

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\  
 Data File : VX003470.D  
 Acq On : 19 Jul 2018 17:26  
 Operator : JC/SP  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX071918

Quant Time: Jul 20 03:57:36 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071918W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 19 17:09:44 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 344983   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 465795   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 441946   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 275166   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 191120   | 46.80 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.60%  |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 178003   | 50.17 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.34% |      |
| 50) Toluene-d8              | 8.72   | 98  | 682738   | 51.20 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.40% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 249547   | 51.28 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.56% |      |

| Target Compounds              |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 139479  | 50.94  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 175965  | 51.88  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 199057  | 45.42  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 94208   | 54.25  | ug/l | 98     |
| 6) Chloroethane               | 1.71 | 64  | 126888  | 48.93  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 280565  | 47.99  | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 118683  | 47.26  | ug/l | 89     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 181936  | 47.54  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 187062  | 40.69  | ug/l | 93     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 193662  | 239.66 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 167473  | 47.53  | ug/l | 89     |
| 13) Acrolein                  | 2.29 | 56  | 80743   | 221.15 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 304263  | 48.78  | ug/l | 86     |
| 15) Acrylonitrile             | 3.15 | 53  | 487231  | 236.83 | ug/l | 98     |
| 16) Acetone                   | 2.45 | 43  | 357467  | 231.74 | ug/l | # 88   |
| 17) Carbon Disulfide          | 2.57 | 76  | 471141  | 49.44  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 234201  | 48.16  | ug/l | 93     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 563507  | 48.98  | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 190465  | 50.51  | ug/l | 90     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 184669  | 47.10  | ug/l | 93     |
| 22) Diisopropyl ether         | 3.87 | 45  | 578986  | 49.33  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.82 | 43  | 2427278 | 251.06 | ug/l | 95     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 332276  | 48.25  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 648581  | 250.61 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 264697  | 50.61  | ug/l | 93     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 218864  | 50.14  | ug/l | 95     |
| 28) Bromochloromethane        | 5.02 | 49  | 144740  | 48.09  | ug/l | 86     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 416136  | 243.41 | ug/l | 91     |
| 30) Chloroform                | 5.21 | 83  | 329169  | 48.95  | ug/l | 96     |
| 31) Cyclohexane               | 5.58 | 56  | 304305  | 49.46  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 283609  | 49.25  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 257241  | 51.15  | ug/l | 97     |
| 37) Ethyl Acetate             | 4.86 | 43  | 249895  | 52.51  | ug/l | 96     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 258593  | 52.42  | ug/l | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\  
 Data File : VX003470.D  
 Acq On : 19 Jul 2018 17:26  
 Operator : JC/SP  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICSVX071918

Quant Time: Jul 20 03:57:36 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071918W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 19 17:09:44 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 315823   | 53.02   | ug/l   | 93       |
| 40) Benzene                    | 6.14  | 78   | 764382   | 50.34   | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 140221   | 50.13   | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 241845   | 50.55   | ug/l   | 94       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 384815   | 50.83   | ug/l # | 92       |
| 44) Trichloroethene            | 7.21  | 130  | 228215   | 50.40   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 196453   | 50.95   | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 127322   | 51.30   | ug/l   | 94       |
| 47) Bromodichloromethane       | 7.90  | 83   | 240717   | 52.97   | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 197776   | 51.81   | ug/l # | 82       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 87619    | 1012.96 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1250863  | 261.55  | ug/l   | 91       |
| 52) Toluene                    | 8.79  | 92   | 492451   | 51.52   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 304793   | 54.50   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.04  | 75   | 275537   | 54.78   | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 195223   | 51.33   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 291773   | 54.47   | ug/l # | 81       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 319056   | 51.90   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 680275   | 261.17  | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.50  | 43   | 933642   | 263.49  | ug/l   | 88       |
| 60) Dibromochloromethane       | 9.59  | 129  | 204188   | 54.24   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 203462   | 51.61   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 267874   | 49.75   | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 565216   | 49.64   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 200129   | 51.08   | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.26 | 91   | 942857   | 51.50   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 748918   | 104.34  | ug/l   | 95       |
| 69) o-Xylene                   | 10.70 | 106  | 357507   | 51.51   | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 604267   | 52.93   | ug/l   | 97       |
| 71) Bromoform                  | 10.86 | 173  | 161913   | 53.19   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 961608   | 50.53   | ug/l   | 99       |
| 74) N-amyl acetate             | 6.46  | 43   | 384815   | 47.62   | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 272086   | 48.79   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 326381   | 66.02   | ug/l   | 80       |
| 77) Bromobenzene               | 11.26 | 156  | 265166   | 48.45   | ug/l   | 96       |
| 78) n-propylbenzene            | 11.36 | 91   | 1087372  | 51.40   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 639629   | 49.81   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 811643   | 51.90   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 85179    | 48.99   | ug/l   | 87       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 753910   | 50.10   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 775322   | 50.62   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 825618   | 51.88   | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 954209   | 51.29   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 872016   | 52.23   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 488148   | 48.52   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 489825   | 47.26   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 744724   | 52.53   | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 123529   | 52.05   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 479773   | 48.38   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 54673    | 50.38   | ug/l   | 86       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\  
Data File : VX003470.D  
Acq On : 19 Jul 2018 17:26  
Operator : JC/SP  
Sample : VSTDICV050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 11 Sample Multiplier: 1

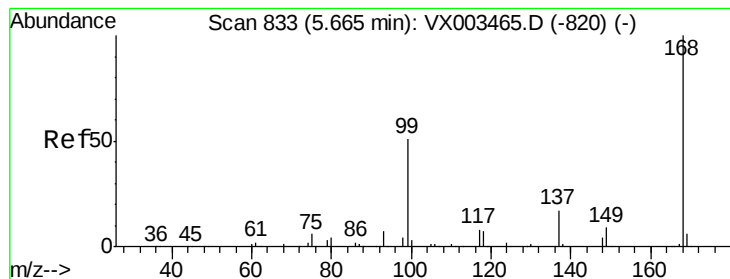
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

Quant Time: Jul 20 03:57:36 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071918W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 19 17:09:44 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 360723   | 49.63 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 175468   | 50.20 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 988106   | 51.74 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 356915   | 49.61 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

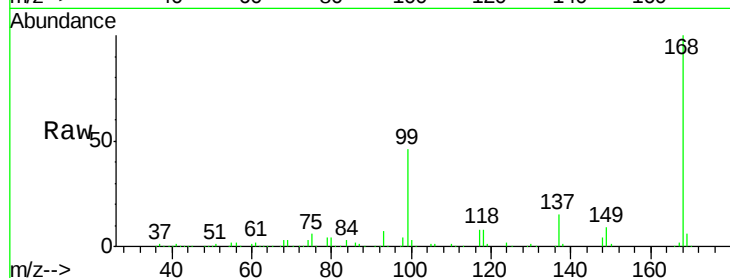
ICVVX071918

Tot Ion:168 Resp: 344983

Ion Ratio Lower Upper

168 100

99 46.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

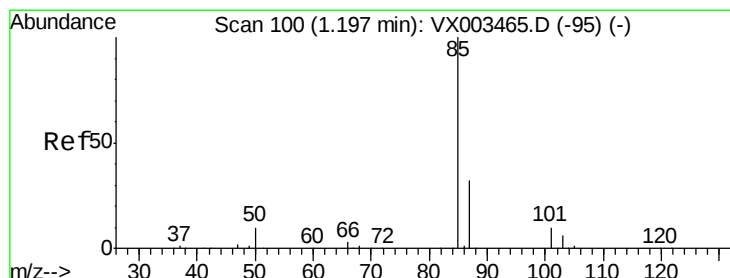
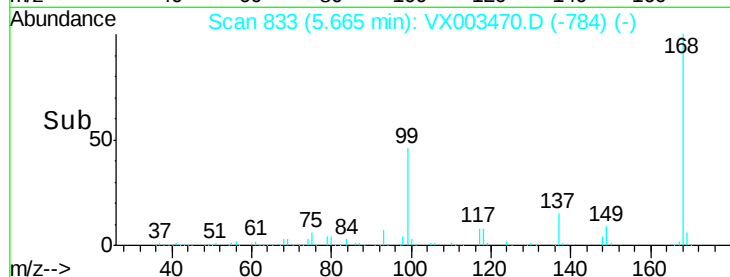
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003470.D

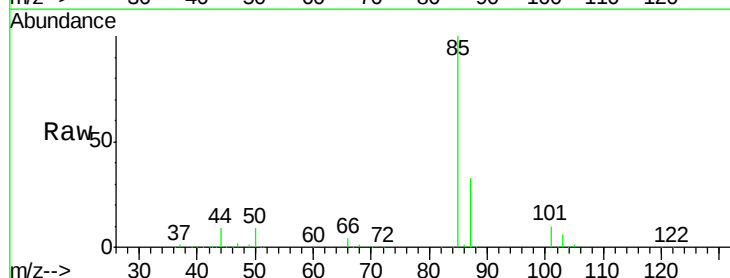
Acq: 19 Jul 2018 17:26

Tgt Ion: 85 Resp: 139479

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

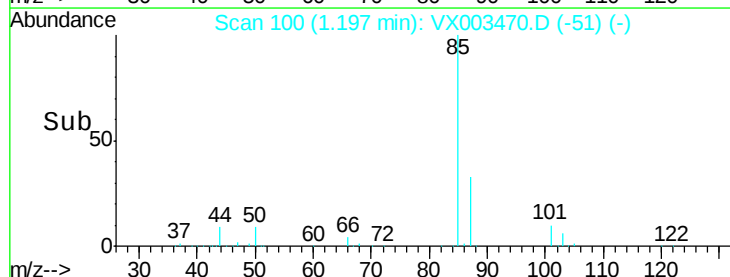
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

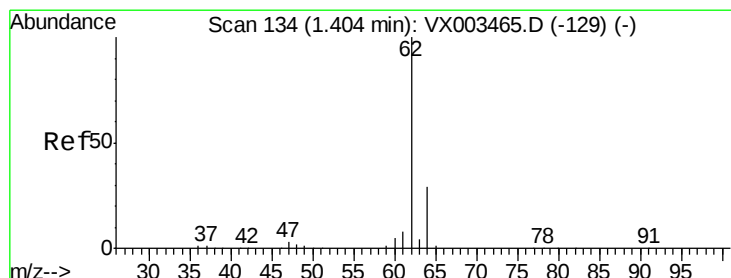
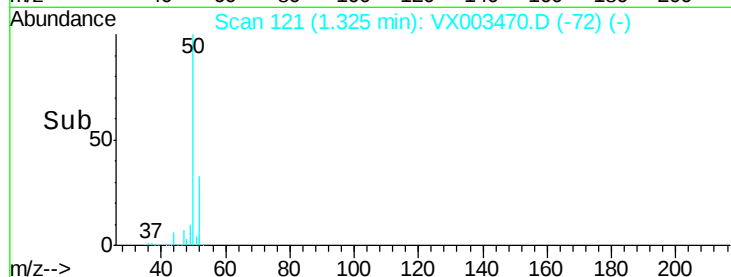
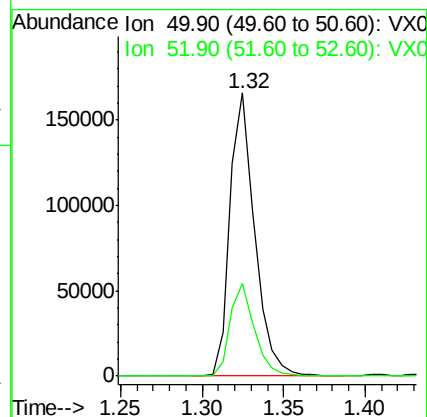
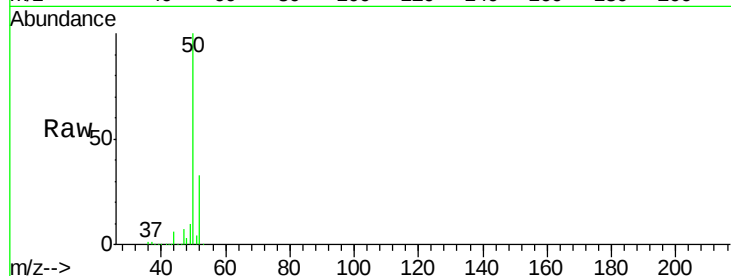
ICVVX071918

Tot Ion: 50 Resp: 175965

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 45.42 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003470.D

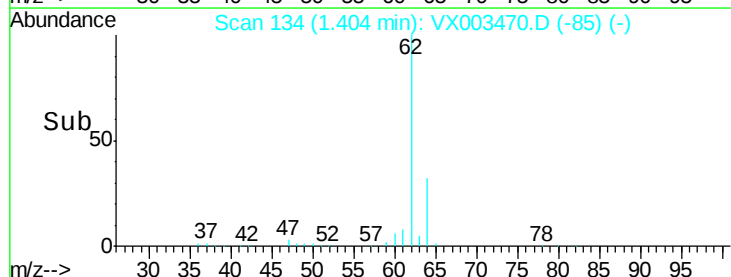
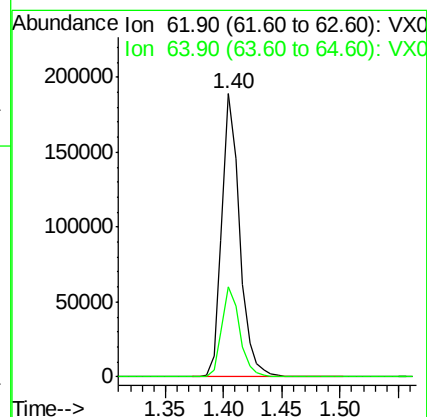
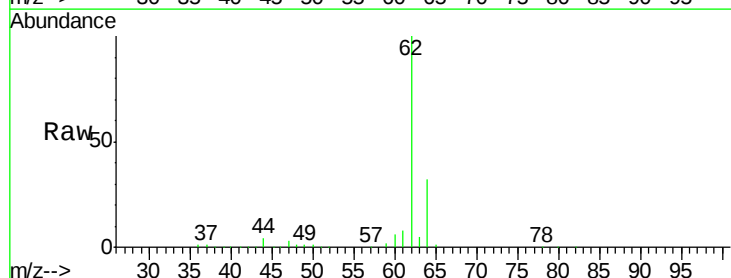
Acq: 19 Jul 2018 17:26

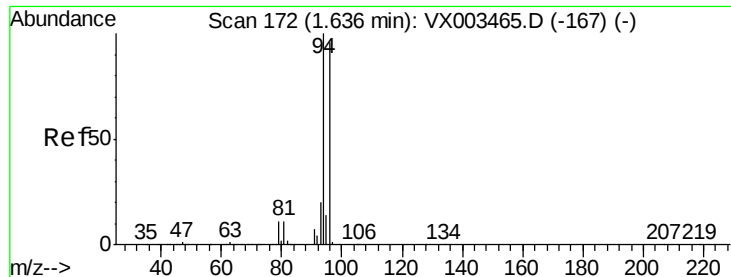
Tgt Ion: 62 Resp: 199057

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 54.25 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

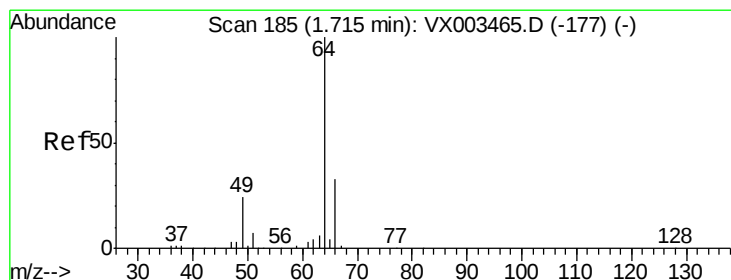
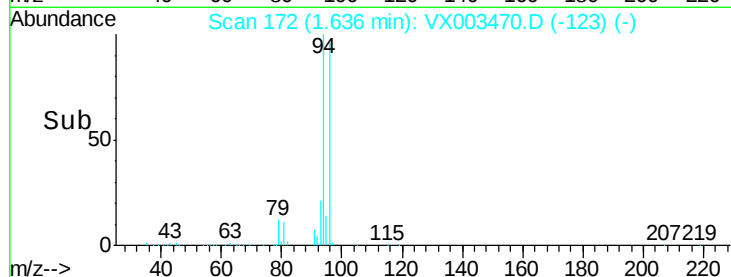
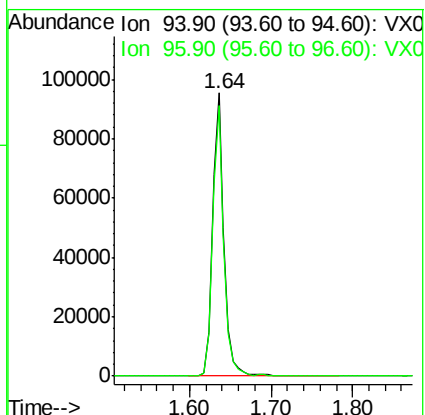
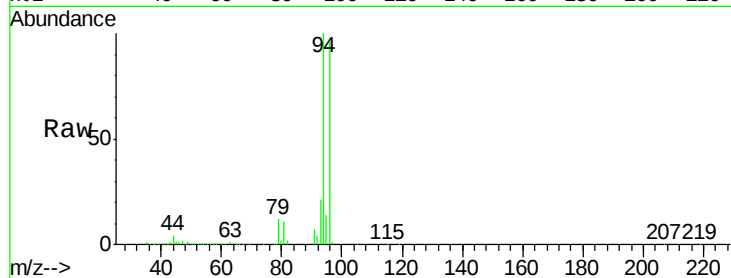
ICVVX071918

Tot Ion: 94 Resp: 94208

Ion Ratio Lower Upper

94 100

96 95.6 74.9 112.3



#6

Chloroethane

Concen: 48.93 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX003470.D

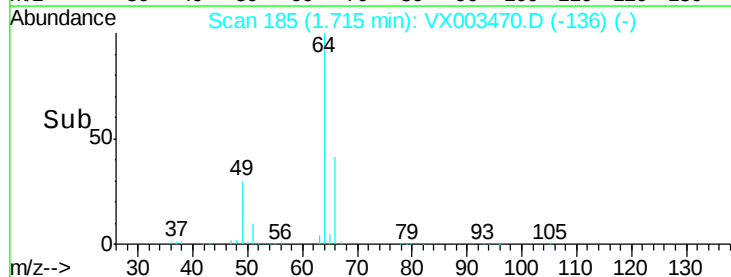
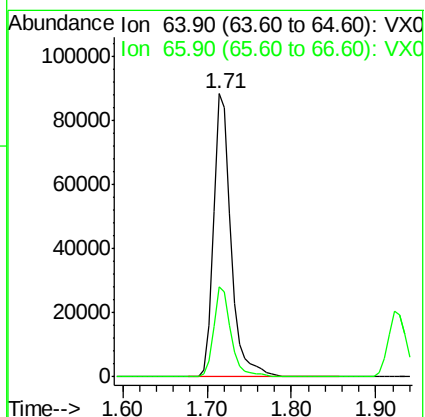
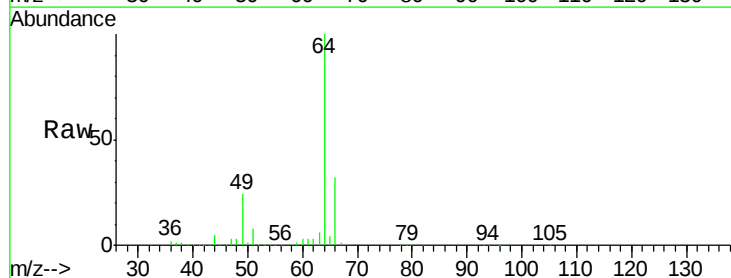
Acq: 19 Jul 2018 17:26

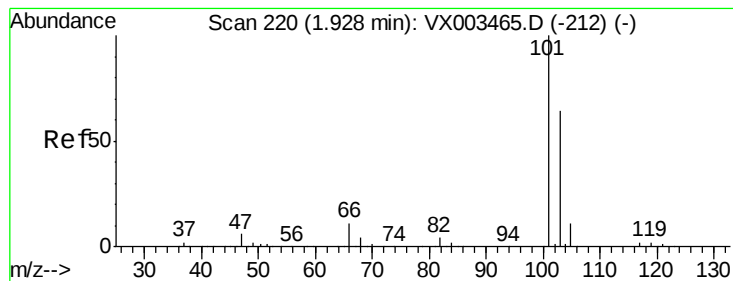
Tgt Ion: 64 Resp: 126888

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

Trichlorofluoromethane

Concen: 47.99 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

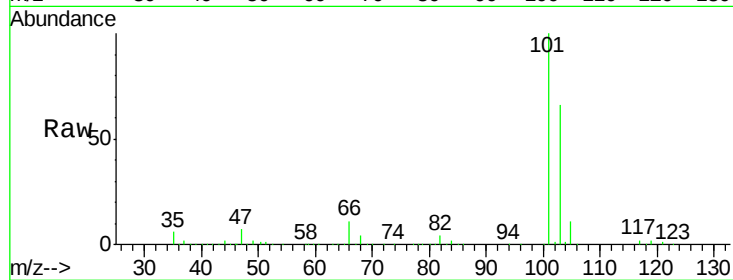
ICVVX071918

Tot Ion:101 Resp: 280565

Ion Ratio Lower Upper

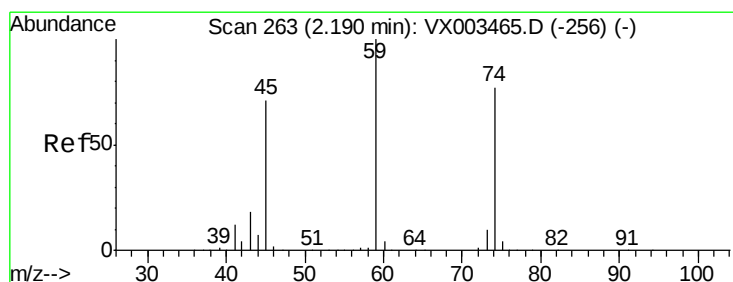
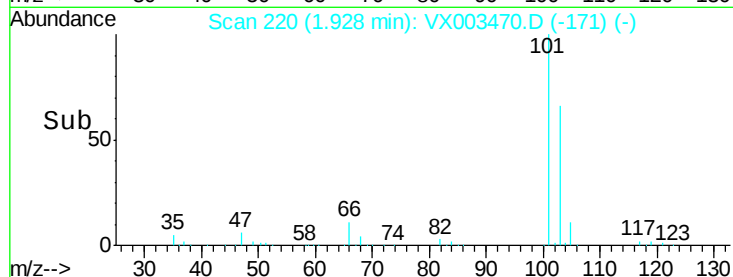
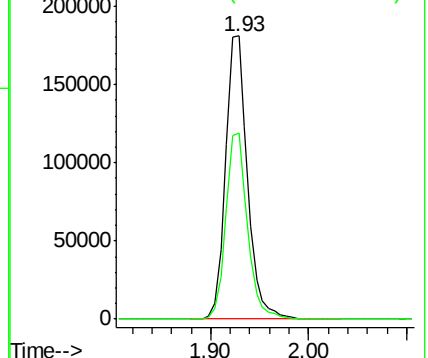
101 100

103 65.6 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.26 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX003470.D

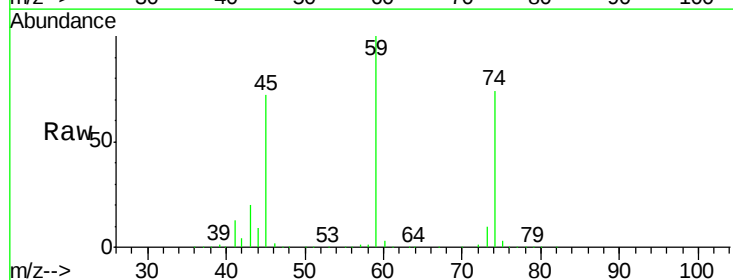
Acq: 19 Jul 2018 17:26

Tgt Ion: 74 Resp: 118683

Ion Ratio Lower Upper

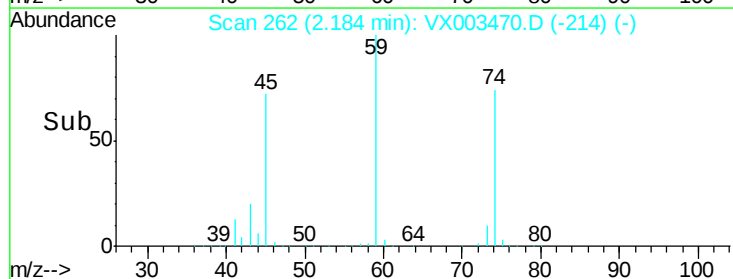
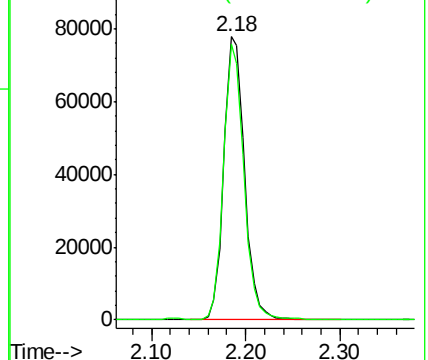
74 100

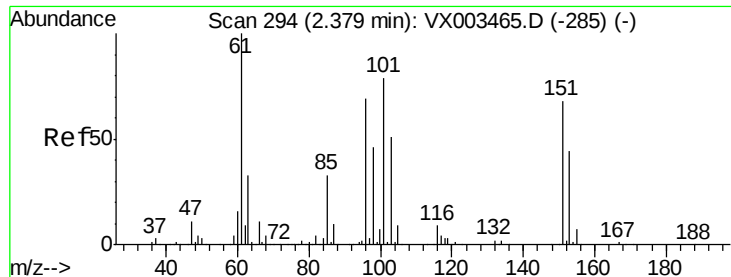
45 95.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.54 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

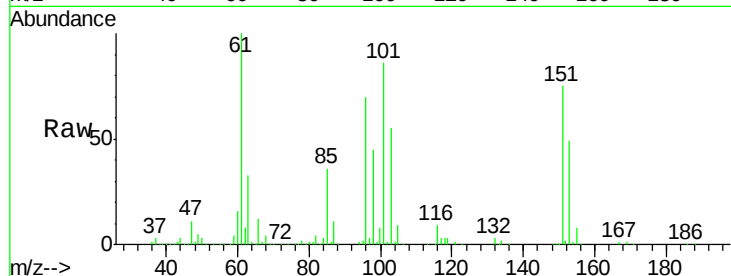
Tot Ion:101 Resp: 181936

Ion Ratio Lower Upper

101 100

85 41.8 36.0 54.0

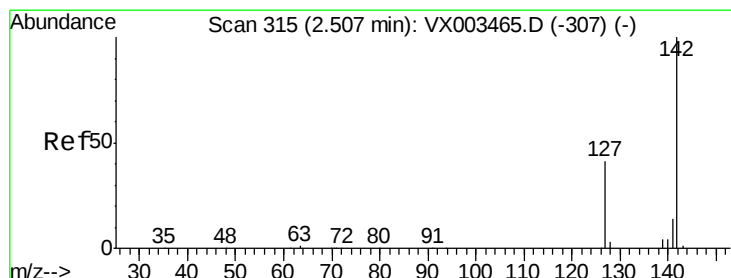
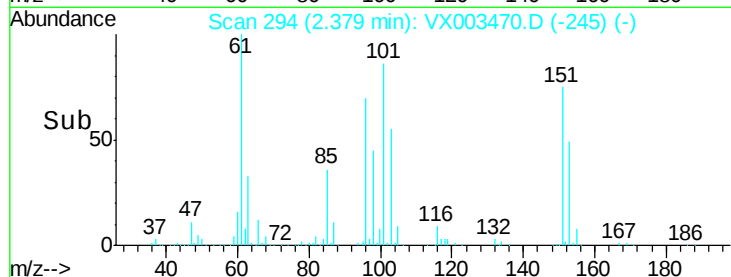
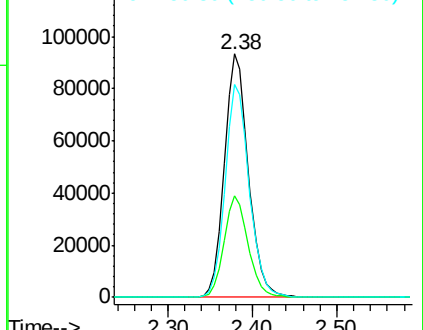
151 87.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.69 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

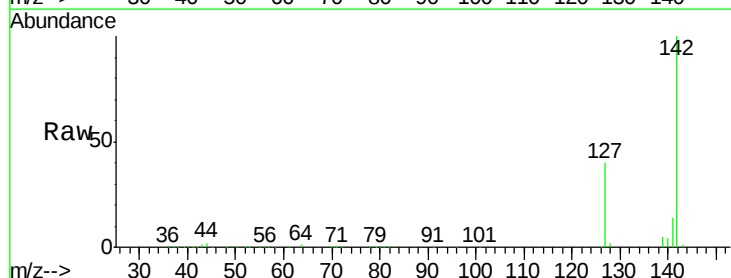
Tgt Ion:142 Resp: 187062

Ion Ratio Lower Upper

142 100

127 39.6 36.6 55.0

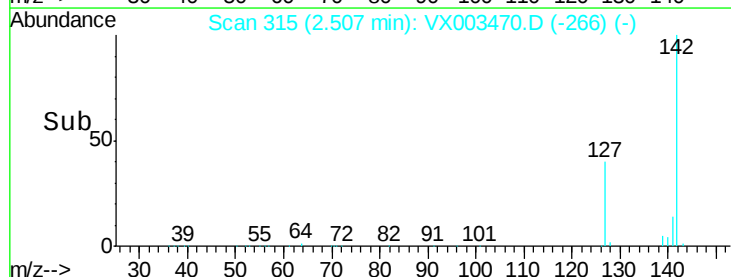
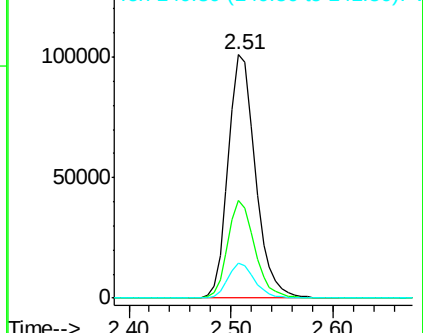
141 14.2 11.3 16.9

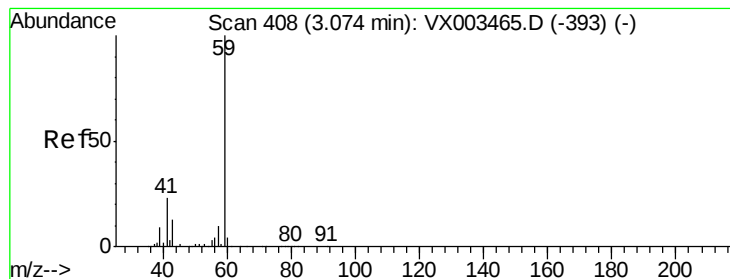


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



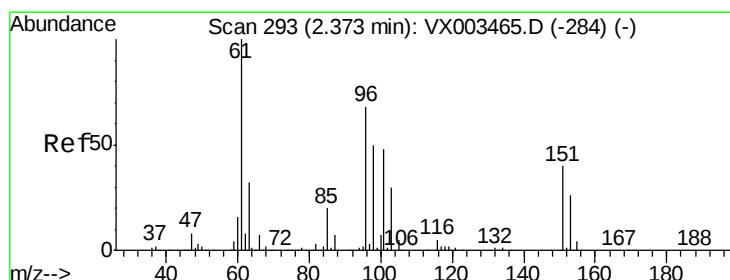
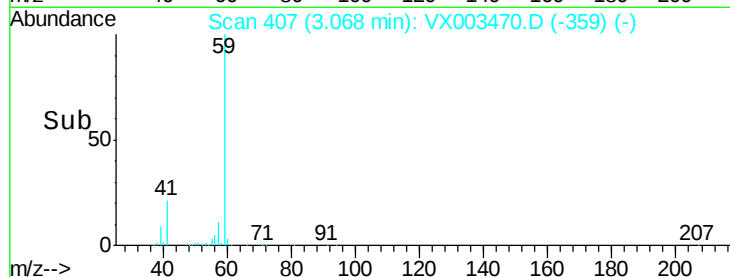
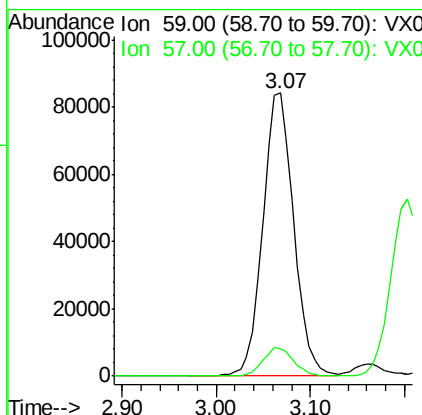
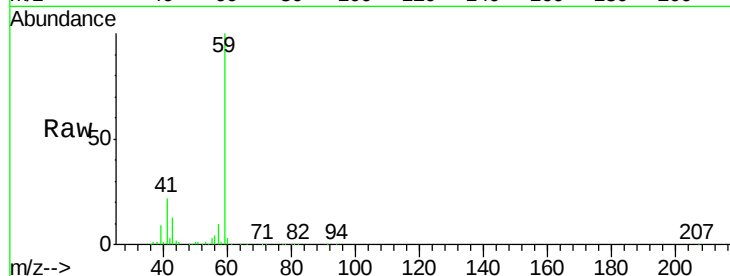


