

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\  
 Data File : VX010511.D  
 Acq On : 28 Jun 2019 01:50  
 Operator : JC/SP  
 Sample : K3507-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 28 06:55:33 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  | 251403   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 381482   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 357857   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 168816   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 118301   | 50.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.38% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 116265   | 49.81 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.62%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 458458   | 51.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.68% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 156615   | 48.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.16%  |          |

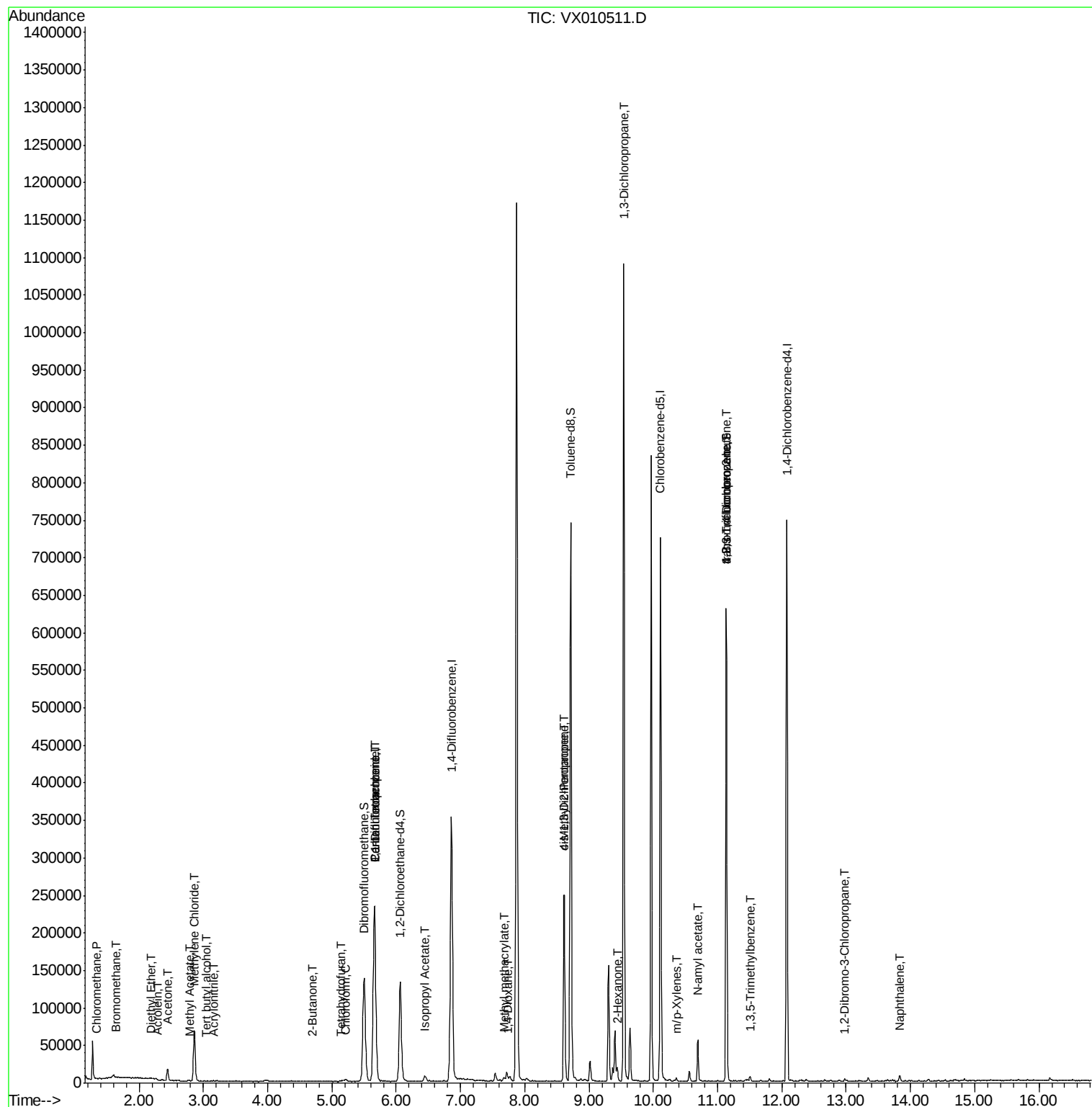
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 3) Chloromethane               | 1.34  | 50   | 497      | 0.244  | ug/l # | 42     |
| 5) Bromomethane                | 1.65  | 94   | 537      | 0.494  | ug/l # | 62     |
| 8) Diethyl Ether               | 2.18  | 74   | 428      | 0.338  | ug/l   | 95     |
| 11) Tert butyl alcohol         | 3.04  | 59   | 499      | 0.809  | ug/l   | 100    |
| 13) Acrolein                   | 2.29  | 56   | 373      | 0.912  | ug/l # | 53     |
| 15) Acrylonitrile              | 3.15  | 53   | 277      | 0.227  | ug/l # | 48     |
| 16) Acetone                    | 2.44  | 43   | 17287    | 14.633 | ug/l   | 96     |
| 18) Methyl Acetate             | 2.78  | 43   | 2155     | 0.915  | ug/l # | 78     |
| 20) Methylene Chloride         | 2.86  | 84   | 34967    | 14.383 | ug/l   | 95     |
| 25) 2-Butanone                 | 4.70  | 43   | 1198     | 0.691  | ug/l # | 78     |
| 29) Tetrahydrofuran            | 5.13  | 42   | 860      | 0.801  | ug/l # | 53     |
| 30) Chloroform                 | 5.21  | 83   | 2786     | 0.693  | ug/l # | 77     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 15095    | 4.979  | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 21471    | 6.541  | ug/l # | 15     |
| 43) Isopropyl Acetate          | 6.45  | 43   | 10765    | 2.086  | ug/l   | 94     |
| 48) Methyl methacrylate        | 7.68  | 41   | 5982     | 2.494  | ug/l # | 10     |
| 49) 1,4-Dioxane                | 7.74  | 88   | 21       | 0.304  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43   | 79255    | 24.017 | ug/l # | 47     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 44150    | 11.555 | ug/l # | 60     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 10239    | 2.571  | ug/l # | 44     |
| 59) 2-Hexanone                 | 9.44  | 43   | 10733    | 4.133  | ug/l # | 22     |
| 68) m/p-Xylenes                | 10.36 | 106  | 1063     | 0.224  | ug/l   | 93     |
| 74) N-amyl acetate             | 10.69 | 43   | 12092    | 2.796  | ug/l # | 53     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 73080    | 23.756 | ug/l # | 33     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 2955     | 0.313  | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 73080    | 55.420 | ug/l # | 16     |
| 92) 1,2-Dibromo-3-Chloropropan | 12.97 | 75   | 172      | 0.210  | ug/l # | 1      |
| 95) Naphthalene                | 13.83 | 128  | 4776     | 0.404  | ug/l # | 93     |

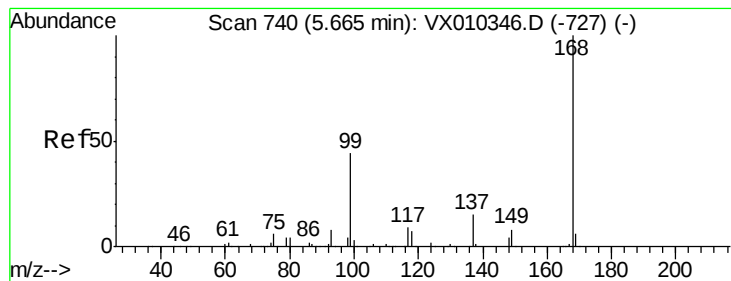
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\  
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Instrument :  
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ClientSampleId :

Quant Time: Jun 28 06:55:33 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: VX010511.D

Acq: 28 Jun 2019 01:50

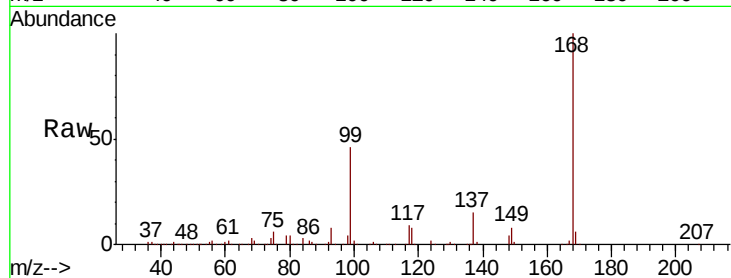
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:168 Resp: 251403

Ion Ratio Lower Upper

168 100

99 45.8 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

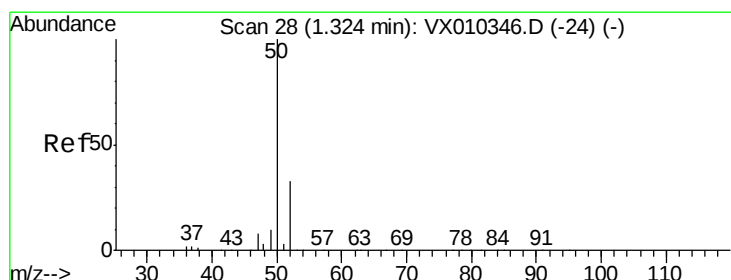
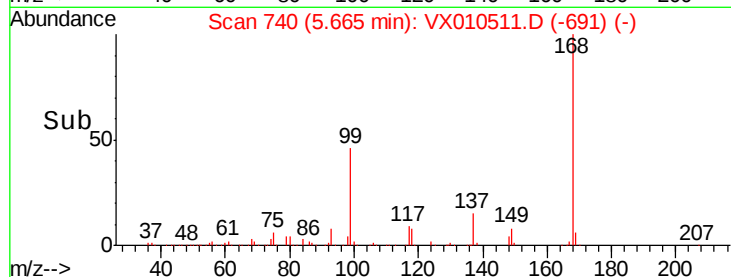
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.244 ug/l

RT: 1.34 min Scan# 31

Delta R.T. 0.02 min

Lab File: VX010511.D

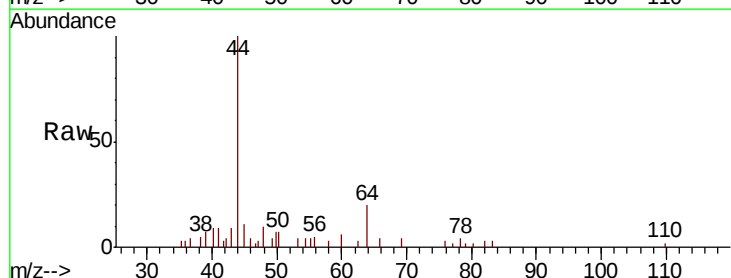
Acq: 28 Jun 2019 01:50

Tgt Ion: 50 Resp: 497

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1000

800

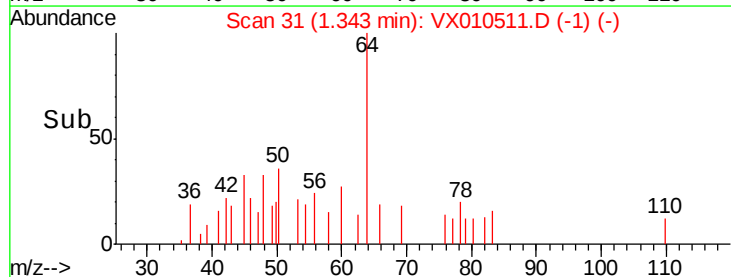
600

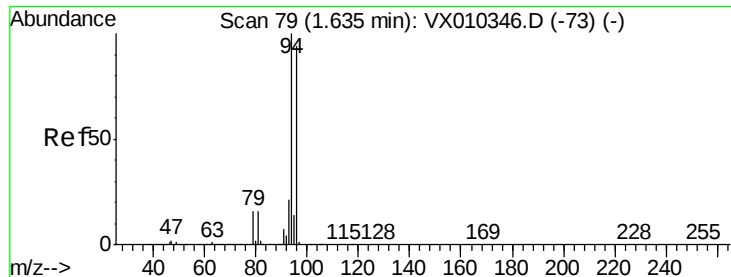
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.494 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

Instrument :

MSVOA\_X

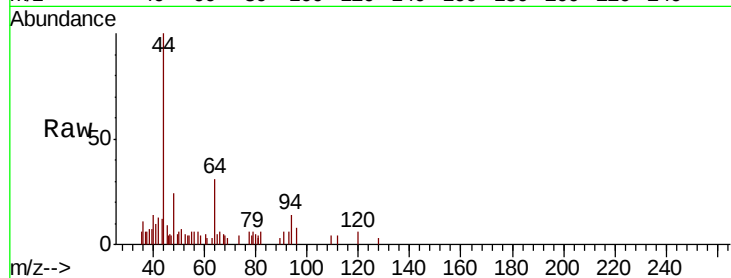
ClientSampleId :

