

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\  
 Data File : VX004314.D  
 Acq On : 30 Aug 2018 01:38  
 Operator : JC/MD  
 Sample : J4681-09MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

Quant Time: Aug 30 02:15:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 23 05:39:44 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 294153   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 430696   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 396096   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 237196   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 186499   | 48.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 97.28%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 163301   | 50.97 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 101.94% |          |
| 50) Toluene-d8              | 8.72  | 98   | 601481   | 49.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 99.46%  |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 224312   | 49.71 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 99.42%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85   | 163061   | 47.86  | ug/l  | 95     |
| 3) Chloromethane              | 1.32 | 50   | 182118   | 48.37  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.40 | 62   | 191941   | 49.80  | ug/l  | 99     |
| 5) Bromomethane               | 1.63 | 94   | 88125    | 46.23  | ug/l  | 99     |
| 6) Chloroethane               | 1.71 | 64   | 127893   | 46.71  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 258978   | 49.03  | ug/l  | 95     |
| 8) Diethyl Ether              | 2.18 | 74   | 117954   | 52.15  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 156412   | 47.28  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 178913   | 48.11  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.09 | 59   | 230884   | 282.51 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 152051   | 48.79  | ug/l  | 98     |
| 13) Acrolein                  | 2.29 | 56   | 53811    | 273.11 | ug/l  | 98     |
| 14) Allyl chloride            | 2.72 | 41   | 279190   | 48.76  | ug/l  | 97     |
| 15) Acrylonitrile             | 3.15 | 53   | 537850   | 265.75 | ug/l  | 100    |
| 16) Acetone                   | 2.45 | 43   | 446524   | 286.49 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.56 | 76   | 399381   | 46.21  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 256992   | 45.17  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 529307   | 51.54  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.85 | 84   | 178951   | 48.49  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 165760   | 48.06  | ug/l  | 95     |
| 22) Diisopropyl ether         | 3.87 | 45   | 531007   | 49.67  | ug/l  | 99     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1415335  | 163.36 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63   | 322662   | 51.79  | ug/l  | 99     |
| 25) 2-Butanone                | 4.71 | 43   | 708951   | 276.27 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 131773   | 26.97  | ug/l  | 95     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 193075   | 49.35  | ug/l  | 95     |
| 28) Bromochloromethane        | 5.02 | 49   | 143469   | 52.02  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.17 | 42   | 449148   | 272.67 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 319674   | 51.18  | ug/l  | 97     |
| 31) Cyclohexane               | 5.57 | 56   | 261007   | 48.56  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 267670   | 51.39  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75   | 235364   | 48.61  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.86 | 43   | 178001   | 37.38  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 231302   | 50.78  | ug/l  | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082918\  
 Data File : VX004314.D  
 Acq On : 30 Aug 2018 01:38  
 Operator : JC/MD  
 Sample : J4681-09MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

Quant Time: Aug 30 02:15:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 23 05:39:44 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 251851   | 45.56   | ug/l   | 99       |
| 40) Benzene                    | 6.14  | 78   | 733123   | 50.67   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 149434   | 54.14   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 246488   | 49.95   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 312808   | 42.75   | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 192787   | 48.14   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 189739   | 52.40   | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 120489   | 49.97   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 235890   | 52.58   | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.78  | 41   | 213192   | 54.45   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 100193   | 1127.08 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1391983  | 261.82  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 461936   | 51.01   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 237843   | 48.00   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 256127   | 47.45   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 189802   | 51.92   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 275542   | 55.36   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 320429   | 52.00   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.24  | 63   | 893      | 0.35    | ug/l # | 45       |
| 59) 2-Hexanone                 | 9.50  | 43   | 1072162  | 264.34  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 189700   | 53.26   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 193907   | 51.25   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 218768   | 55.91   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 484883   | 48.78   | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 177603   | 51.80   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 813046   | 50.36   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 670702   | 106.24  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 332051   | 55.61   | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 538149   | 55.66   | ug/l   | 98       |
| 71) Bromoform                  | 10.86 | 173  | 150392   | 54.41   | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 881310   | 56.57   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 232083   | 38.69   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 299154   | 54.87   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 321682   | 66.68   | ug/l   | 87       |
| 77) Bromobenzene               | 11.26 | 156  | 237843   | 54.43   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 1004453  | 56.06   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 590424   | 53.54   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 733866   | 56.88   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 71809    | 48.30   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 699424   | 53.90   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 739546   | 56.97   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 756841   | 57.15   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 861306   | 55.89   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 740185   | 53.59   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 427114   | 51.91   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 408838   | 47.13   | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.39 | 91   | 584155   | 52.02   | ug/l   | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 108994   | 56.46   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 414610   | 55.14   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 54401    | 56.65   | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\  
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Acq On : 30 Aug 2018 01:38  
Operator : JC/MD  
Sample : J4681-09MSD  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 41 Sample Multiplier: 1

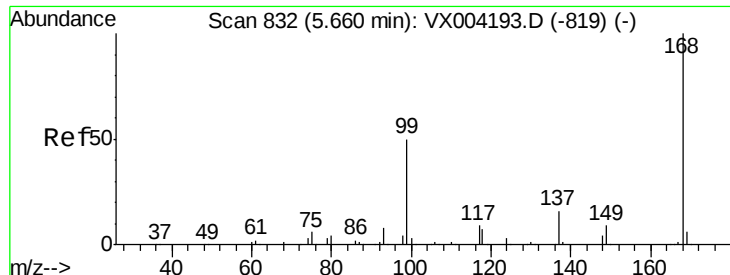
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

