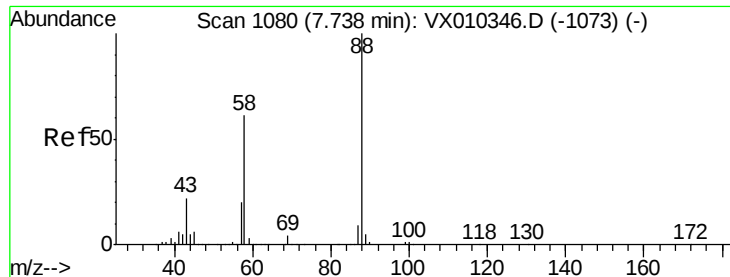
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->





#49

1,4-Dioxane

Concen: 25.679 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

Instrument :

MSVOA\_X

ClientSampleId :

RW-12D

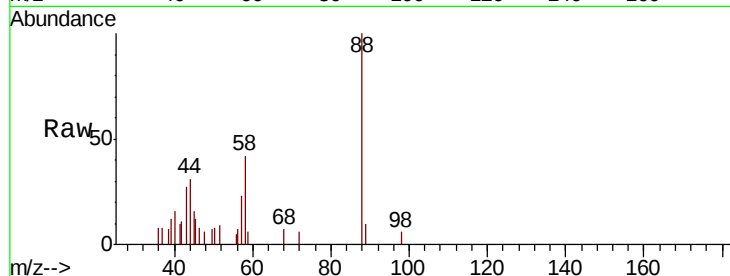
Tot Ion: 88 Resp: 1829

Ion Ratio Lower Upper

88 100

43 42.8 20.2 30.2#

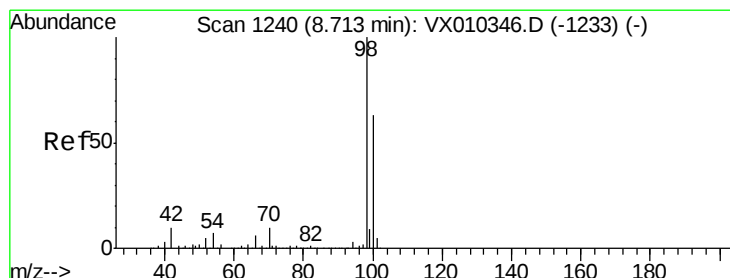
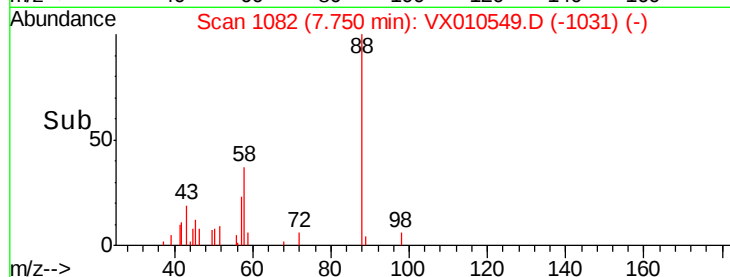
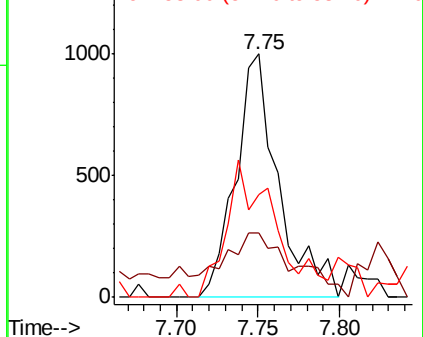
58 64.9 49.5 74.3



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: 49.998 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010549.D

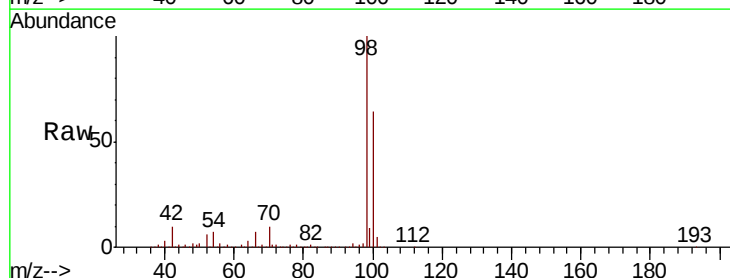
Acq: 28 Jun 2019 20:51

Tgt Ion: 98 Resp: 460267

Ion Ratio Lower Upper

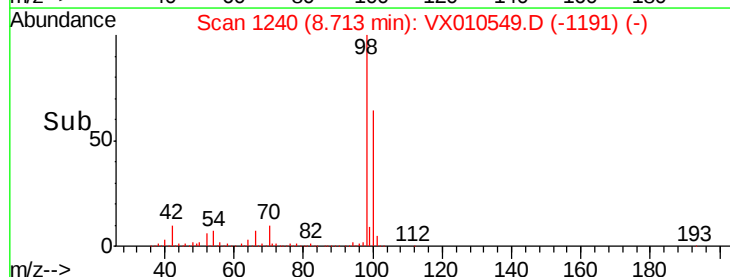
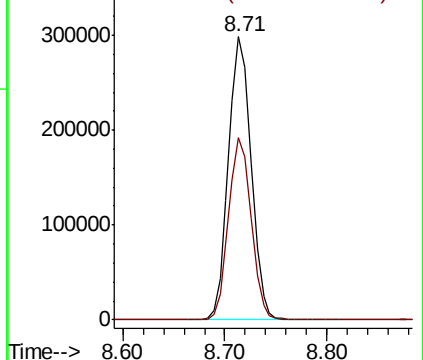
98 100