Tot Ion: 94 Resp: 537

Ion Ratio Lower Upper

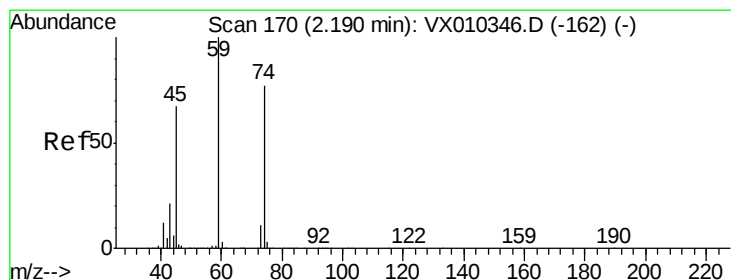
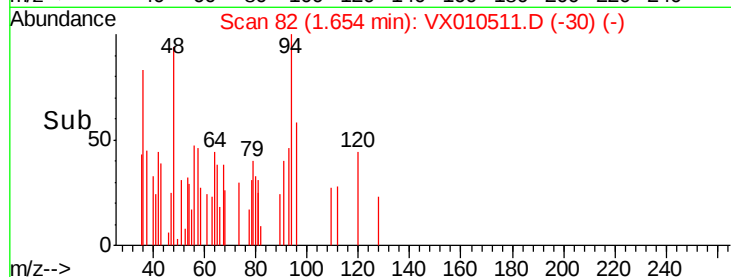
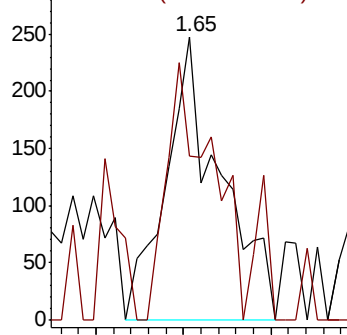
94 100

96 57.7 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 0.338 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX010511.D

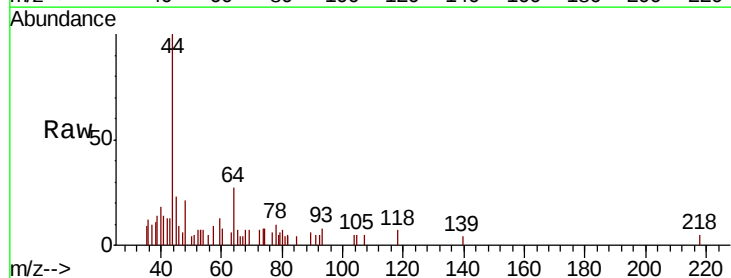
Acq: 28 Jun 2019 01:50

Tgt Ion: 74 Resp: 428

Ion Ratio Lower Upper

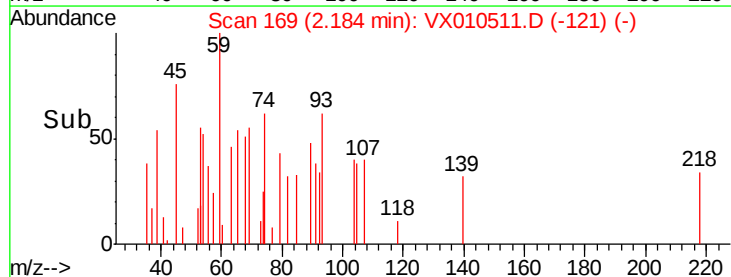
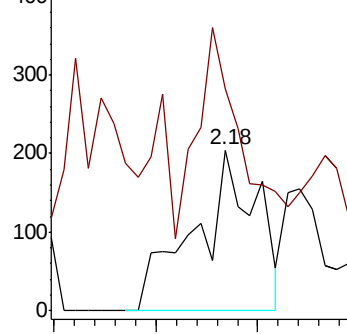
74 100

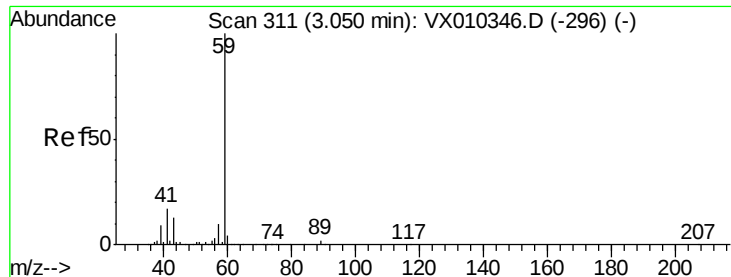
45 94.2 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

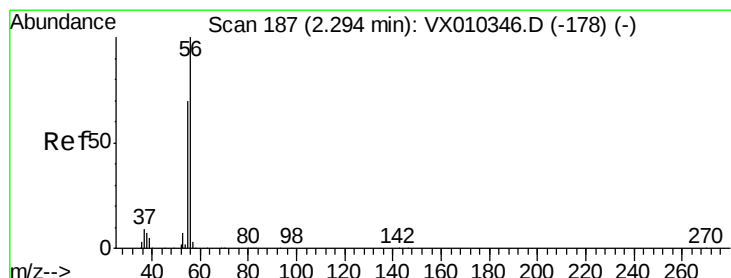
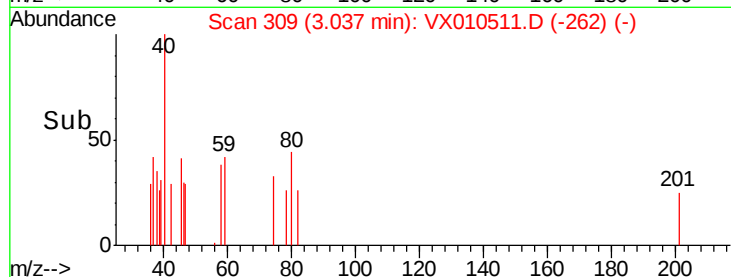
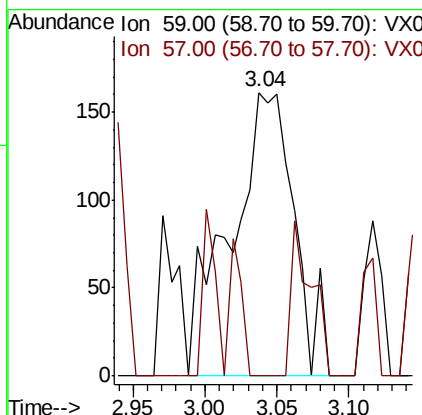
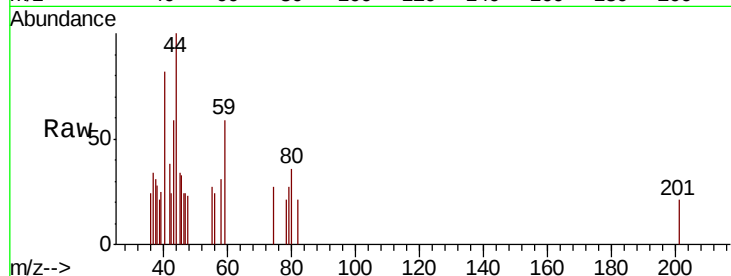




#11  
Tert butvl alcohol  
Concen: 0.809 ug/l  
RT: 3.04 min Scan# 309  
Delta R.T. -0.01 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

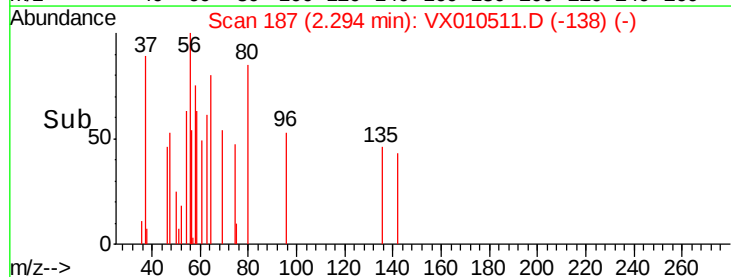
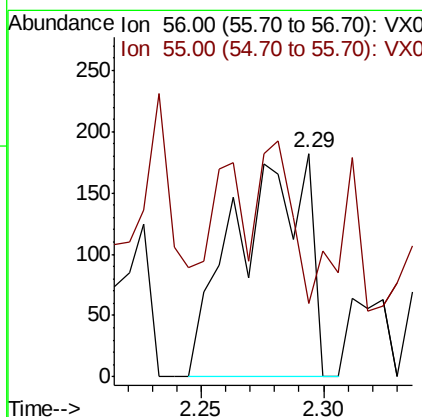
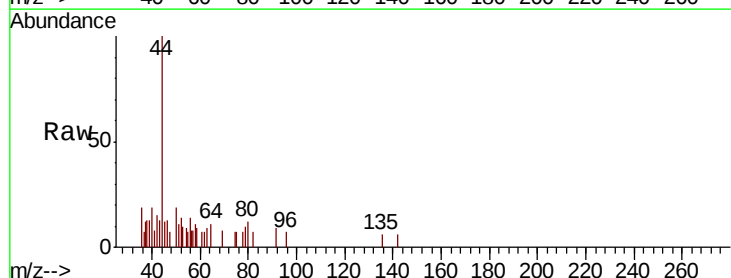
Instrument :  
MSVOA\_X  
ClientSampleId :

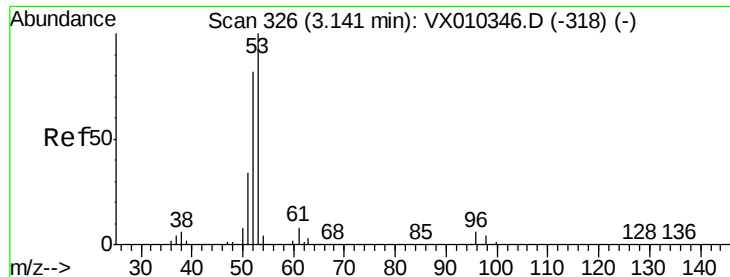
Tot Ion: 59 Resp: 499  
Ion Ratio Lower Upper  
59 100  
57 9.6 7.7 11.5



#13  
Acrolein  
Concen: 0.912 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

Tgt Ion: 56 Resp: 373  
Ion Ratio Lower Upper  
56 100  
55 31.9 56.9 85.3#





#15

Acrylonitrile

Concen: 0.227 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :

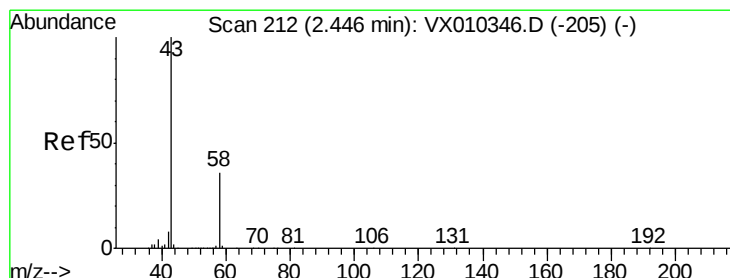
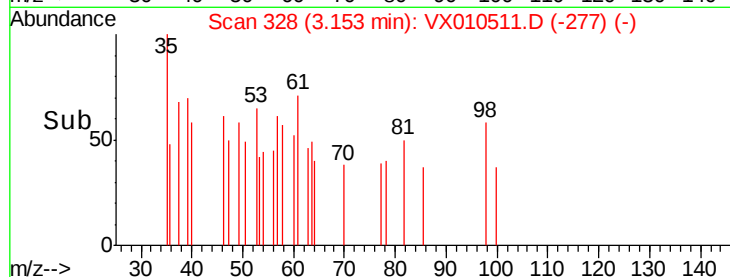
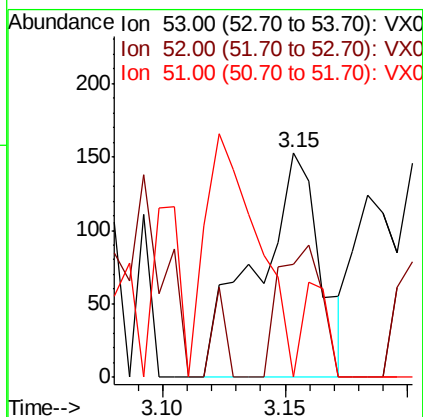
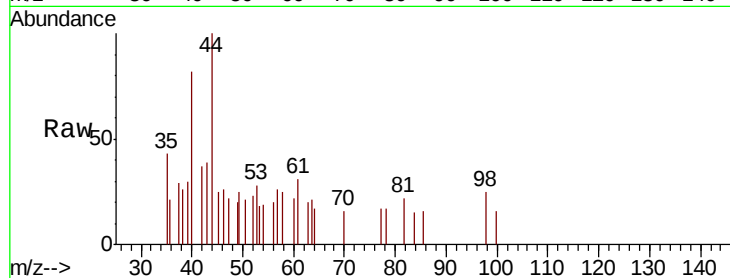
Tot Ion: 53 Resp: 277