#11

Tert butyl alcohol  
Concen: 239.66 ug/l  
RT: 3.07 min Scan# 407  
Delta R.T. -0.01 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

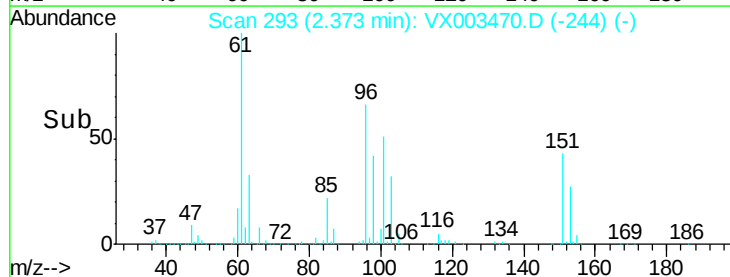
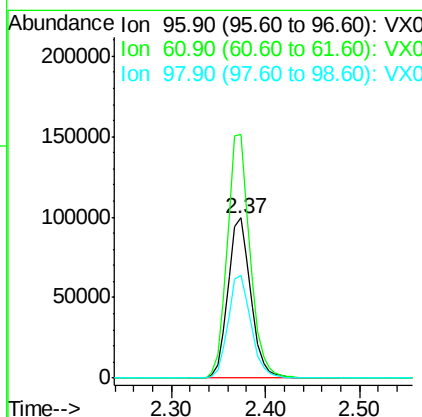
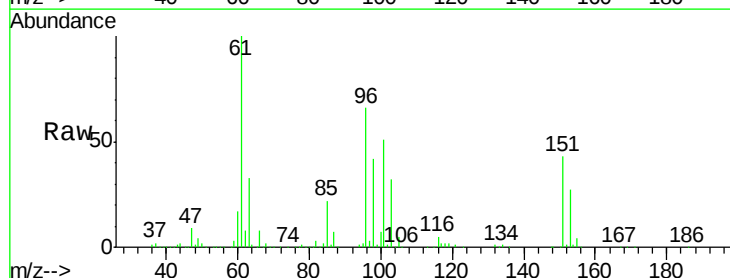
Tot Ion: 59 Resp: 193662  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.2 12.2

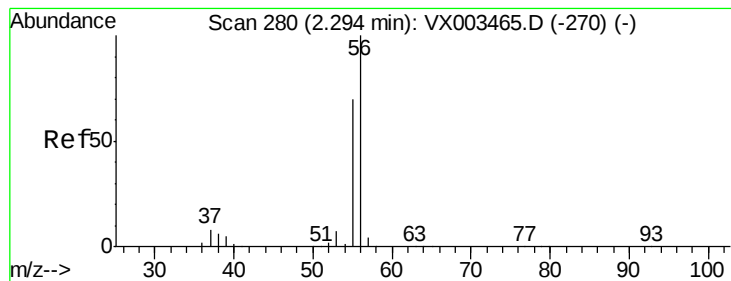


#12

1,1-Dichloroethene  
Concen: 47.53 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion: 96 Resp: 167473  
Ion Ratio Lower Upper  
96 100  
61 151.9 137.9 206.9  
98 63.9 51.6 77.4





#13

Acrolein

Concen: 221.15 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

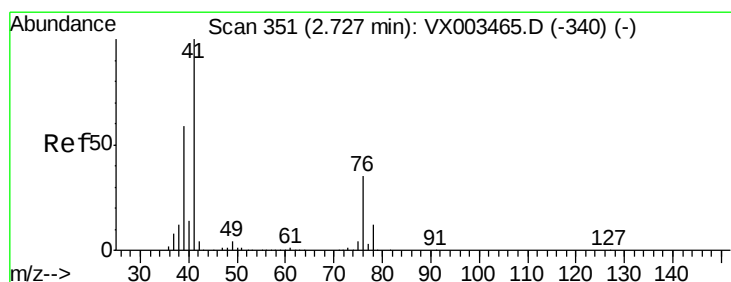
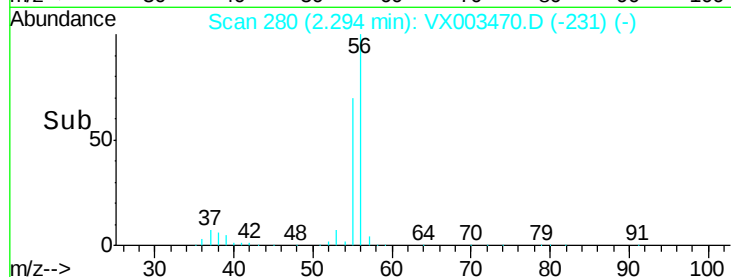
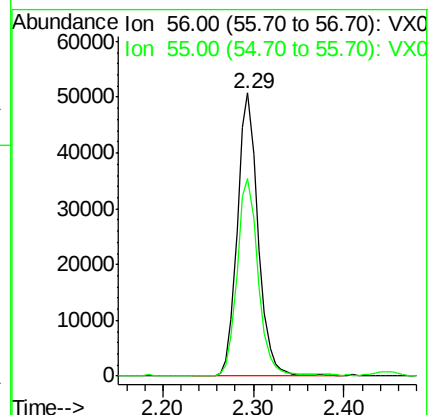
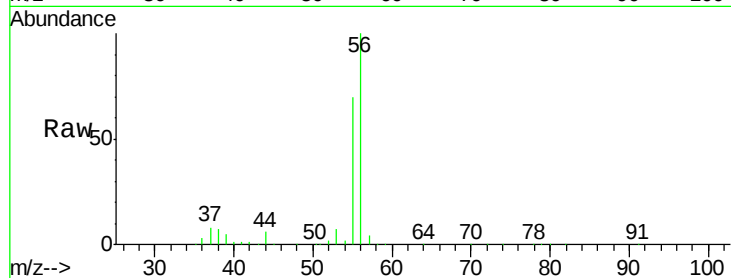
ICVVX071918

Tot Ion: 56 Resp: 80743

Ion Ratio Lower Upper

56 100

55 70.1 57.0 85.4



#14

Allyl chloride

Concen: 48.78 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

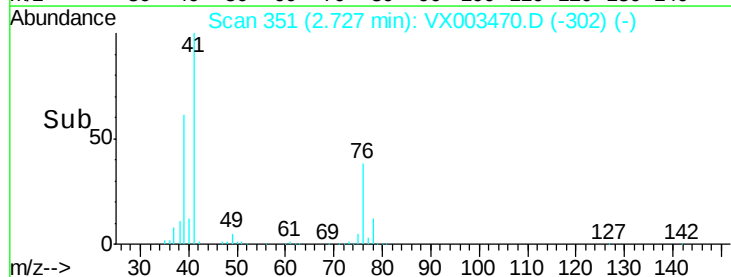
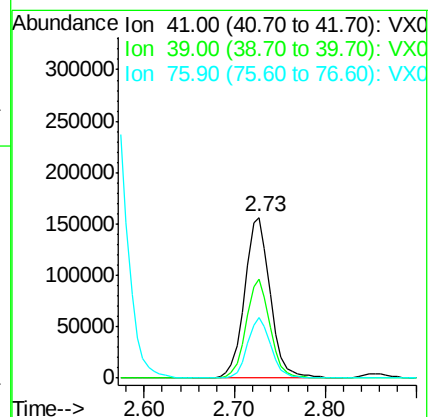
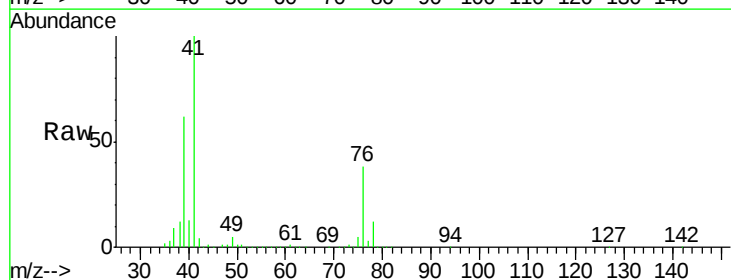
Tgt Ion: 41 Resp: 304263

Ion Ratio Lower Upper

41 100

39 57.8 56.8 85.2

76 34.5 23.8 35.8





#15

Acrylonitrile

Concen: 236.83 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

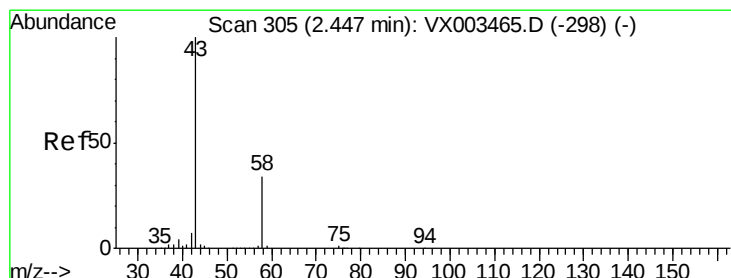
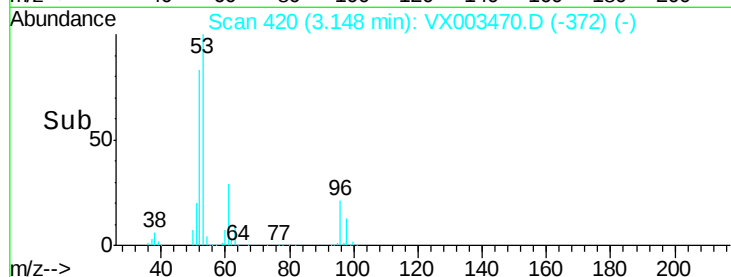
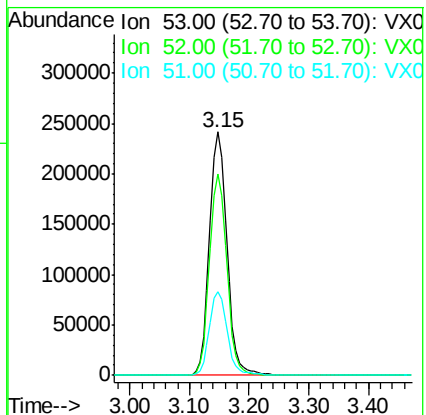
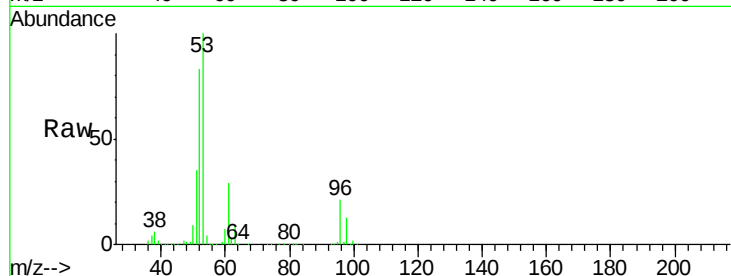
Tot Ion: 53 Resp: 487231

Ion Ratio Lower Upper

53 100

52 82.2 66.7 100.1

51 35.1 29.9 44.9



#16

Acetone

Concen: 231.74 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003470.D

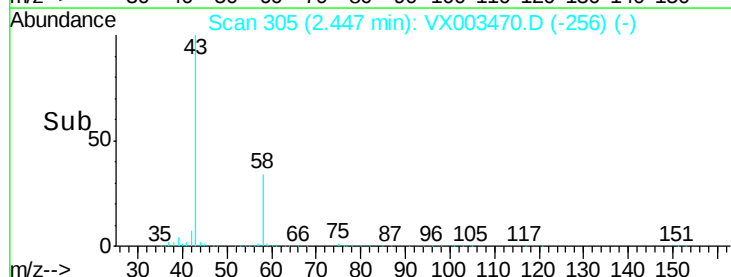
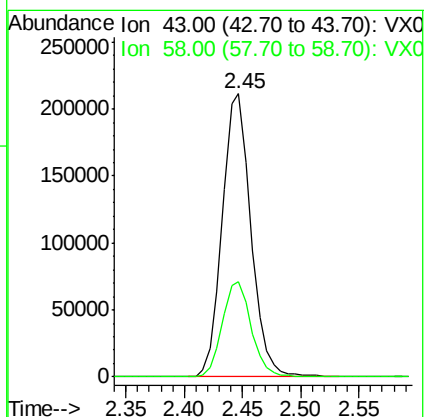
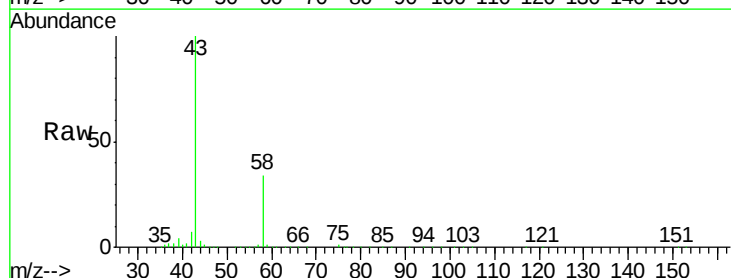
Acq: 19 Jul 2018 17:26

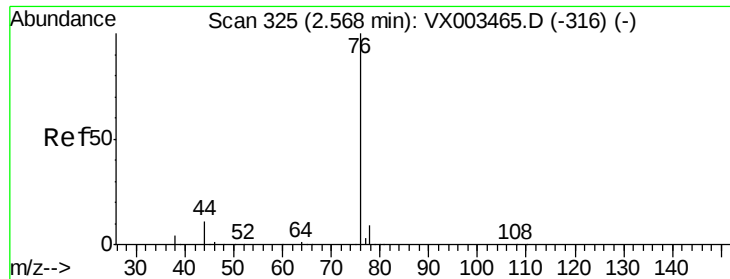
Tgt Ion: 43 Resp: 357467

Ion Ratio Lower Upper

43 100

58 33.7 22.1 33.1#

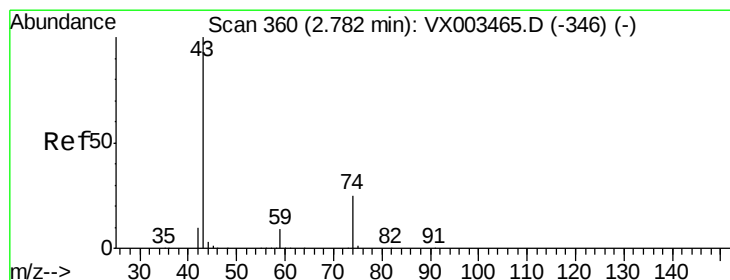
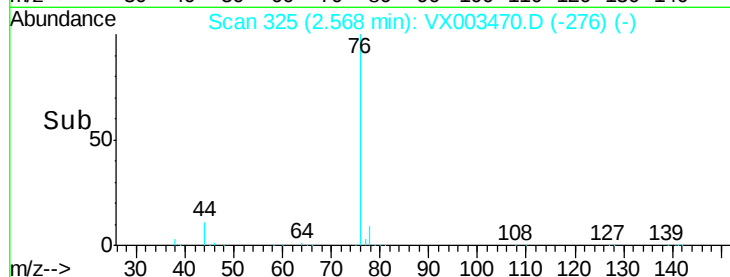
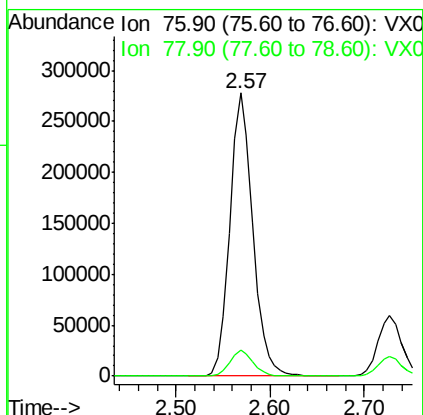
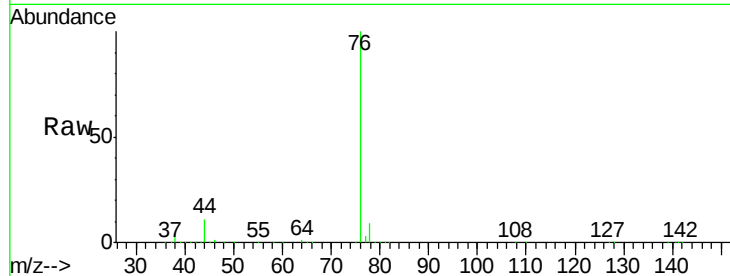




#17  
Carbon Disulfide  
Concen: 49.44 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

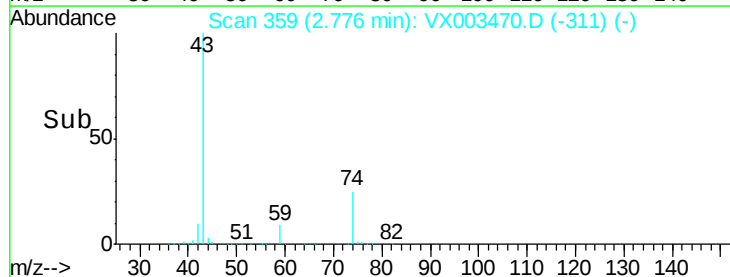
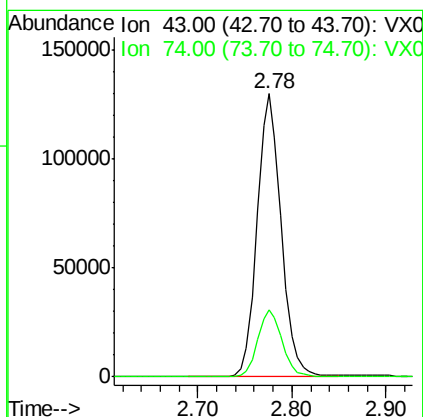
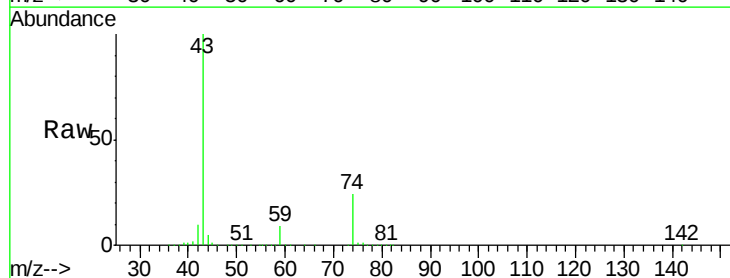
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

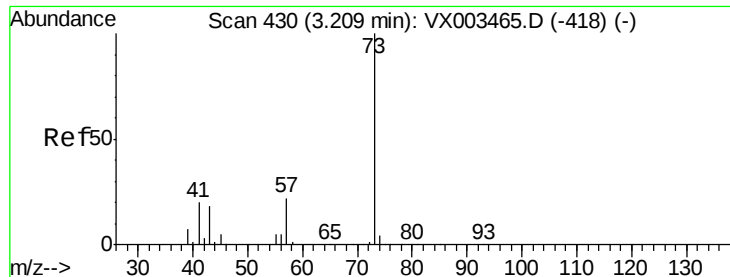
Tot Ion: 76 Resp: 471141  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.9 10.3



#18  
Methyl Acetate  
Concen: 48.16 ug/l  
RT: 2.78 min Scan# 359  
Delta R.T. -0.01 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion: 43 Resp: 234201  
Ion Ratio Lower Upper  
43 100  
74 24.4 16.7 25.1



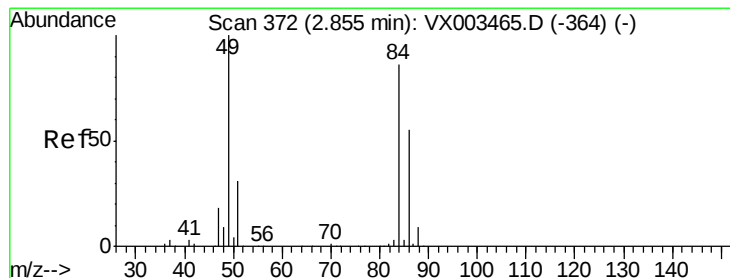
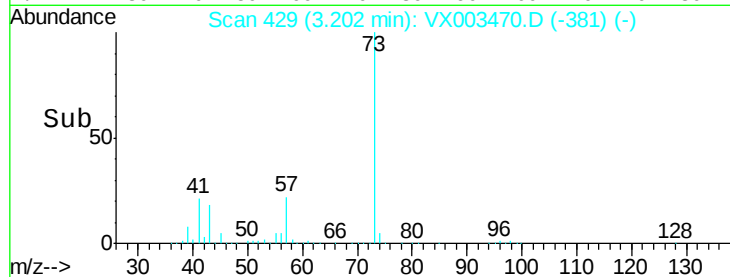
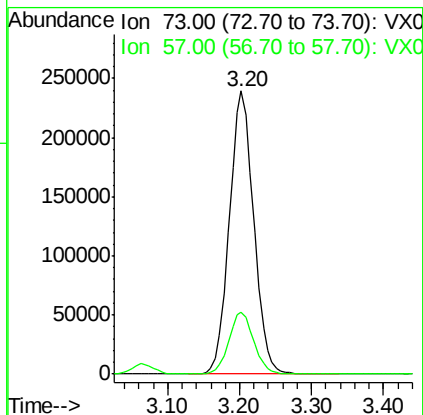
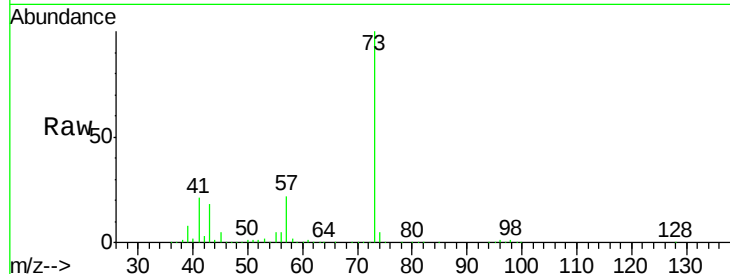


#19

Methyl tert-butyl Ether  
 Concen: 48.98 ug/l  
 RT: 3.20 min Scan# 429  
 Delta R.T. -0.01 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 ICVVX071918

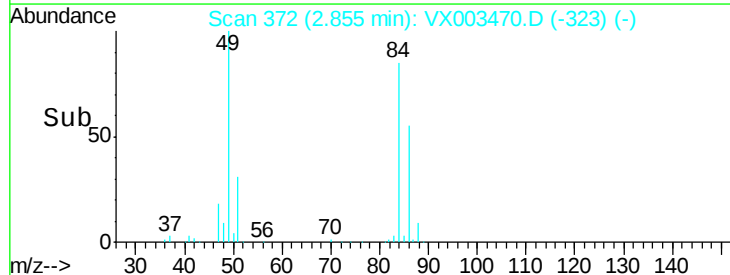
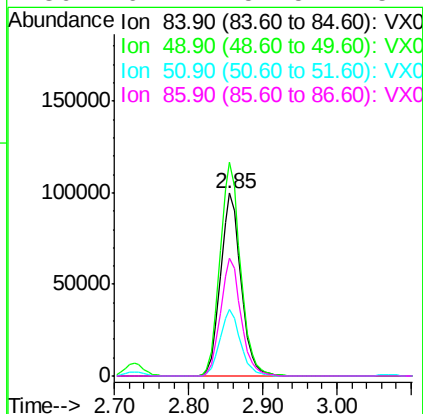
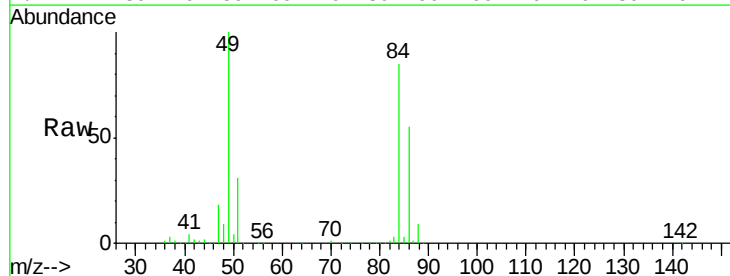
Tot Ion: 73 Resp: 563507  
 Ion Ratio Lower Upper  
 73 100  
 57 22.0 17.7 26.5



#20

Methylene Chloride  
 Concen: 50.51 ug/l  
 RT: 2.85 min Scan# 372  
 Delta R.T. 0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Tgt Ion: 84 Resp: 190465  
 Ion Ratio Lower Upper  
 84 100  
 49 117.1 107.8 161.6  
 51 36.4 32.8 49.2  
 86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.10 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

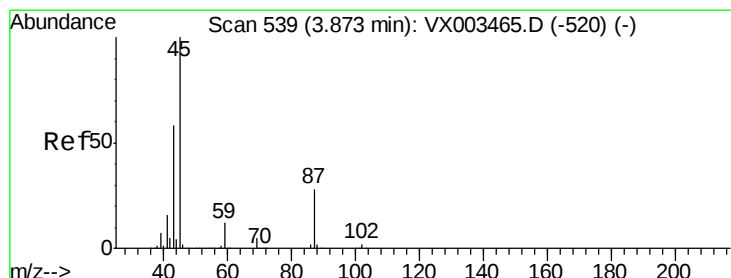
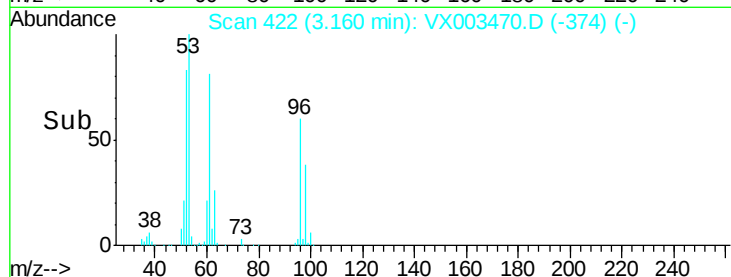
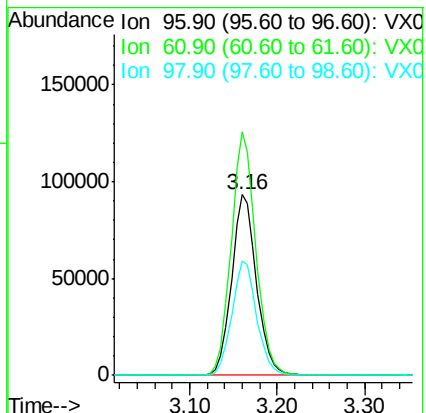
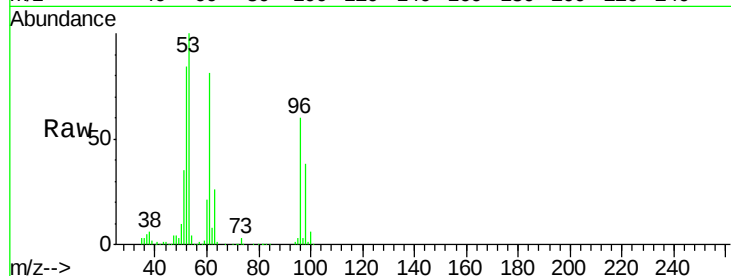
Tot Ion: 96 Resp: 184669

Ion Ratio Lower Upper

96 100

61 134.6 117.0 175.4

98 63.5 52.4 78.6



#22

Diisopropyl ether

Concen: 49.33 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Tgt Ion: 45 Resp: 578986

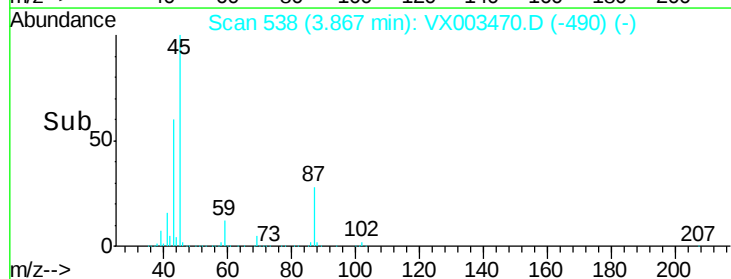
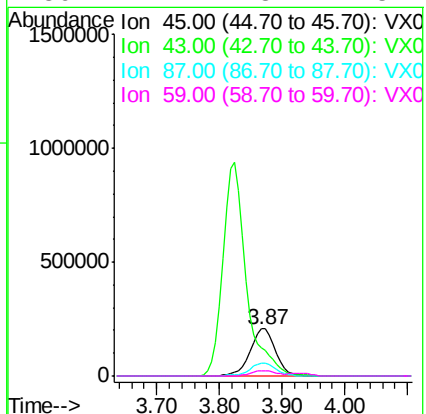
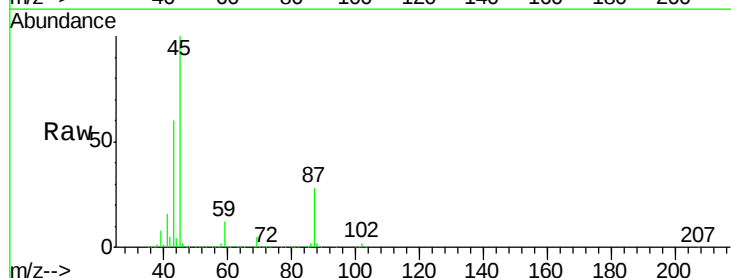
Ion Ratio Lower Upper

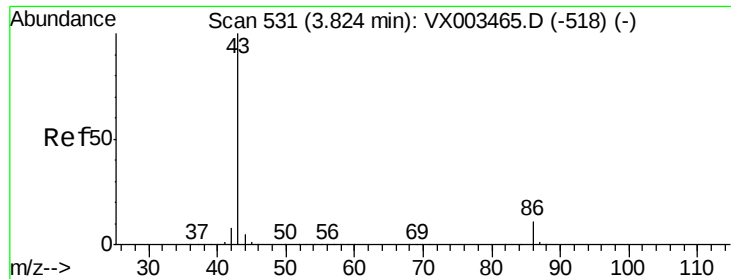
45 100

43 60.1 46.8 70.2

87 28.4 20.2 30.4

59 11.7 8.7 13.1





#23

Vinyl Acetate

Concen: 251.06 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampled :