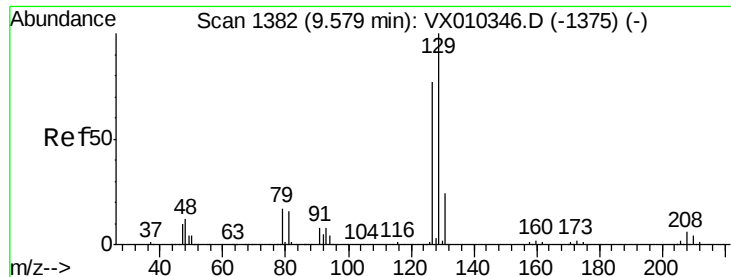
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.613 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

Instrument :

MSVOA\_X

ClientSampleId :

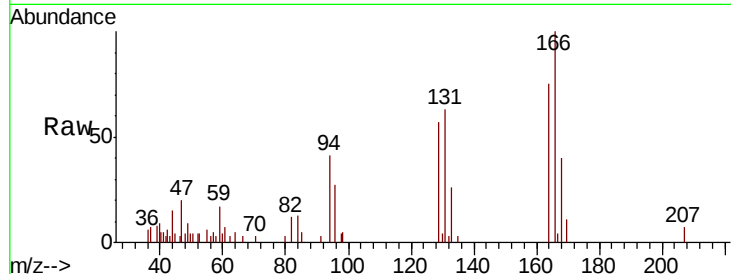
RW-12D

Tot Ion:129 Resp: 1816

Ion Ratio Lower Upper

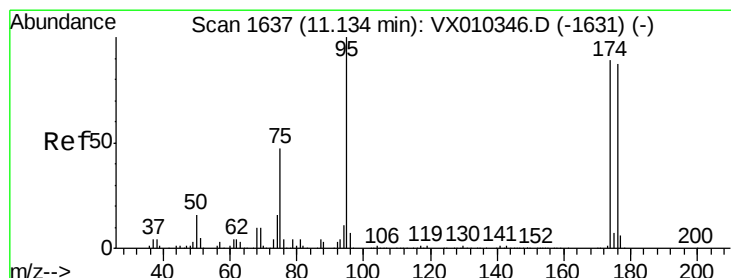
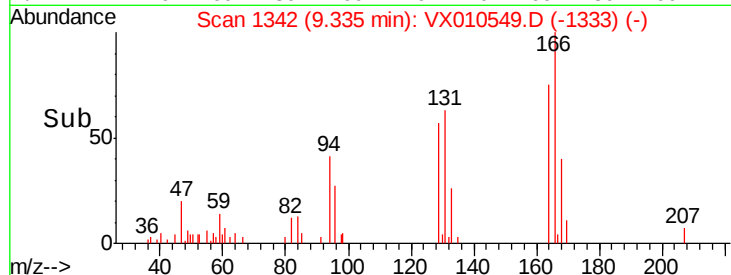
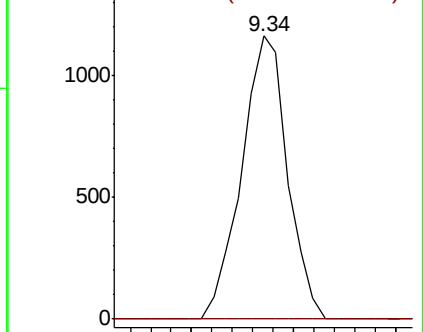
129 100

127 0.0 38.4 115.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.550 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010549.D

Acq: 28 Jun 2019 20:51

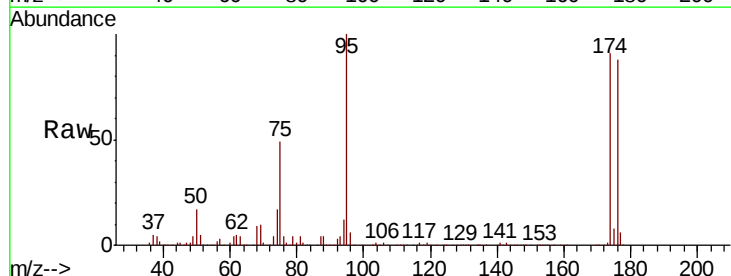
Tgt Ion: 95 Resp: 154708

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.6

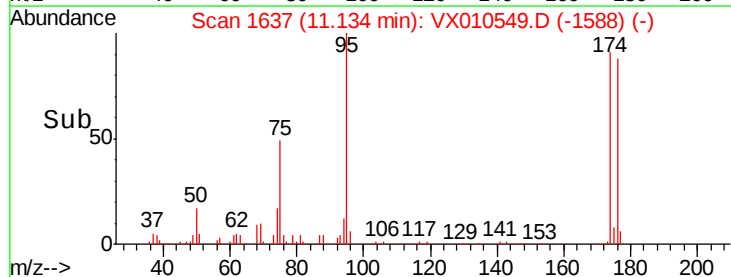
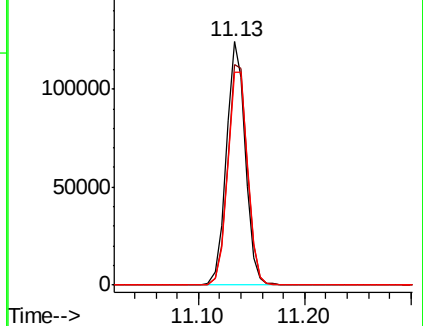
176 93.2 0.0 184.0