Ion Ratio Lower Upper

53 100

52 39.4 65.5 98.3#

51 0.0 28.2 42.4#



#16

Acetone

Concen: 14.633 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010511.D

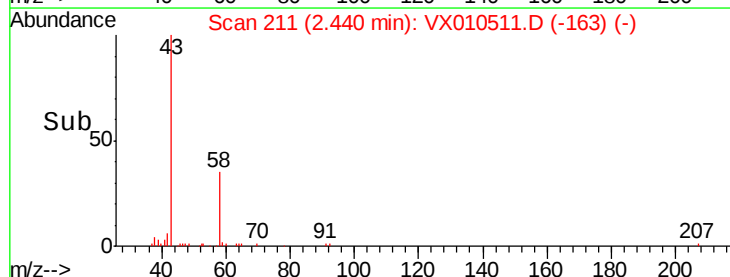
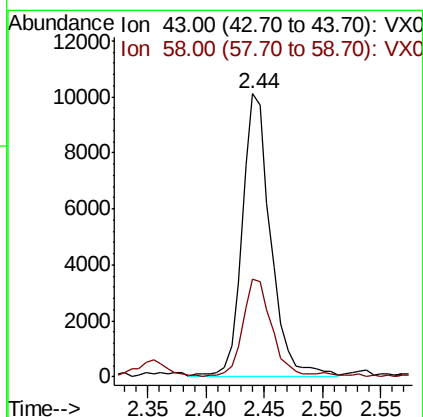
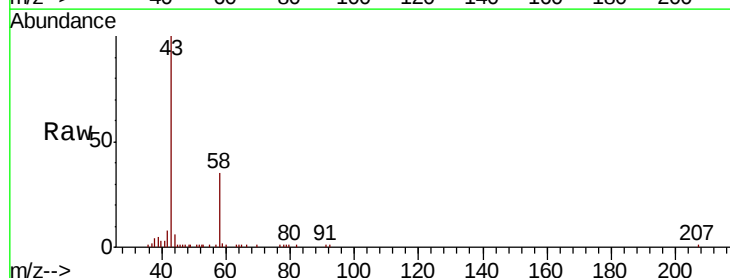
Acq: 28 Jun 2019 01:50

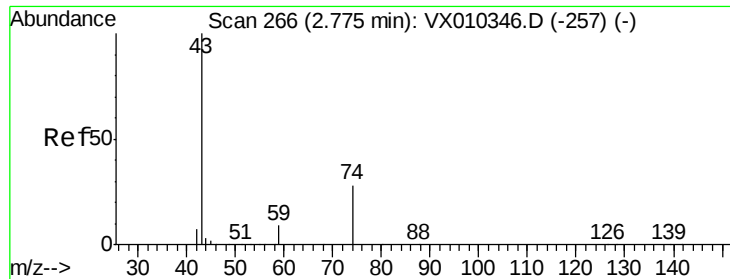
Tgt Ion: 43 Resp: 17287

Ion Ratio Lower Upper

43 100

58 33.9 28.9 43.3

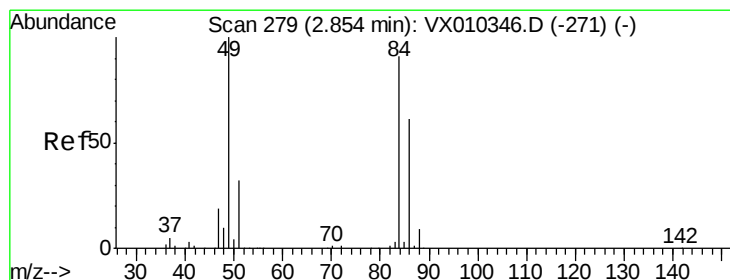
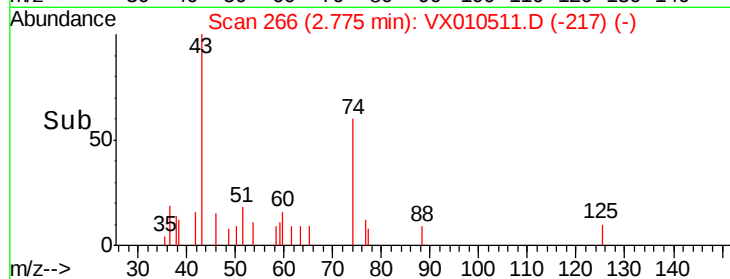
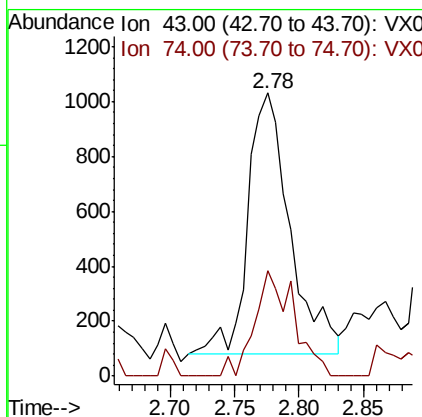
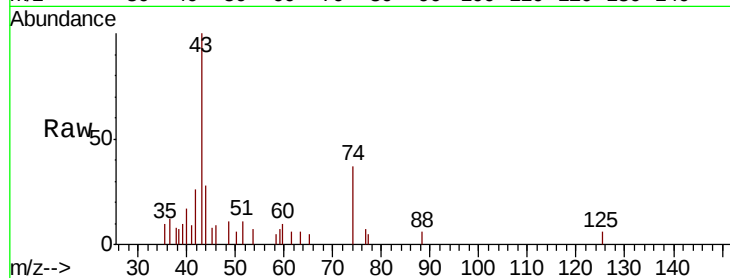




#18  
Methvl Acetate  
Concen: 0.915 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

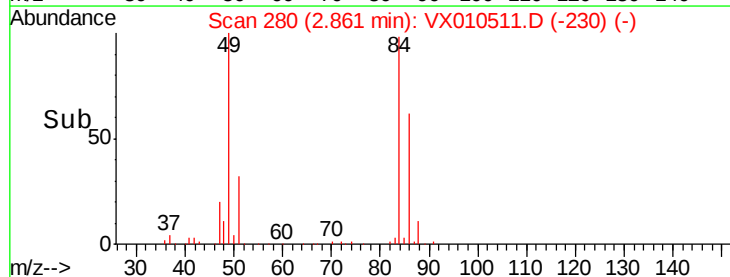
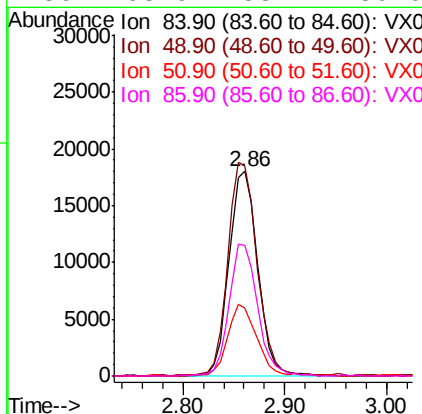
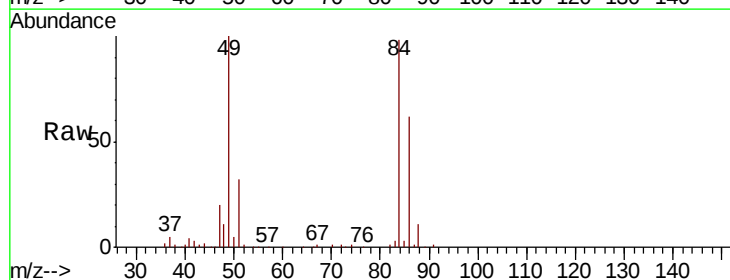
Instrument :  
MSVOA\_X  
ClientSampled :

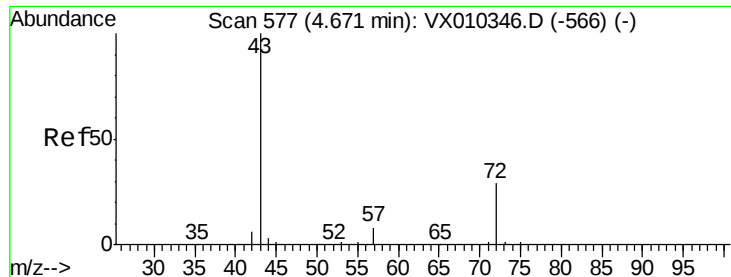
Tot Ion: 43 Resp: 2155  
Ion Ratio Lower Upper  
43 100  
74 37.7 21.3 31.9#



#20  
Methylene Chloride  
Concen: 14.383 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

Tgt Ion: 84 Resp: 34967  
Ion Ratio Lower Upper  
84 100  
49 102.2 87.5 131.3  
51 33.0 27.7 41.5  
86 63.9 53.4 80.0





#25

2-Butanone

Concen: 0.691 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

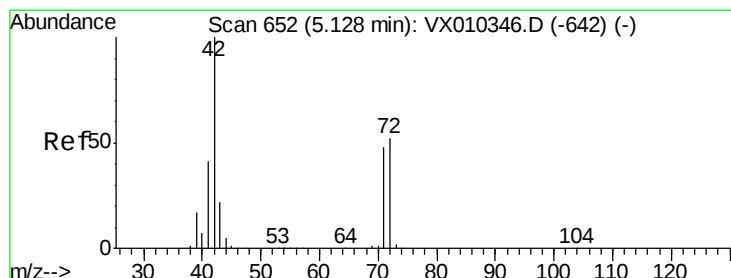
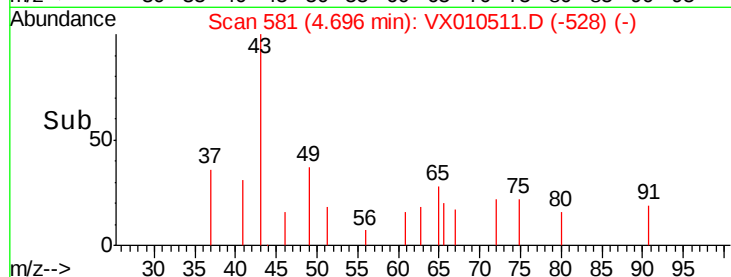
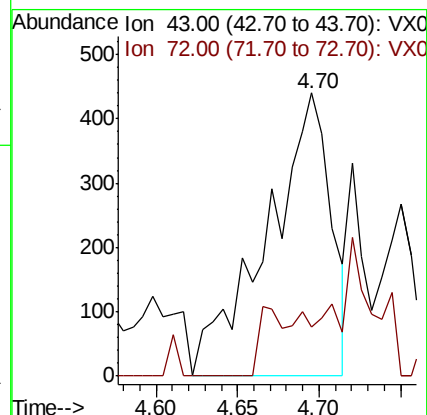
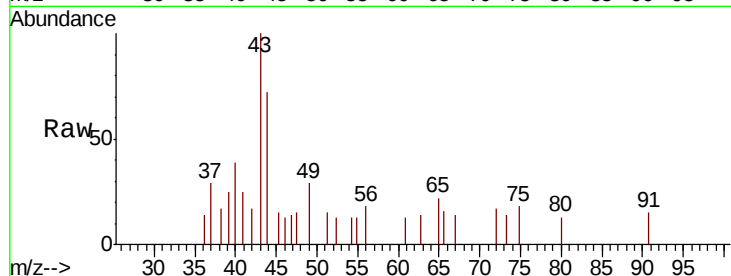
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 1198

Ion Ratio Lower Upper

43 100

72 17.3 23.3 34.9#



#29

Tetrahydrofuran

Concen: 0.801 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

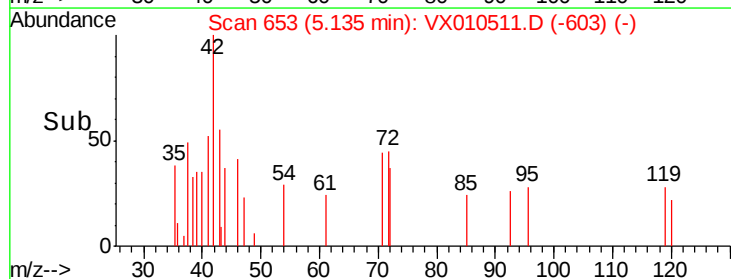
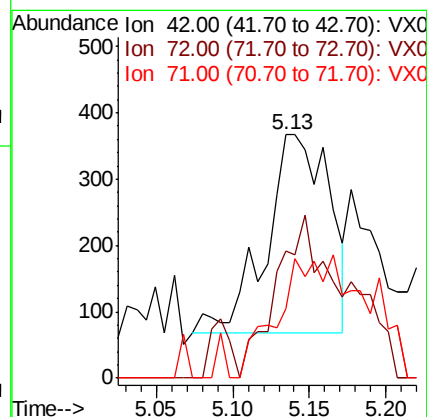
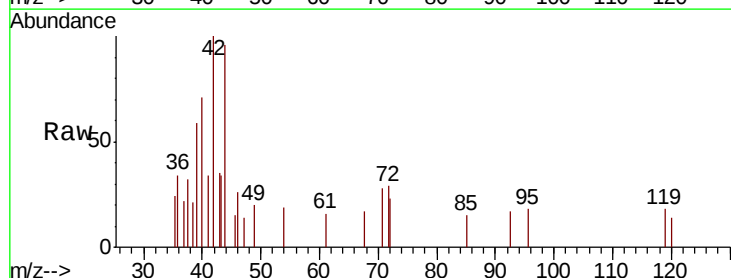
Tgt Ion: 42 Resp: 860