Quant Time: Aug 30 02:15:38 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 23 05:39:44 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 284890   | 52.07 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 136075   | 53.47 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 975110   | 63.01 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 325549   | 56.21 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

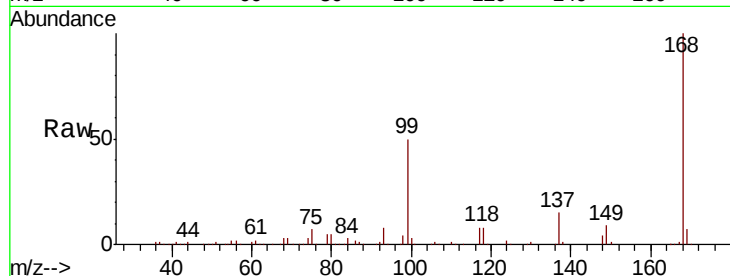
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion:168 Resp: 294153

Ion Ratio Lower Upper

168 100

99 50.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

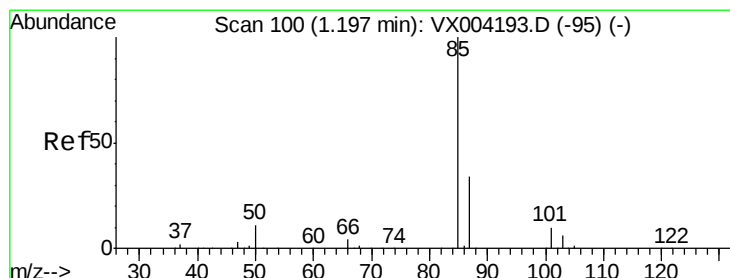
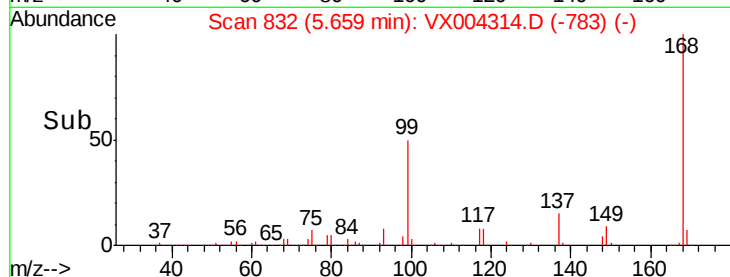
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.86 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004314.D

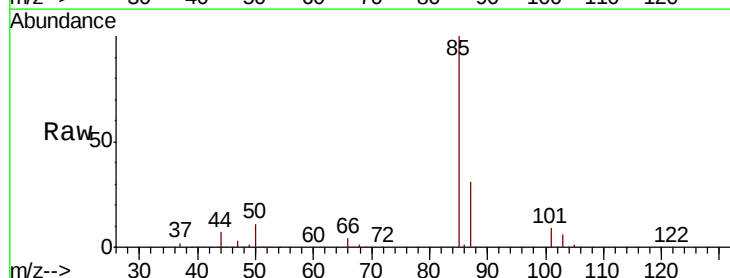
Acq: 30 Aug 2018 01:38

Tgt Ion: 85 Resp: 163061

Ion Ratio Lower Upper

85 100

87 31.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

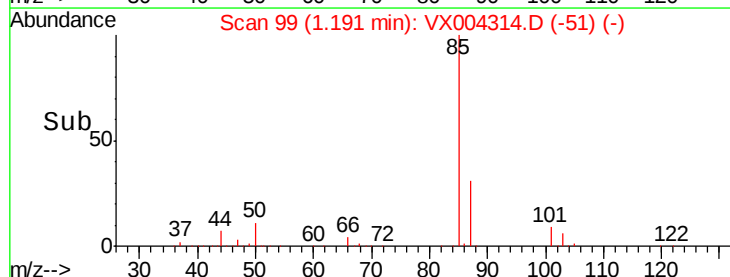
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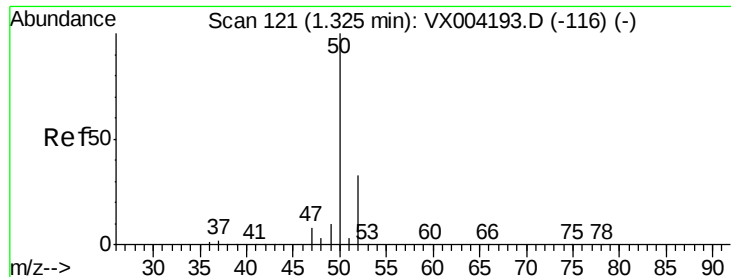
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.37 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

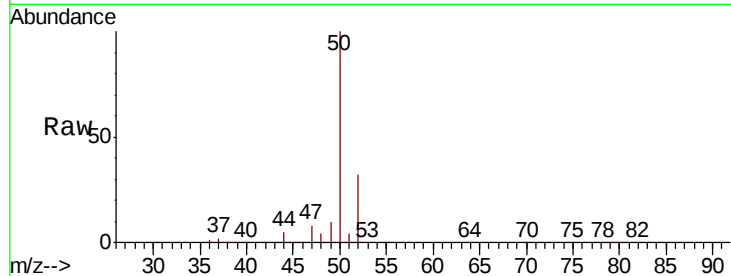
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 50 Resp: 182118