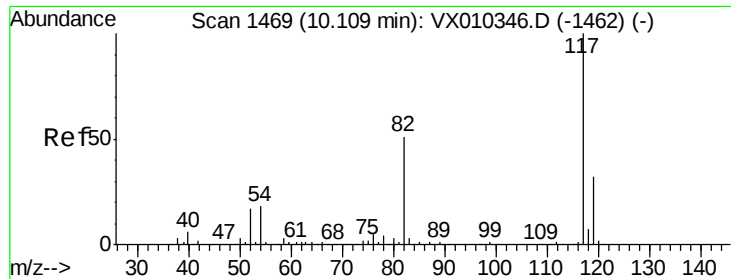


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

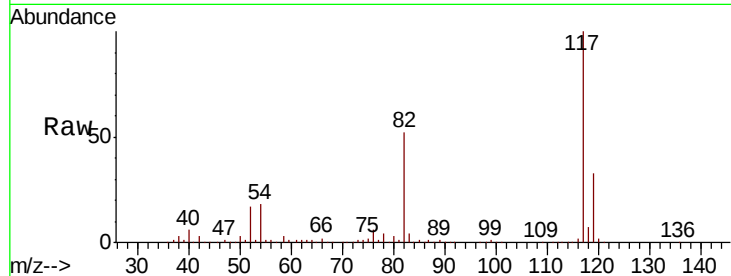




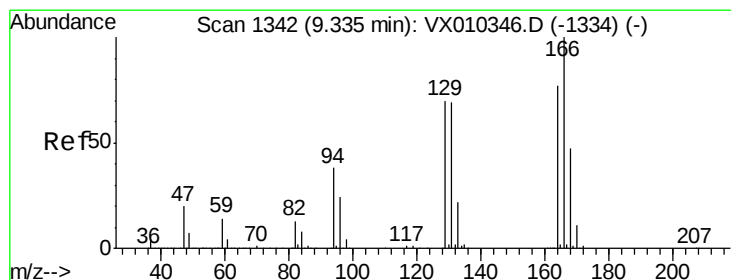
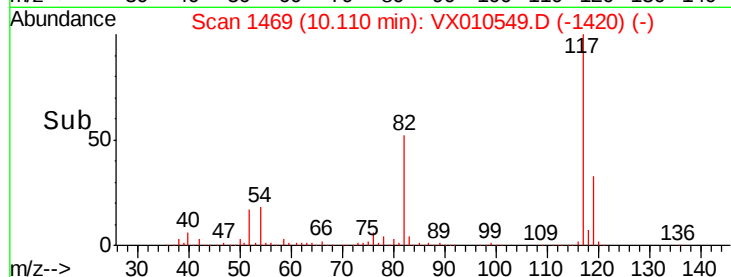
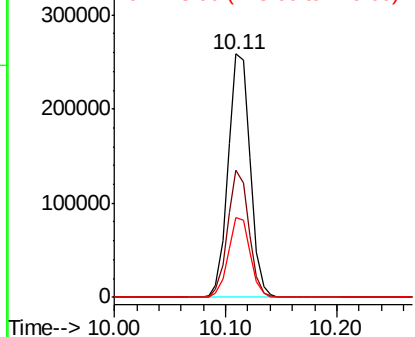
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW-12D

Tot Ion:117 Resp: 352824  
Ion Ratio Lower Upper  
117 100  
82 52.0 41.2 61.8  
119 32.9 25.5 38.3

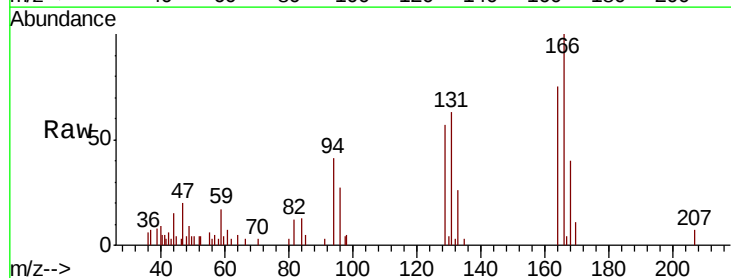


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

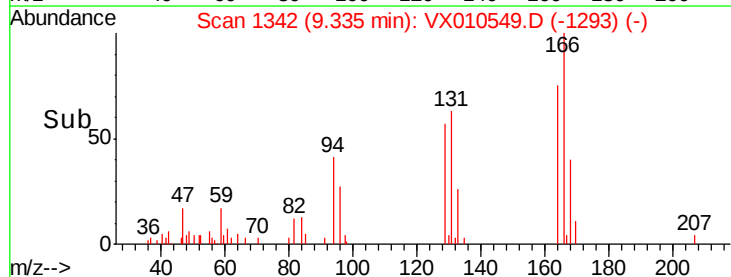
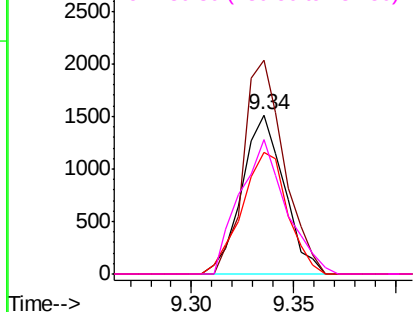