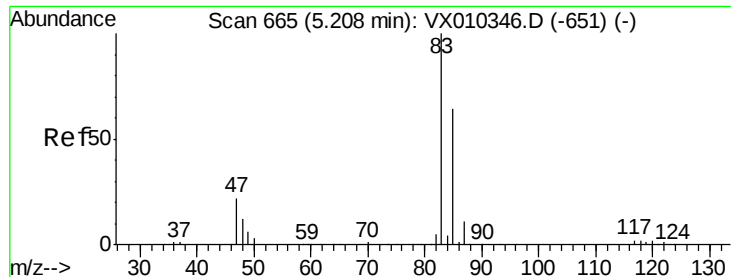
Ion Ratio Lower Upper

42 100

72 67.4 40.6 60.8#

71 0.0 37.8 56.8#

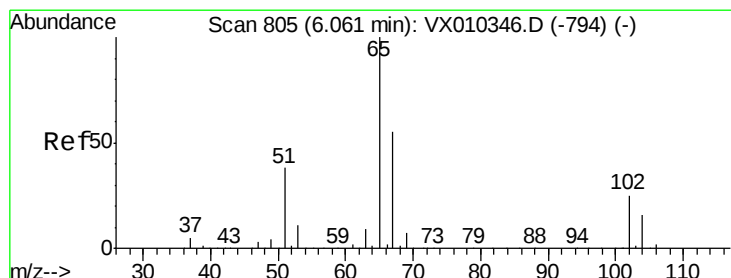
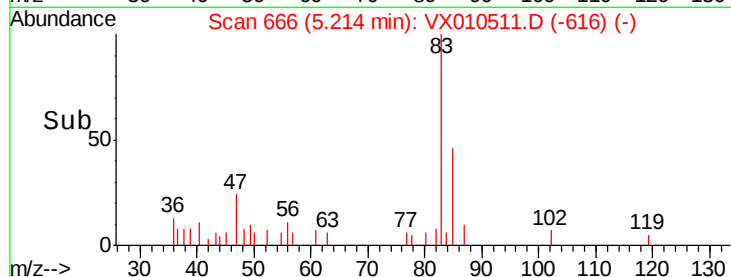
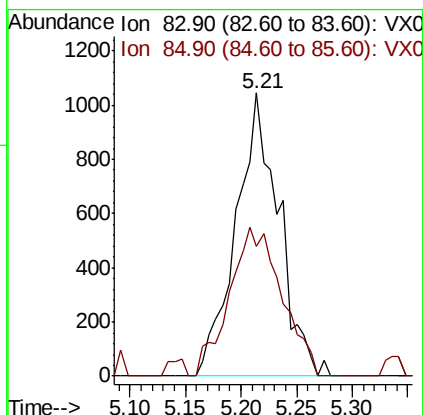
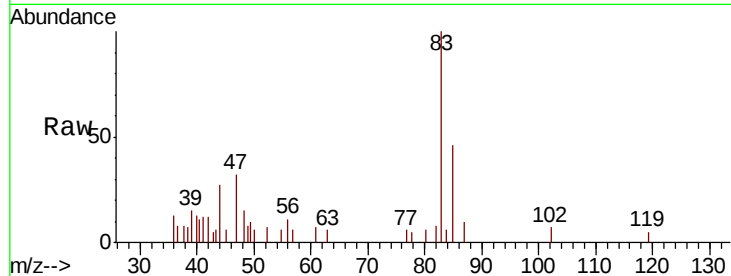




#30  
Chloroform  
Concen: 0.693 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.01 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

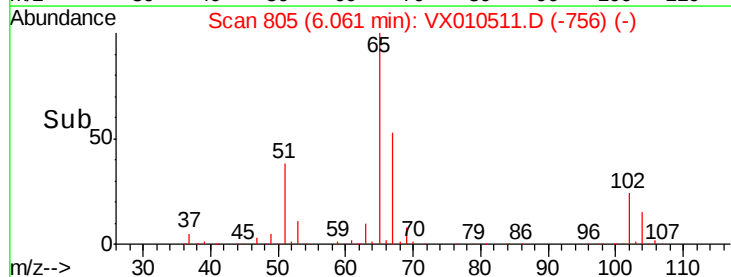
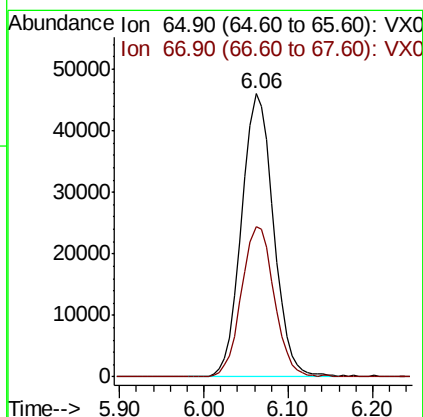
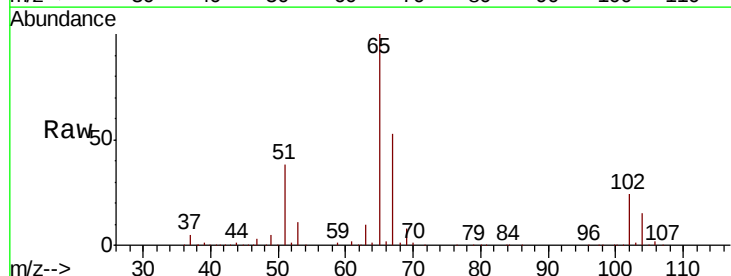
Instrument :  
MSVOA\_X  
ClientSampleId :

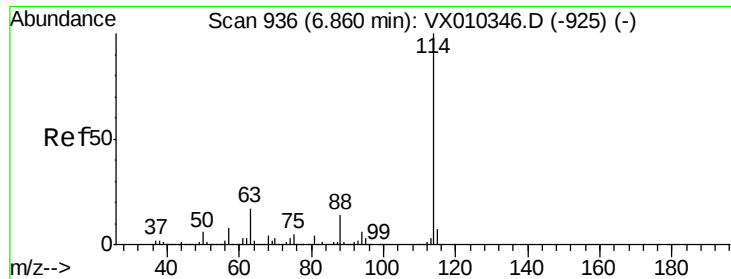
Tot Ion: 83 Resp: 2786  
Ion Ratio Lower Upper  
83 100  
85 45.9 50.9 76.3#



#33  
1,2-Dichloroethane-d4  
Concen: 50.188 ug/l  
RT: 6.06 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

Tgt Ion: 65 Resp: 118301  
Ion Ratio Lower Upper  
65 100  
67 54.2 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: VX010511.D

Acq: 28 Jun 2019 01:50

Instrument :

MSVOA\_X

ClientSampleId :

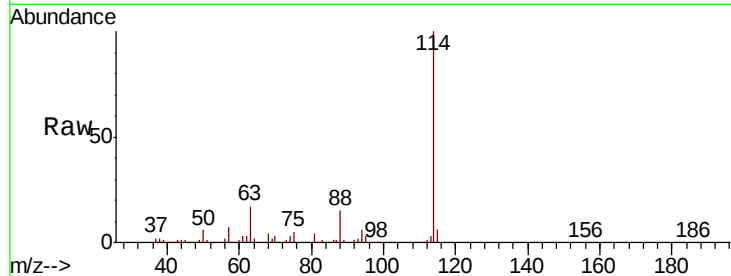
Tot Ion:114 Resp: 381482

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

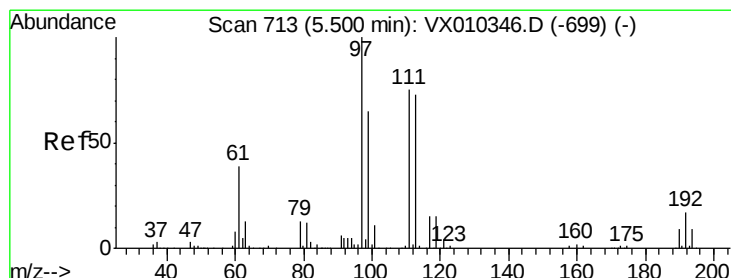
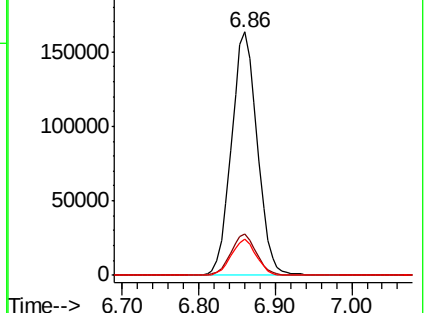
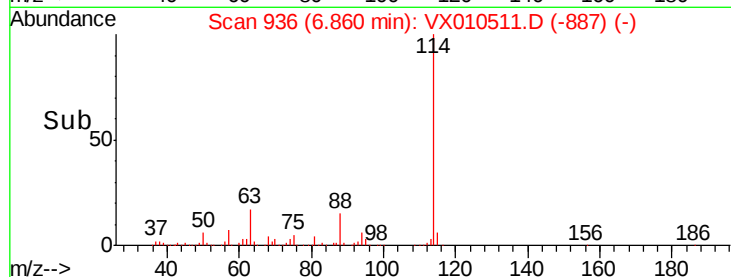
88 14.9 0.0 27.6



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: 49.813 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

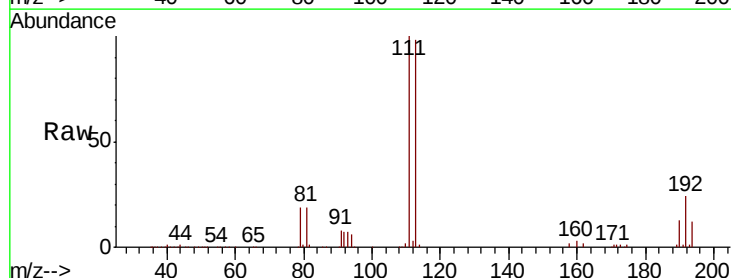
Tgt Ion:113 Resp: 116265

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

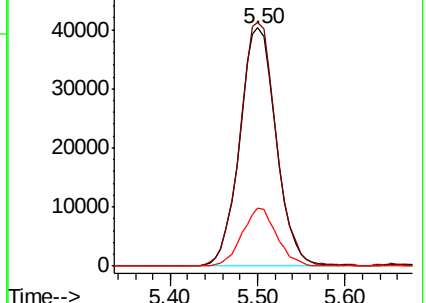
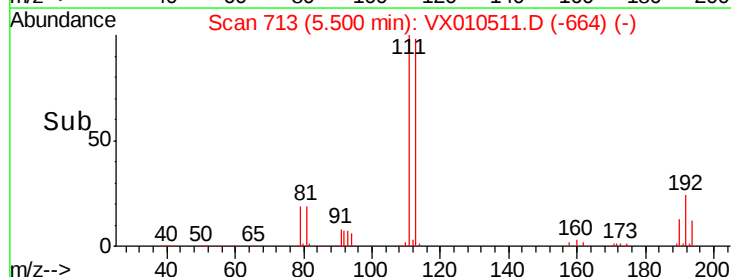
192 23.3 18.6 27.8

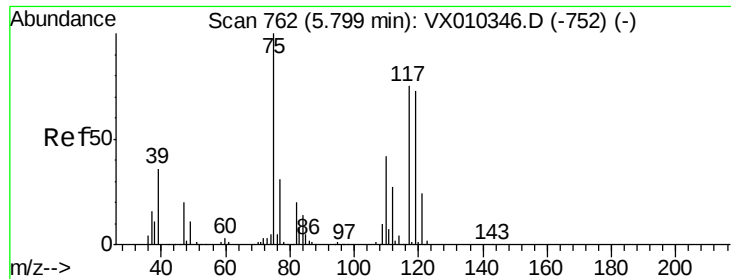


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :

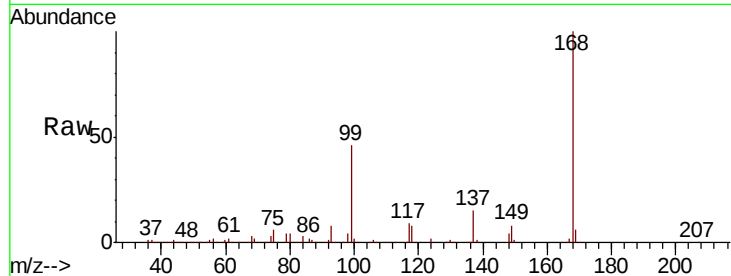
Tot Ion: 75 Resp: 15095

Ion Ratio Lower Upper

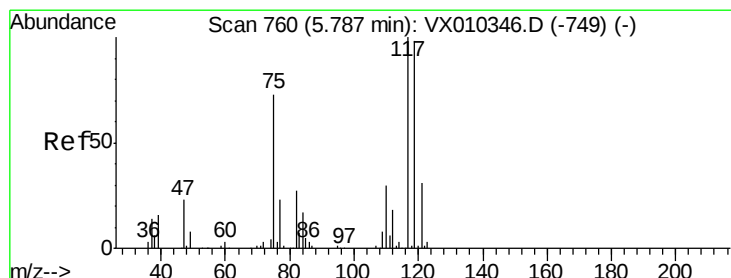
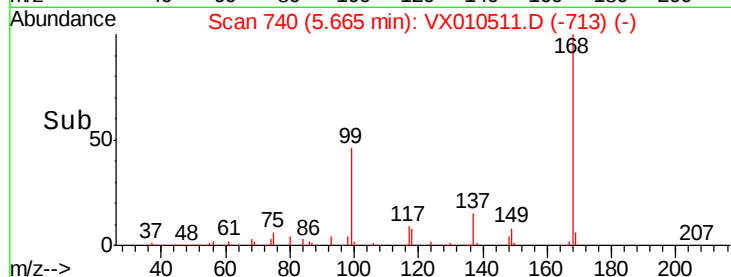
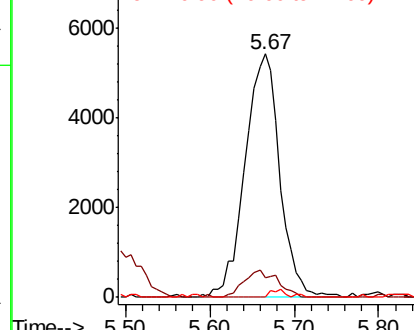
75 100

110 10.9 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: 6.541 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

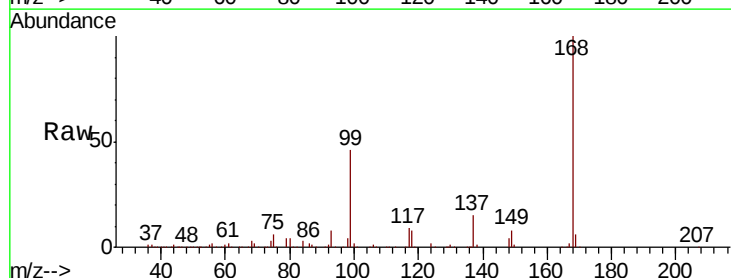
Tgt Ion: 117 Resp: 21471

Ion Ratio Lower Upper

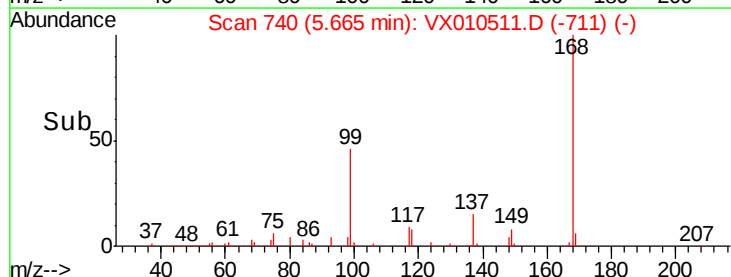
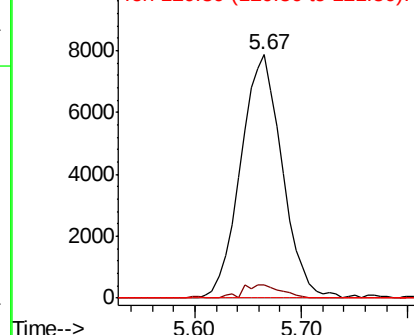
117 100

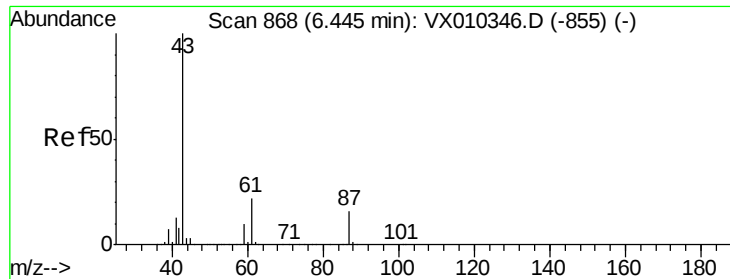
119 5.5 78.2 117.4#

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





#43

Isopropyl Acetate

Concen: 2.086 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

Instrument :

MSVOA\_X

ClientSampled :

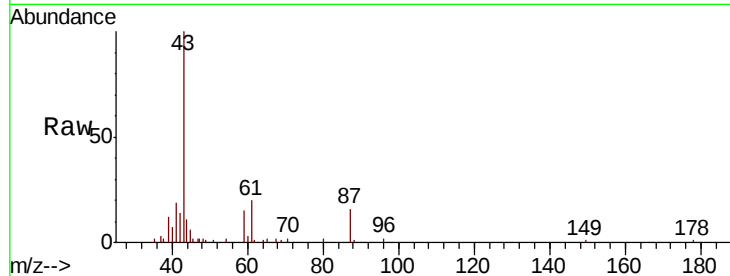
Tot Ion: 43 Resp: 10765

Ion Ratio Lower Upper

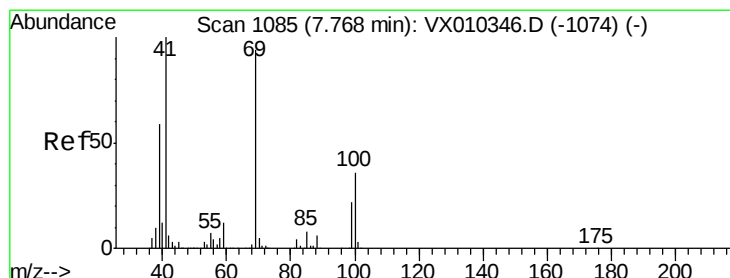
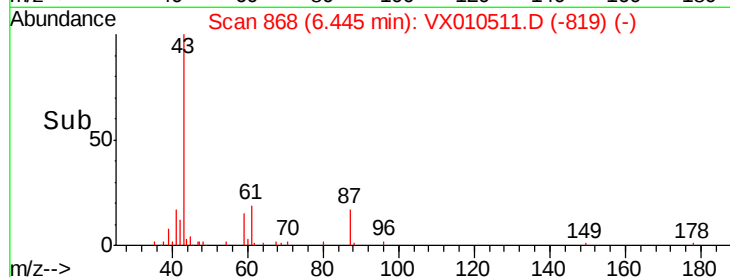
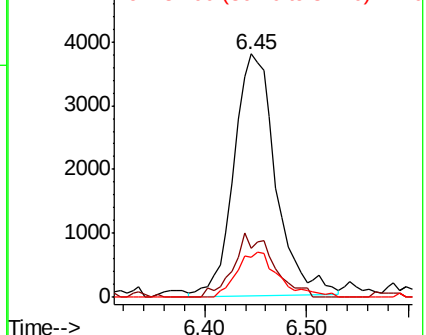
43 100

61 24.9 17.8 26.6

87 18.8 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 61.00 (60.70 to 61.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.494 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

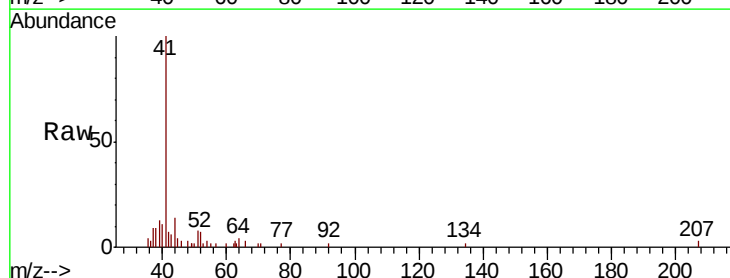
Tgt Ion: 41 Resp: 5982

Ion Ratio Lower Upper

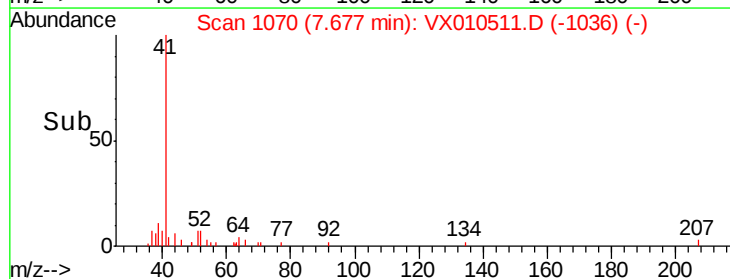
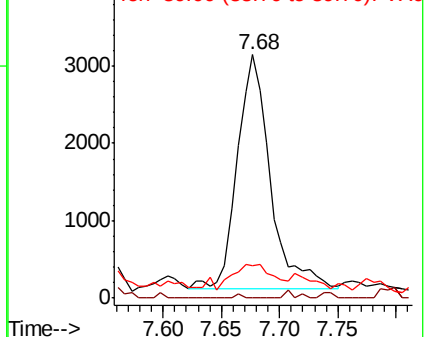
41 100

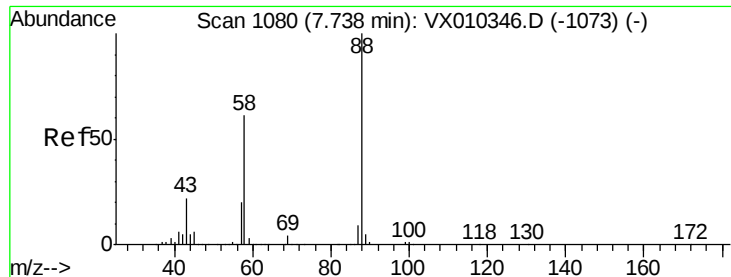
69 0.3 76.1 114.1#

39 0.0 47.6 71.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0

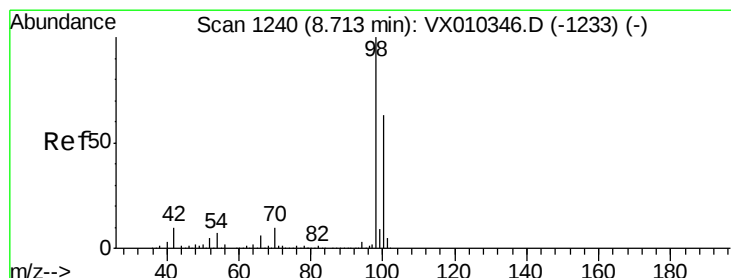
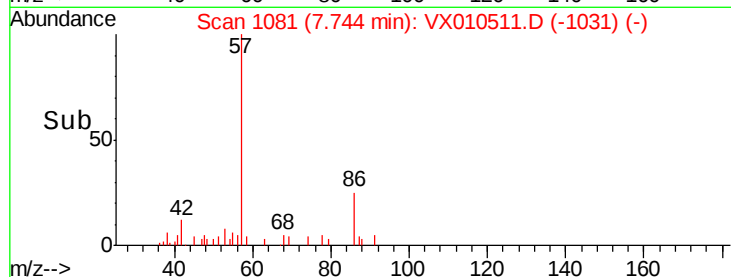
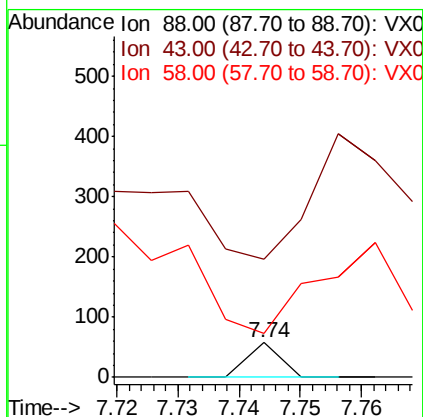
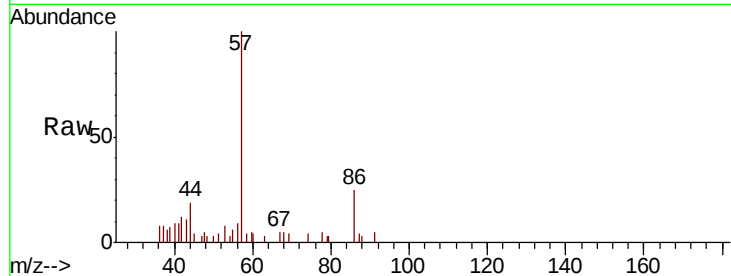




#49  
1,4-Dioxane  
Concen: 0.304 ug/l  
RT: 7.74 min Scan# 1081  
Delta R.T. 0.01 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