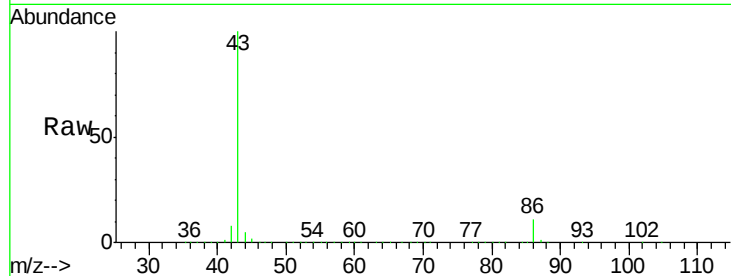
ICVVX071918

Tot Ion: 43 Resp: 2427278

Ion Ratio Lower Upper

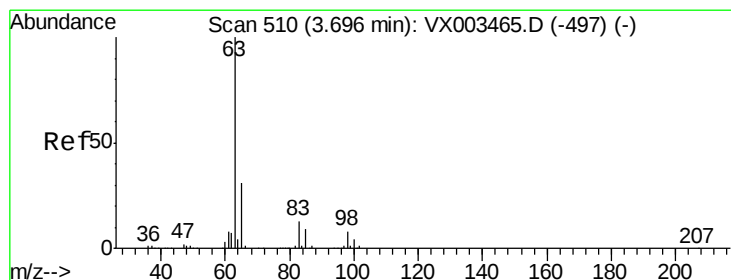
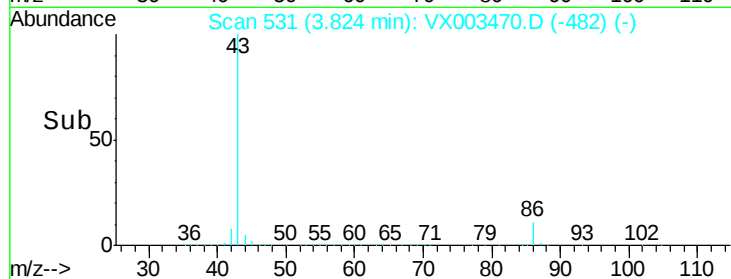
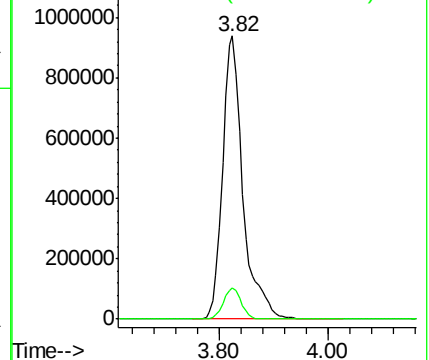
43 100

86 11.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.25 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

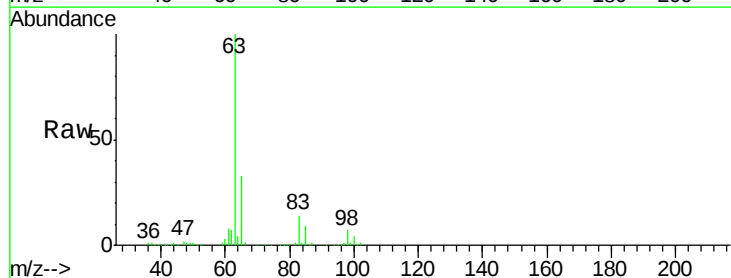
Tgt Ion: 63 Resp: 332276

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

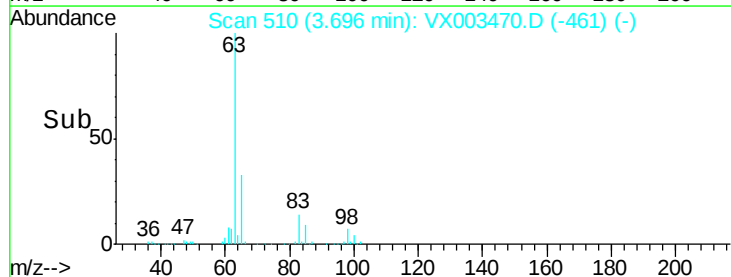
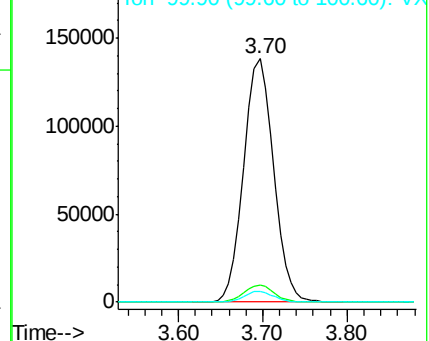
100 4.3 2.0 6.0

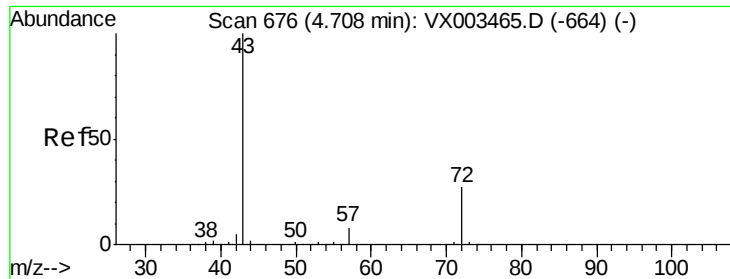


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.61 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampled :

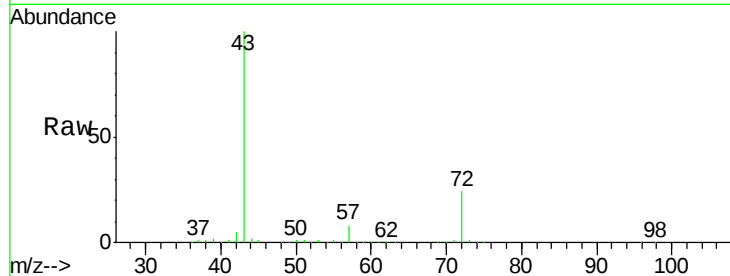
ICVX071918

Tot Ion: 43 Resp: 648581

Ion Ratio Lower Upper

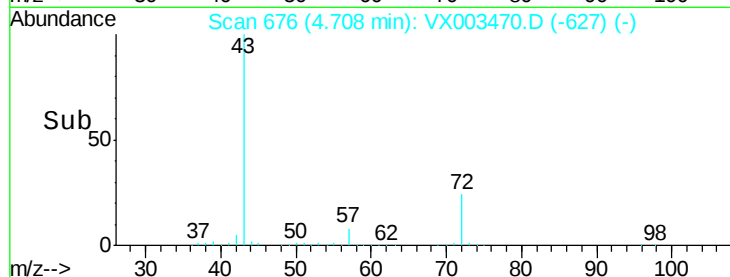
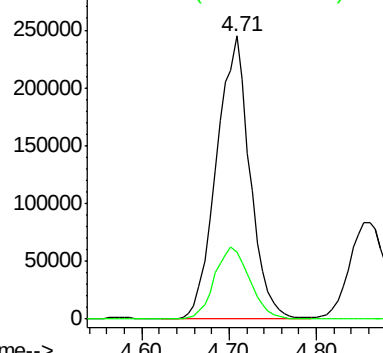
43 100

72 23.8 18.5 27.7

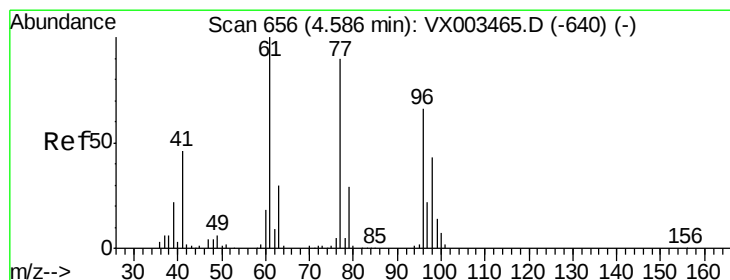


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 50.61 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003470.D

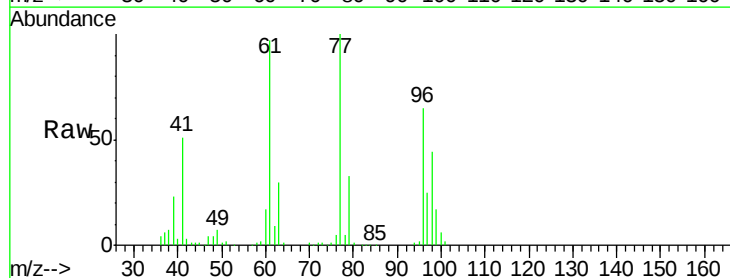
Acq: 19 Jul 2018 17:26

Tgt Ion: 77 Resp: 264697

Ion Ratio Lower Upper

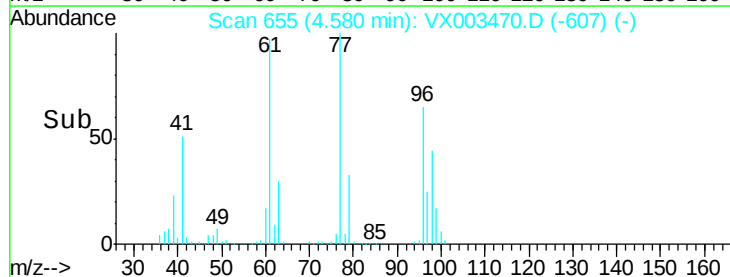
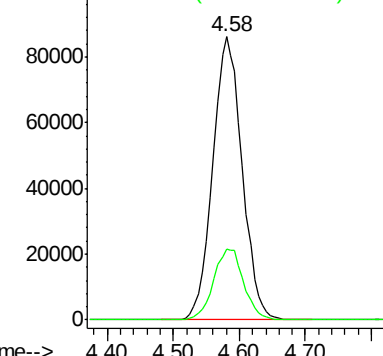
77 100

97 25.6 11.2 33.5

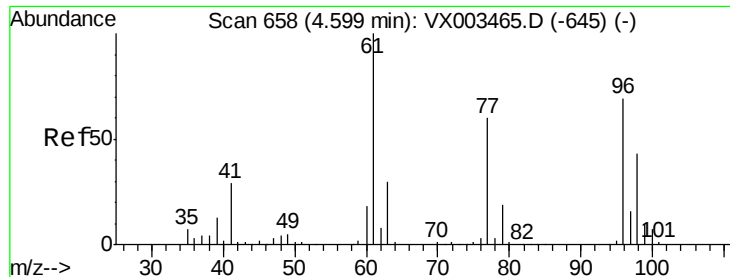


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 50.14 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

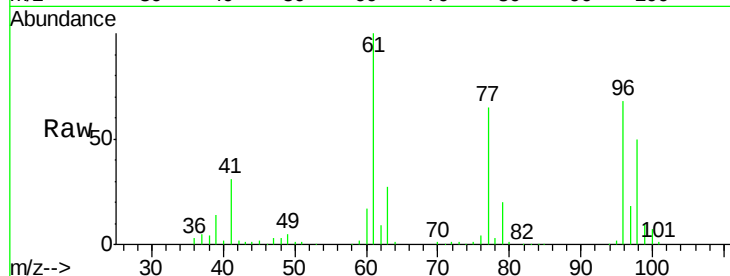
Tot Ion: 96 Resp: 218864

Ion Ratio Lower Upper

96 100

61 155.7 0.0 330.2

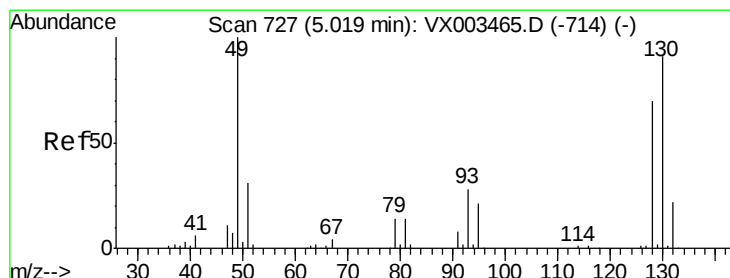
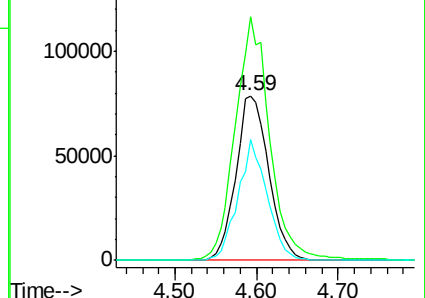
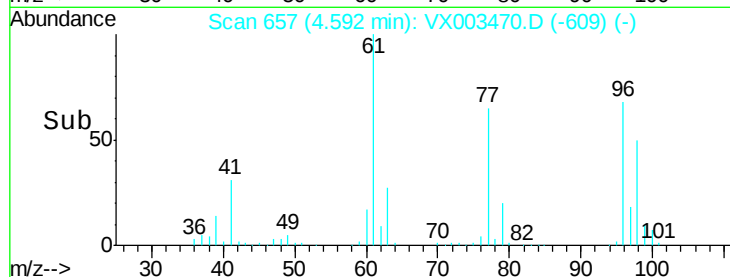
98 65.6 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 48.09 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

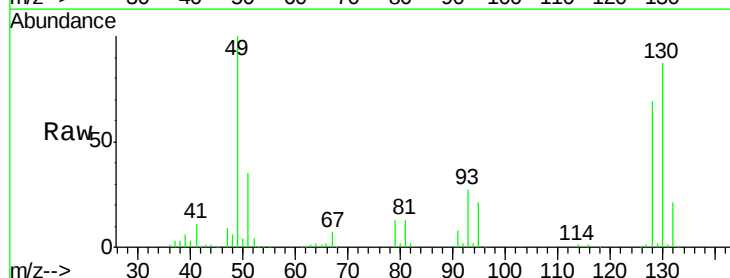
Tgt Ion: 49 Resp: 144740

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

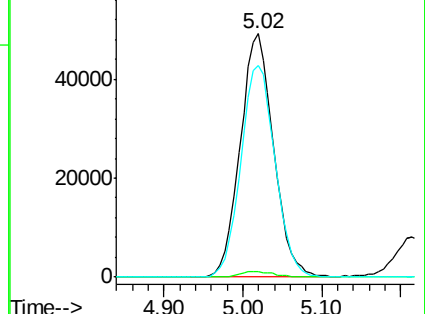
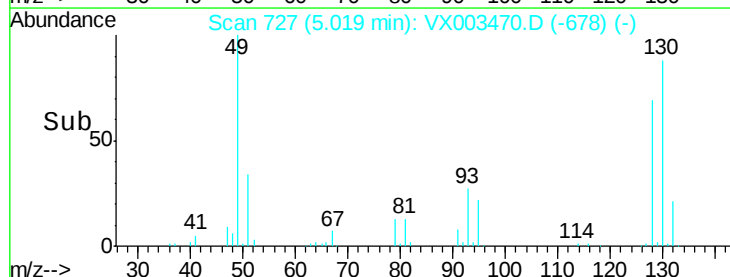
130 89.2 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 243.41 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

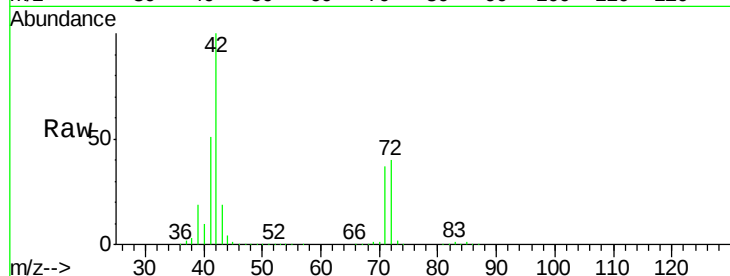
Tot Ion: 42 Resp: 416136

Ion Ratio Lower Upper

42 100

72 45.5 32.0 48.0

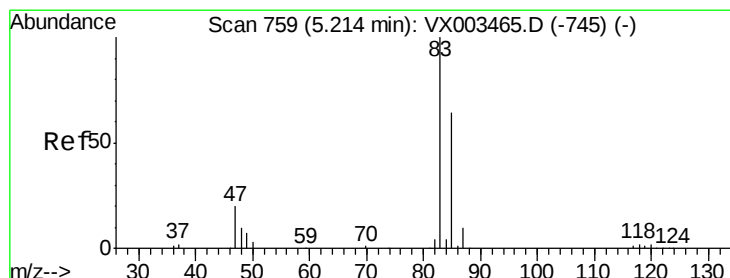
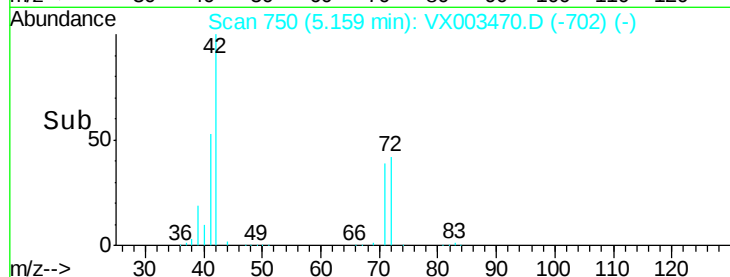
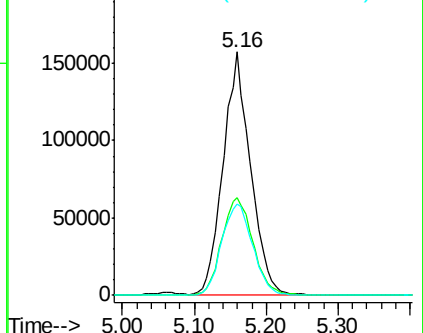
71 42.5 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.95 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003470.D

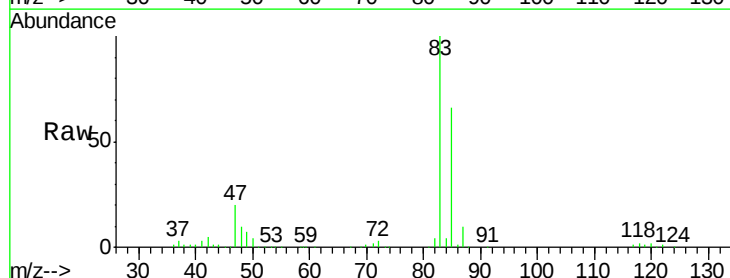
Acq: 19 Jul 2018 17:26

Tgt Ion: 83 Resp: 329169

Ion Ratio Lower Upper

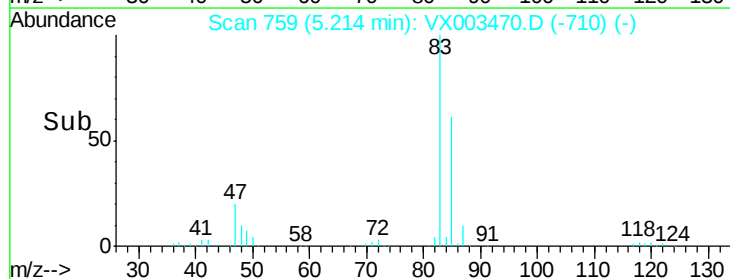
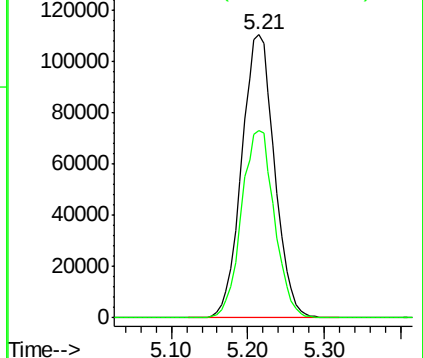
83 100

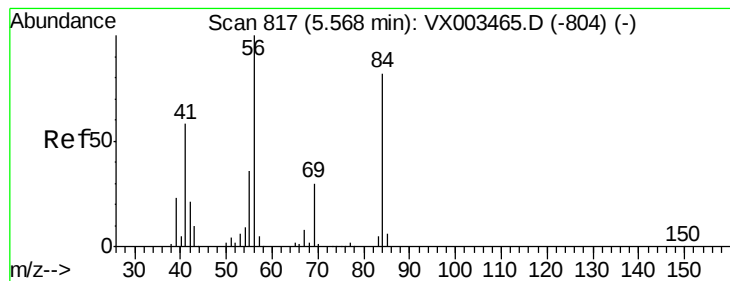
85 66.2 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.46 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVX071918

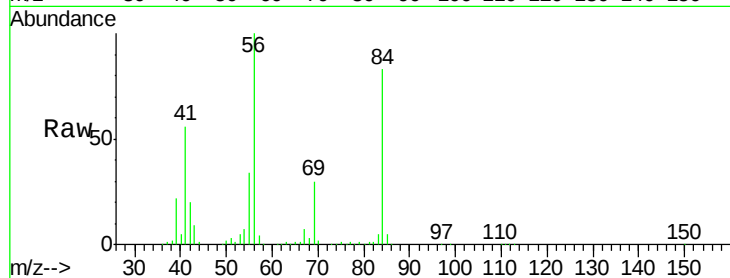
Tot Ion: 56 Resp: 304305

Ion Ratio Lower Upper

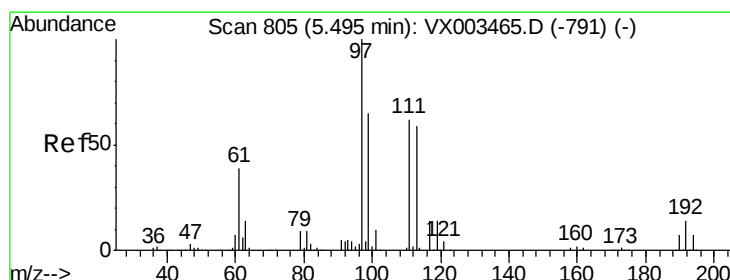
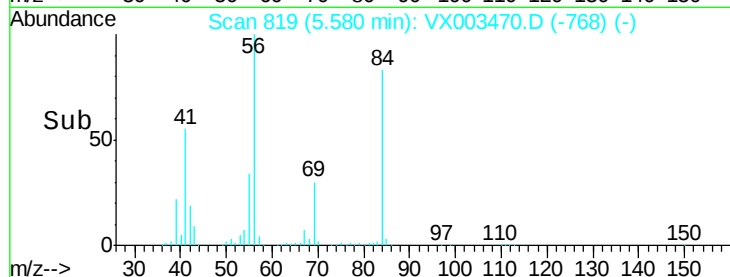
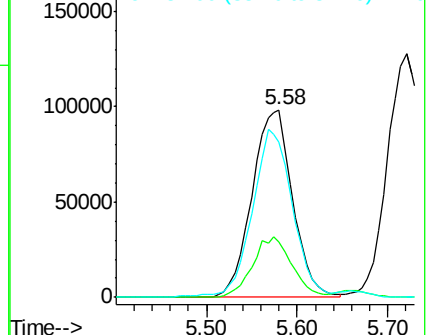
56 100

69 29.7 23.7 35.5

84 81.8 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 49.25 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

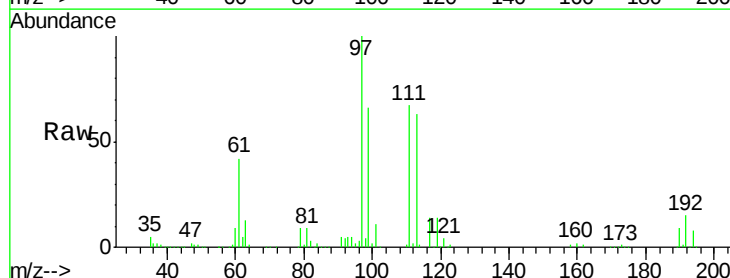
Tgt Ion: 97 Resp: 283609

Ion Ratio Lower Upper

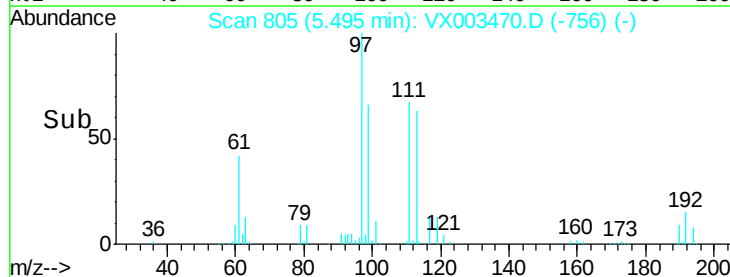
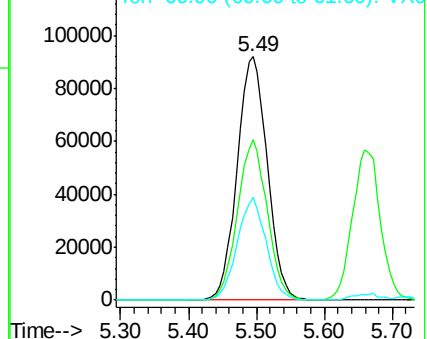
97 100

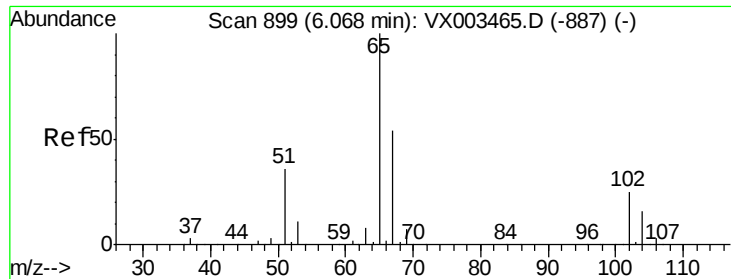
99 64.9 51.6 77.4

61 40.5 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0

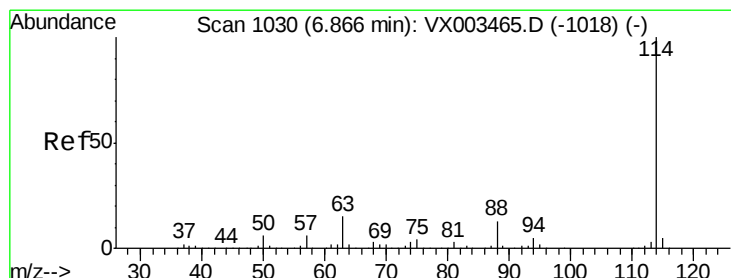
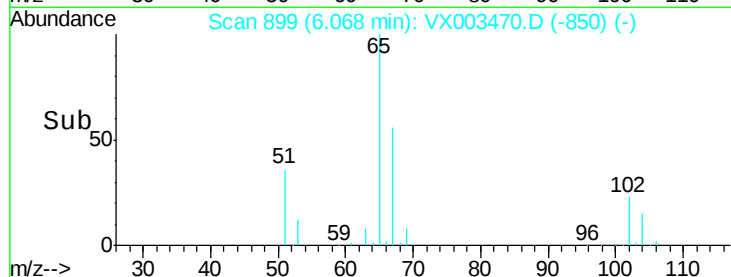
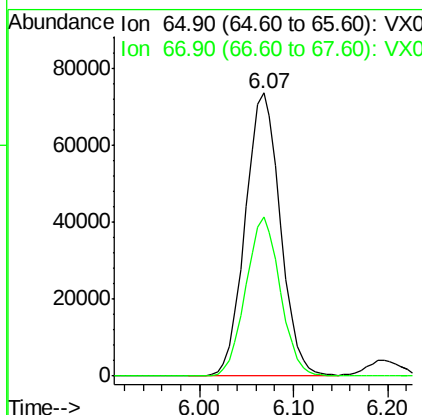
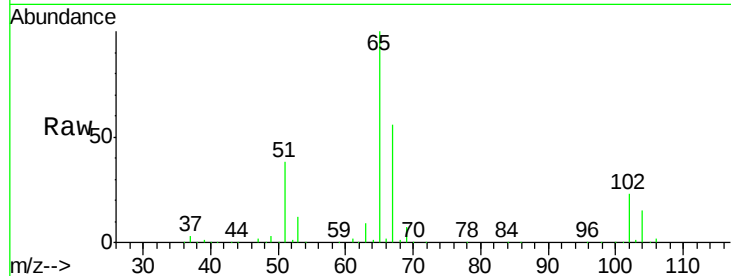




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.80 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

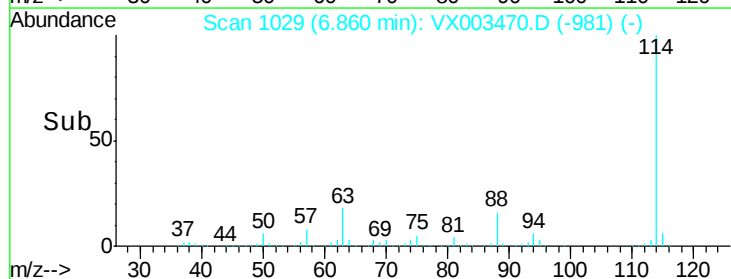
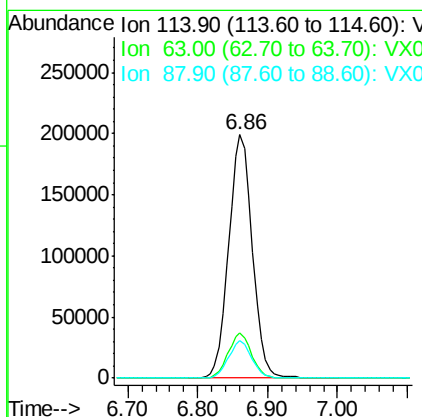
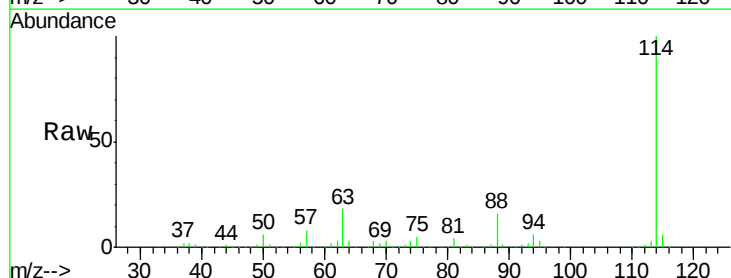
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX071918

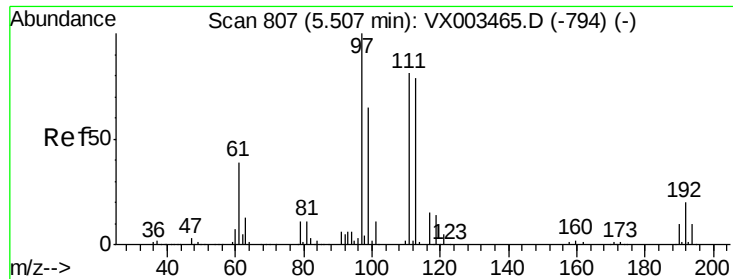
Tot Ion: 65 Resp: 191120  
 Ion Ratio Lower Upper  
 65 100  
 67 55.4 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Tgt Ion: 114 Resp: 465795  
 Ion Ratio Lower Upper  
 114 100  
 63 18.5 0.0 41.4  
 88 15.6 0.0 30.0

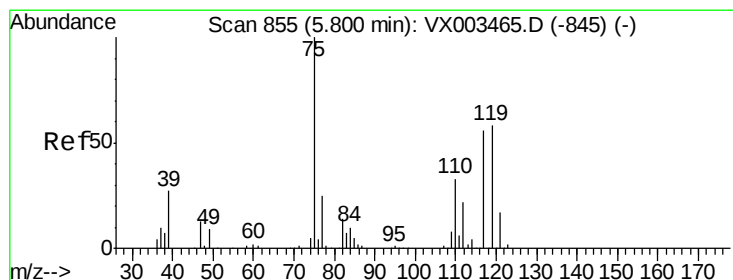
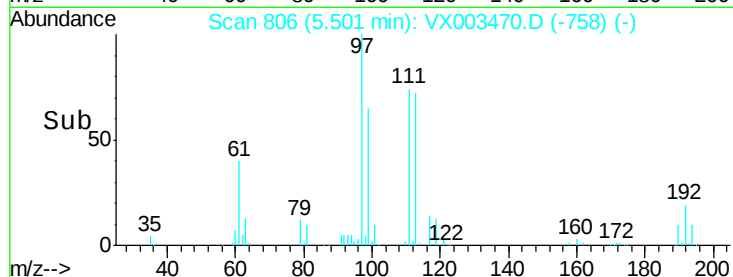
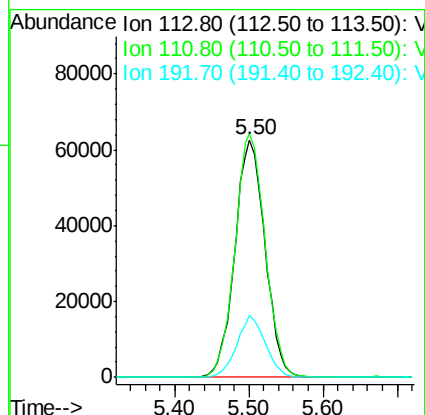
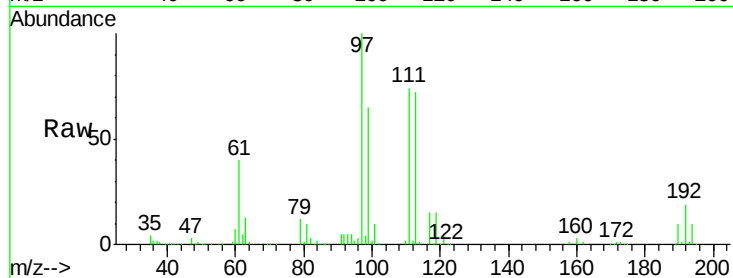