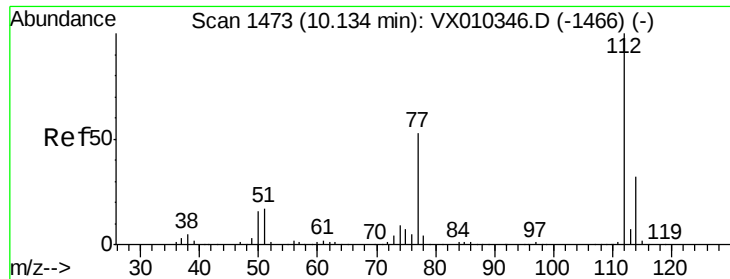
#64  
Tetrachloroethene  
Concen: 0.765 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

Tgt Ion:164 Resp: 2183  
Ion Ratio Lower Upper  
164 100  
166 134.0 103.6 155.4  
129 76.7 73.0 109.4  
131 84.6 71.0 106.4



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

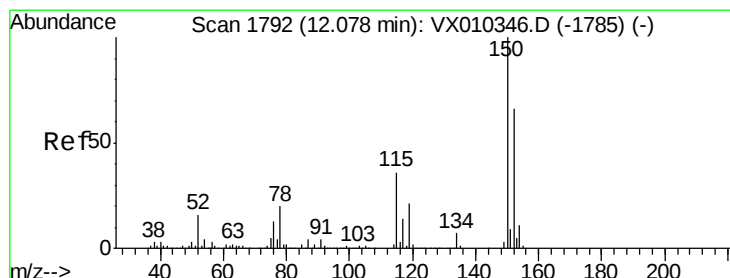
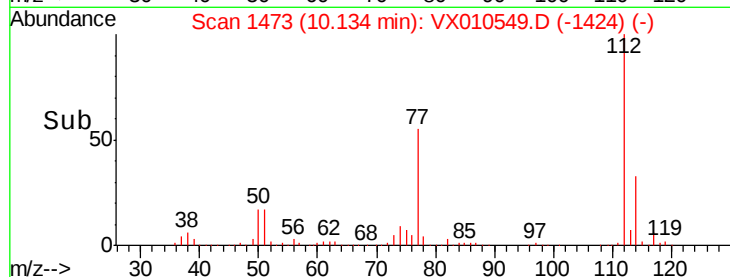
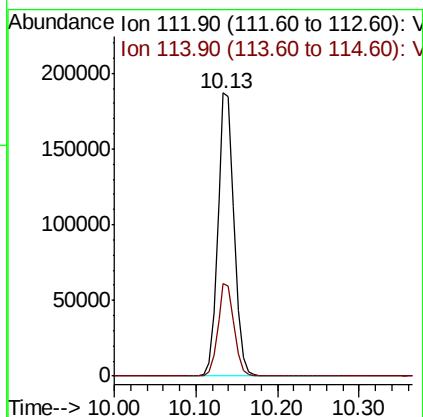
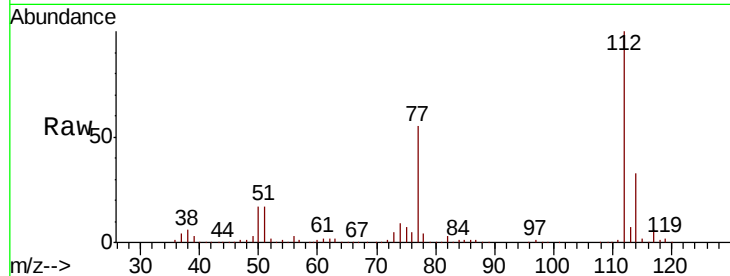




#65  
Chlorobenzene  
Concen: 36.531 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

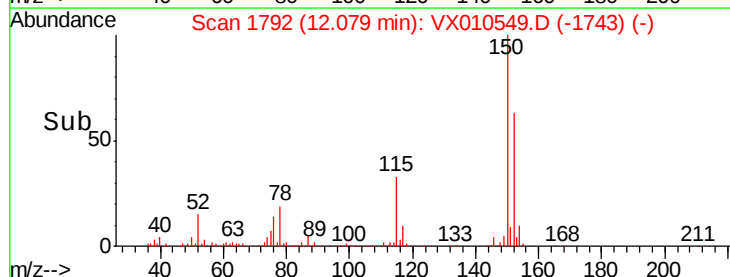
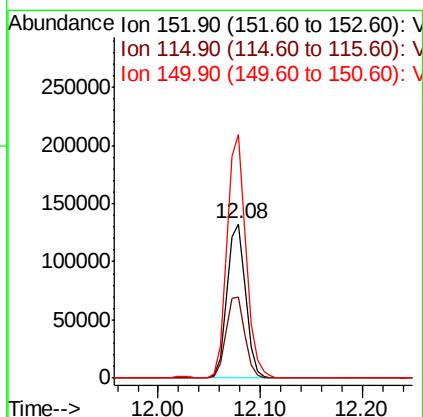
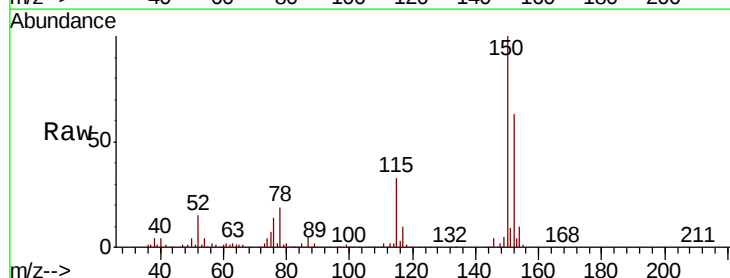
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW-12D