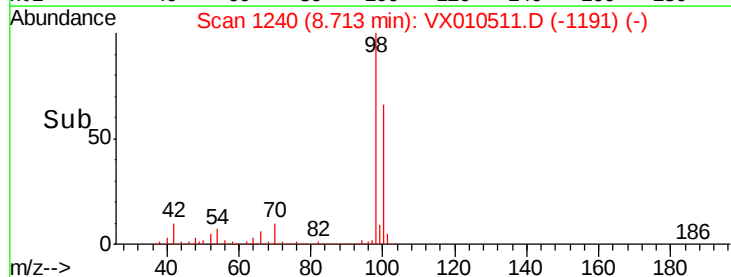
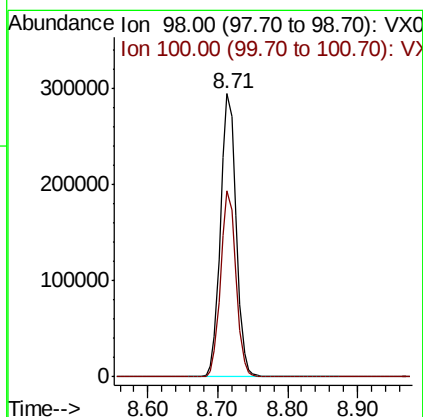
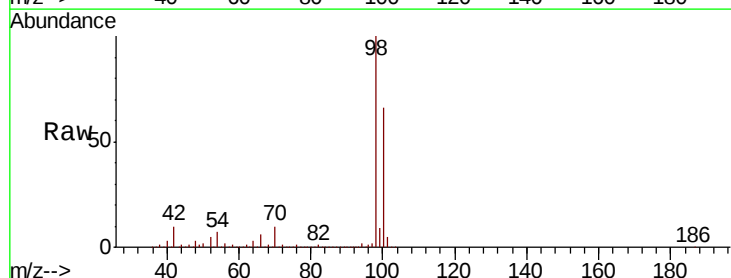
Instrument :  
MSVOA\_X  
ClientSampleId :

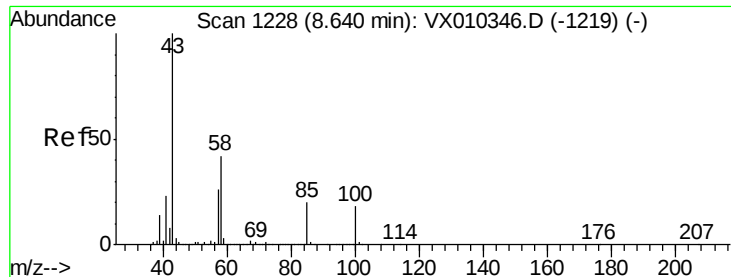
Tot Ion: 88 Resp: 21  
Ion Ratio Lower Upper  
88 100  
43 0.0 20.2 30.2#  
58 1509.5 49.5 74.3#



#50  
Toluene-d8  
Concen: 51.341 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

Tgt Ion: 98 Resp: 458458  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 24.017 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

Instrument :

MSVOA\_X

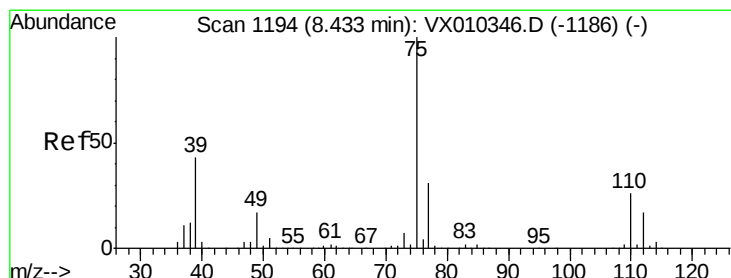
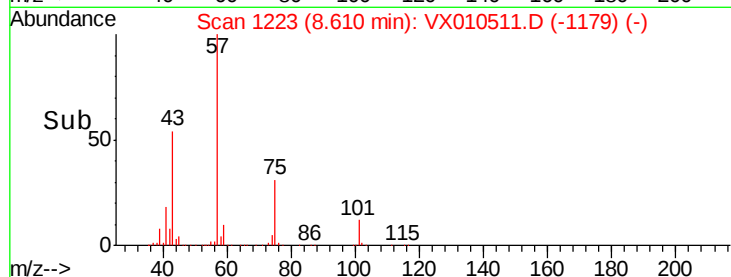
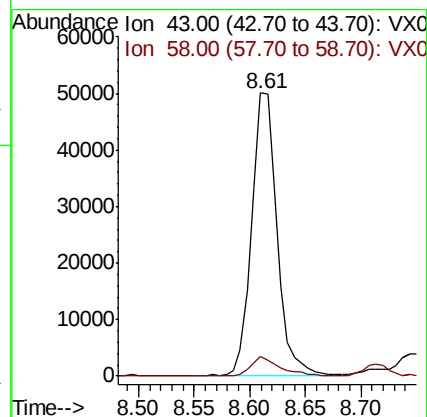
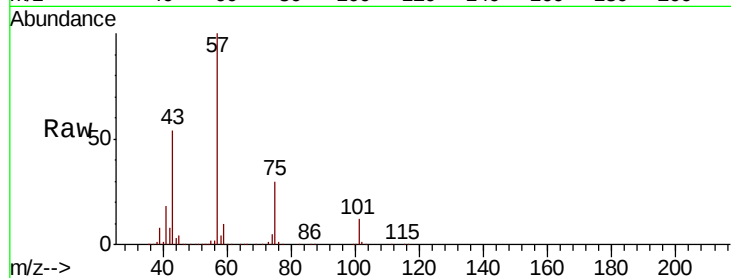
ClientSampled :

Tot Ion: 43 Resp: 79255

Ion Ratio Lower Upper

43 100

58 8.1 33.5 50.3#



#54

cis-1,3-Dichloropropene

Concen: 11.555 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

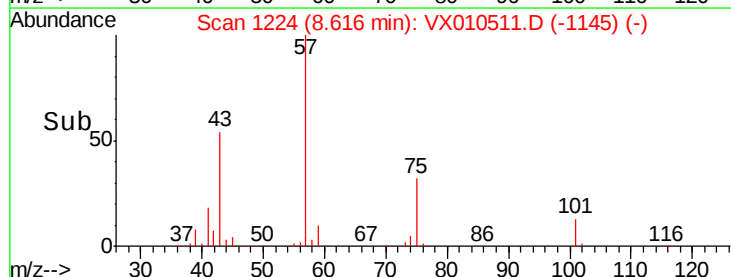
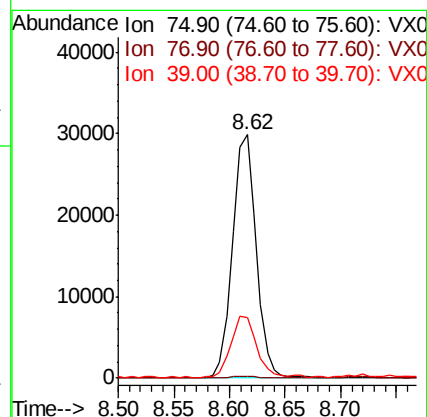
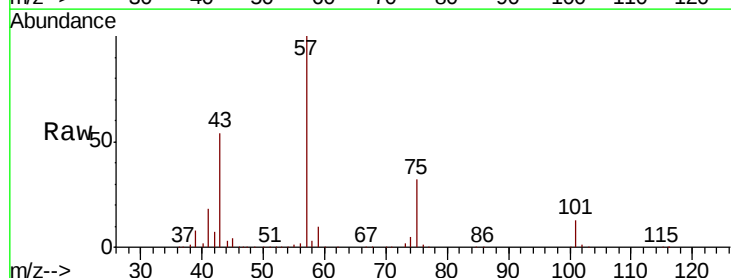
Tgt Ion: 75 Resp: 44150

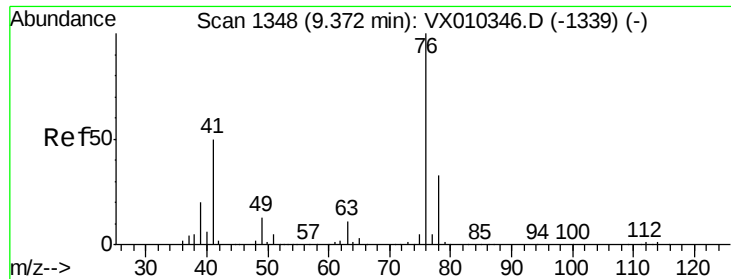
Ion Ratio Lower Upper

75 100

77 0.7 25.2 37.8#

39 24.7 34.5 51.7#





#57

1,3-Dichloropropane

Concen: 2.571 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.16 min

Lab File: VX010511.D

Acq: 28 Jun 2019 01:50

Instrument :

MSVOA\_X

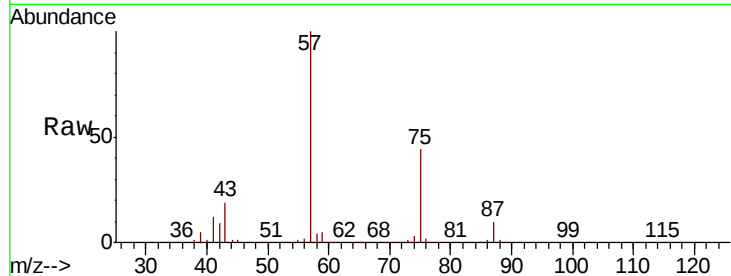
ClientSampleId :

Tot Ion: 76 Resp: 10239

Ion Ratio Lower Upper

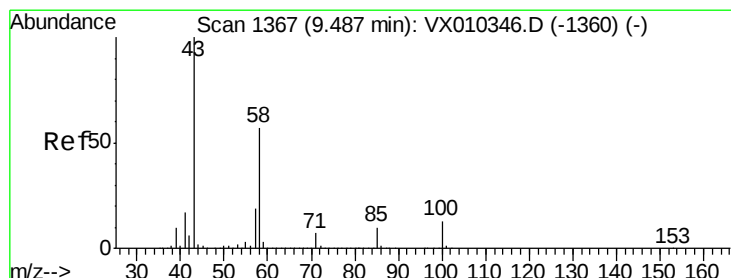
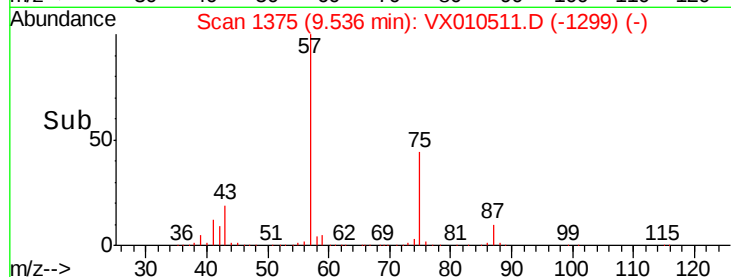
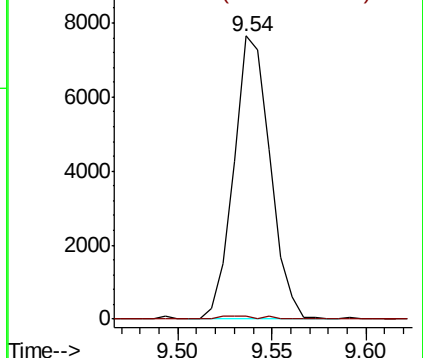
76 100

78 1.2 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 4.133 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX010511.D

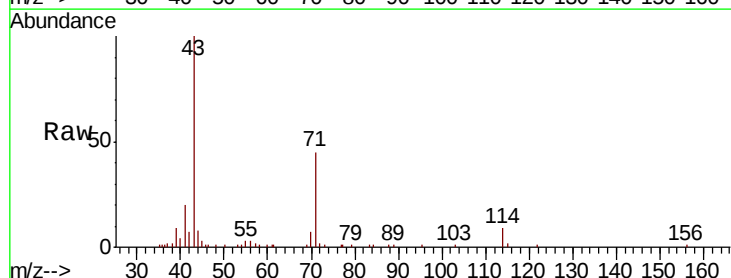
Acq: 28 Jun 2019 01:50

Tgt Ion: 43 Resp: 10733

Ion Ratio Lower Upper

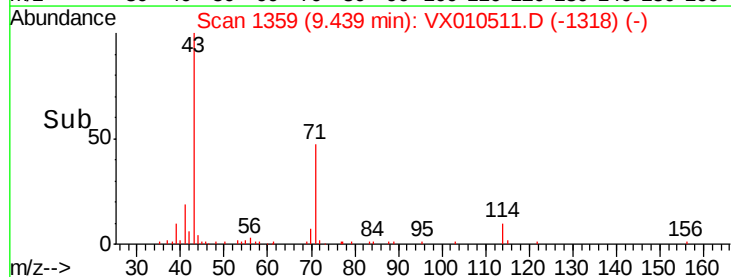
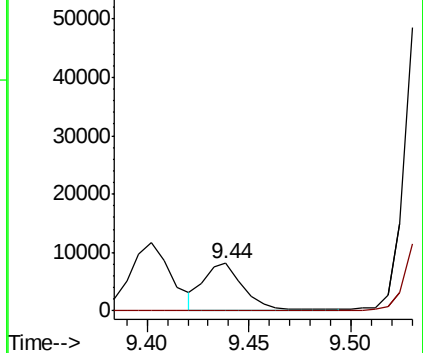
43 100