Ion Ratio Lower Upper

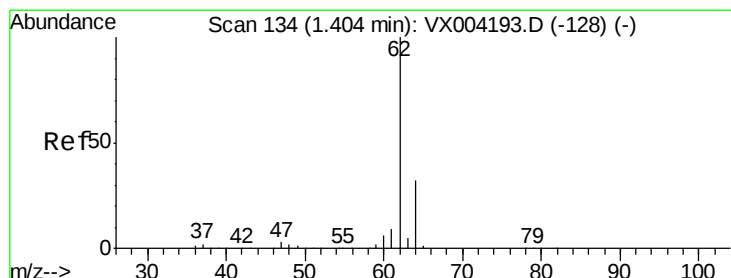
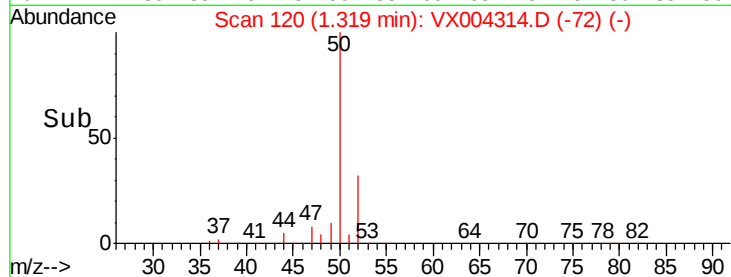
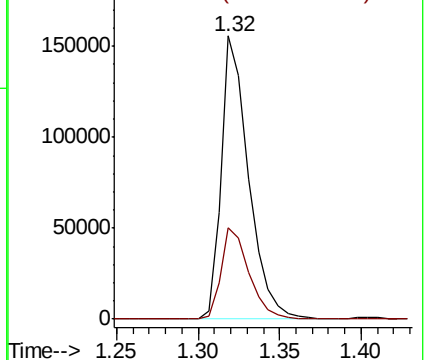
50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004314.D

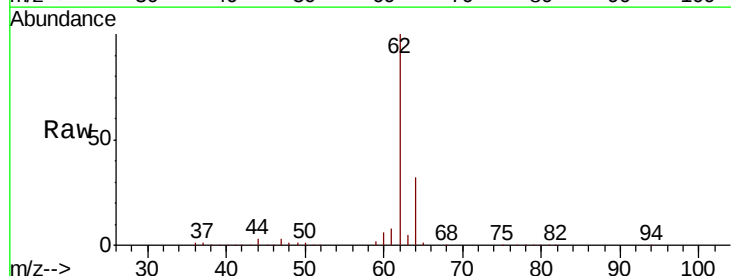
Acq: 30 Aug 2018 01:38

Tgt Ion: 62 Resp: 191941

Ion Ratio Lower Upper

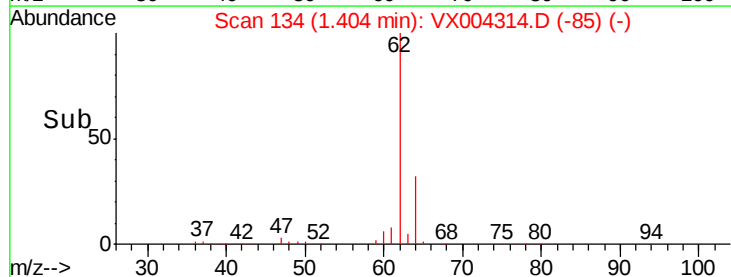
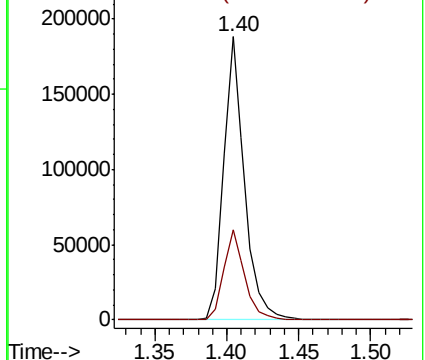
62 100

64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.23 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