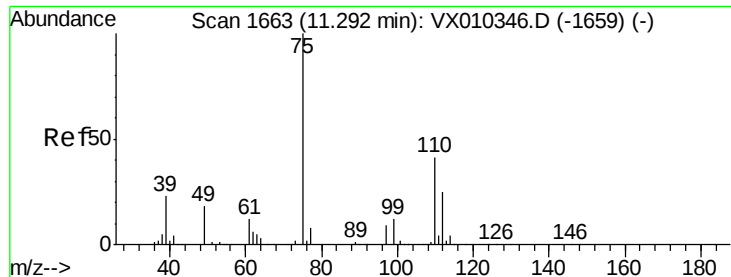
Tot Ion:112 Resp: 261674  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

Tgt Ion:152 Resp: 165265  
Ion Ratio Lower Upper  
152 100  
115 53.7 38.6 115.7  
150 160.8 0.0 347.4

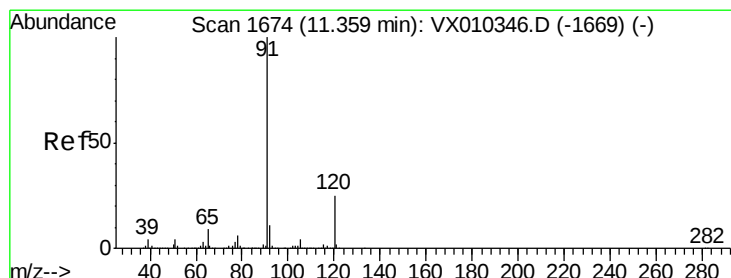
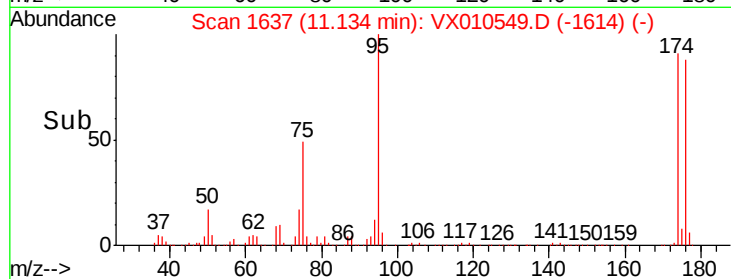
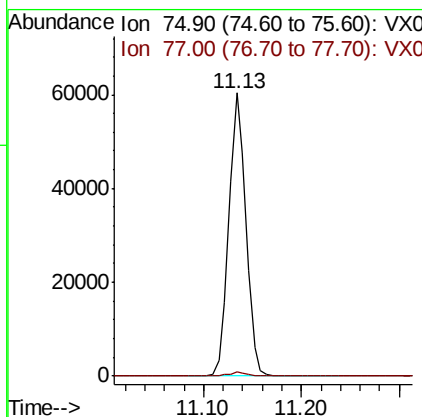
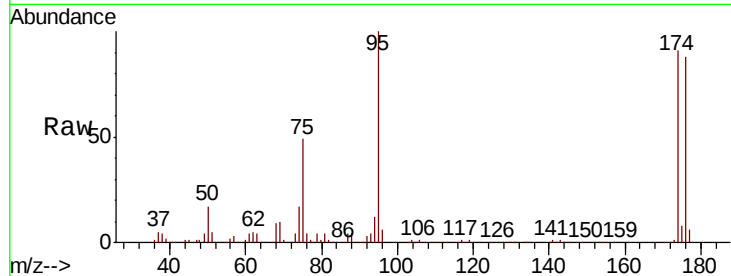




#76  
1,2,3-Trichloropropane  
Concen: 24.430 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.16 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

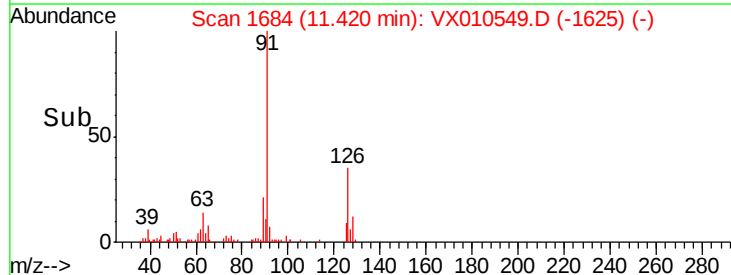
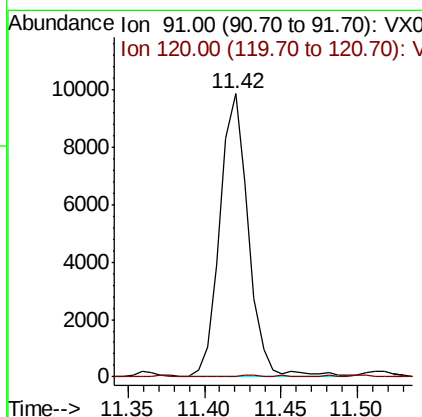
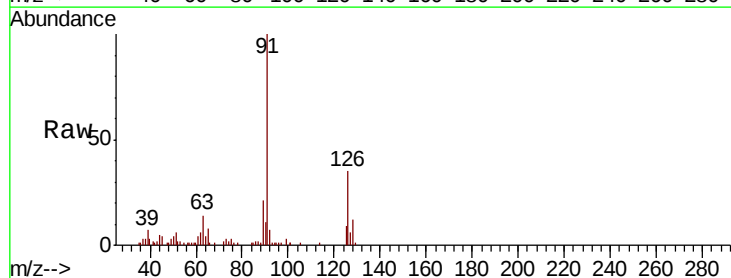
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW-12D