#35  
Dibromofluoromethane  
Concen: 50.17 ug/l  
RT: 5.50 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

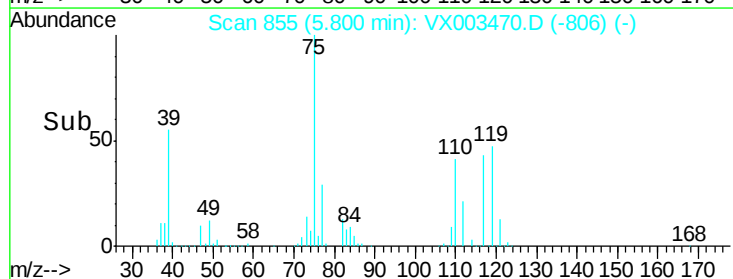
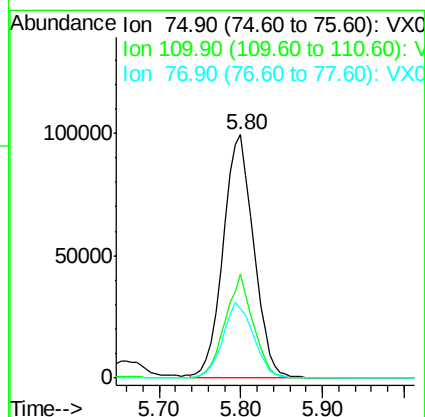
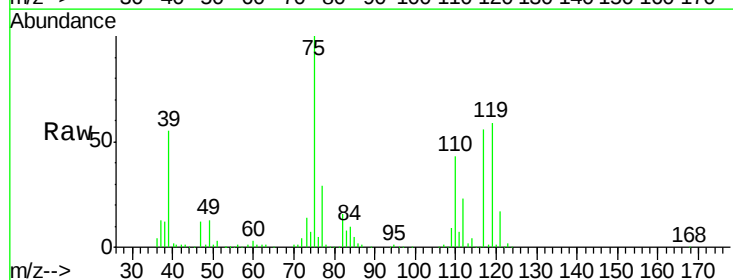
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

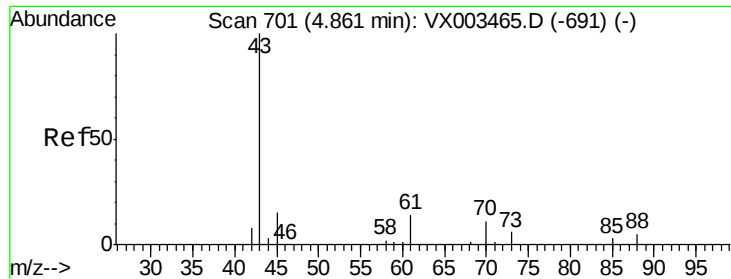
Tot Ion:113 Resp: 178003  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.4 122.0  
192 24.6 19.1 28.7



#36  
1,1-Dichloropropene  
Concen: 51.15 ug/l  
RT: 5.80 min Scan# 855  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion: 75 Resp: 257241  
Ion Ratio Lower Upper  
75 100  
110 39.3 18.1 54.4  
77 31.1 24.3 36.5

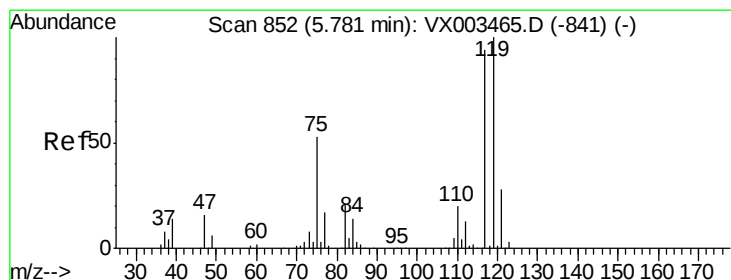
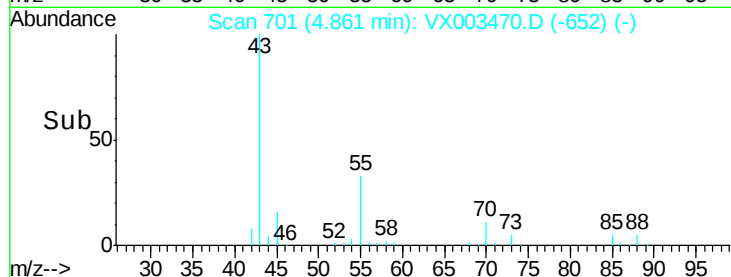
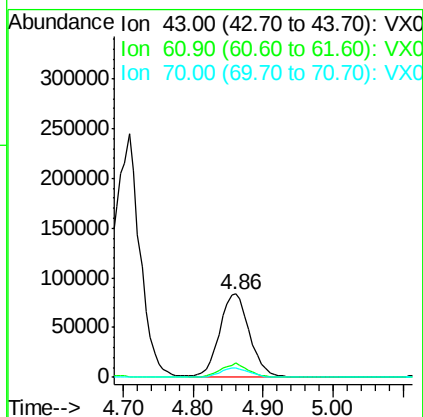
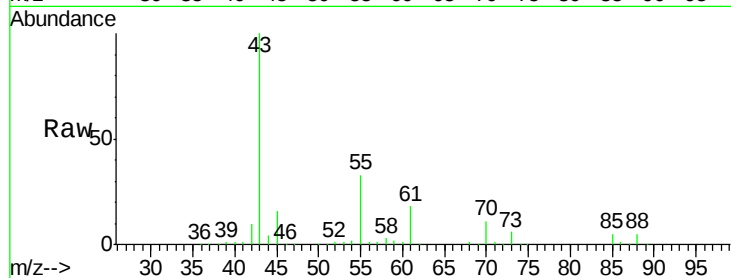




#37  
Ethyl Acetate  
Concen: 52.51 ug/l  
RT: 4.86 min Scan# 701  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

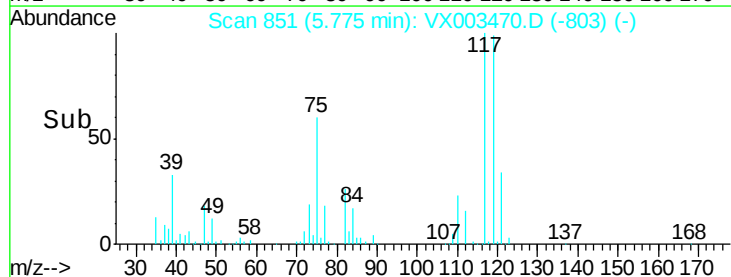
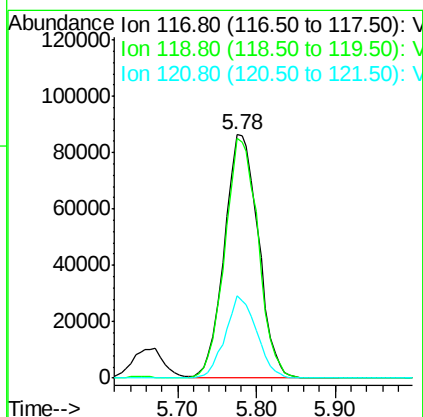
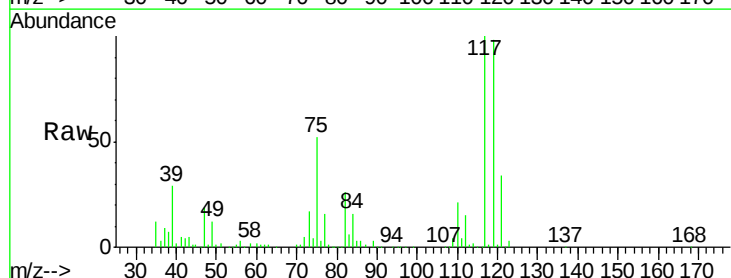
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

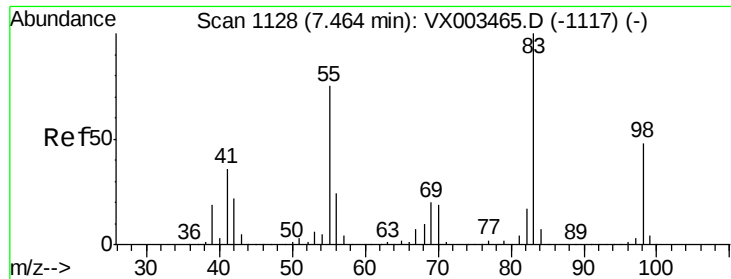
Tot Ion: 43 Resp: 249895  
Ion Ratio Lower Upper  
43 100  
61 15.0 10.4 15.6  
70 10.9 7.6 11.4



#38  
Carbon Tetrachloride  
Concen: 52.42 ug/l  
RT: 5.78 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion: 117 Resp: 258593  
Ion Ratio Lower Upper  
117 100  
119 98.2 77.4 116.0  
121 33.7 24.4 36.6

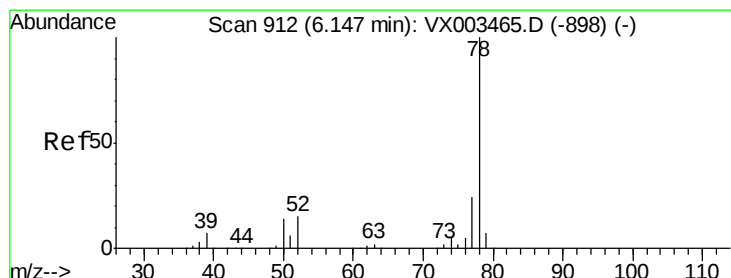
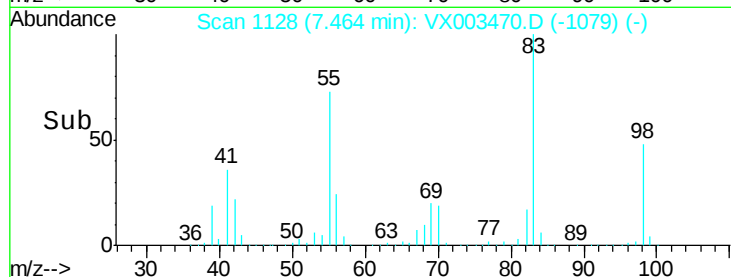
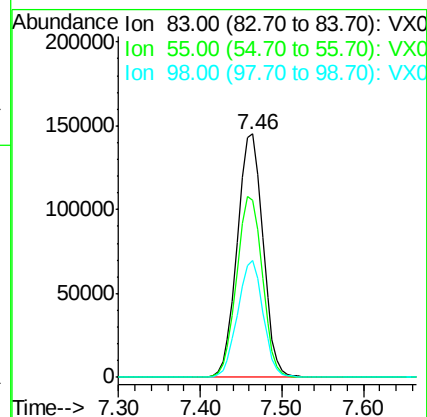
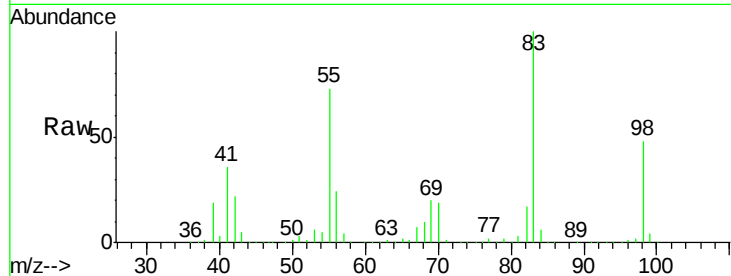




#39  
Methvlcvclohexane  
Concen: 53.02 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

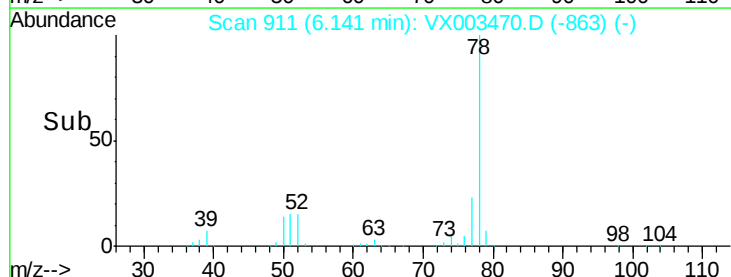
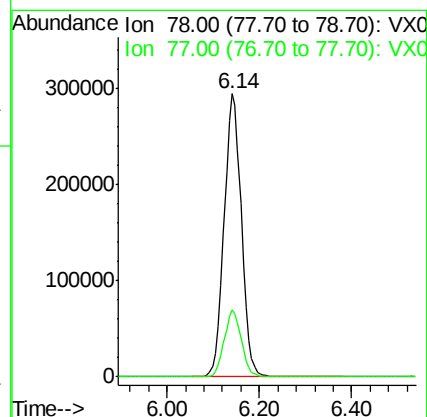
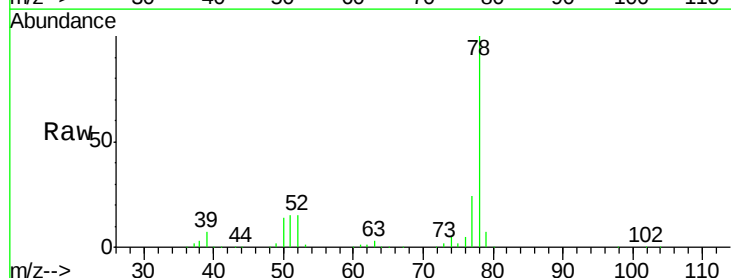
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

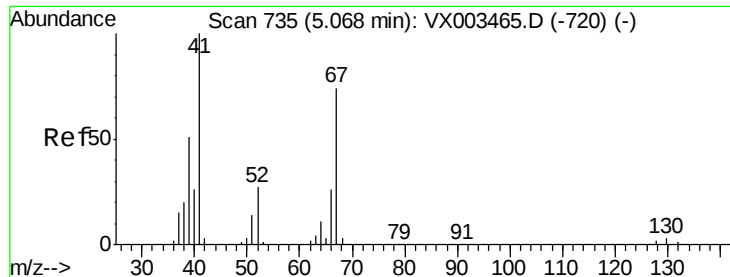
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.9  | 65.4  | 98.0  |
| 98      | 47.9  | 37.4  | 56.0  |



#40  
Benzene  
Concen: 50.34 ug/l  
RT: 6.14 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 19.1  | 28.7  |





#41

Methacrylonitrile

Concen: 50.13 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

Tot Ion: 41 Resp: 140221

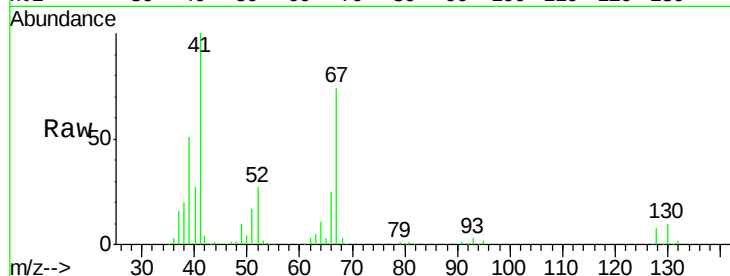
Ion Ratio Lower Upper

41 100

39 52.8 45.8 68.6

67 76.8 51.3 76.9

52 29.0 23.0 34.6

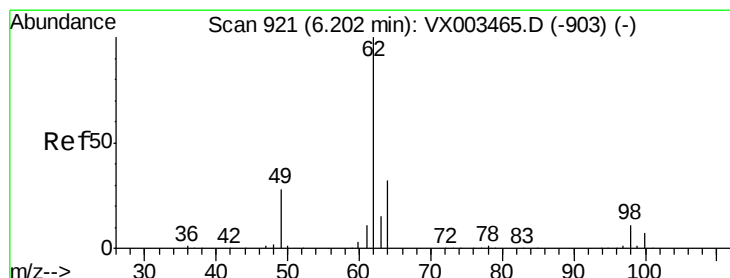
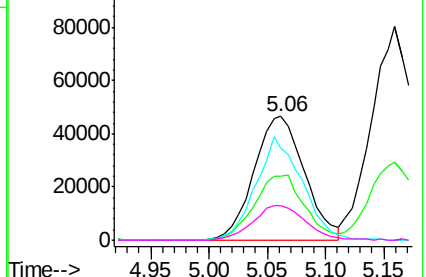
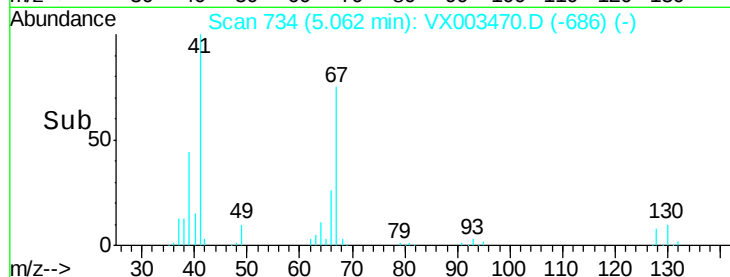


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.55 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: VX003470.D

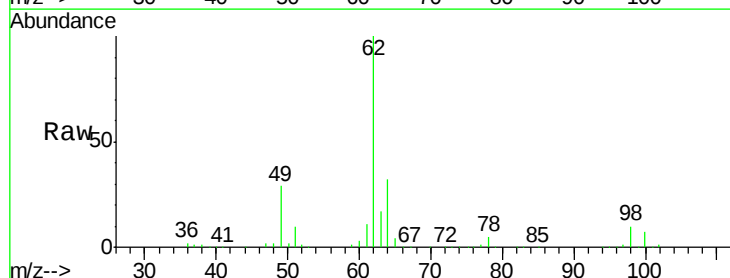
Acq: 19 Jul 2018 17:26

Tgt Ion: 62 Resp: 241845

Ion Ratio Lower Upper

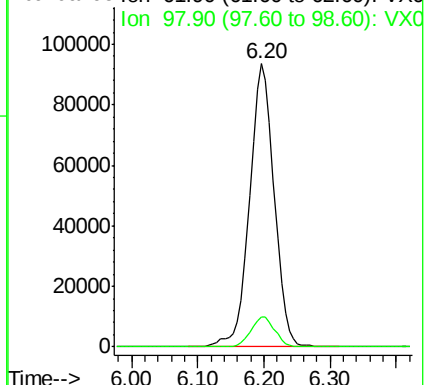
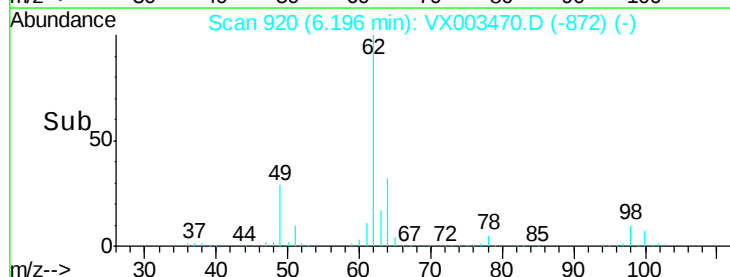
62 100

98 10.4 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



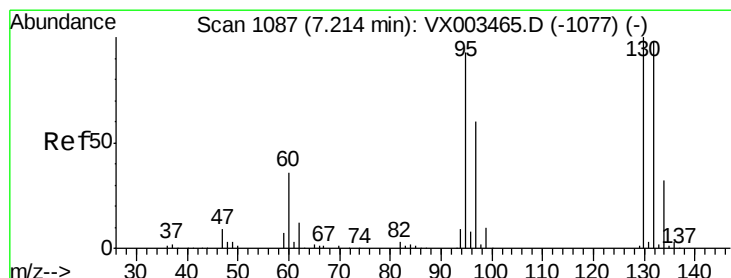
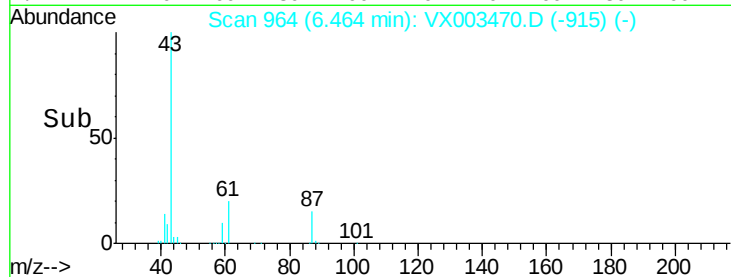
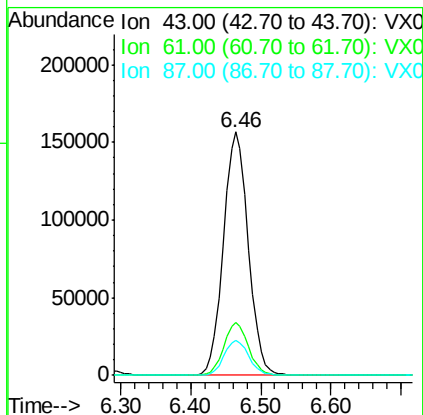
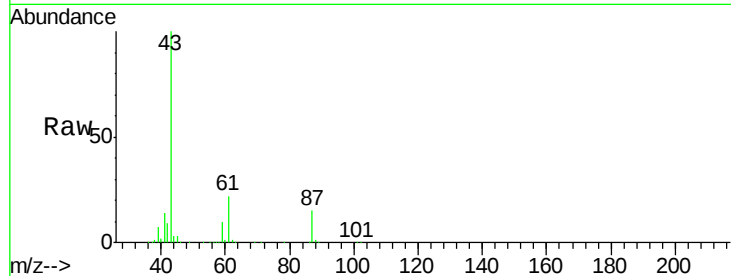


#43

Isopropyl Acetate  
 Concen: 50.83 ug/l  
 RT: 6.46 min Scan# 964  
 Delta R.T. -0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX071918

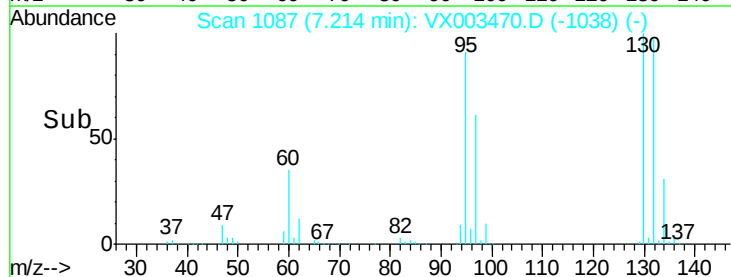
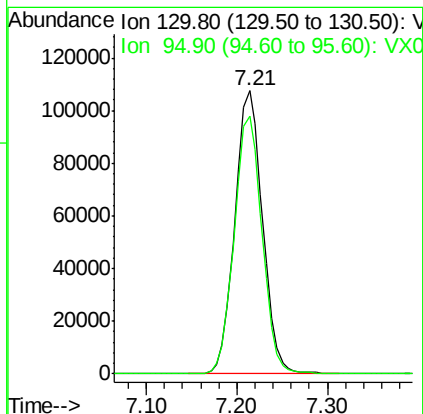
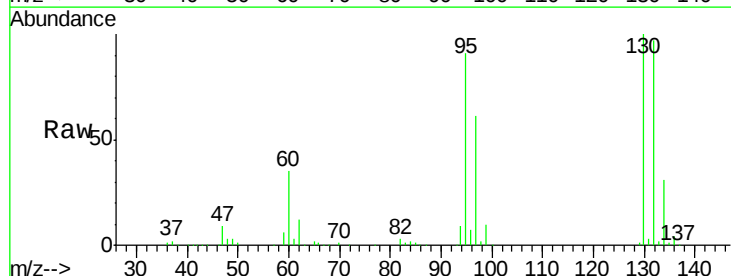
Tot Ion: 43 Resp: 384815  
 Ion Ratio Lower Upper  
 43 100  
 61 21.5 14.4 21.6  
 87 14.5 9.5 14.3#



#44

Trichloroethene  
 Concen: 50.40 ug/l  
 RT: 7.21 min Scan# 1087  
 Delta R.T. 0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Tgt Ion: 130 Resp: 228215  
 Ion Ratio Lower Upper  
 130 100  
 95 91.1 0.0 185.4





#45

1,2-Dichloropropane

Concen: 50.95 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

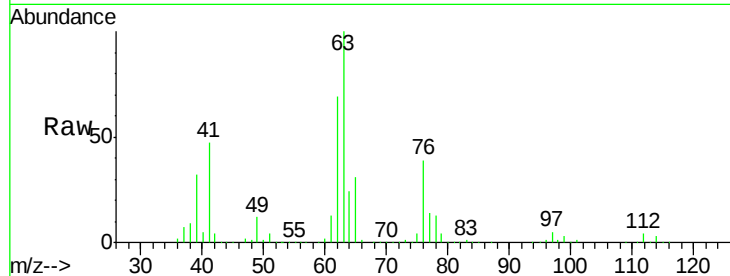
ICVVX071918

Tot Ion: 63 Resp: 196453

Ion Ratio Lower Upper

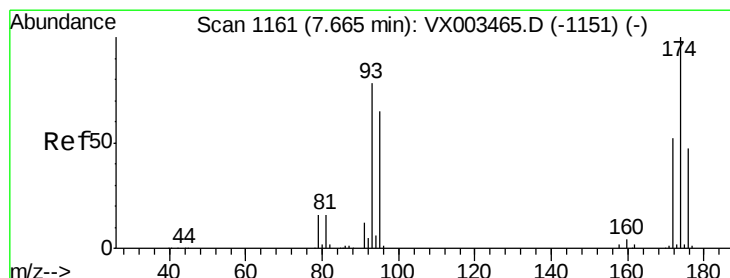
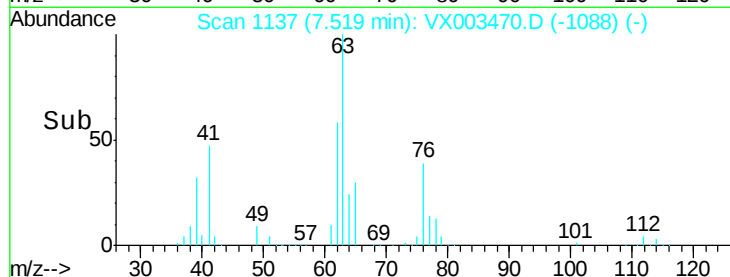
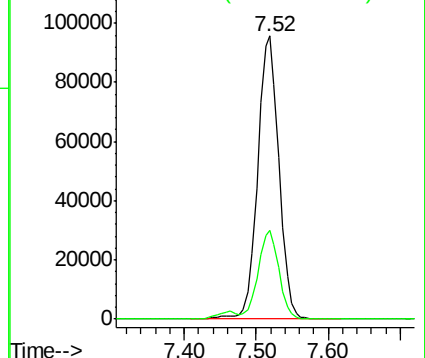
63 100

65 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.30 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

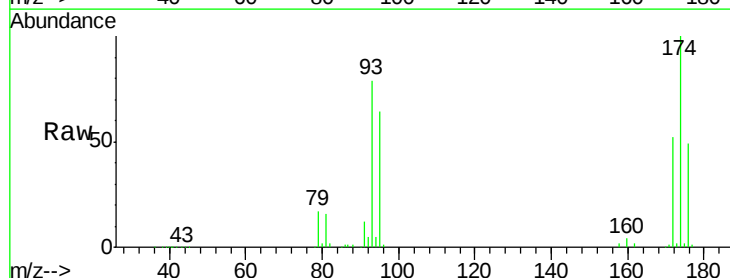
Tgt Ion: 93 Resp: 127322

Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

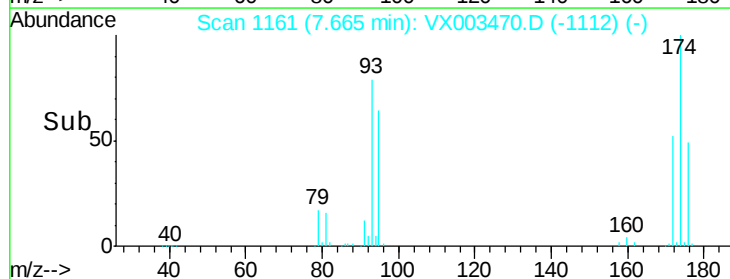
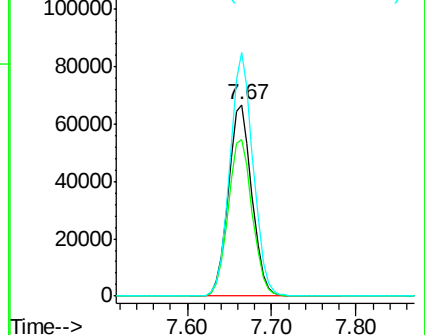
174 124.9 92.4 138.6

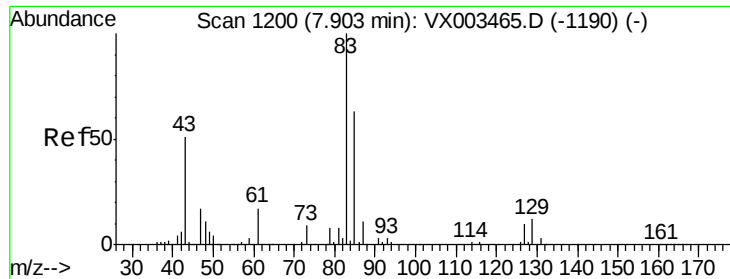


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.97 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

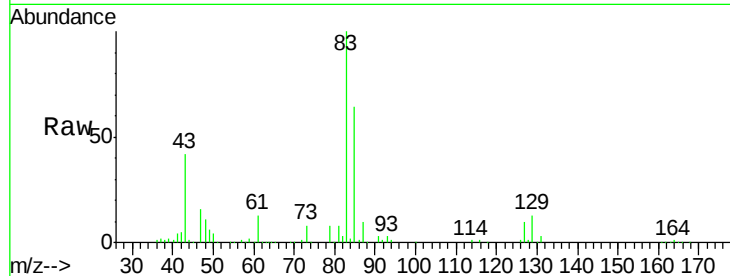
Tot Ion: 83 Resp: 240717

Ion Ratio Lower Upper

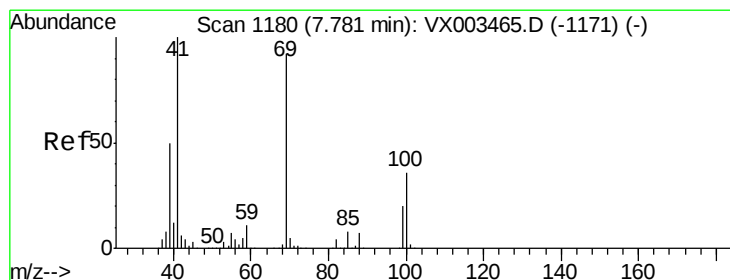
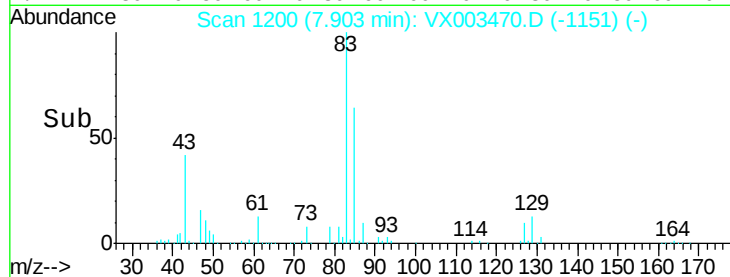
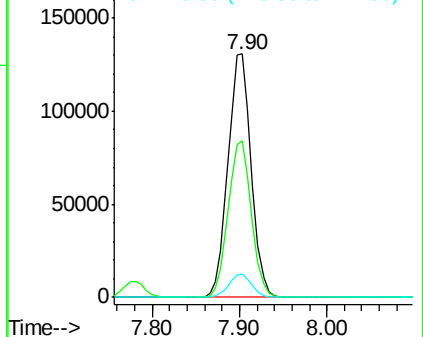
83 100