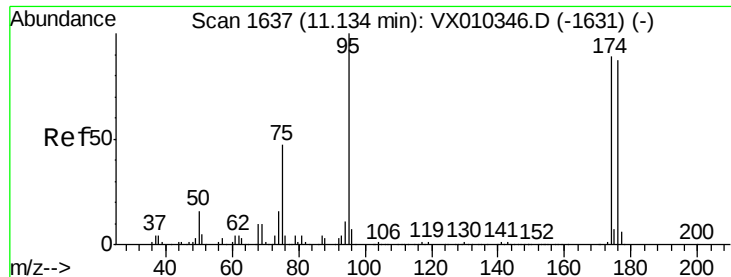
58 0.0 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

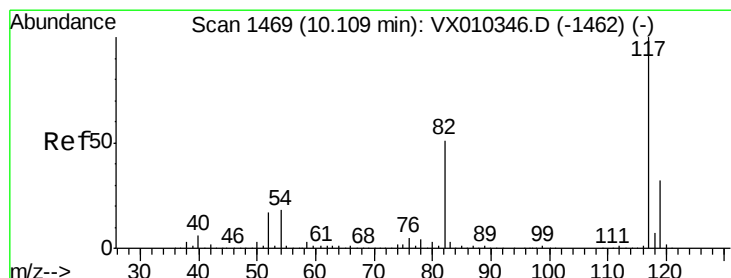
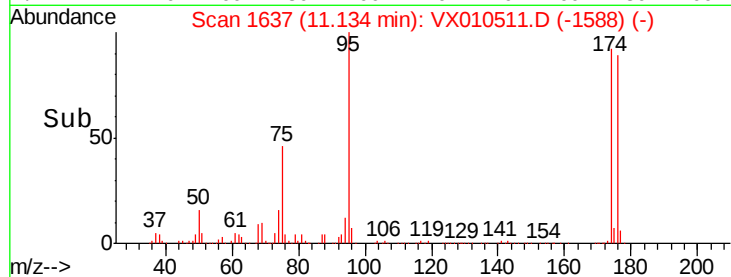
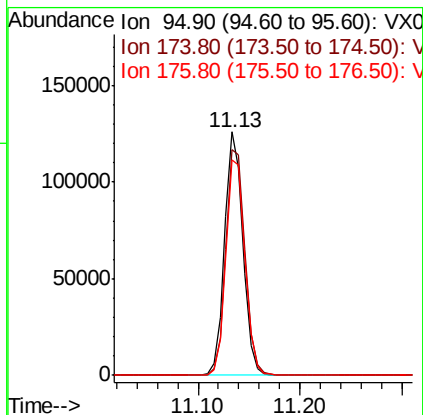
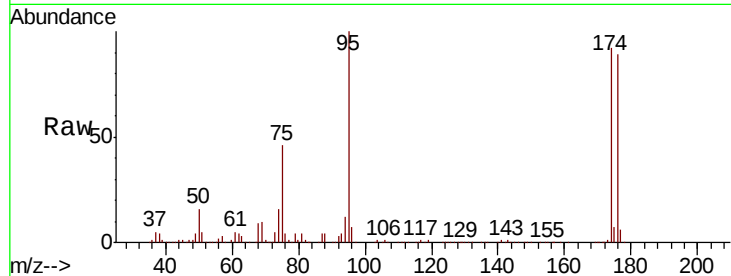




#62  
4-Bromofluorobenzene  
Concen: 48.580 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

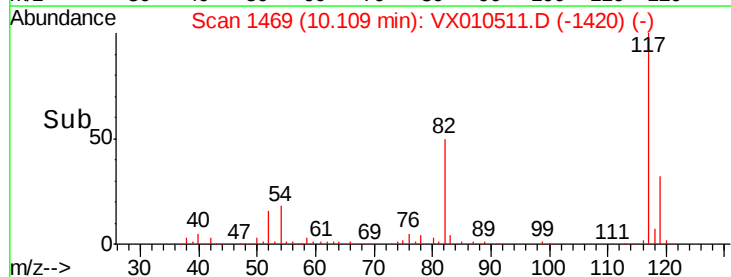
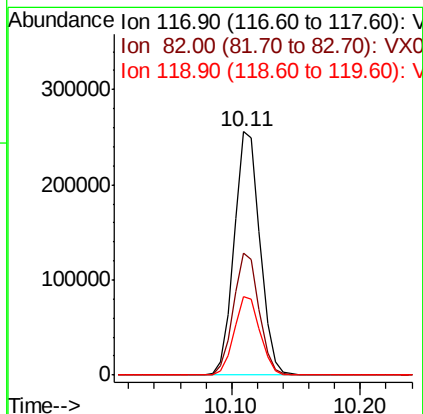
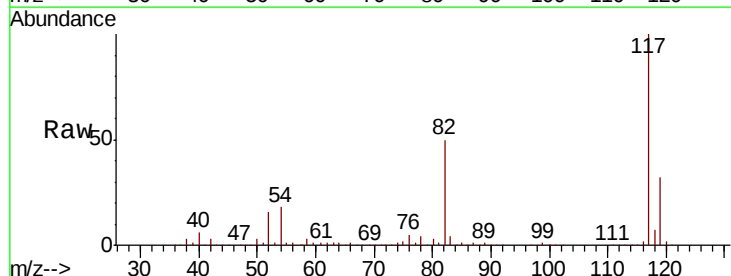
Instrument :  
MSVOA\_X  
ClientSampleId :

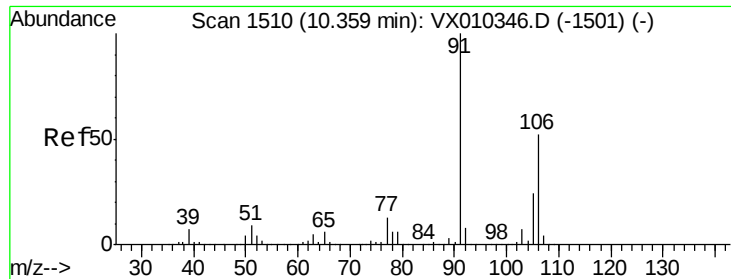
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 96.7  | 0.0   | 187.6 |
| 176     | 91.8  | 0.0   | 184.0 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.2  | 41.2  | 61.8  |
| 119     | 32.3  | 25.5  | 38.3  |

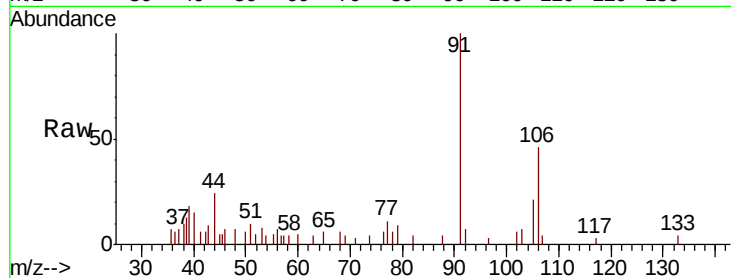




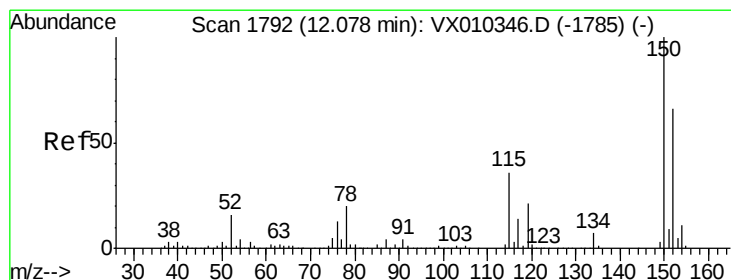
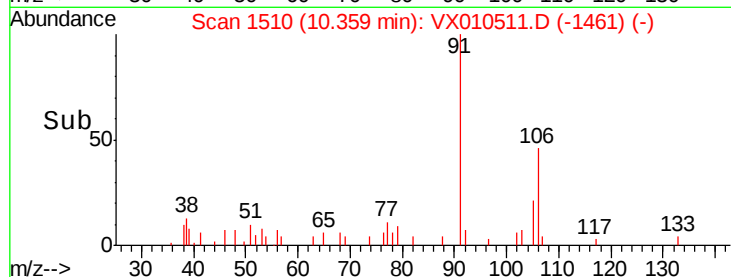
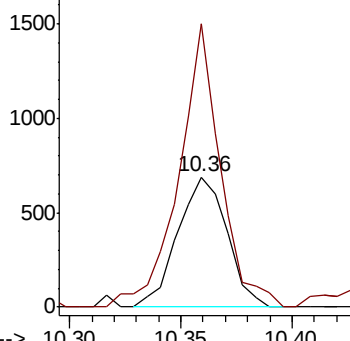
#68  
m/p-Xvlenes  
Concen: 0.224 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:106 Resp: 1063  
Ion Ratio Lower Upper  
106 100  
91 183.3 155.3 232.9

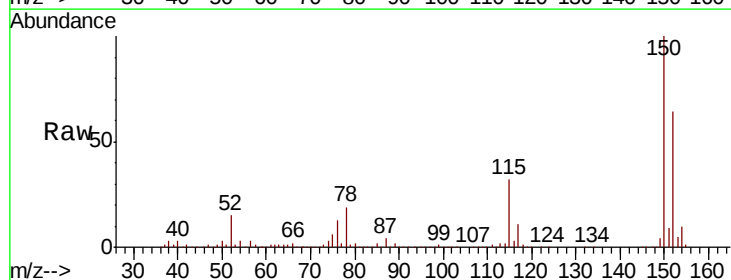


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

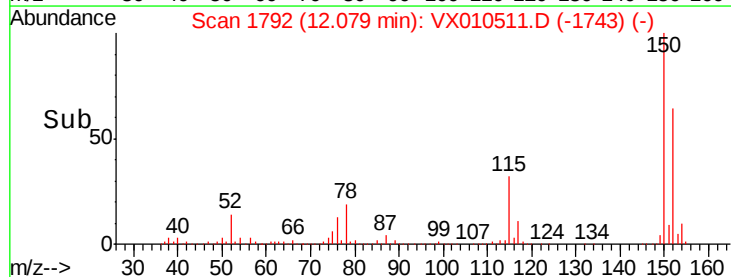
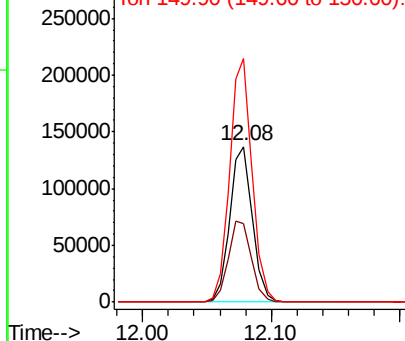


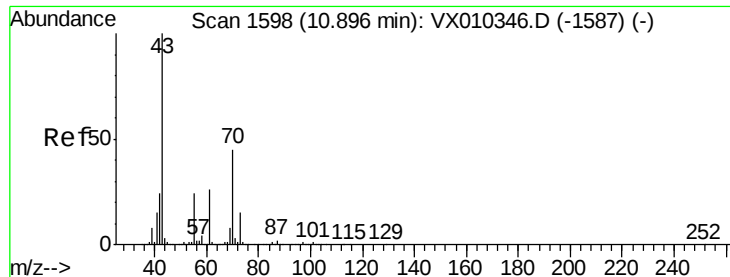
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

Tgt Ion:152 Resp: 168816  
Ion Ratio Lower Upper  
152 100  
115 53.3 38.6 115.7  
150 154.9 0.0 347.4