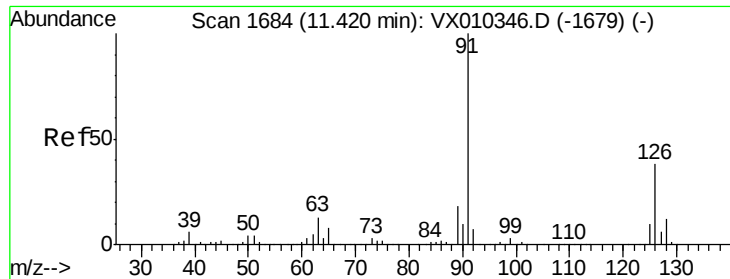
Tot Ion: 75 Resp: 73572  
Ion Ratio Lower Upper  
75 100  
77 1.5 22.6 67.8#



#78  
n-propylbenzene  
Concen: 1.038 ug/l  
RT: 11.42 min Scan# 1684  
Delta R.T. 0.06 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

Tgt Ion: 91 Resp: 12785  
Ion Ratio Lower Upper  
91 100  
120 0.3 12.4 37.4#

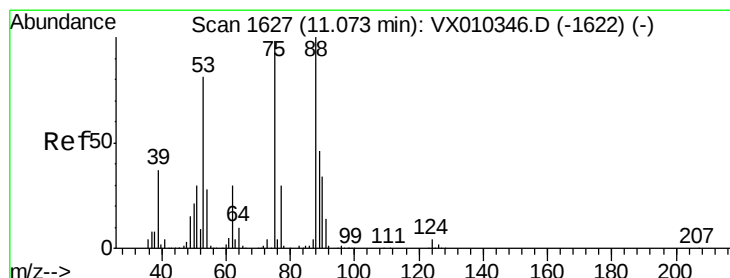
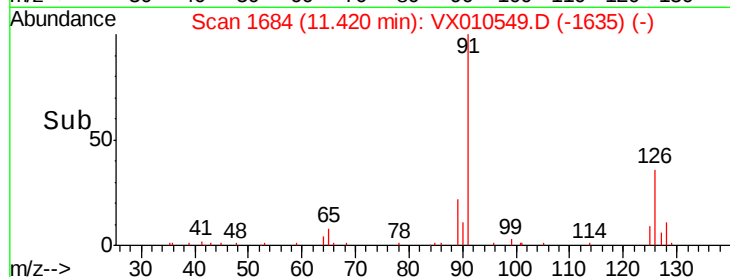
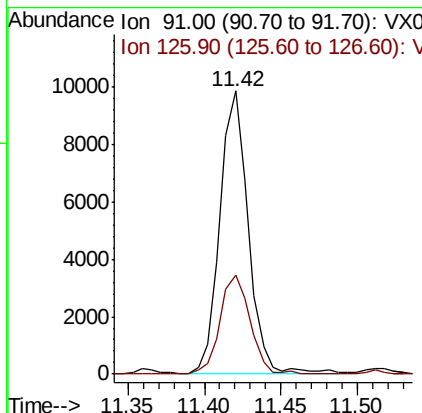
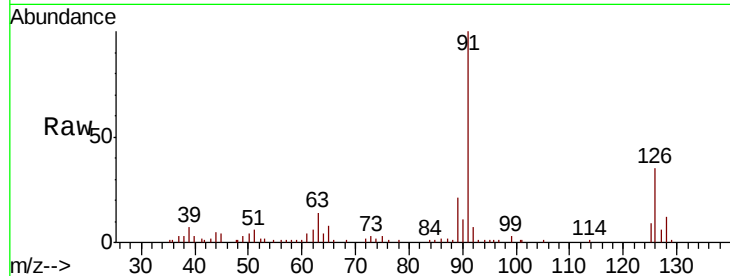




#79  
 2-Chlorotoluene  
 Concen: 1.744 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

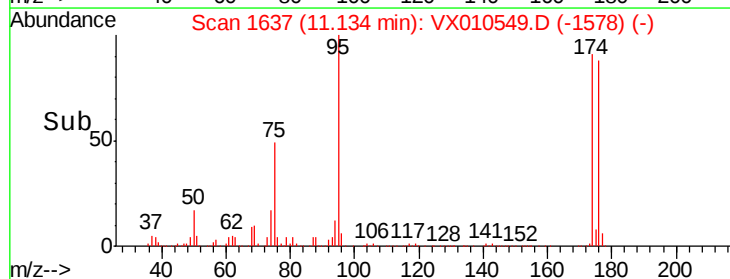
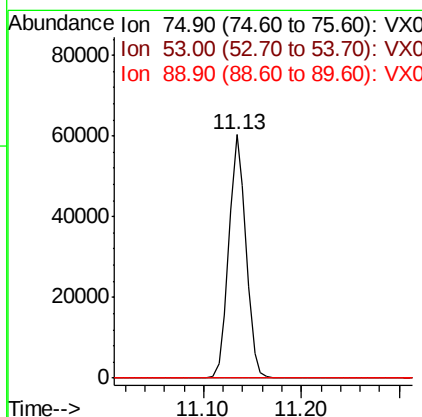
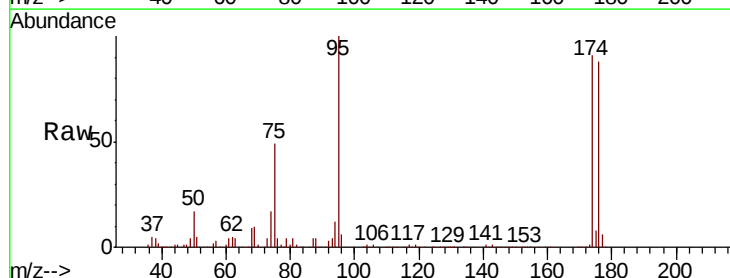
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 RW-12D