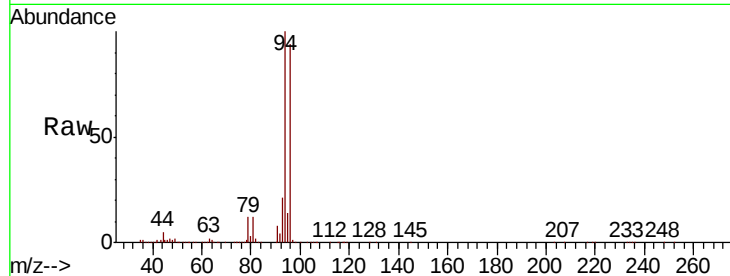
CPA-CPMW05S-M12W4-082 18MS

Tot Ion: 94 Resp: 88125

Ion Ratio Lower Upper

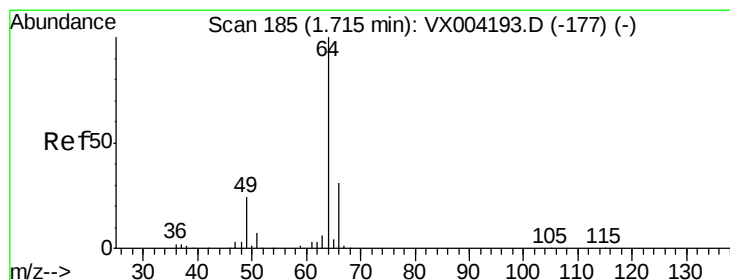
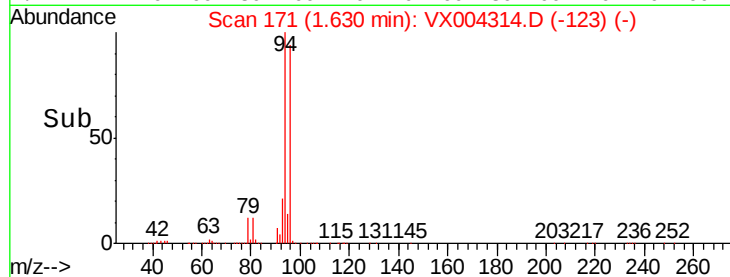
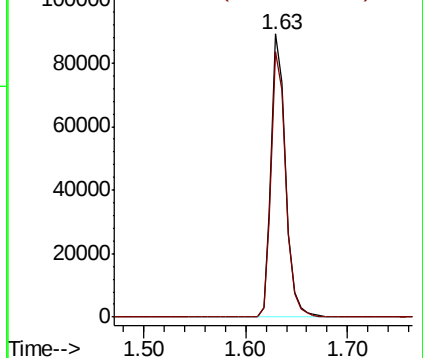
94 100

96 93.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.71 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004314.D

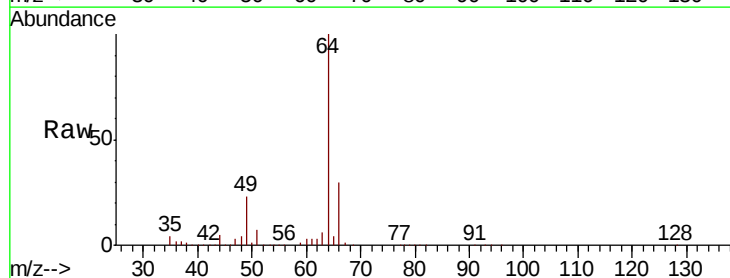
Acq: 30 Aug 2018 01:38

Tgt Ion: 64 Resp: 127893

Ion Ratio Lower Upper

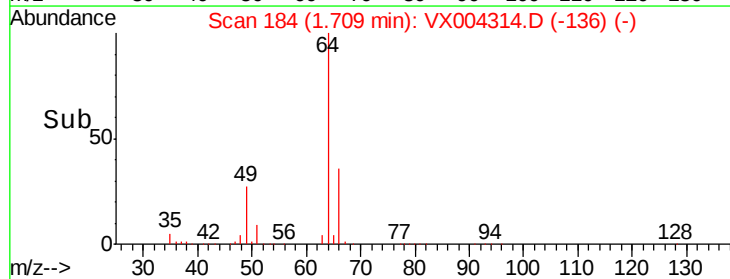
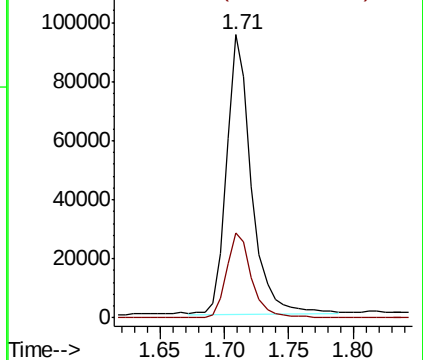
64 100

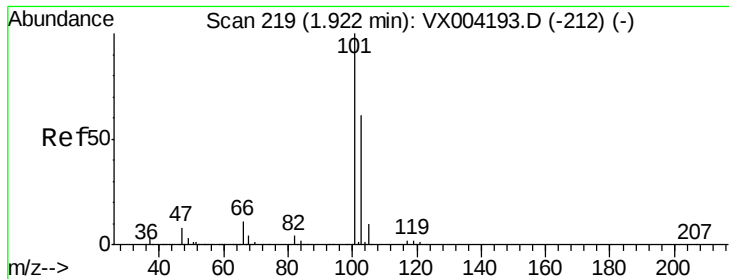
66 30.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.03 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

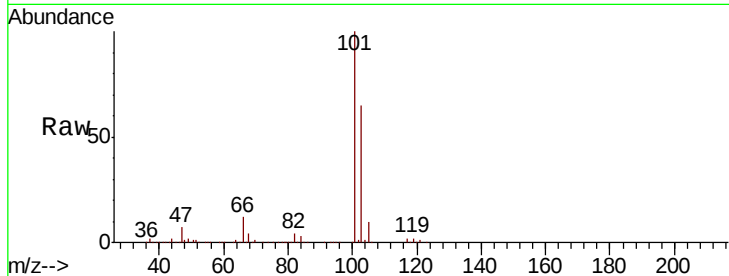
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion:101 Resp: 258978