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

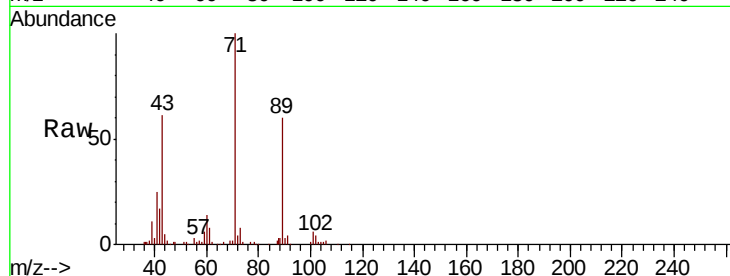




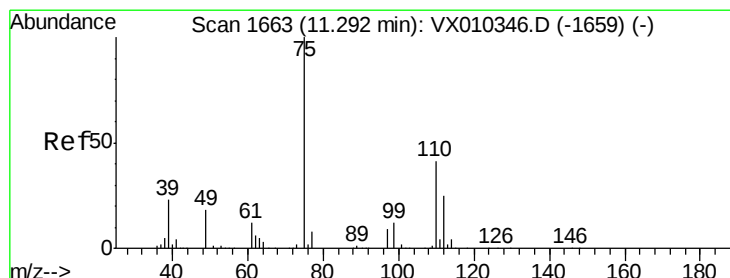
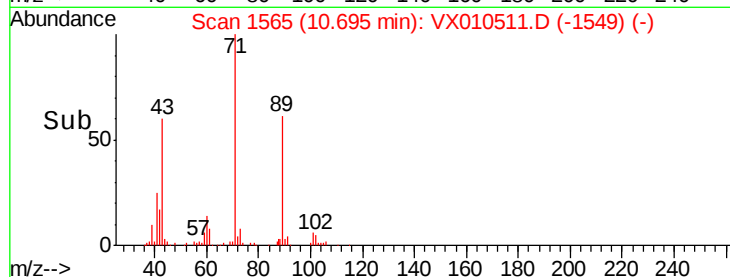
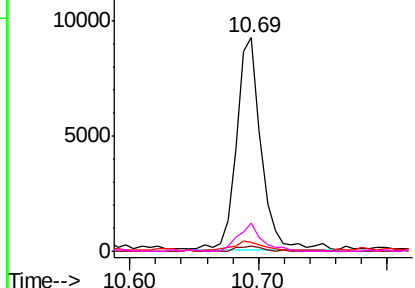
#74  
N-amvl acetate  
Concen: 2.796 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.20 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 12092  
Ion Ratio Lower Upper  
43 100  
70 2.7 36.6 54.8#  
55 7.4 18.7 28.1#  
61 12.6 20.6 31.0#

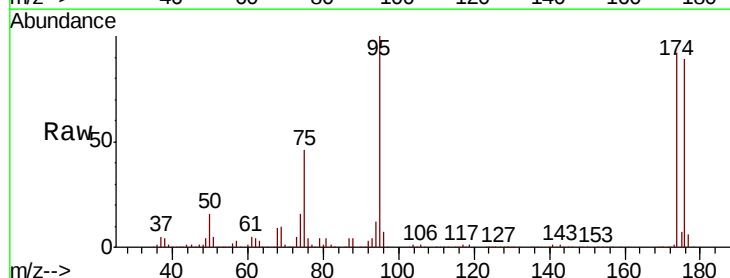


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 70.00 (69.70 to 70.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 61.00 (60.70 to 61.70): VX0

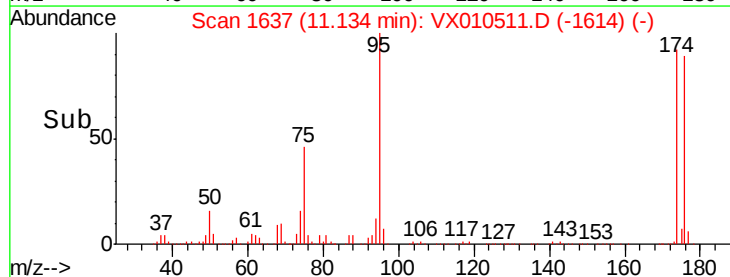
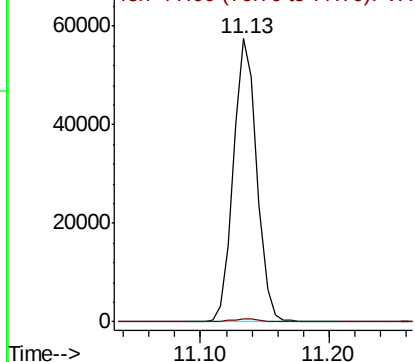


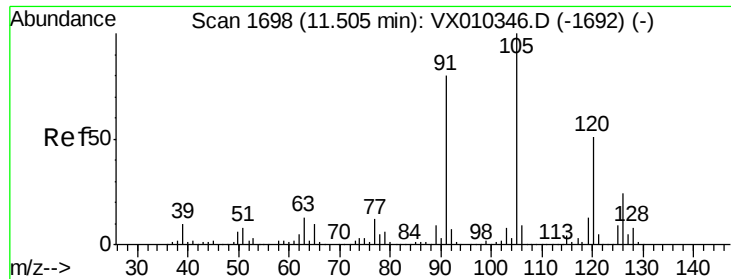
#76  
1,2,3-Trichloropropane  
Concen: 23.756 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.16 min  
Lab File: VX010511.D  
Acq: 28 Jun 2019 01:50

Tgt Ion: 75 Resp: 73080  
Ion Ratio Lower Upper  
75 100  
77 1.5 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0

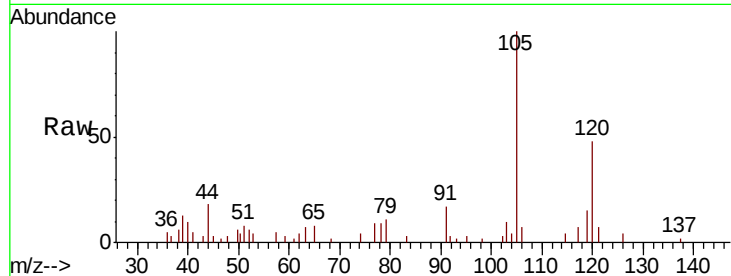




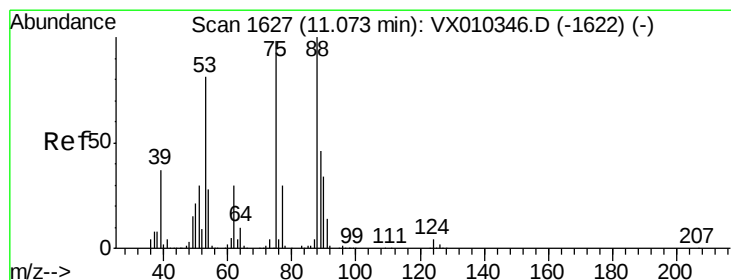
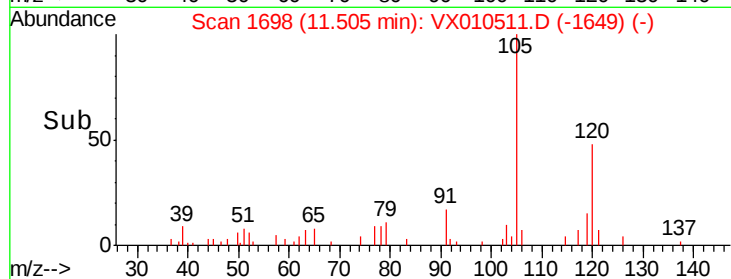
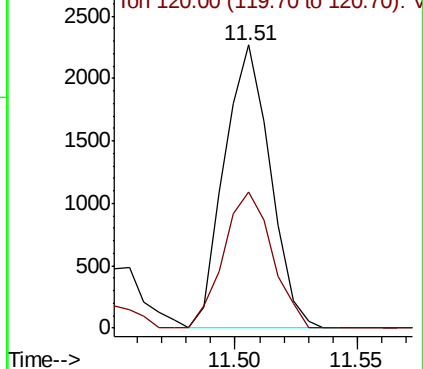
#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.313 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX010511.D  
 Acq: 28 Jun 2019 01:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:105 Resp: 2955  
 Ion Ratio Lower Upper  
 105 100  
 120 50.9 25.2 75.6

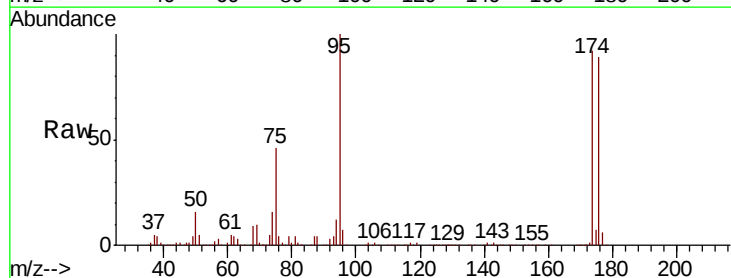


Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V

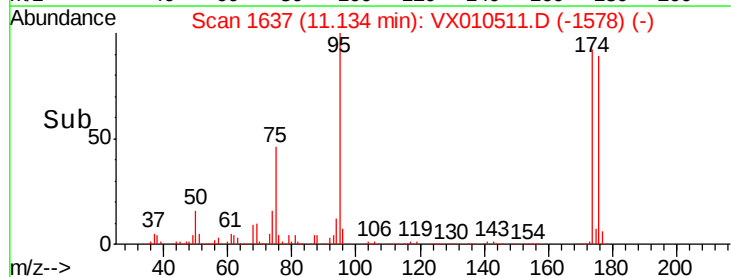
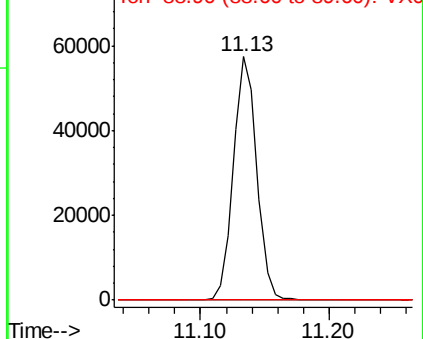


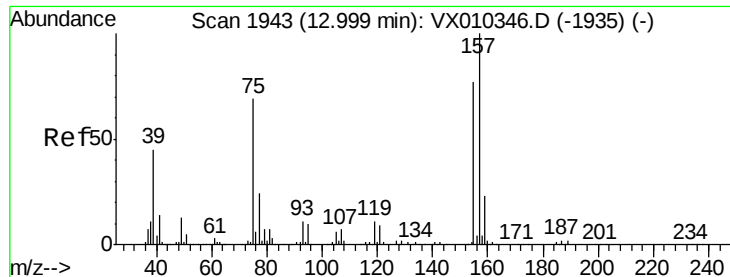
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 55.420 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.06 min  
 Lab File: VX010511.D  
 Acq: 28 Jun 2019 01:50

Tgt Ion: 75 Resp: 73080  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 66.1 99.1#  
 89 0.1 37.8 56.6#



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

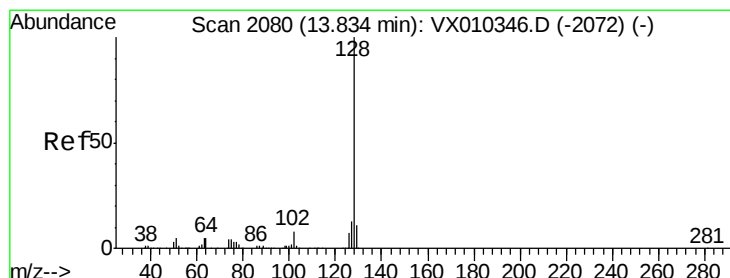
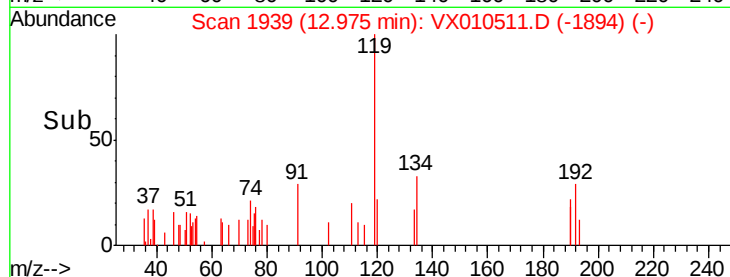
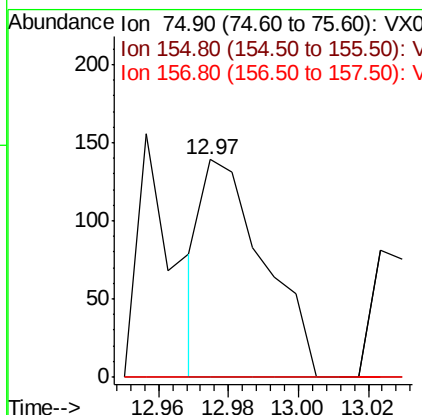
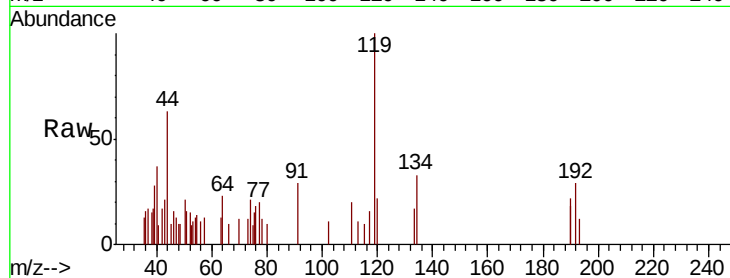




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.210 ug/l  
 RT: 12.97 min Scan# 1939  
 Delta R.T. -0.02 min  
 Lab File: VX010511.D  
 Acq: 28 Jun 2019 01:50

Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion: 75 Resp: 172  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 54.4 163.1#  
 157 0.0 69.5 208.3#



#95  
 Naphthalene  
 Concen: 0.404 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX010511.D  
 Acq: 28 Jun 2019 01:50

Tgt Ion: 128 Resp: 4776  
 Ion Ratio Lower Upper  
 128 100  
 127 15.9 10.2 15.4#  
 129 13.0 8.9 13.3