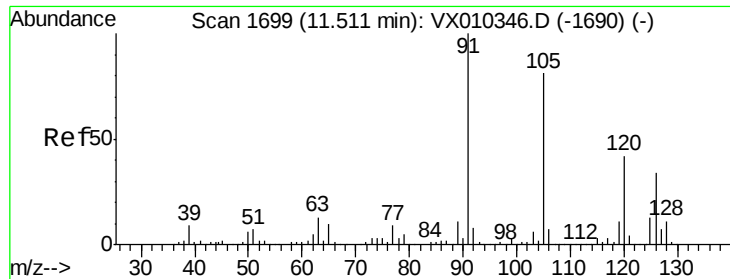
Tot Ion: 91 Resp: 12785  
 Ion Ratio Lower Upper  
 91 100  
 126 36.9 18.7 56.1



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 56.992 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.06 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

Tgt Ion: 75 Resp: 73572  
 Ion Ratio Lower Upper  
 75 100  
 53 0.2 66.1 99.1#  
 89 0.0 37.8 56.6#

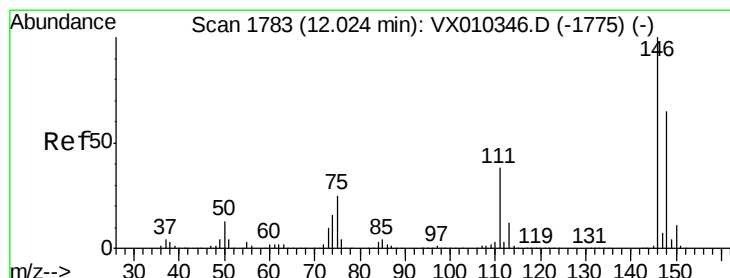
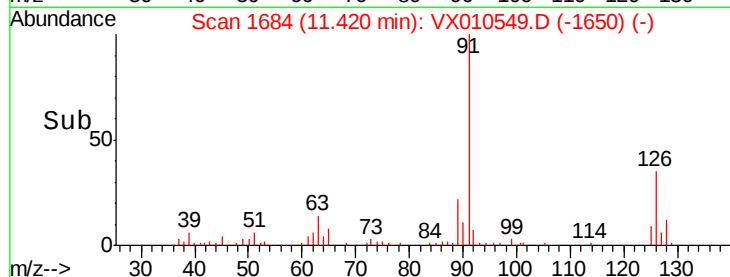
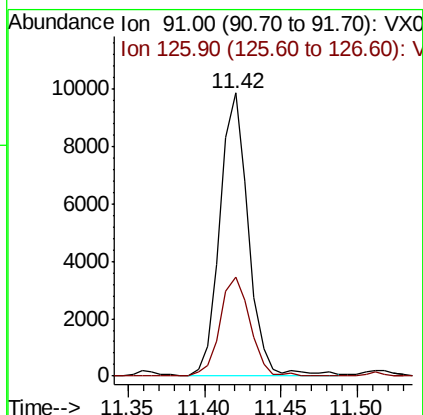
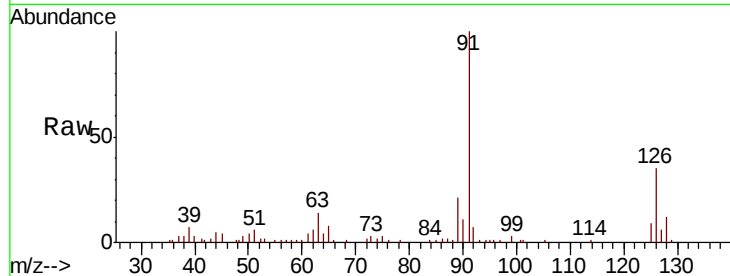




#82  
4-Chlorotoluene  
Concen: 1.532 ug/l  
RT: 11.42 min Scan# 1684  
Delta R.T. -0.09 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