85 64.1 50.3 75.5

127 9.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.81 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

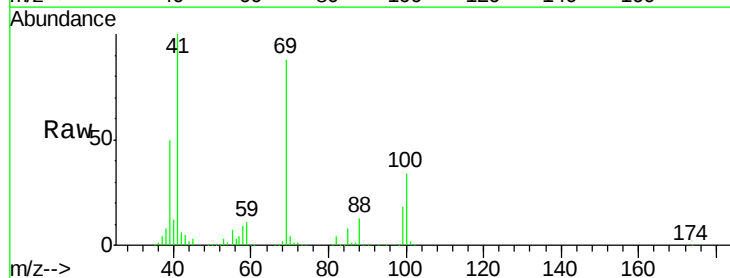
Tgt Ion: 41 Resp: 197776

Ion Ratio Lower Upper

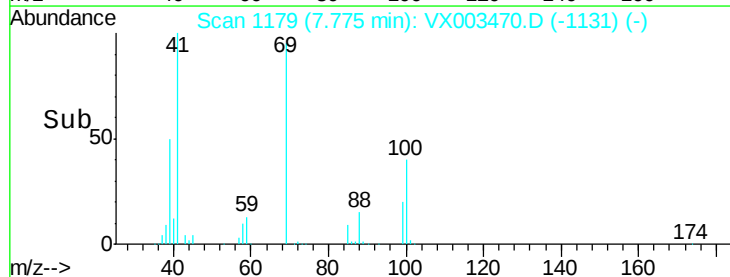
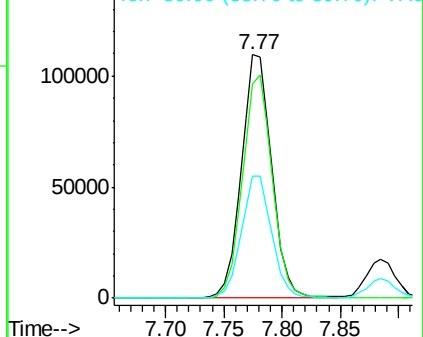
41 100

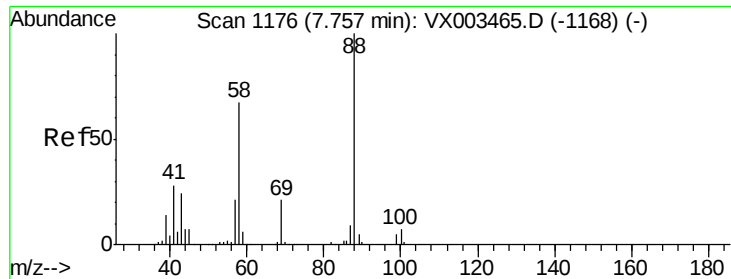
69 91.0 59.1 88.7#

39 50.2 48.9 73.3



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

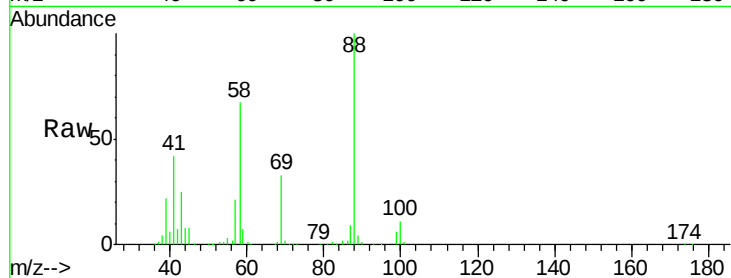




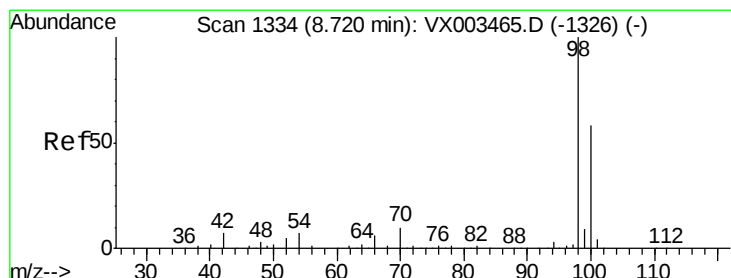
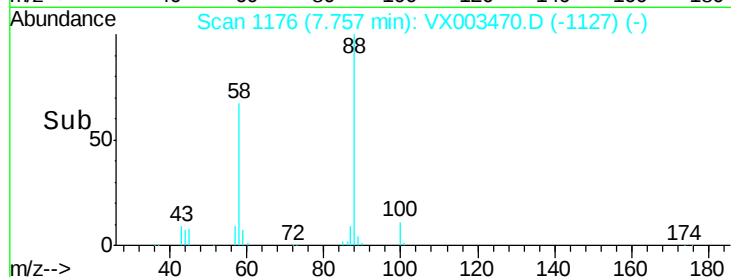
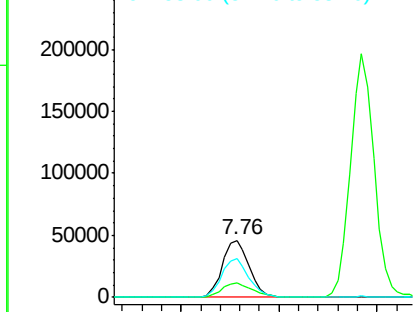
#49  
 1,4-Dioxane  
 Concen: 1012.96 ug/l  
 RT: 7.76 min Scan# 1176  
 Delta R.T. -0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX071918

Tot Ion: 88 Resp: 87619  
 Ion Ratio Lower Upper  
 88 100  
 43 28.7 29.8 44.6#  
 58 69.7 57.1 85.7

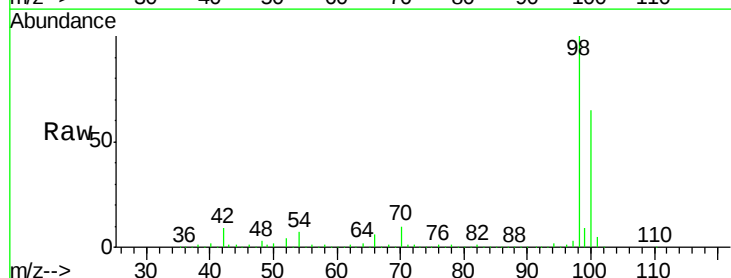


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

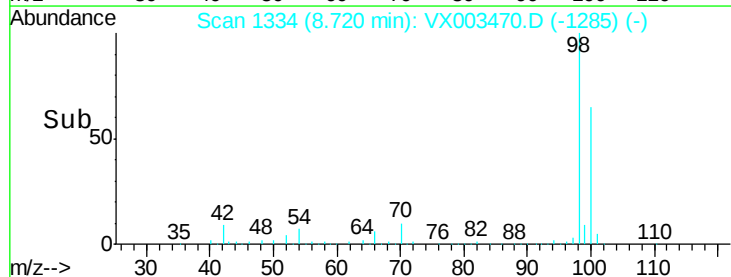
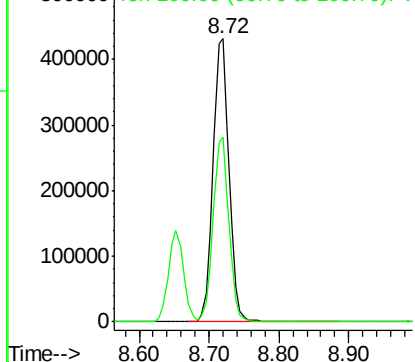


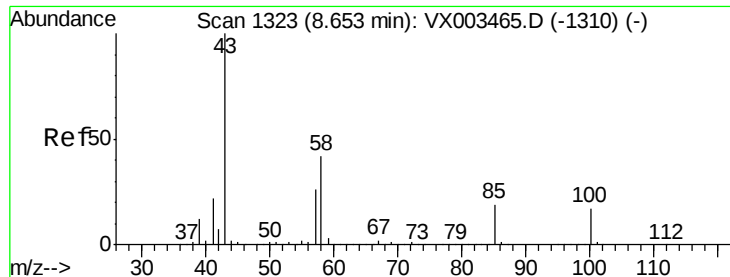
#50  
 Toluene-d8  
 Concen: 51.20 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Tgt Ion: 98 Resp: 682738  
 Ion Ratio Lower Upper  
 98 100  
 100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0  
 Ion 100.00 (99.70 to 100.70): VX0

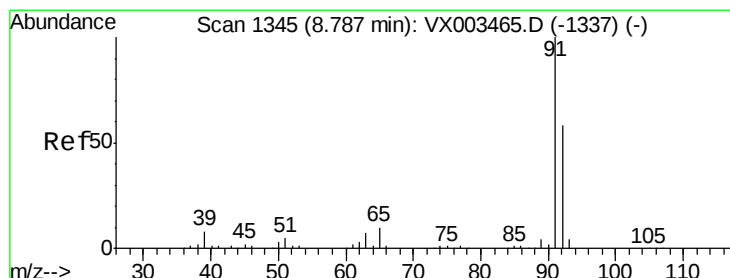
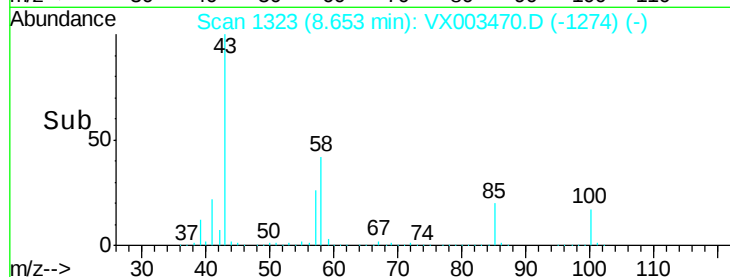
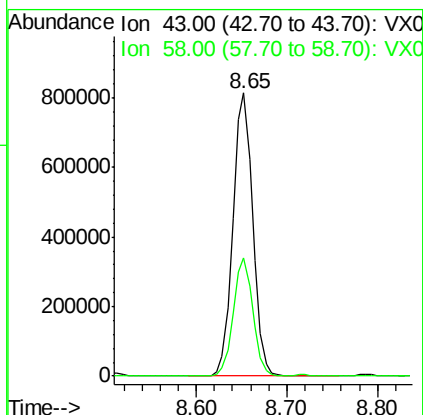
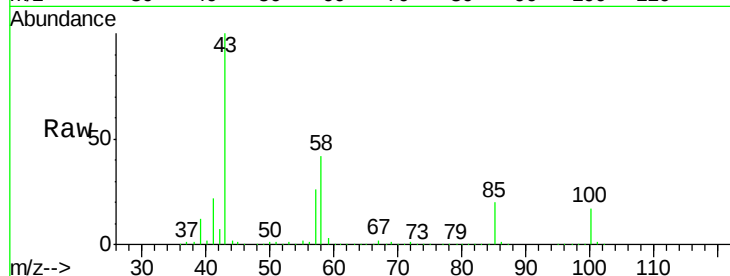




#51  
4-Methyl-2-Pentanone  
Concen: 261.55 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

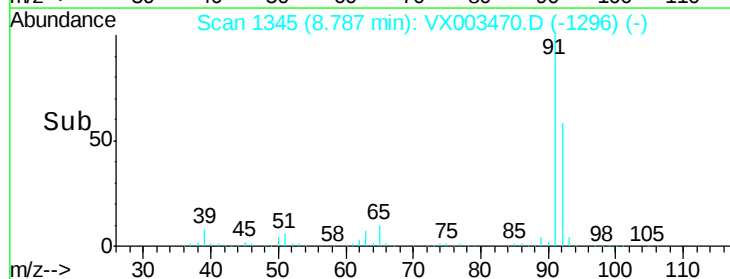
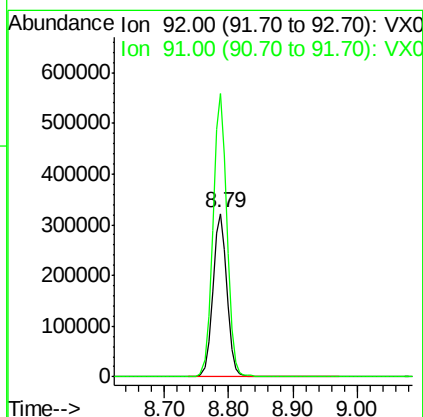
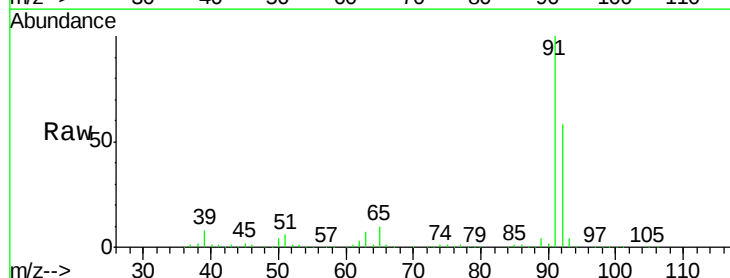
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

Tot Ion: 43 Resp: 1250863  
Ion Ratio Lower Upper  
43 100  
58 41.1 28.6 42.8



#52  
Toluene  
Concen: 51.52 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion: 92 Resp: 492451  
Ion Ratio Lower Upper  
92 100  
91 173.1 140.4 210.6

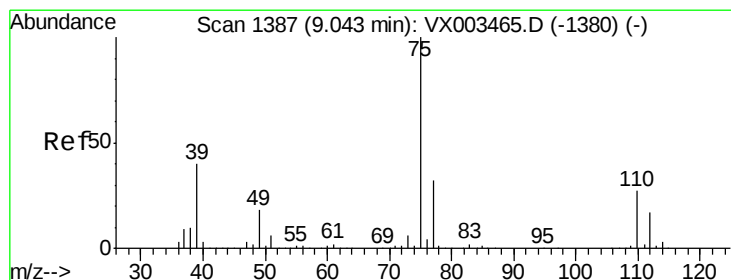
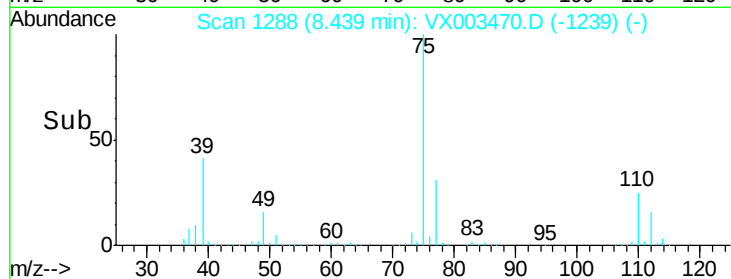
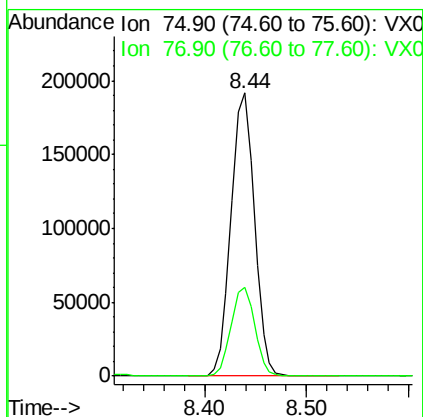
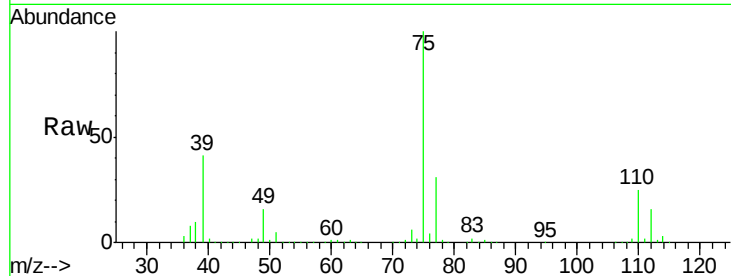




#53  
 t-1,3-Dichloropropene  
 Concen: 54.50 ug/l  
 RT: 8.44 min Scan# 1288  
 Delta R.T. -0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

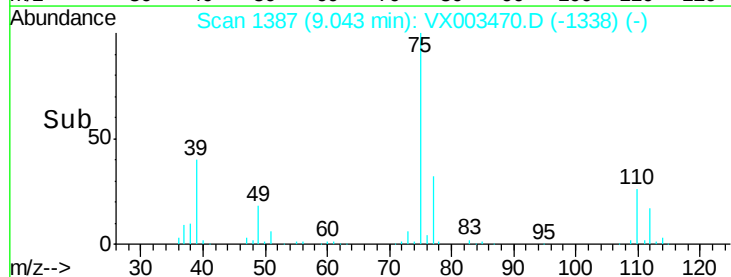
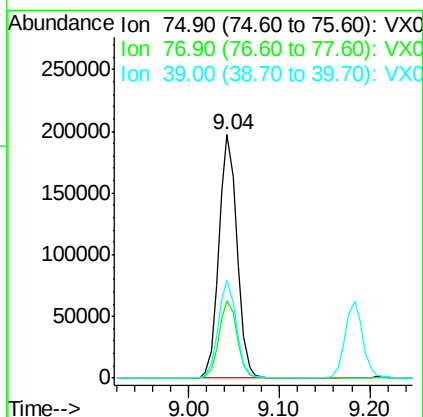
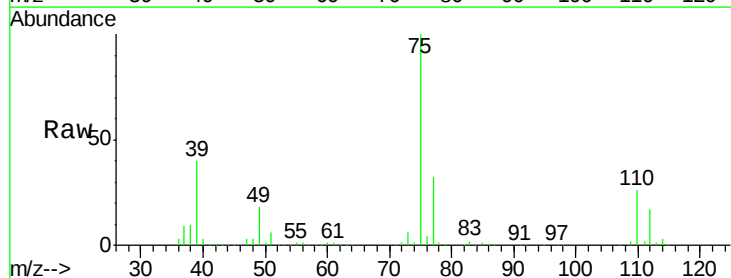
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX071918

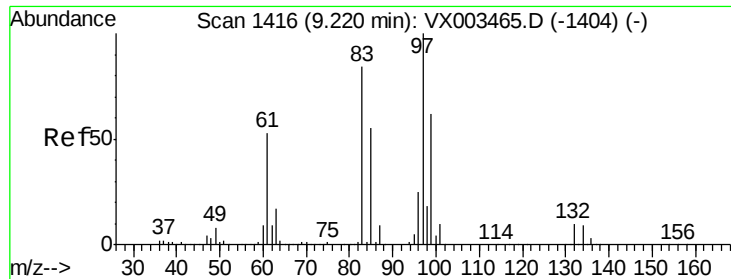
Tot Ion: 75 Resp: 304793  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.78 ug/l  
 RT: 9.04 min Scan# 1387  
 Delta R.T. -0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Tgt Ion: 75 Resp: 275537  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.8 37.2  
 39 39.8 42.4 63.6#



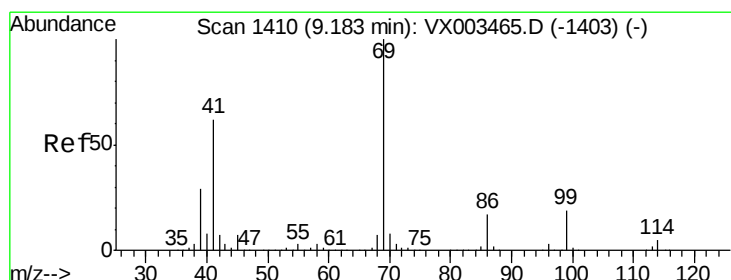
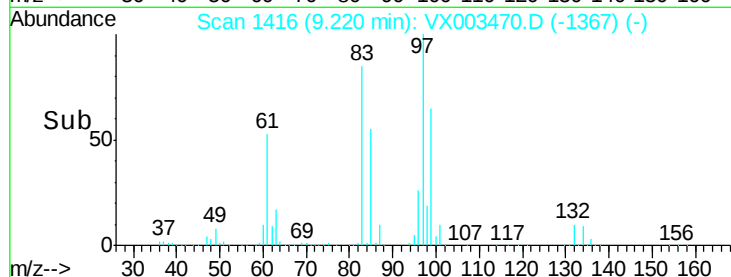
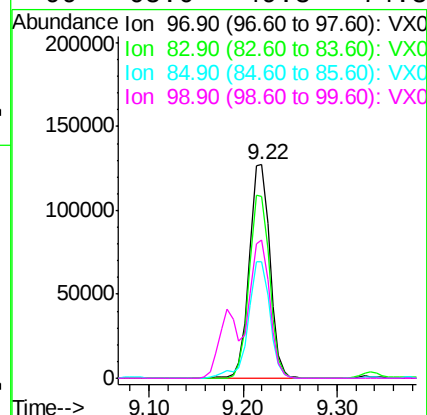
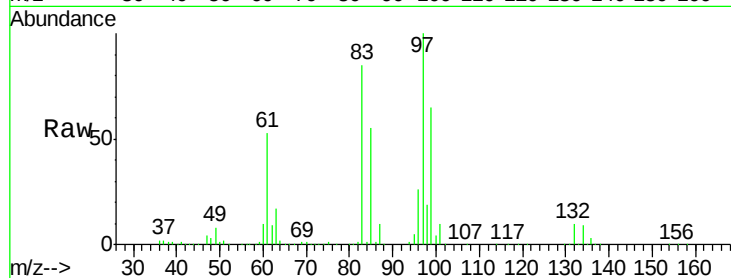


#55  
1,1,2-Trichloroethane  
Concen: 51.33 ug/l  
RT: 9.22 min Scan# 1416  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

Tot Ion: 97 Resp: 195223

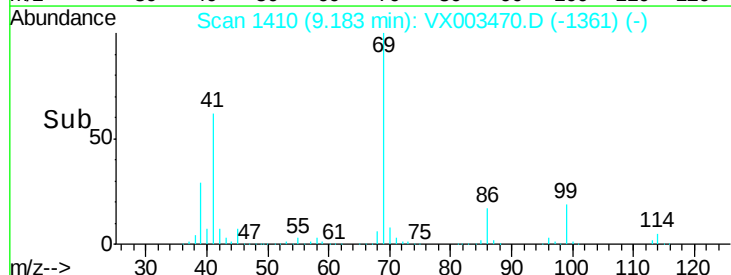
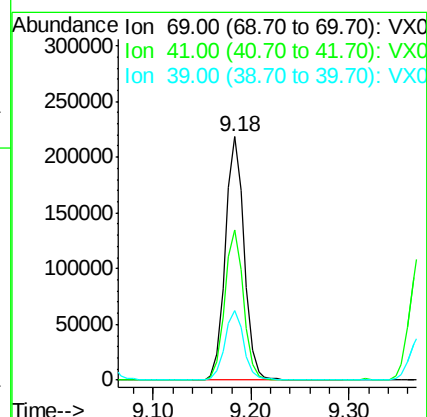
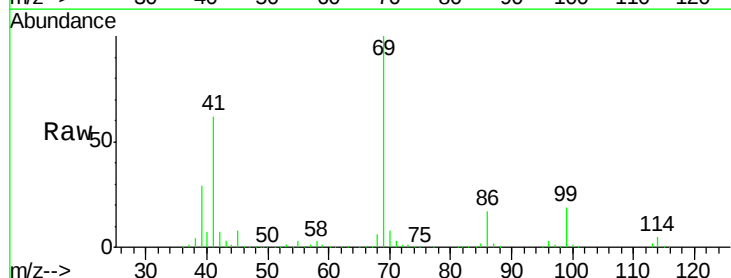
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.9  | 70.2  | 105.2 |
| 85  | 54.6  | 44.9  | 67.3  |
| 99  | 65.0  | 49.8  | 74.8  |

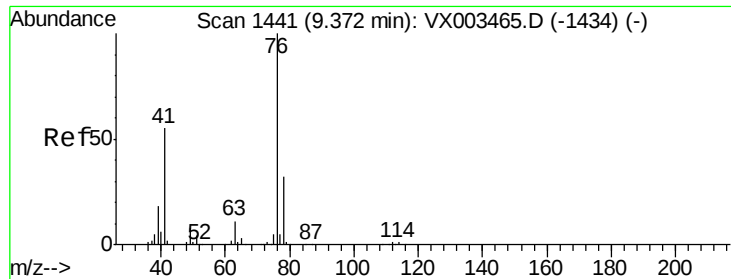


#56  
Ethyl methacrylate  
Concen: 54.47 ug/l  
RT: 9.18 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion: 69 Resp: 291773

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.4  | 60.3  | 90.5  |
| 39  | 29.1  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 51.90 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

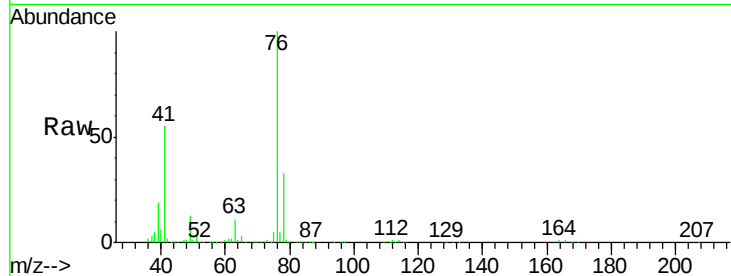
ICVVX071918

Tot Ion: 76 Resp: 319056

Ion Ratio Lower Upper

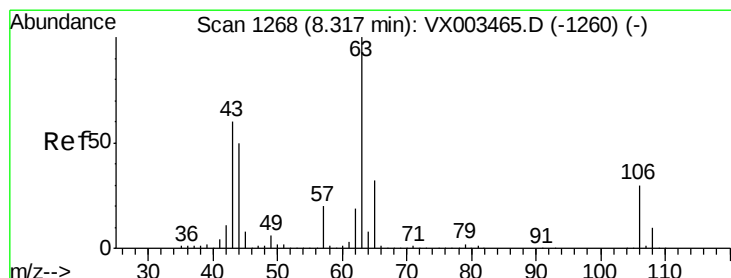
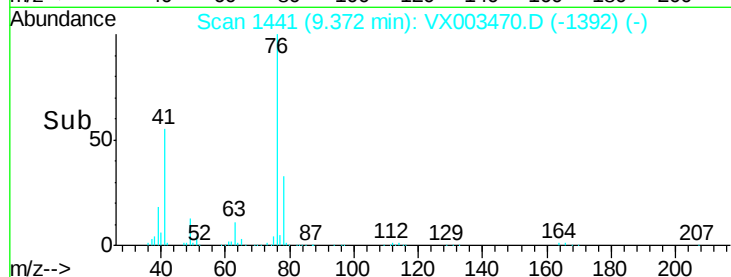
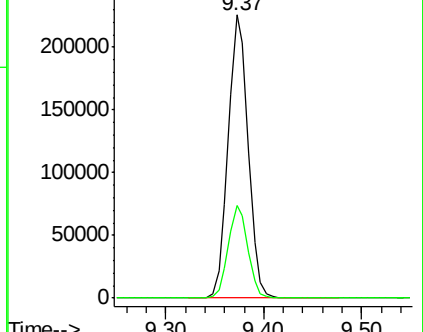
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.17 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003470.D

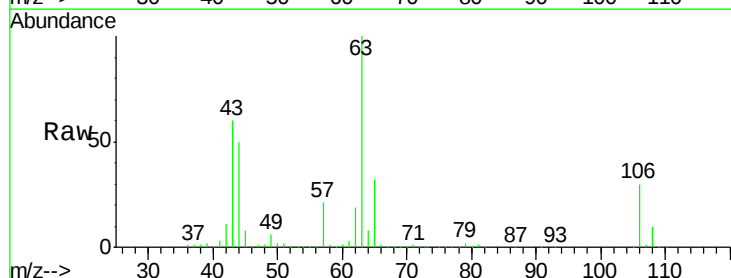
Acq: 19 Jul 2018 17:26

Tgt Ion: 63 Resp: 680275

Ion Ratio Lower Upper

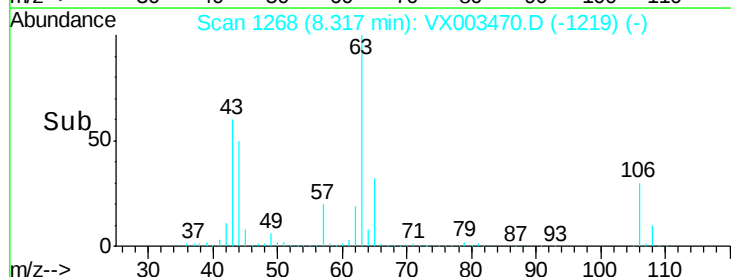
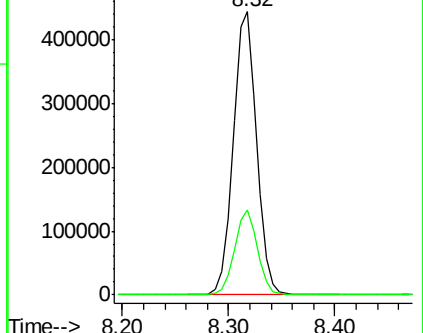
63 100

106 29.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

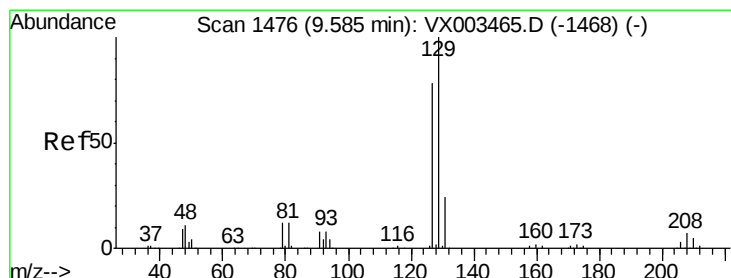
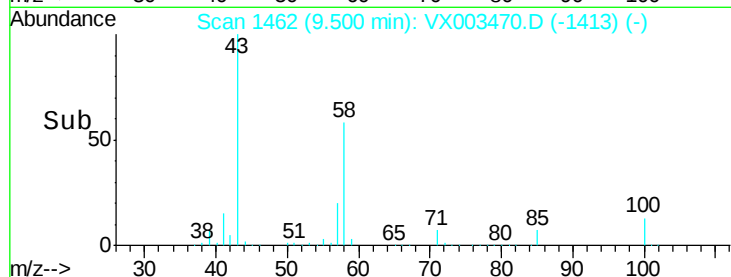
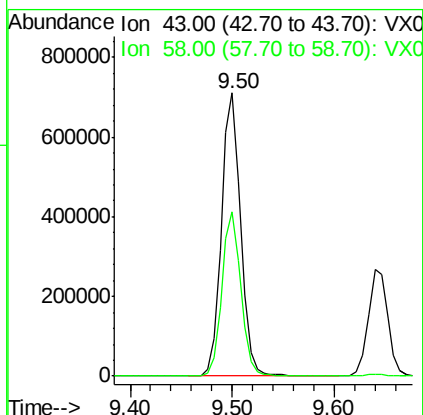
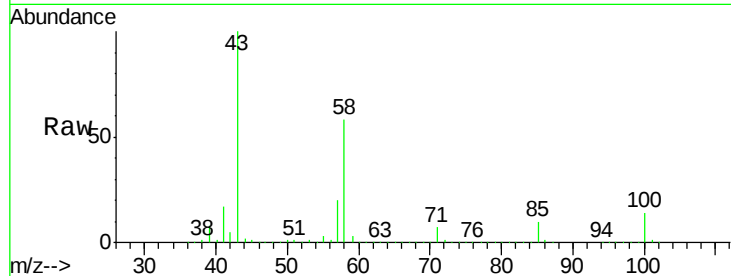




#59  
2-Hexanone  
Concen: 263.49 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