Ion Ratio Lower Upper

101 100

103 64.8 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

200000

150000

100000

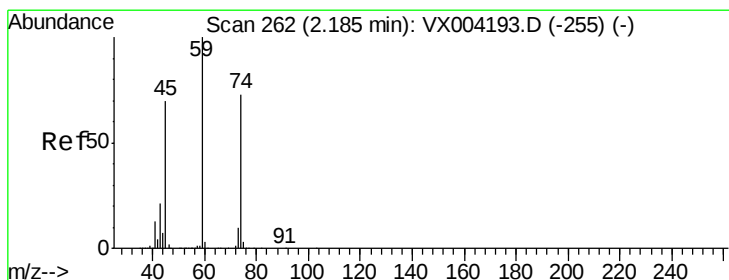
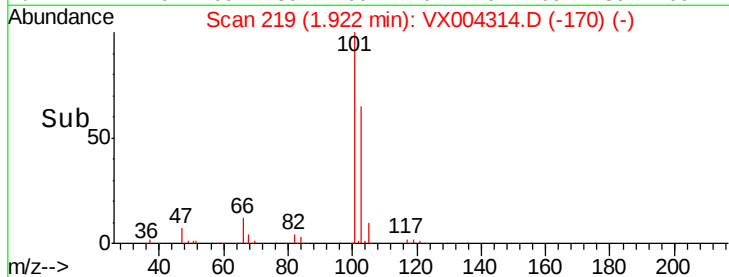
50000

0

1.92

1.80 1.90 2.00 2.10

Time-->



#8

Diethyl Ether

Concen: 52.15 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.00 min

Lab File: VX004314.D

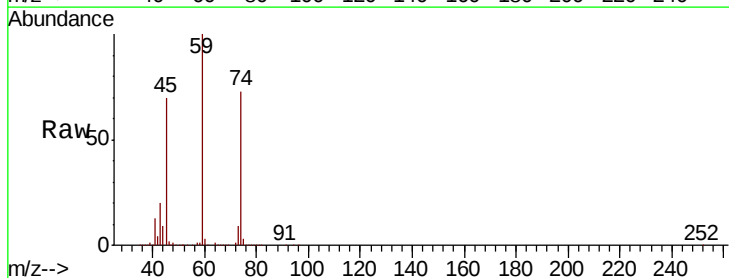
Acq: 30 Aug 2018 01:38

Tgt Ion: 74 Resp: 117954

Ion Ratio Lower Upper

74 100

45 94.8 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

80000

60000

40000

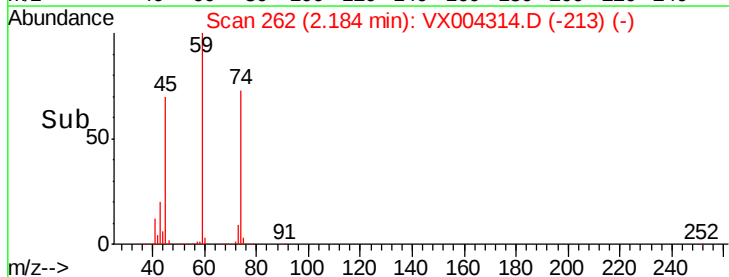
20000

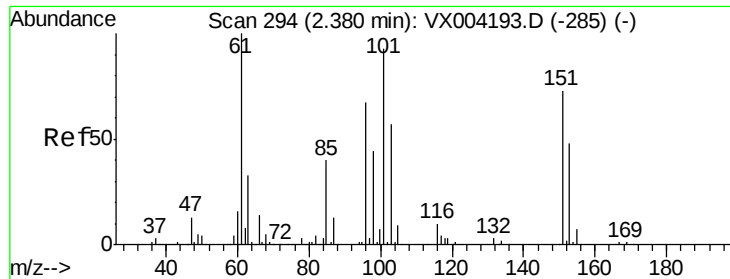
0

2.18

2.10 2.20 2.30

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.28 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