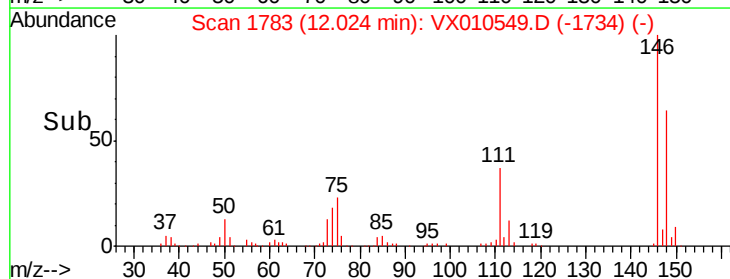
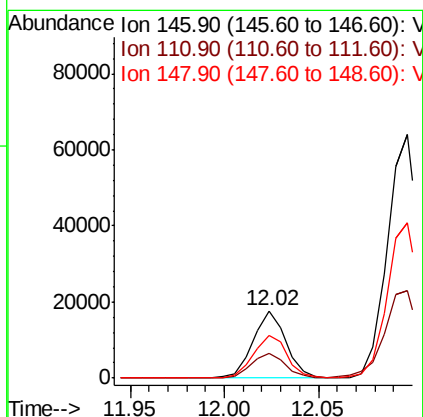
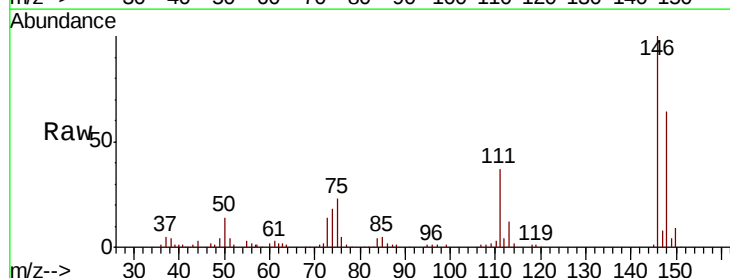
Instrument :  
MSVOA\_X  
ClientSampled :  
RW-12D

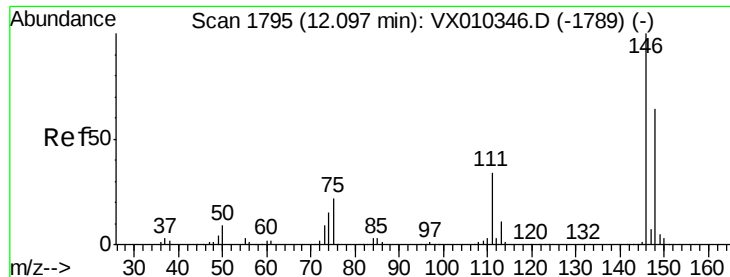
Tot Ion: 91 Resp: 12785  
Ion Ratio Lower Upper  
91 100  
126 36.9 16.2 48.6



#87  
1,3-Dichlorobenzene  
Concen: 3.917 ug/l  
RT: 12.02 min Scan# 1783  
Delta R.T. 0.00 min  
Lab File: VX010549.D  
Acq: 28 Jun 2019 20:51

Tgt Ion: 146 Resp: 21387  
Ion Ratio Lower Upper  
146 100  
111 38.1 19.1 57.1  
148 65.1 32.5 97.4

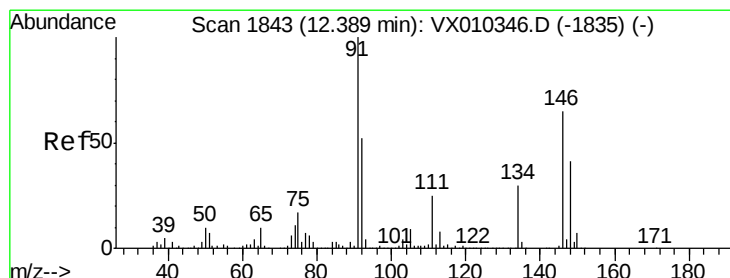
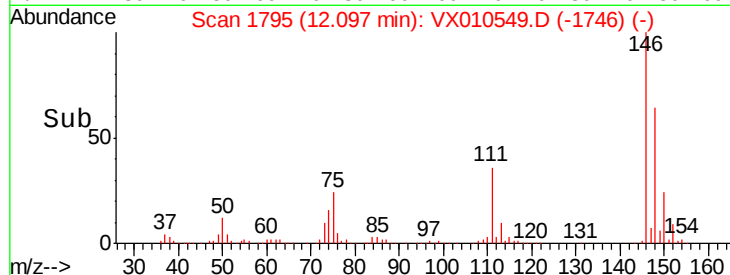
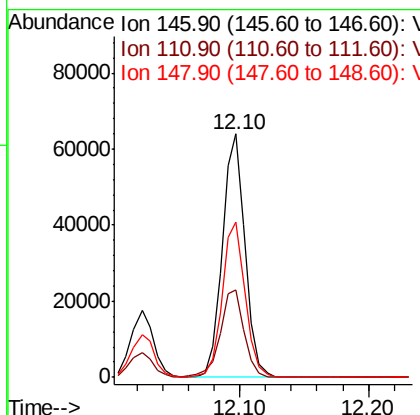
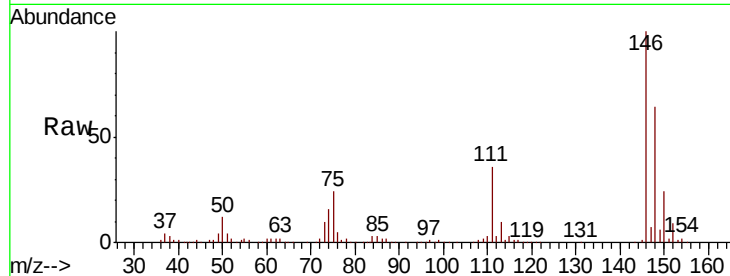




#88  
 1,4-Dichlorobenzene  
 Concen: 14.239 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW-12D

Tot Ion:146 Resp: 79154  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 18.1 54.3  
 148 64.9 32.1 96.3



#91  
 1,2-Dichlorobenzene  
 Concen: 9.316 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX010549.D  
 Acq: 28 Jun 2019 20:51

Tgt Ion:146 Resp: 50559  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 19.2 57.6  
 148 63.4 32.0 96.0