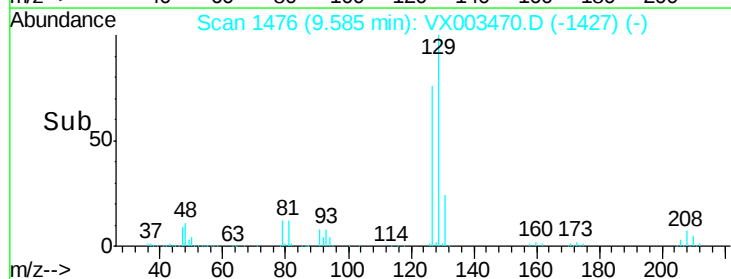
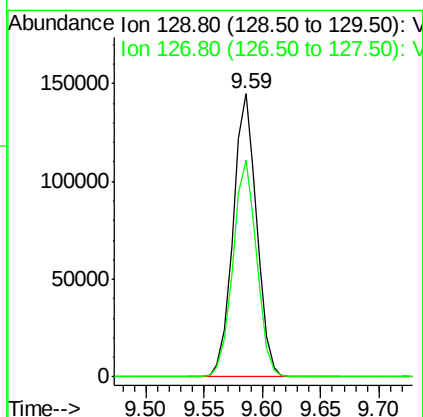
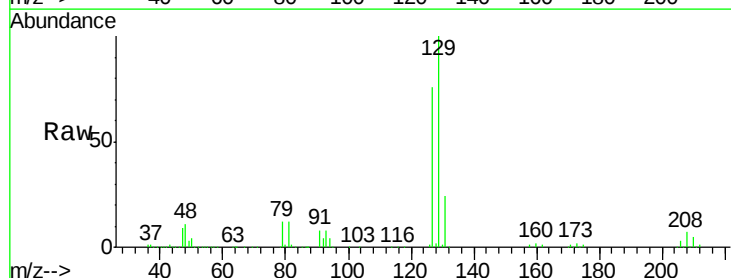
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

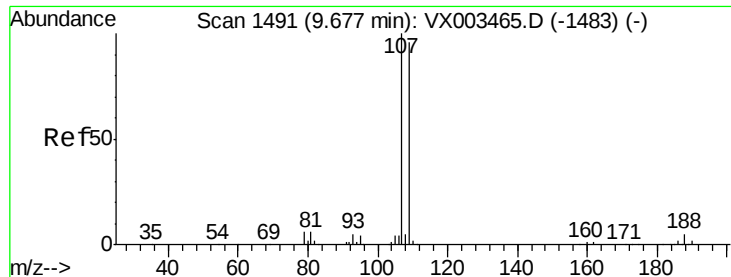
Tot Ion: 43 Resp: 933642  
Ion Ratio Lower Upper  
43 100  
58 57.4 24.6 73.6



#60  
Dibromochloromethane  
Concen: 54.24 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion: 129 Resp: 204188  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

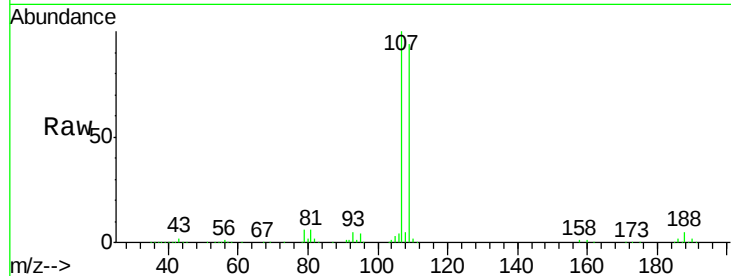
ICVVX071918

Tot Ion:107 Resp: 203462

Ion Ratio Lower Upper

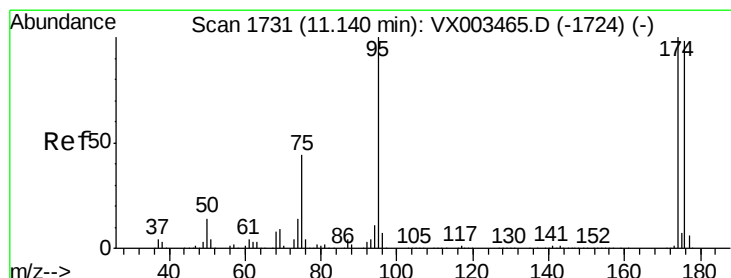
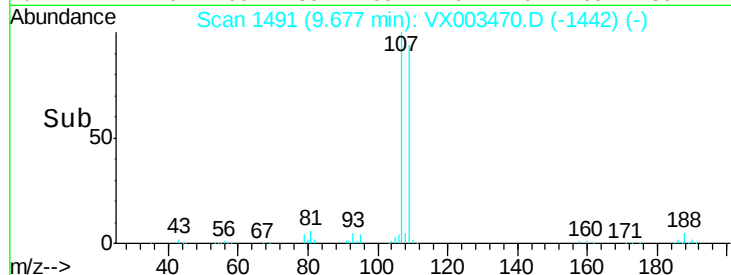
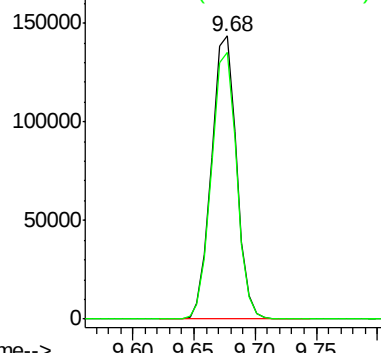
107 100

109 95.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

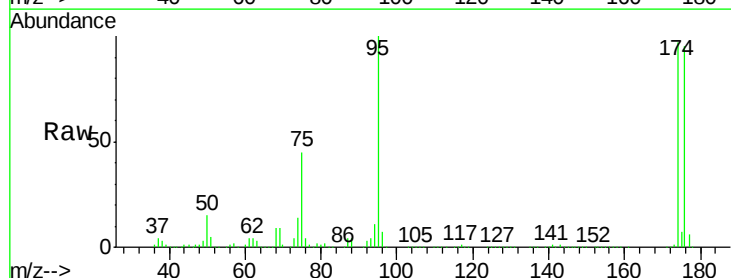
Tgt Ion: 95 Resp: 249547

Ion Ratio Lower Upper

95 100

174 98.0 0.0 187.4

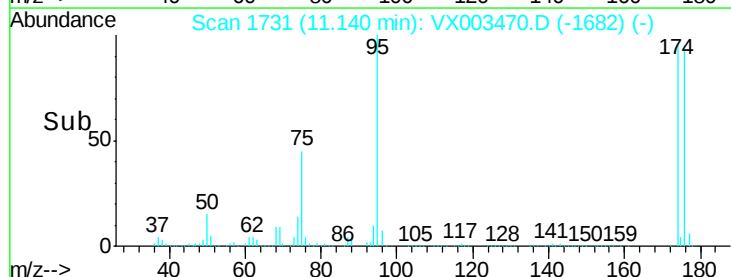
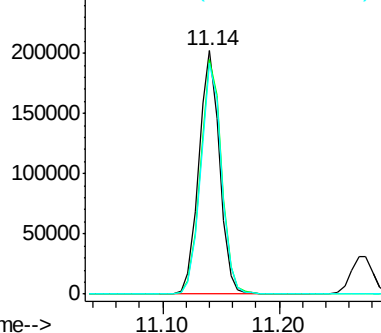
176 95.2 0.0 181.0

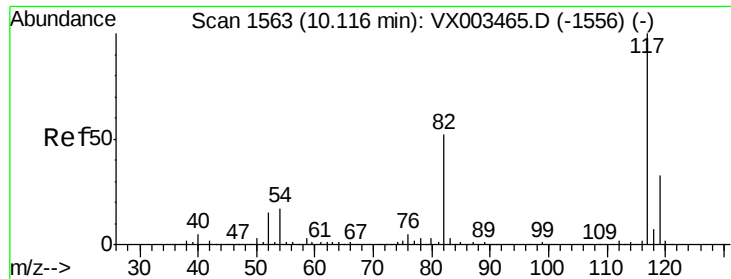


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

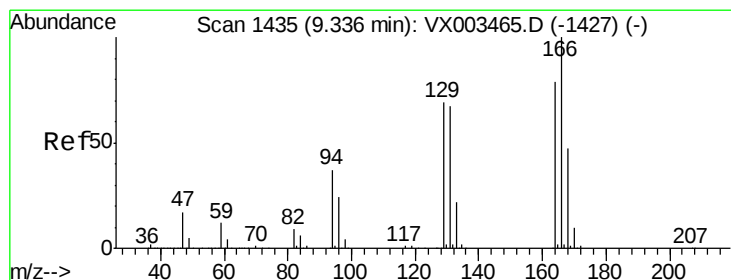
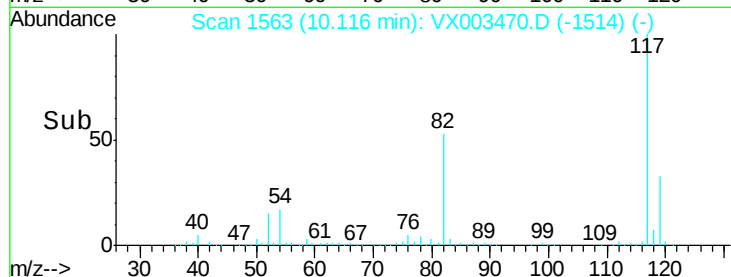
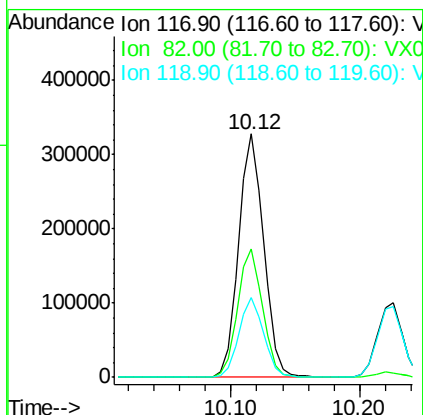
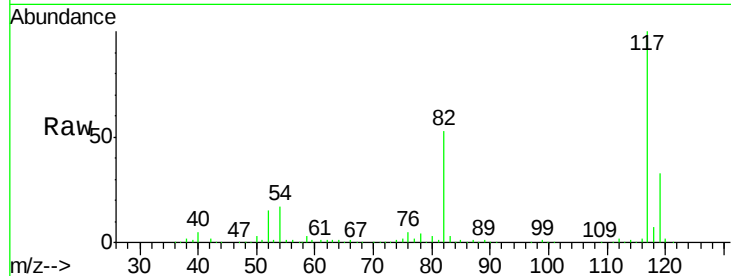




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

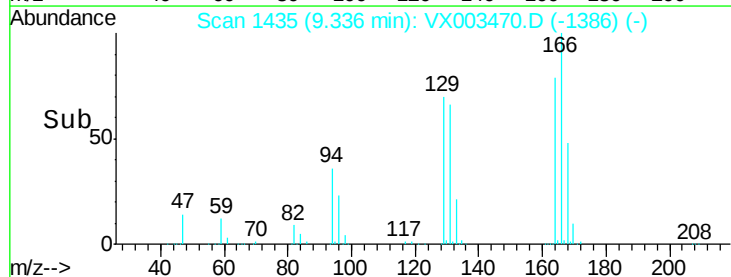
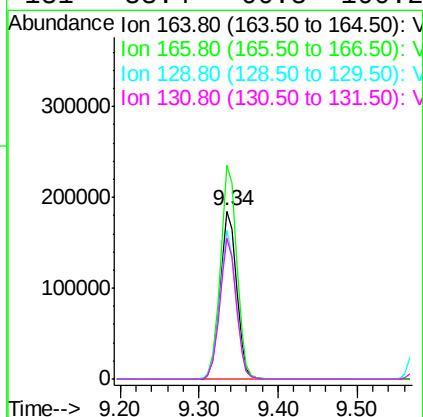
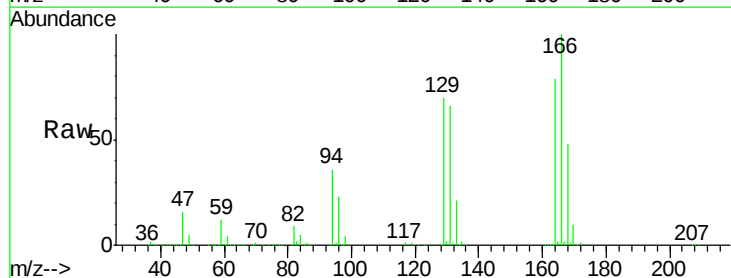
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

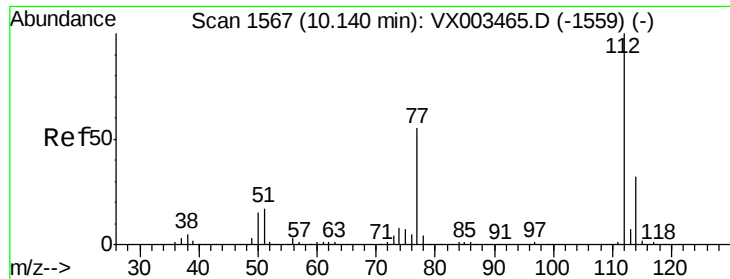
Tot Ion:117 Resp: 441946  
Ion Ratio Lower Upper  
117 100  
82 52.6 45.0 67.4  
119 32.9 25.8 38.6



#64  
Tetrachloroethene  
Concen: 49.75 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion:164 Resp: 267874  
Ion Ratio Lower Upper  
164 100  
166 126.9 102.9 154.3  
129 88.3 68.6 102.8  
131 83.4 66.8 100.2

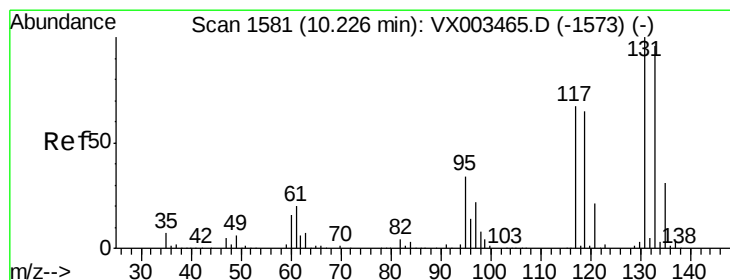
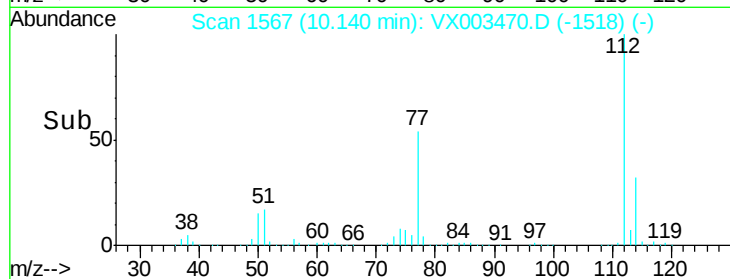
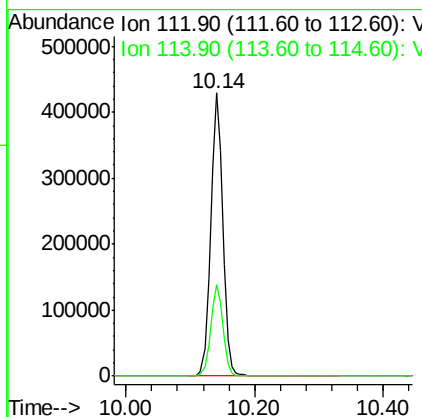
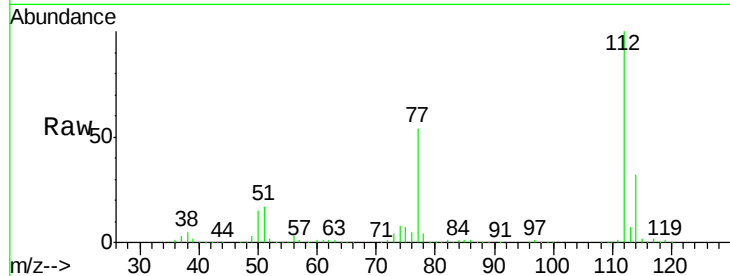




#65  
Chlorobenzene  
Concen: 49.64 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

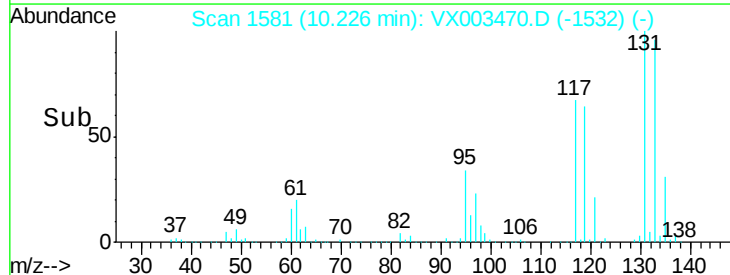
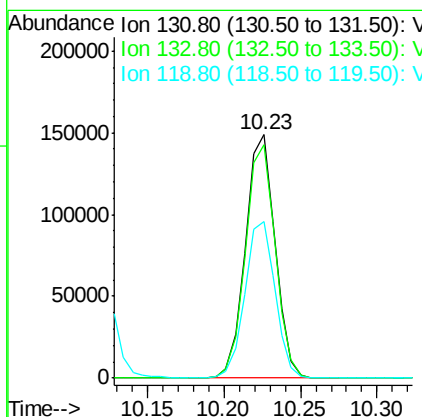
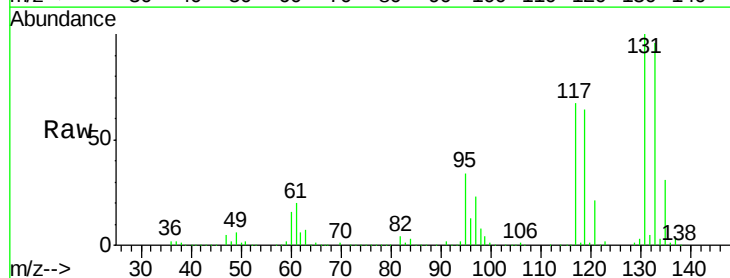
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

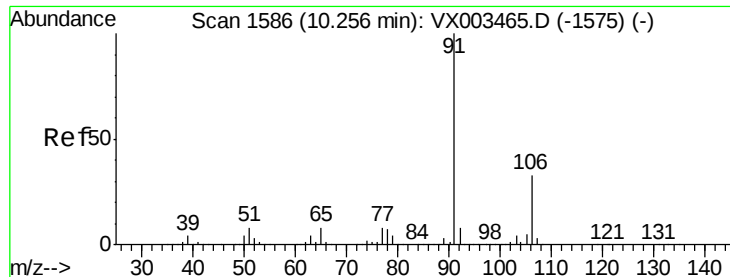
Tot Ion:112 Resp: 565216  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.08 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion:131 Resp: 200129  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.9 143.6  
119 65.5 31.8 95.3

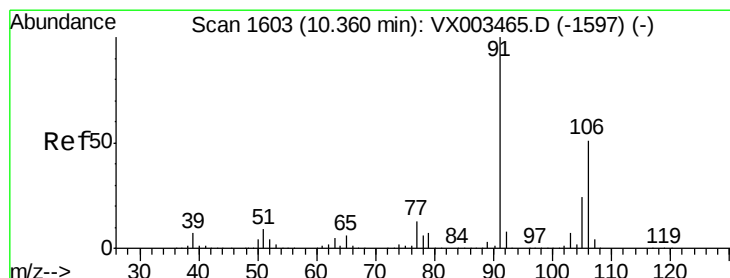
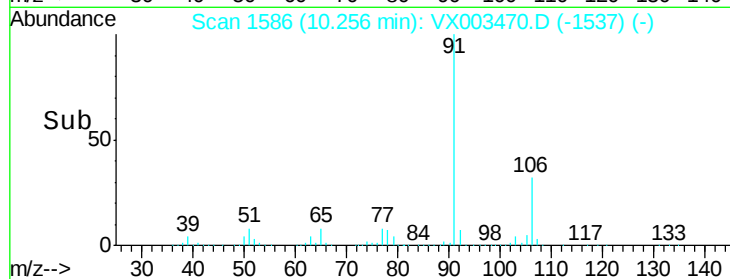
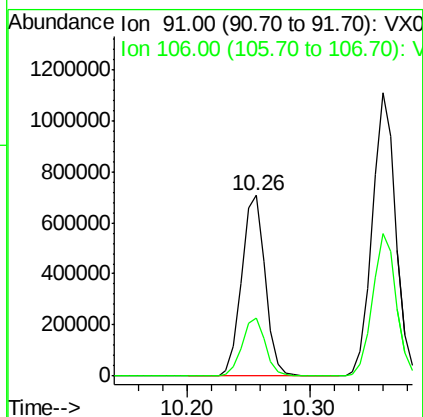
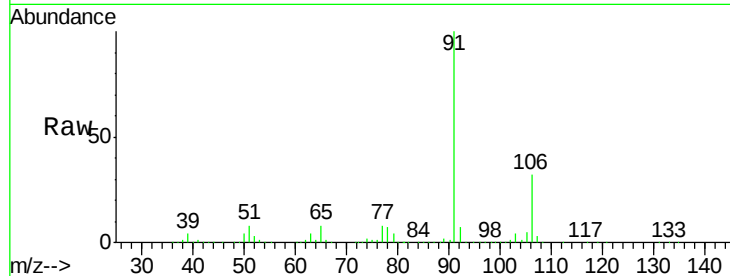




#67  
Ethyl Benzene  
Concen: 51.50 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

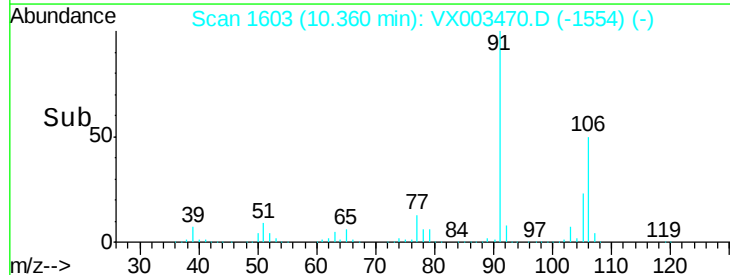
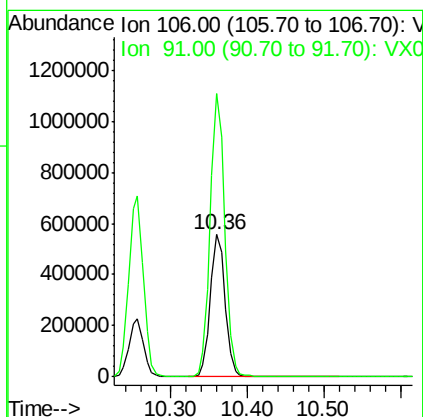
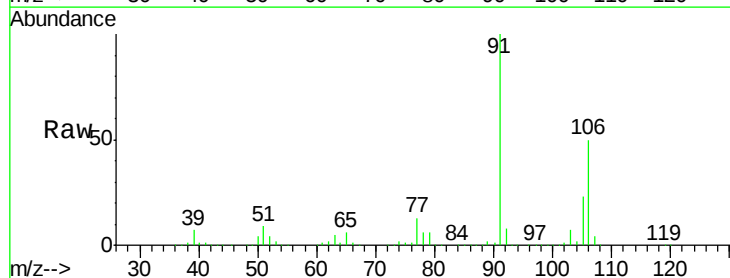
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

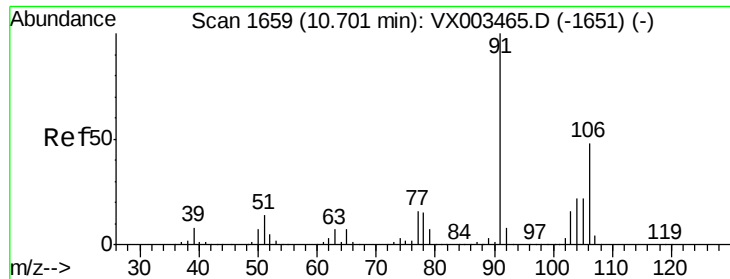
Tot Ion: 91 Resp: 942857  
Ion Ratio Lower Upper  
91 100  
106 32.3 25.5 38.3



#68  
m/p-Xylenes  
Concen: 104.34 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion: 106 Resp: 748918  
Ion Ratio Lower Upper  
106 100  
91 197.1 163.4 245.2

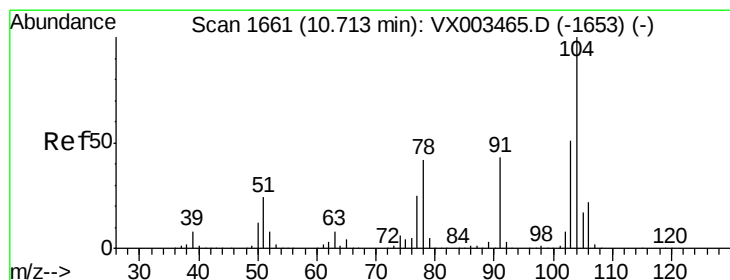
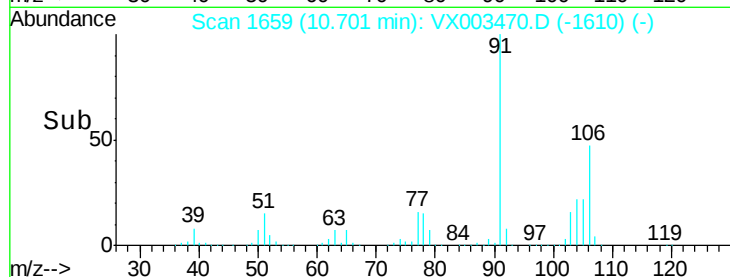
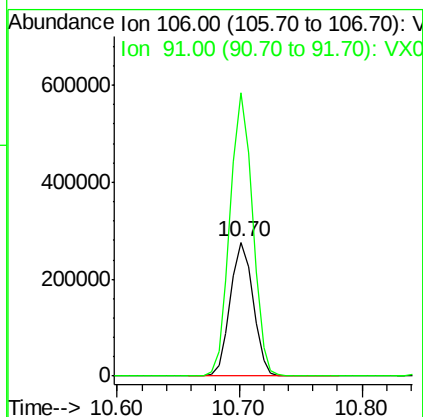
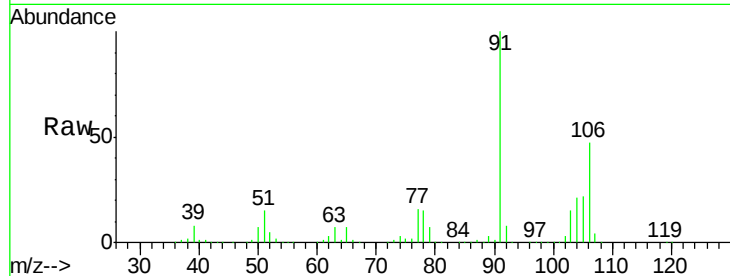




#69  
o-Xylene  
Concen: 51.51 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

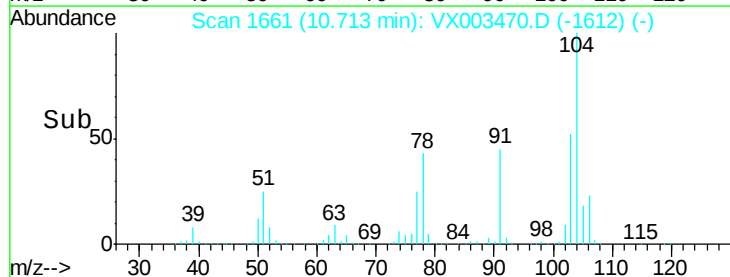
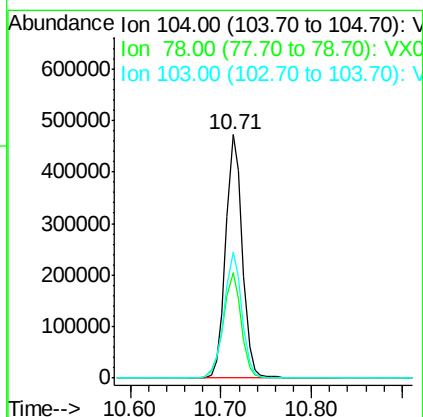
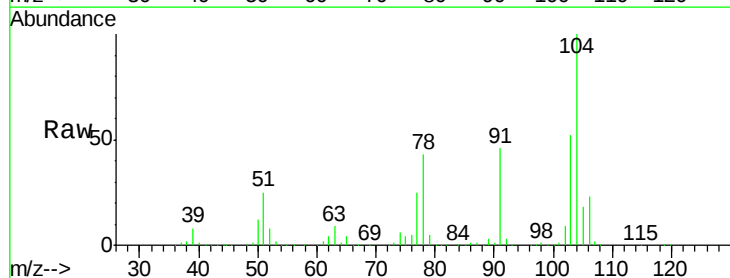
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

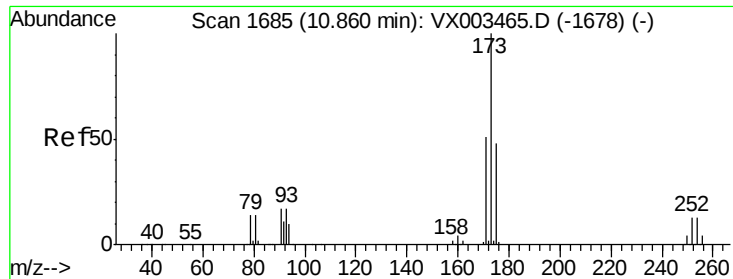
Tot Ion:106 Resp: 357507  
Ion Ratio Lower Upper  
106 100  
91 209.3 108.2 324.6



#70  
Styrene  
Concen: 52.93 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion:104 Resp: 604267  
Ion Ratio Lower Upper  
104 100  
78 46.7 41.0 61.6  
103 55.2 44.2 66.4

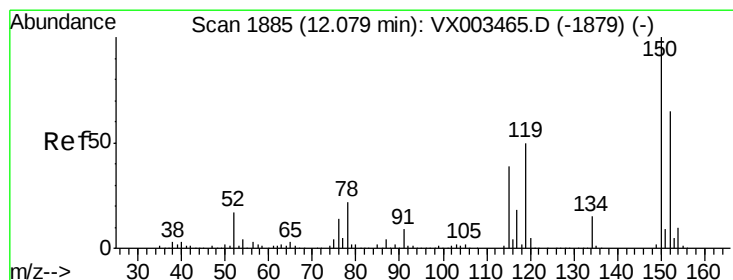
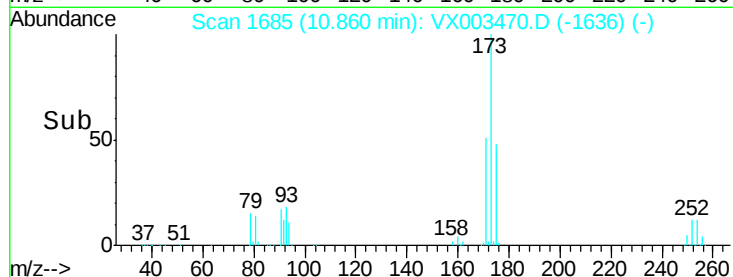
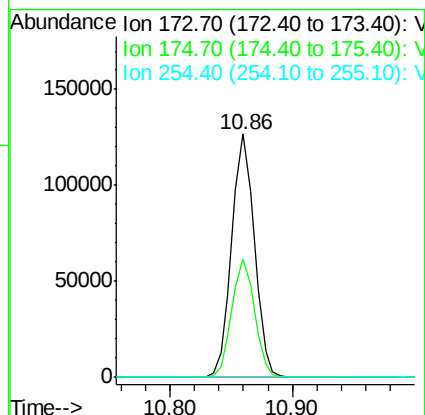
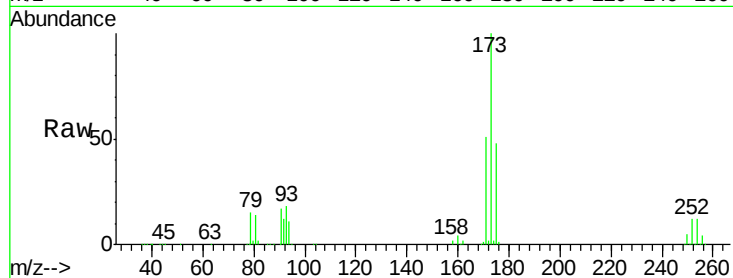




#71  
Bromoform  
Concen: 53.19 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. -0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