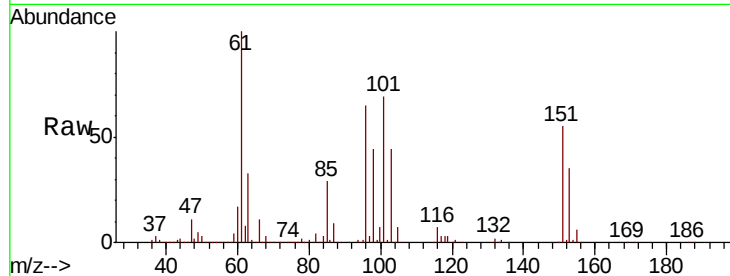
Tot Ion:101 Resp: 156412

Ion Ratio Lower Upper

101 100

85 42.0 34.2 51.4

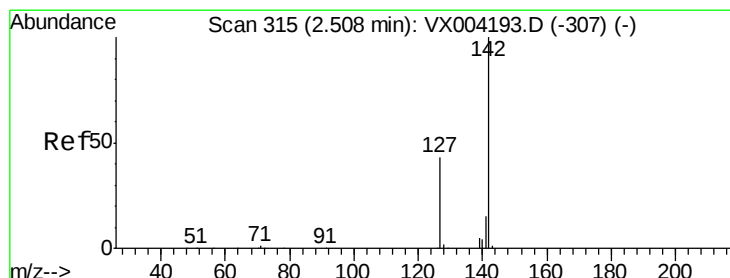
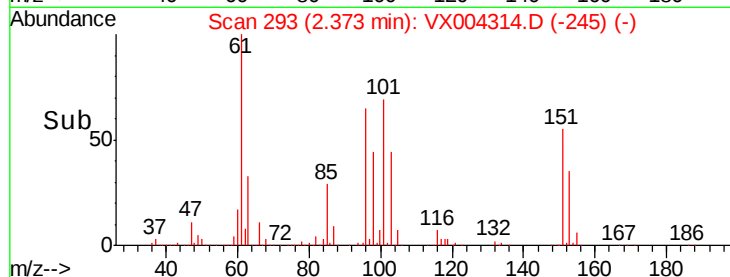
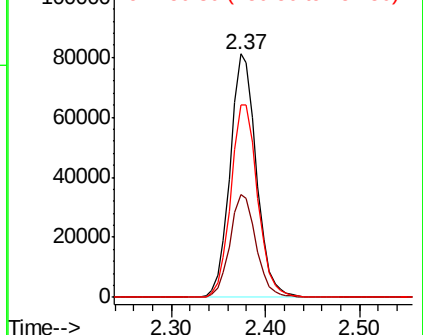
151 81.0 65.0 97.6



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: 48.11 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

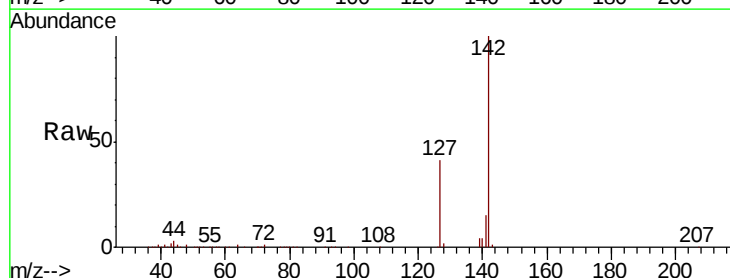
Tgt Ion:142 Resp: 178913

Ion Ratio Lower Upper

142 100

127 41.0 33.8 50.6

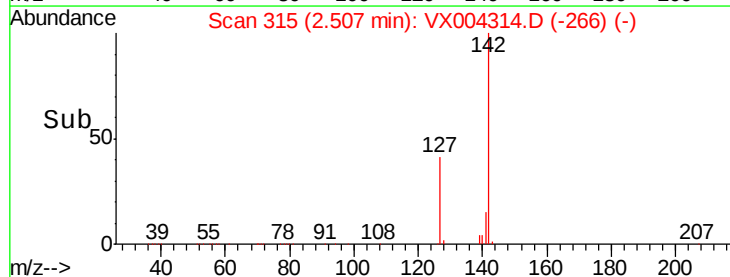
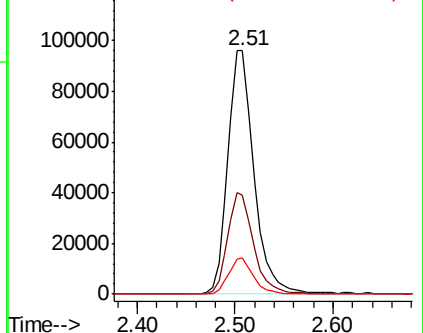
141 14.2 11.4 17.0

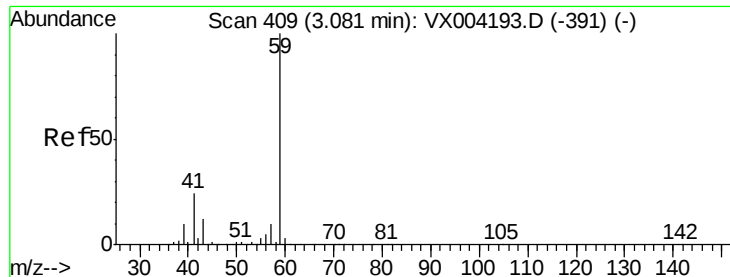


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

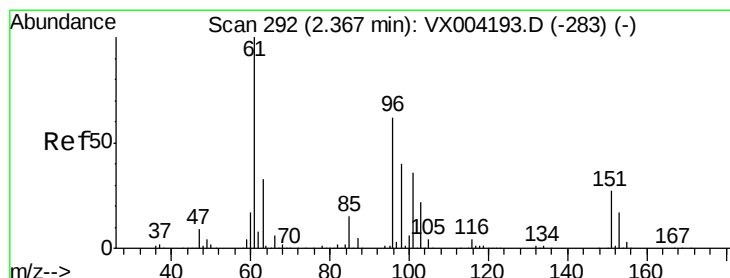
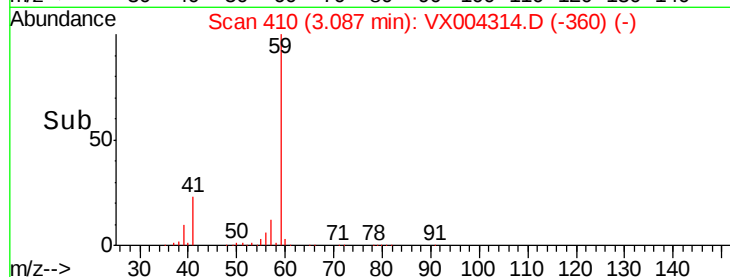
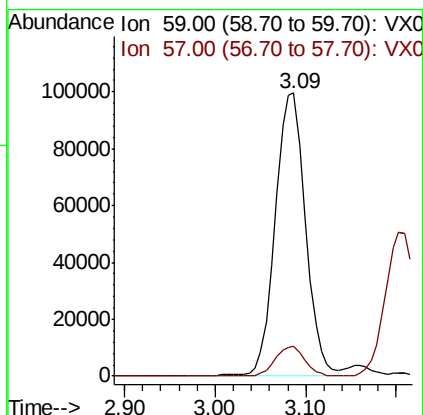
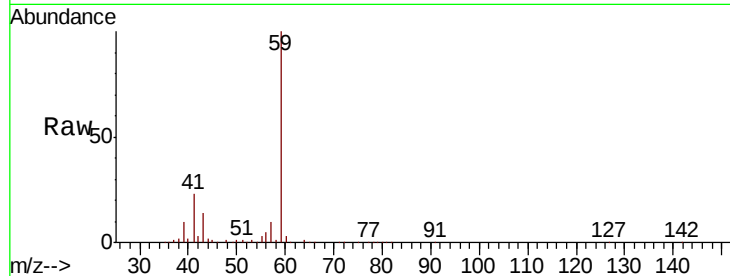