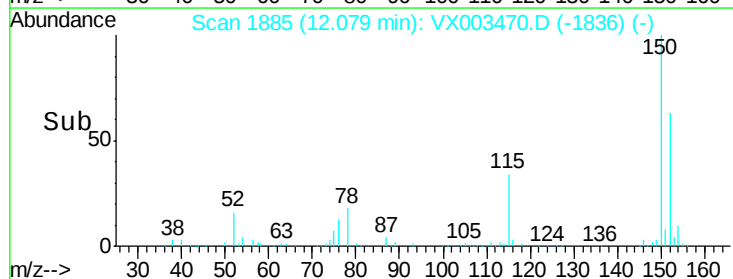
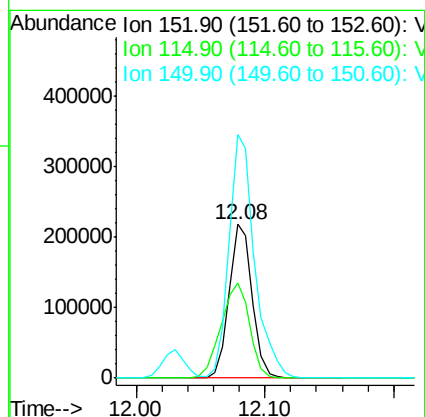
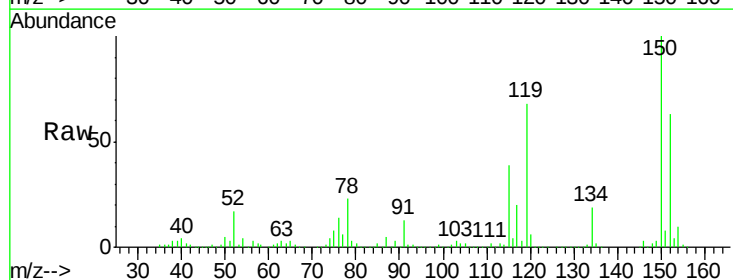
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

Tot Ion:173 Resp: 161913  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.7 74.1  
254 0.1 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX003470.D  
Acq: 19 Jul 2018 17:26

Tgt Ion:152 Resp: 275166  
Ion Ratio Lower Upper  
152 100  
115 76.2 40.1 120.2  
150 175.6 0.0 347.2





#73

Isopropylbenzene

Concen: 50.53 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

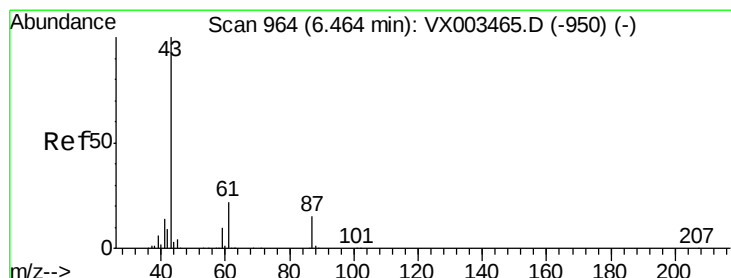
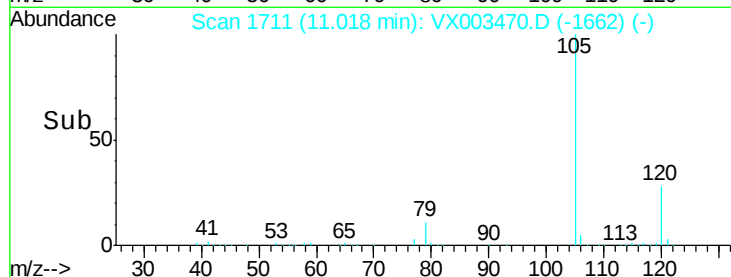
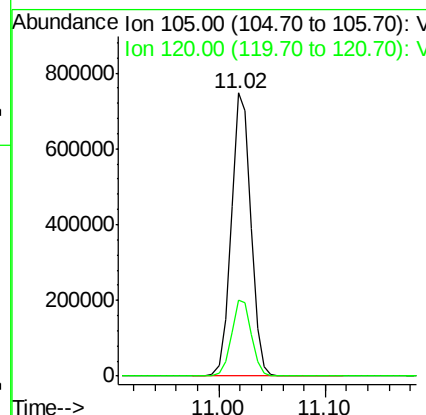
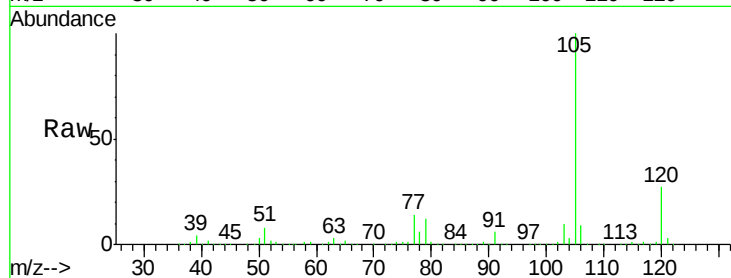
Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX071918

Tot Ion:105 Resp: 961608

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 27.2  | 13.5  | 40.4  |



#74

N-ethyl acetate

Concen: 47.62 ug/l

RT: 6.46 min Scan# 964

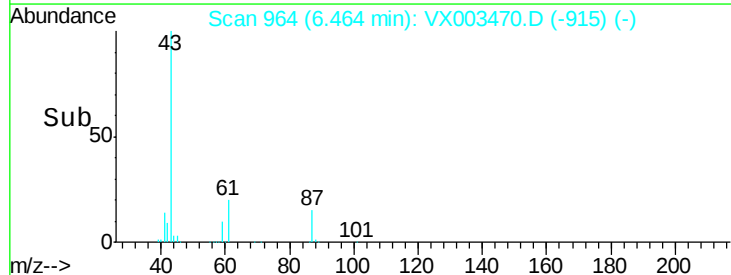
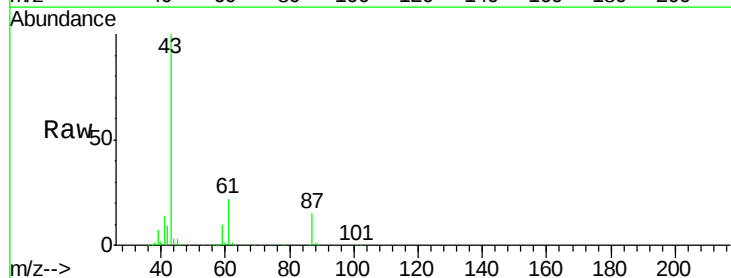
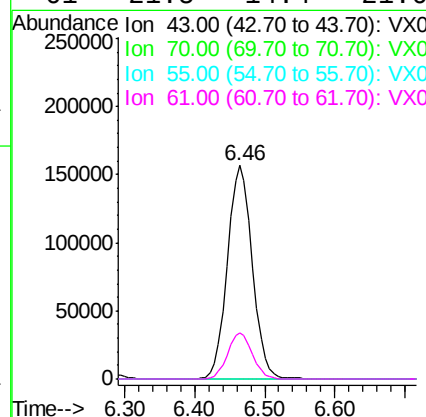
Delta R.T. -0.00 min

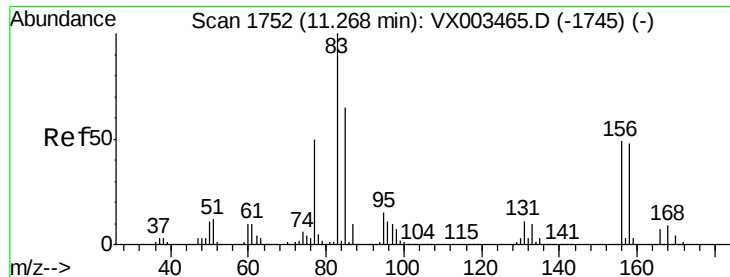
Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Tgt Ion: 43 Resp: 384815

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 0.0   | 0.0   | 0.0   |
| 55  | 0.1   | 0.0   | 0.0#  |
| 61  | 21.5  | 14.4  | 21.6  |





#75

1,1,2,2-Tetrachloroethane

Concen: 48.79 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampled :

ICVVX071918

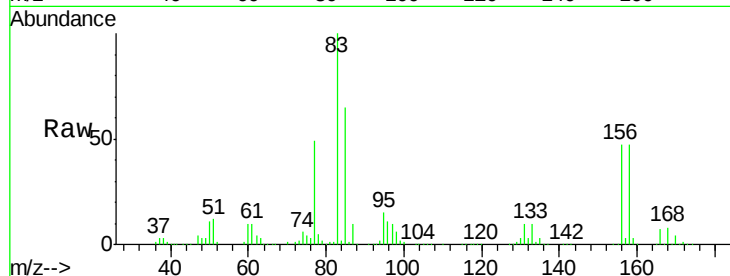
Tot Ion: 83 Resp: 272086

Ion Ratio Lower Upper

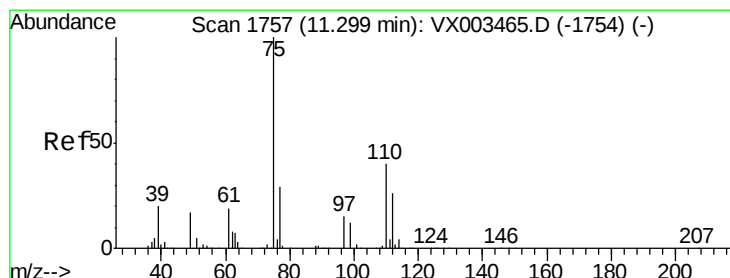
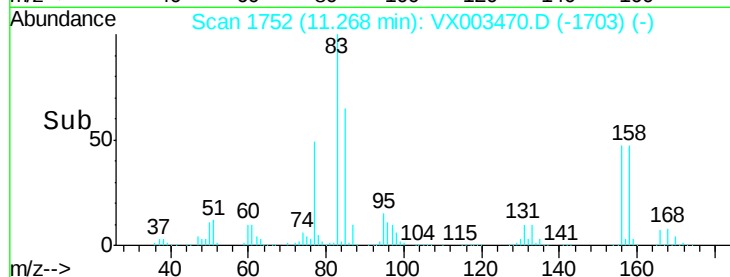
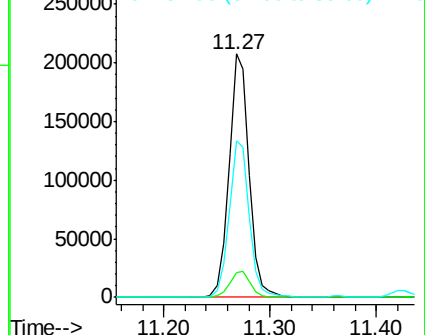
83 100

131 11.0 5.6 16.8

85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.02 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003470.D

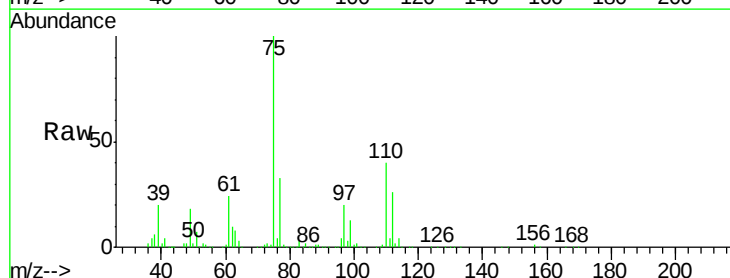
Acq: 19 Jul 2018 17:26

Tgt Ion: 75 Resp: 326381

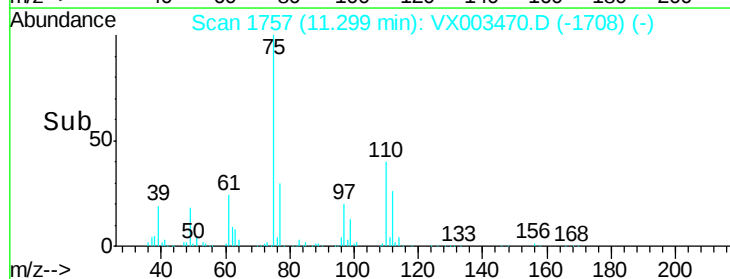
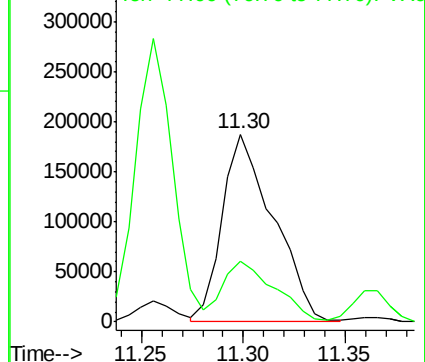
Ion Ratio Lower Upper

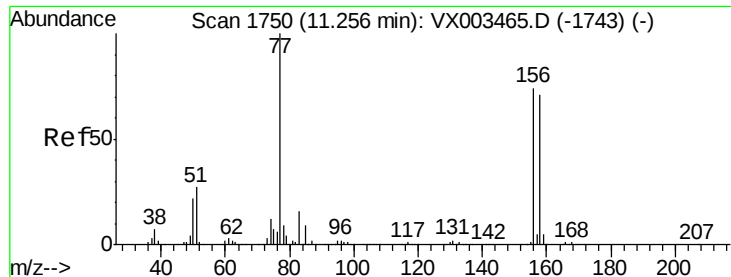
75 100

77 32.7 22.8 68.3



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





#77

Bromobenzene

Concen: 48.45 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

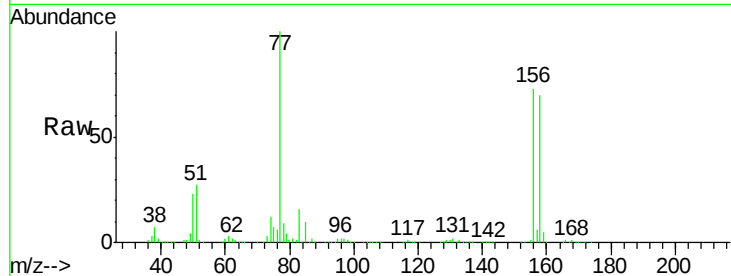
Tot Ion:156 Resp: 265166

Ion Ratio Lower Upper

156 100

77 135.5 71.4 214.2

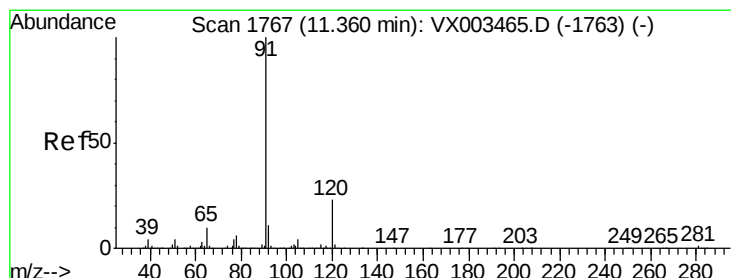
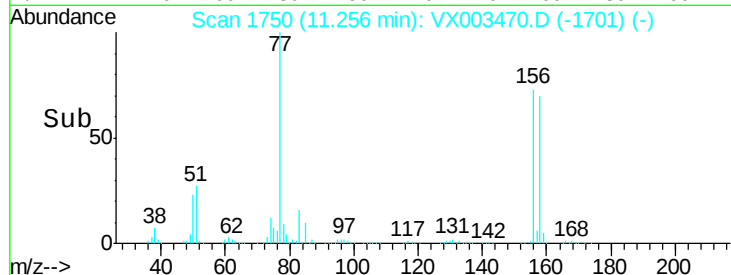
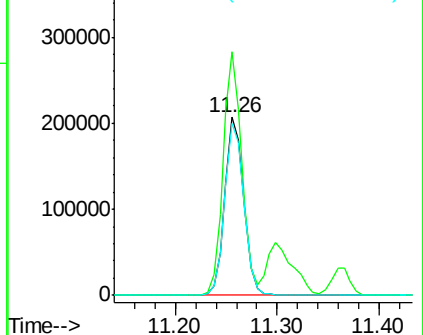
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.40 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003470.D

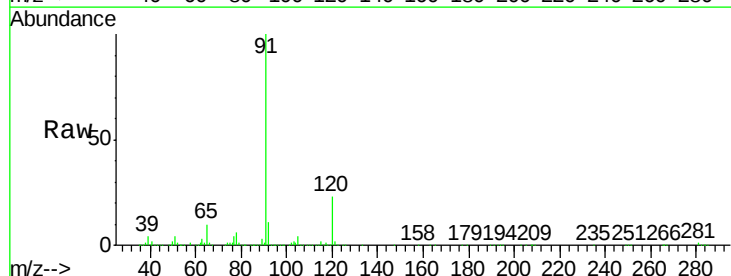
Acq: 19 Jul 2018 17:26

Tgt Ion: 91 Resp: 1087372

Ion Ratio Lower Upper

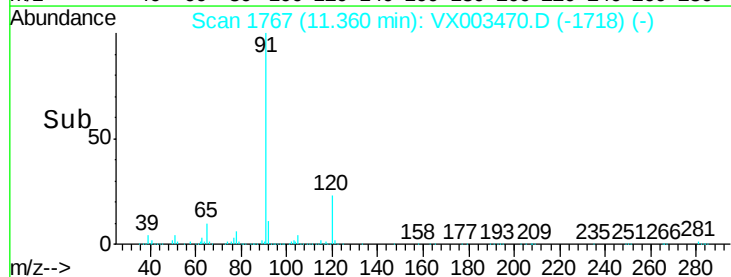
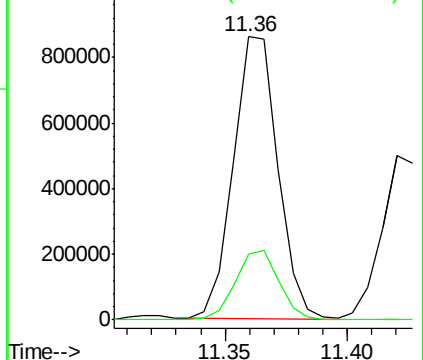
91 100

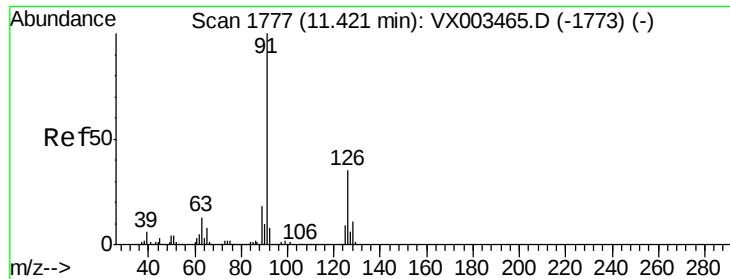
120 24.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

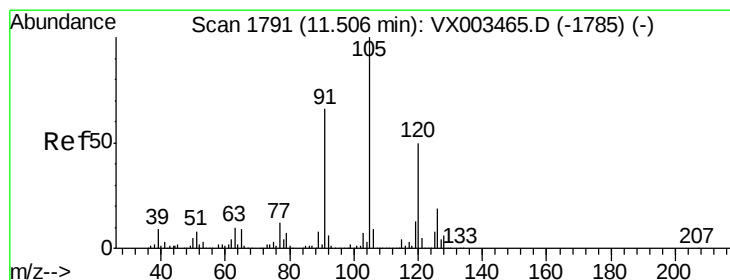
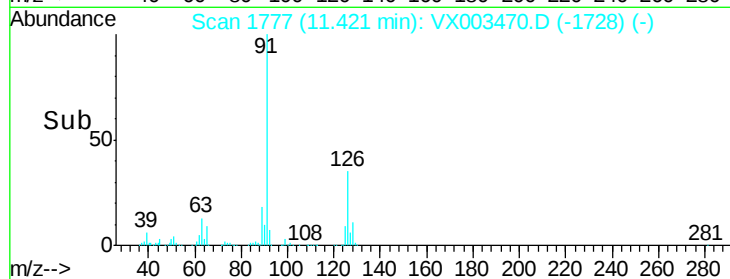
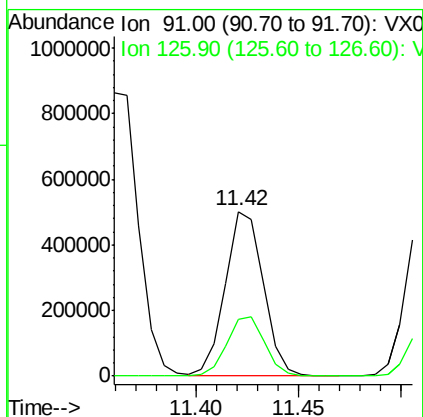
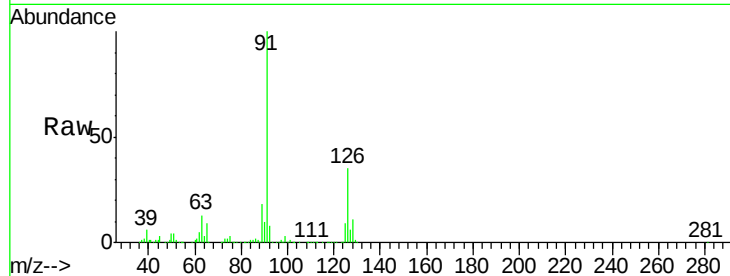




#79  
 2-Chlorotoluene  
 Concen: 49.81 ug/l  
 RT: 11.42 min Scan# 1777  
 Delta R.T. 0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

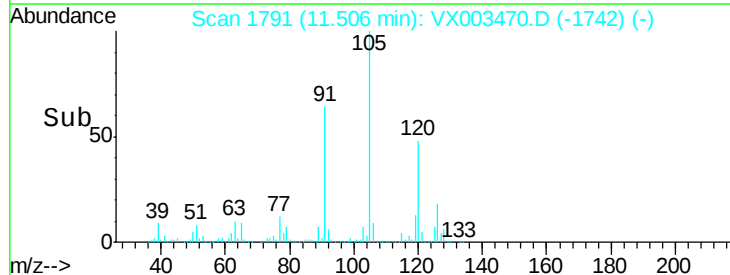
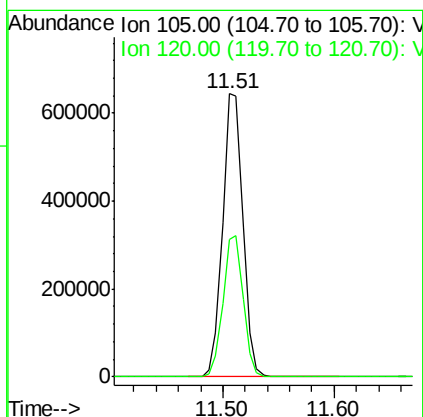
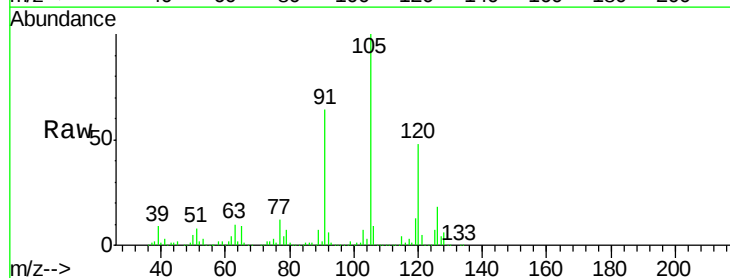
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX071918

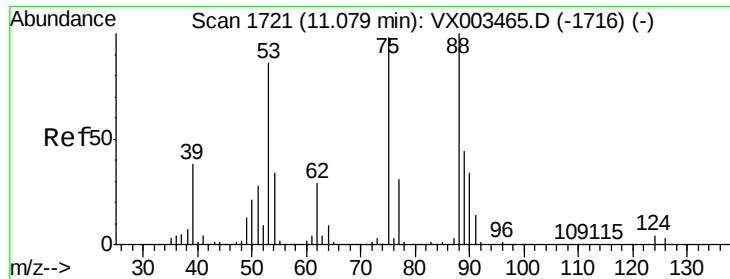
Tot Ion: 91 Resp: 639629  
 Ion Ratio Lower Upper  
 91 100  
 126 36.4 17.7 53.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.90 ug/l  
 RT: 11.51 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Tgt Ion: 105 Resp: 811643  
 Ion Ratio Lower Upper  
 105 100  
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.99 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

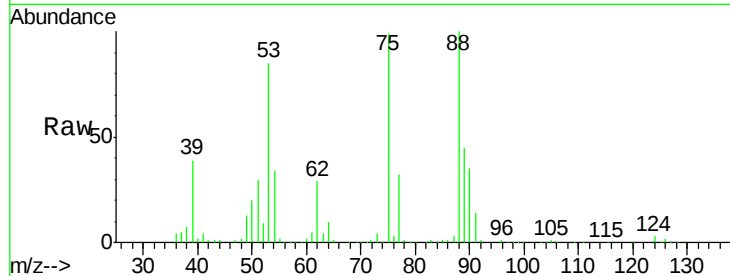
Tot Ion: 75 Resp: 85179

Ion Ratio Lower Upper

75 100

53 90.3 86.8 130.2

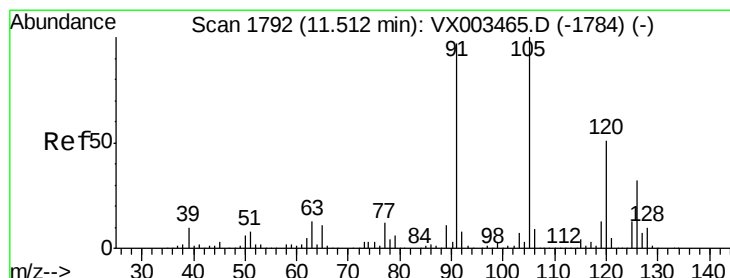
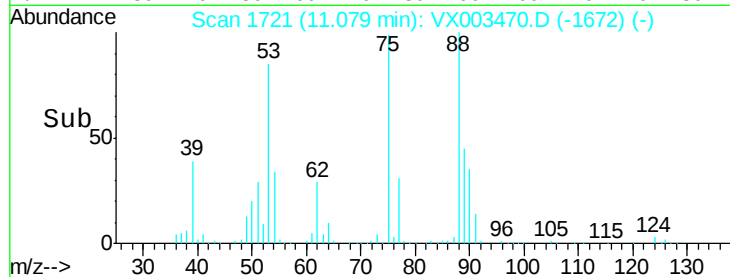
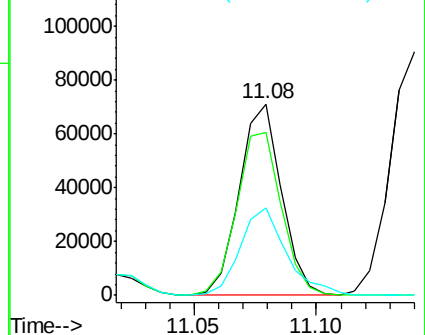
89 50.5 38.2 57.2



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



#82

4-Chlorotoluene

Concen: 50.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003470.D

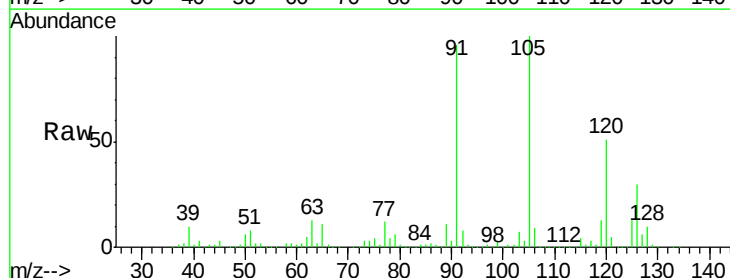
Acq: 19 Jul 2018 17:26

Tgt Ion: 91 Resp: 753910

Ion Ratio Lower Upper

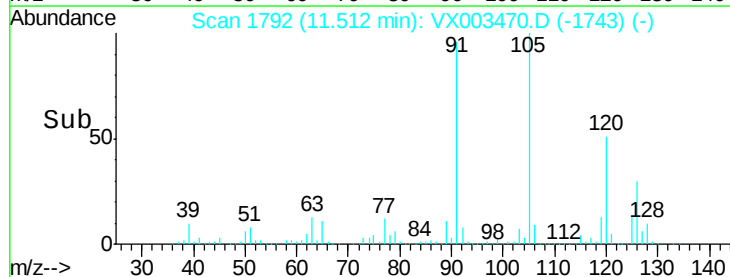
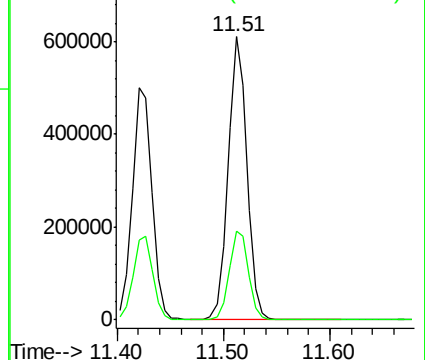
91 100

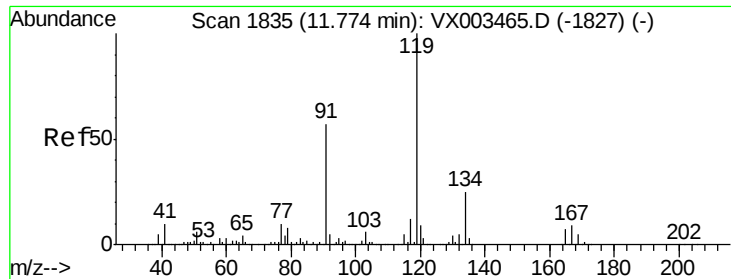
126 32.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

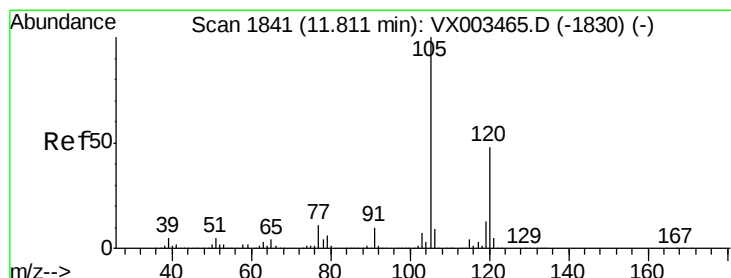
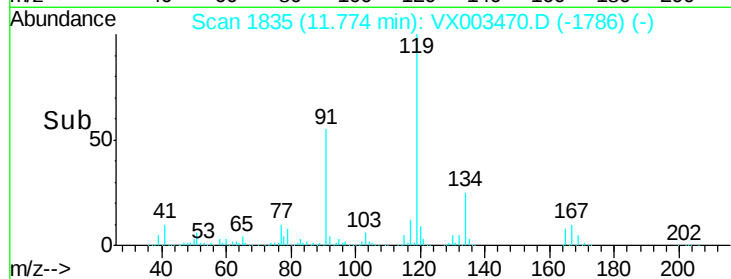
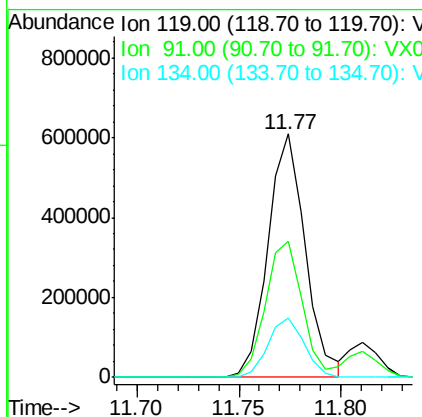
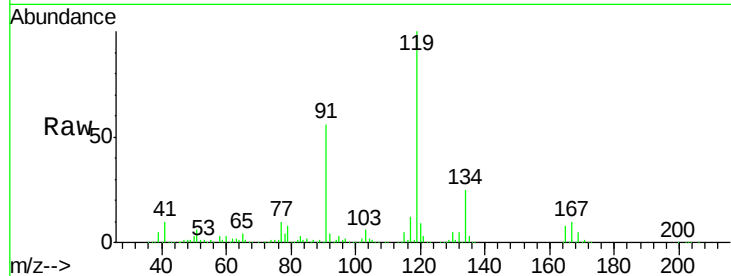




#83  
 tert-Butylbenzene  
 Concen: 50.62 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