#11  
Tert butyl alcohol  
Concen: 282.51 ug/l  
RT: 3.09 min Scan# 410  
Delta R.T. 0.01 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

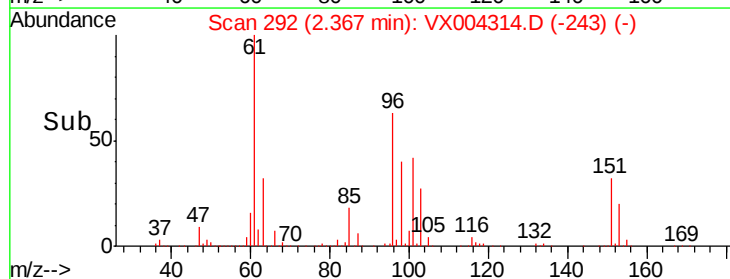
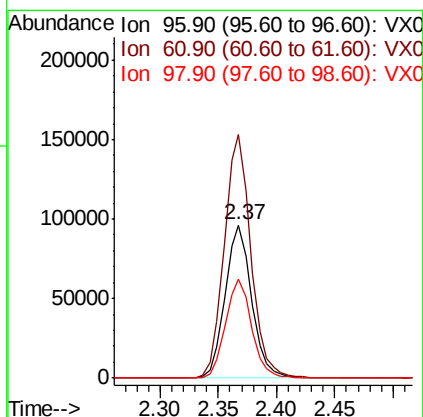
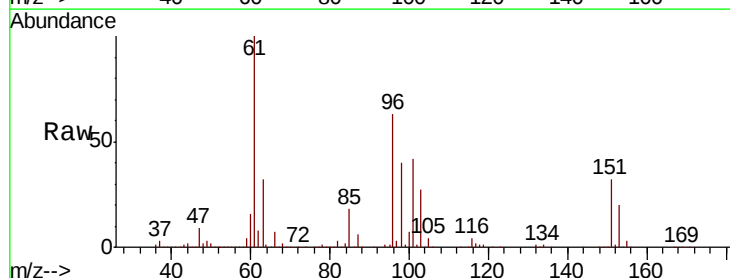
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

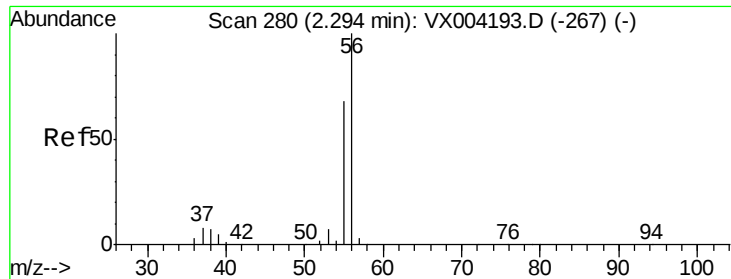
Tot Ion: 59 Resp: 230884  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 48.79 ug/l  
RT: 2.37 min Scan# 292  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion: 96 Resp: 152051  
Ion Ratio Lower Upper  
96 100  
61 158.8 128.8 193.2  
98 64.3 52.2 78.2