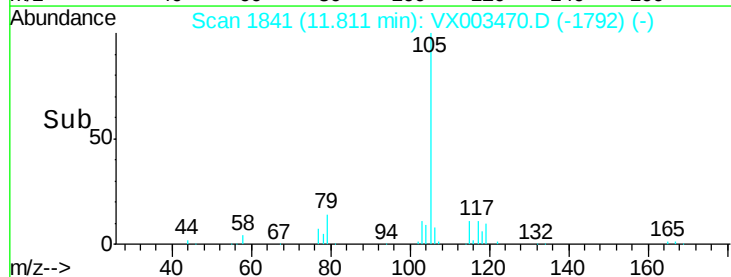
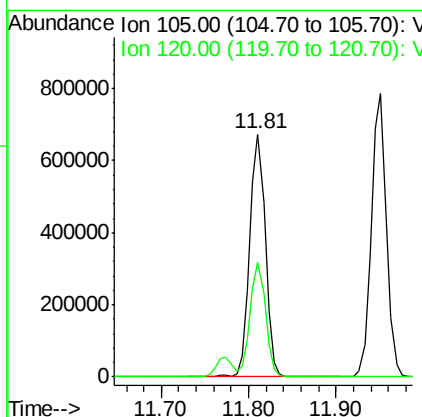
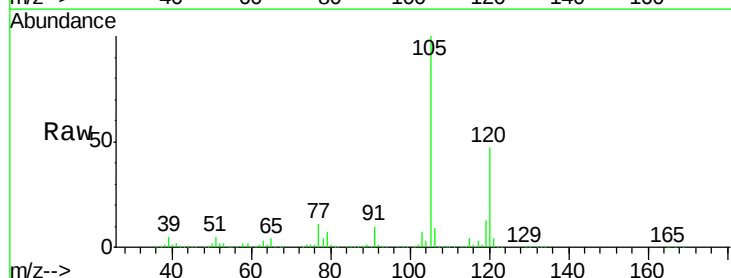
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX071918

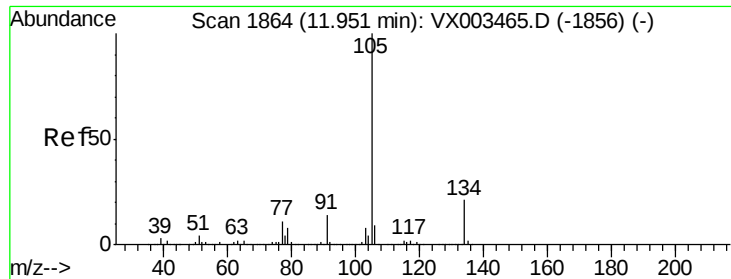
Tot Ion:119 Resp: 775322  
 Ion Ratio Lower Upper  
 119 100  
 91 54.9 30.3 90.9  
 134 24.0 11.7 35.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.88 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Tgt Ion:105 Resp: 825618  
 Ion Ratio Lower Upper  
 105 100  
 120 46.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

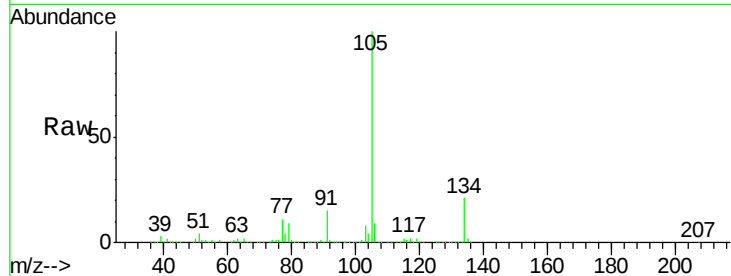
ICVVX071918

Tot Ion:105 Resp: 954209

Ion Ratio Lower Upper

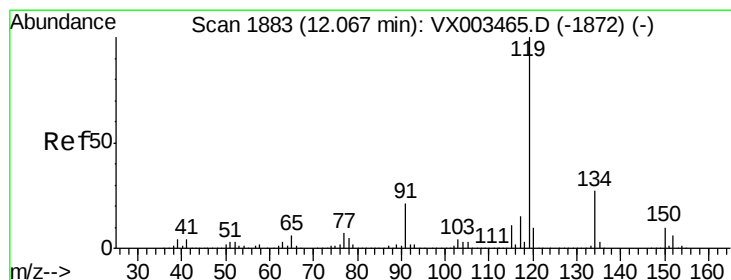
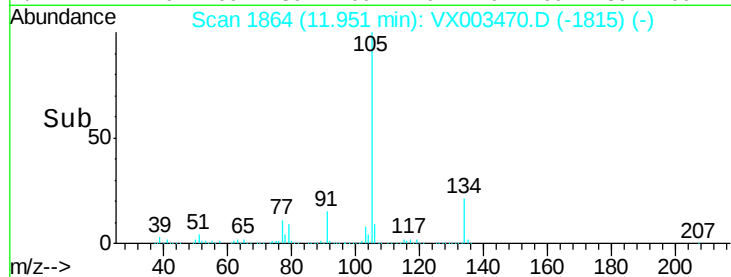
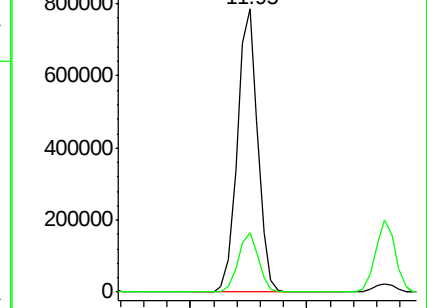
105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.23 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

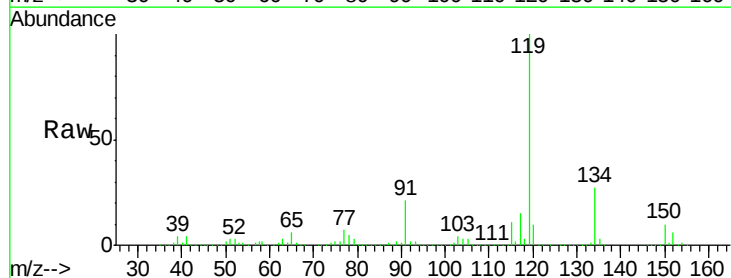
Tgt Ion:119 Resp: 872016

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

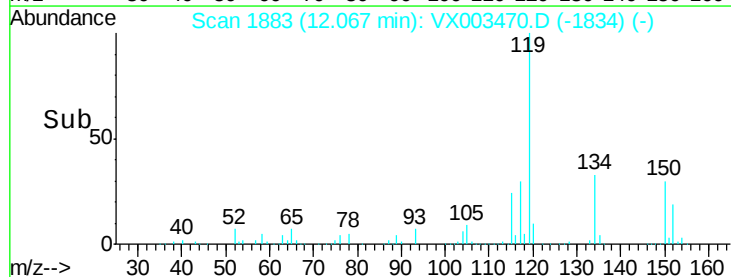
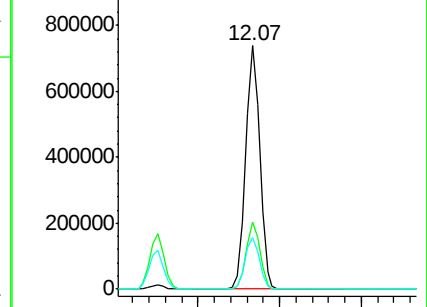
91 21.5 11.9 35.7

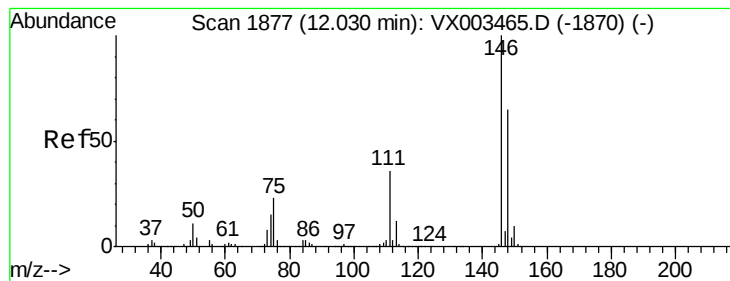


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.52 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

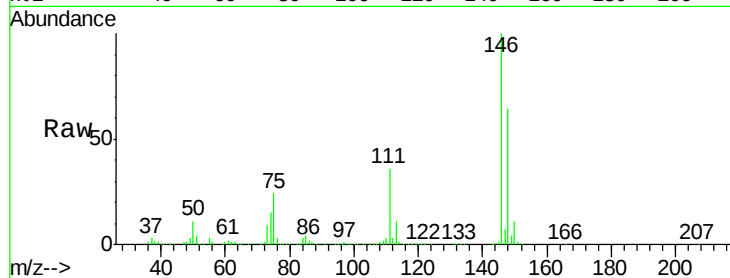
Tot Ion:146 Resp: 488148

Ion Ratio Lower Upper

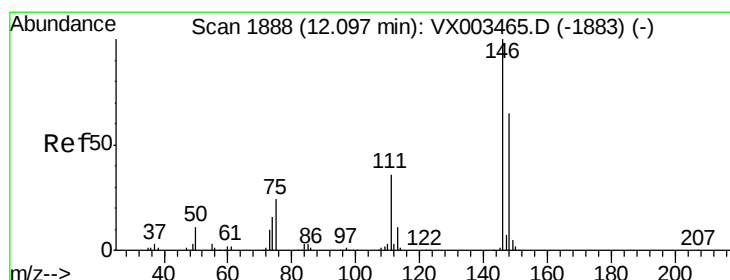
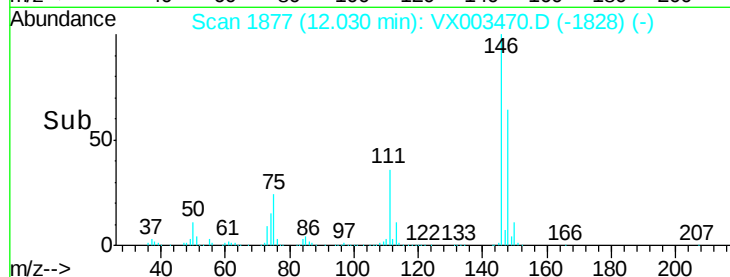
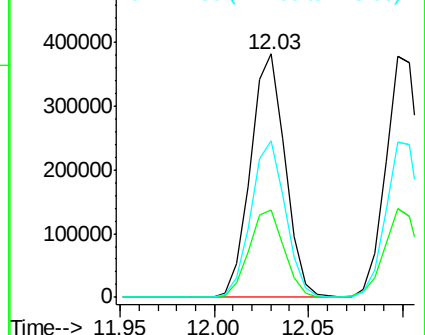
146 100

111 36.5 18.9 56.7

148 63.9 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 47.26 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

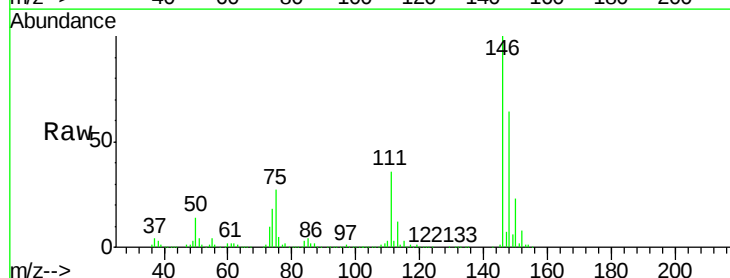
Tgt Ion:146 Resp: 489825

Ion Ratio Lower Upper

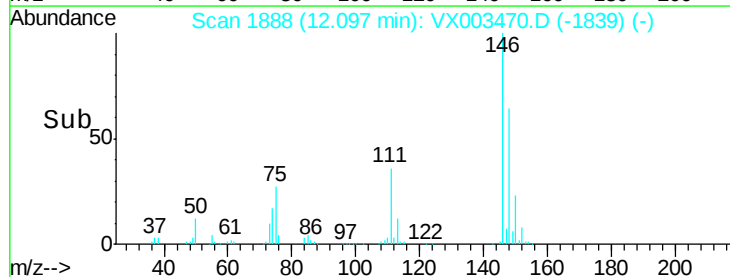
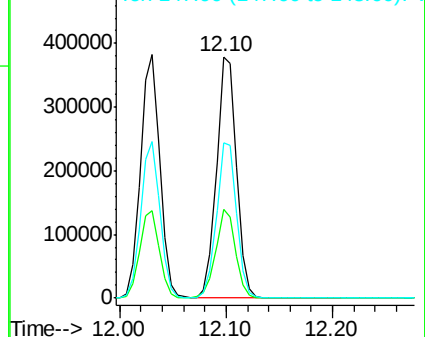
146 100

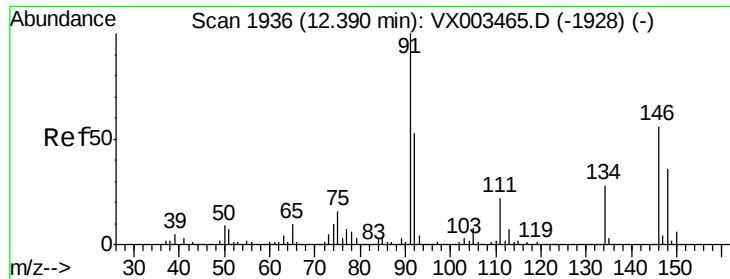
111 36.0 18.7 56.1

148 64.6 32.4 97.0



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





#89

n-Butylbenzene

Concen: 52.53 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

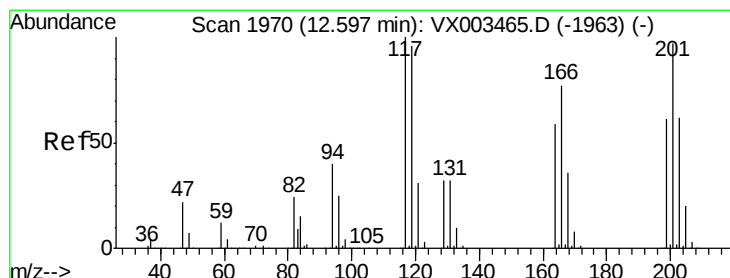
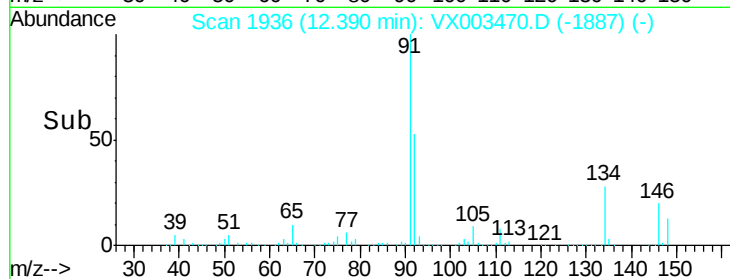
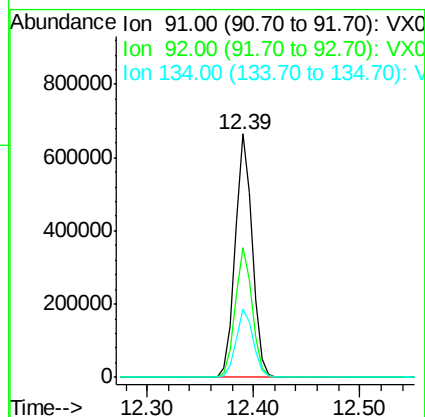
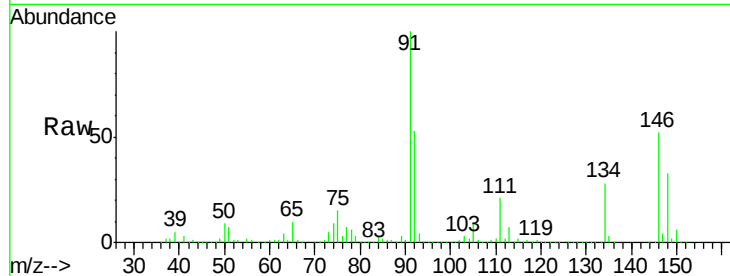
Tot Ion: 91 Resp: 744724

Ion Ratio Lower Upper

91 100

92 53.1 26.0 78.0

134 28.1 13.5 40.5



#90

Hexachloroethane

Concen: 52.05 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003470.D

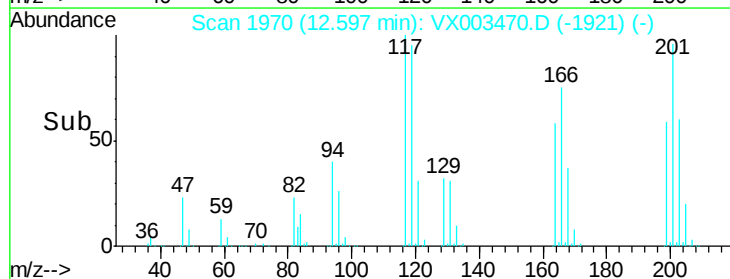
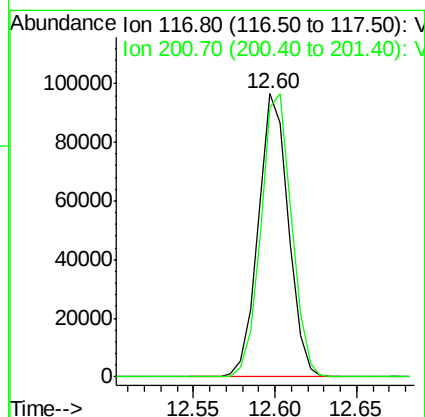
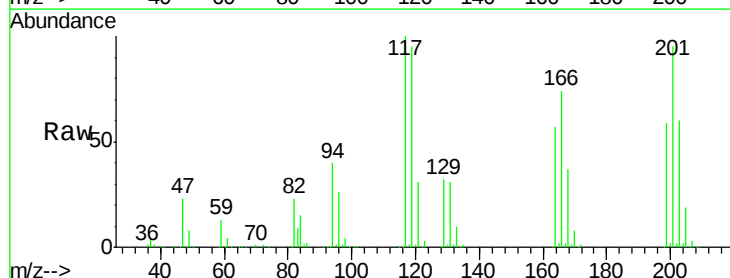
Acq: 19 Jul 2018 17:26

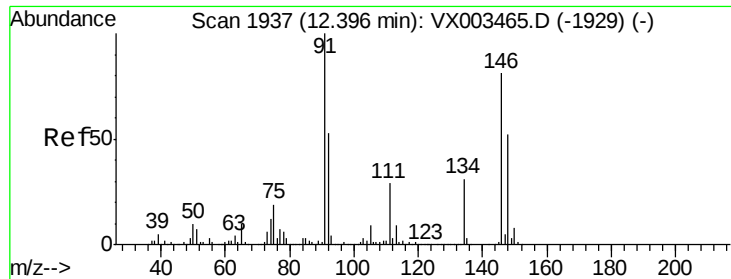
Tgt Ion: 117 Resp: 123529

Ion Ratio Lower Upper

117 100

201 101.6 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 48.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

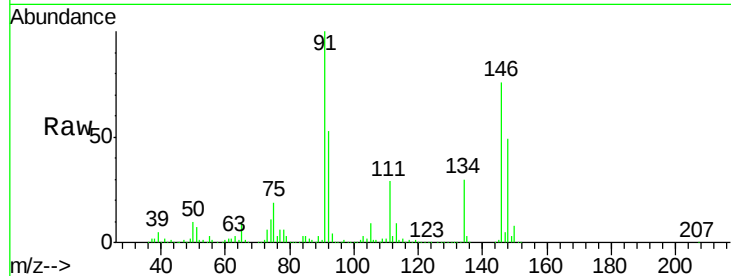
Tot Ion:146 Resp: 479773

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

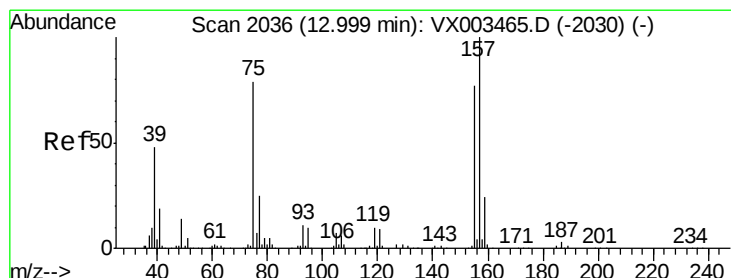
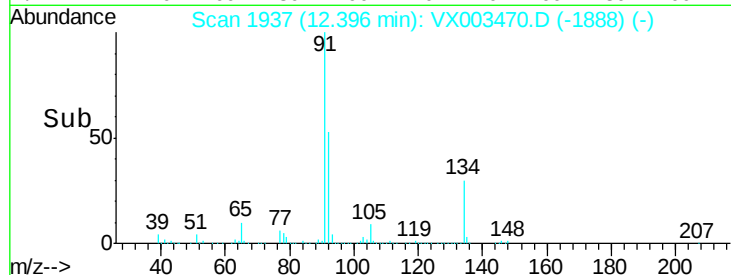
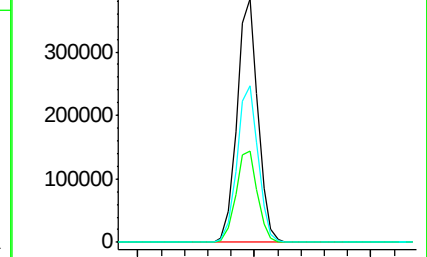
148 64.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.38 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

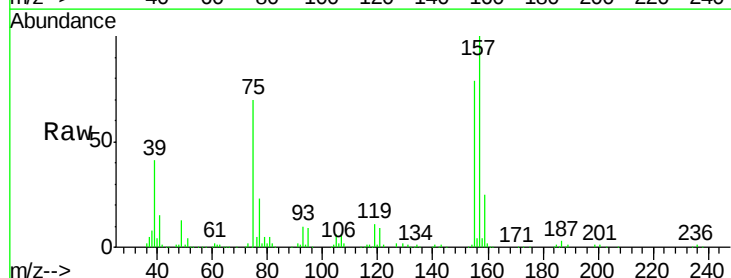
Tgt Ion: 75 Resp: 54673

Ion Ratio Lower Upper

75 100

155 106.0 45.8 137.4

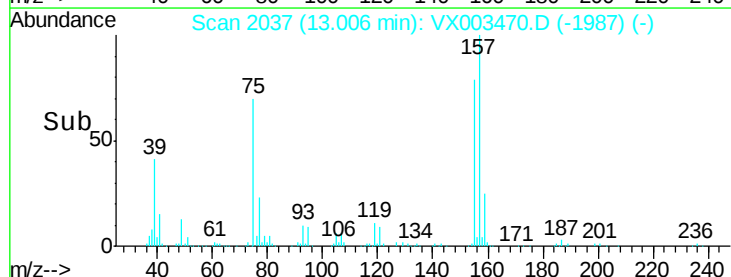
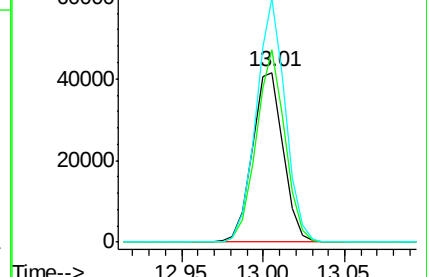
157 134.6 60.1 180.3

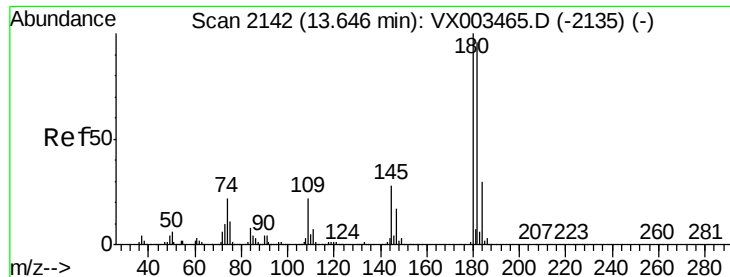


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

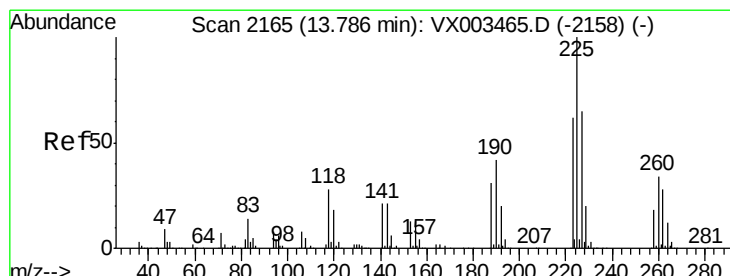
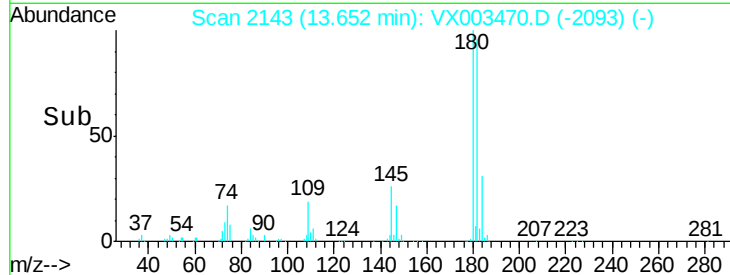
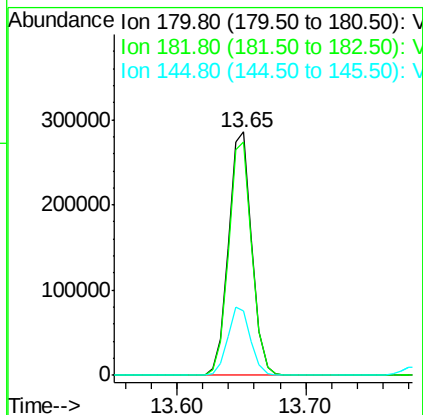
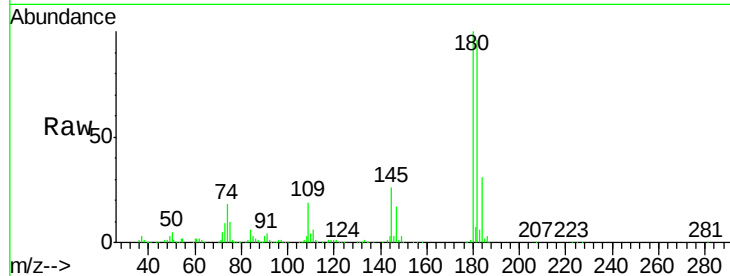




#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.63 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.01 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

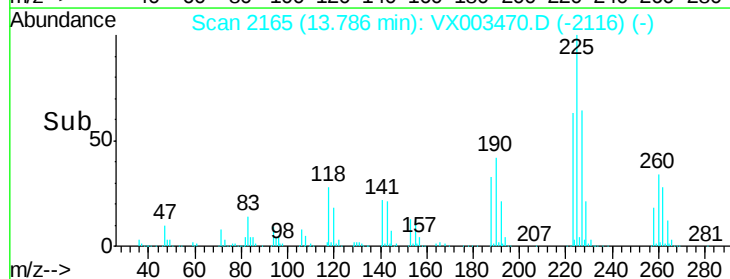
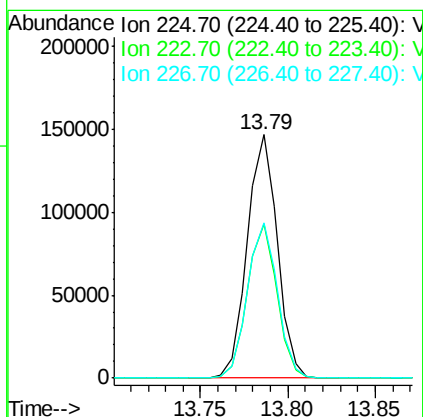
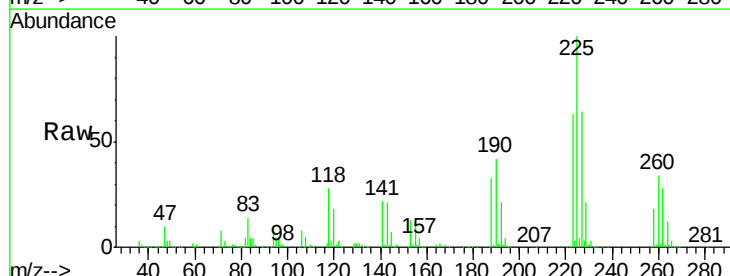
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX071918

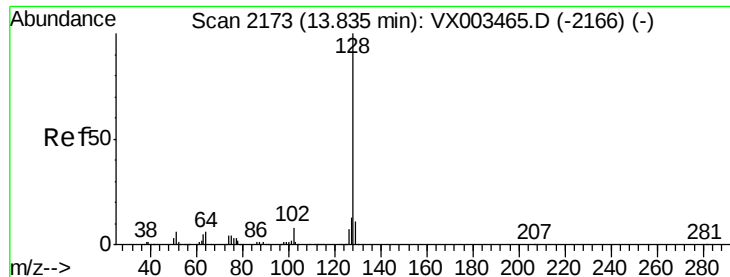
Tot Ion:180 Resp: 360723  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 47.7 143.1  
 145 27.6 14.1 42.4



#94  
 Hexachlorobutadiene  
 Concen: 50.20 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX003470.D  
 Acq: 19 Jul 2018 17:26

Tgt Ion:225 Resp: 175468  
 Ion Ratio Lower Upper  
 225 100  
 223 62.3 31.6 95.0  
 227 63.5 32.4 97.2





#95

Naphthalene

Concen: 51.74 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX071918

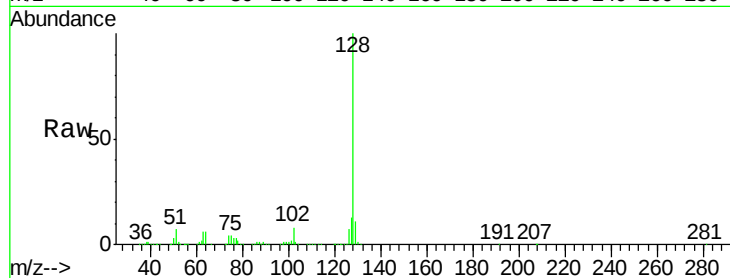
Tot Ion:128 Resp: 988106

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

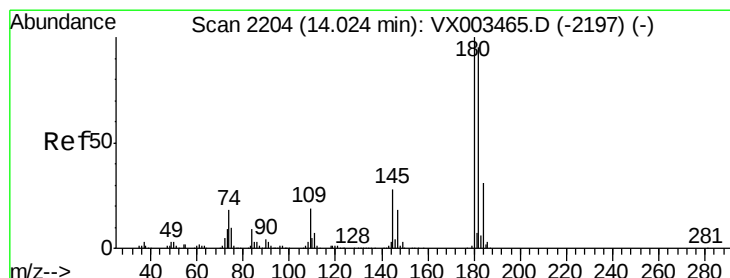
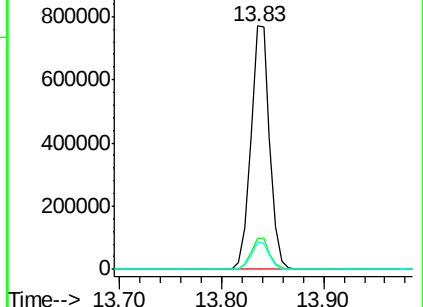
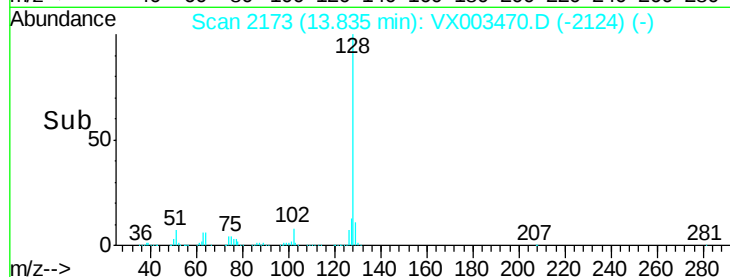
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.61 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003470.D

Acq: 19 Jul 2018 17:26

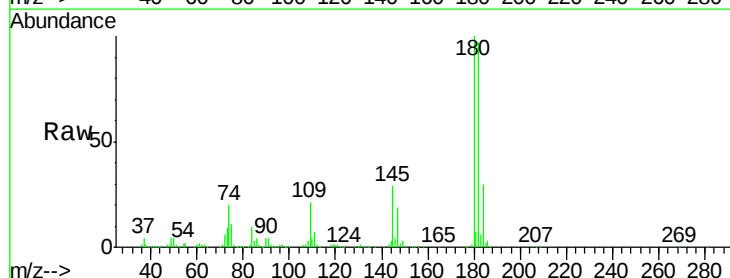
Tgt Ion:180 Resp: 356915

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.0

145 29.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