#13

Acrolein

Concen: 273.11 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

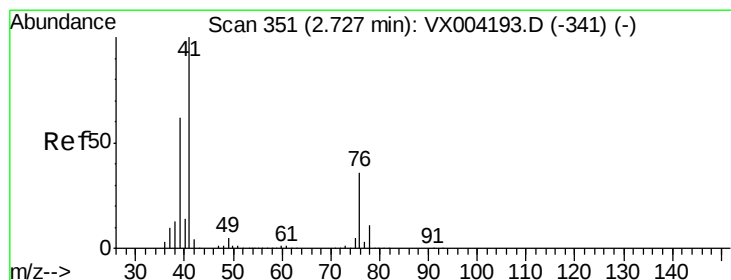
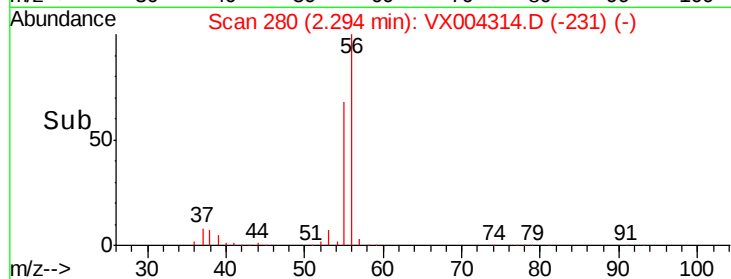
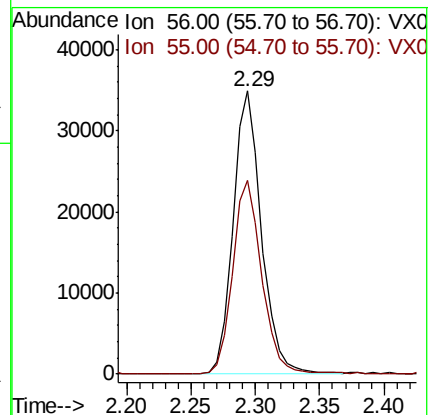
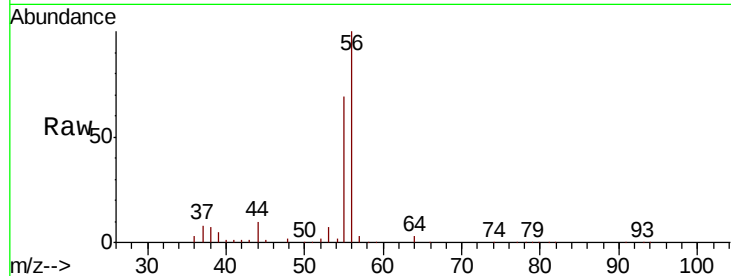
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 56 Resp: 53811

Ion Ratio Lower Upper

56 100

55 69.9 54.7 82.1



#14

Allyl chloride

Concen: 48.76 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

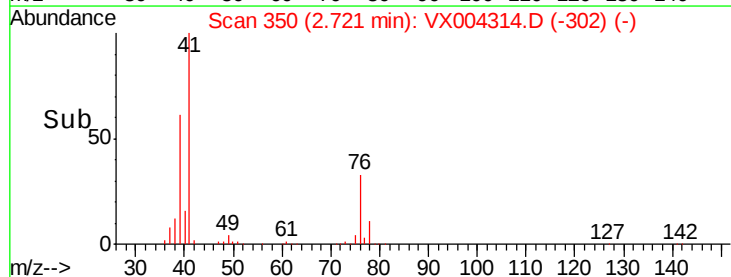
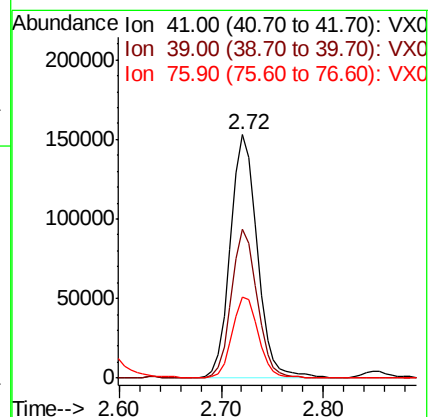
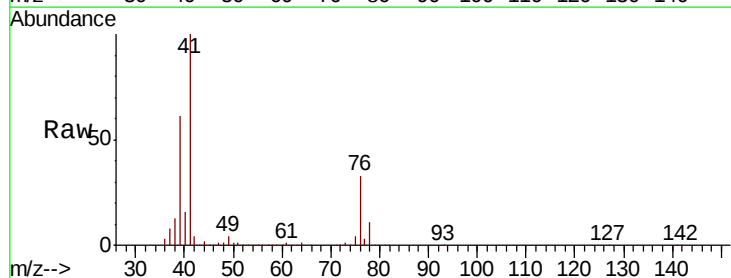
Tgt Ion: 41 Resp: 279190

Ion Ratio Lower Upper

41 100

39 58.7 48.9 73.3

76 32.5 26.7 40.1





#15

Acrylonitrile

Concen: 265.75 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

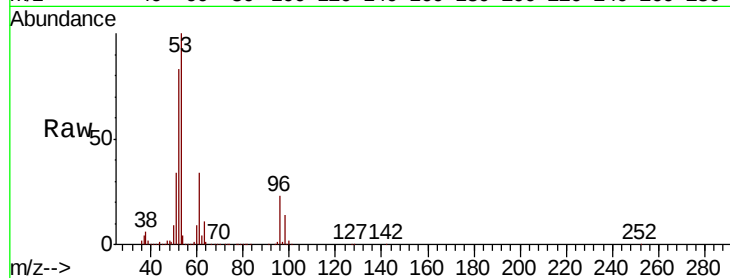
Tot Ion: 53 Resp: 537850

Ion Ratio Lower Upper

53 100

52 81.7 65.2 97.8

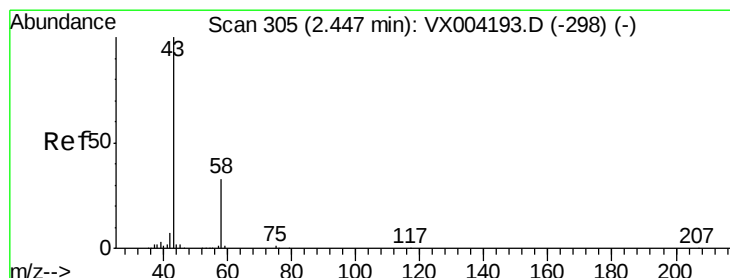
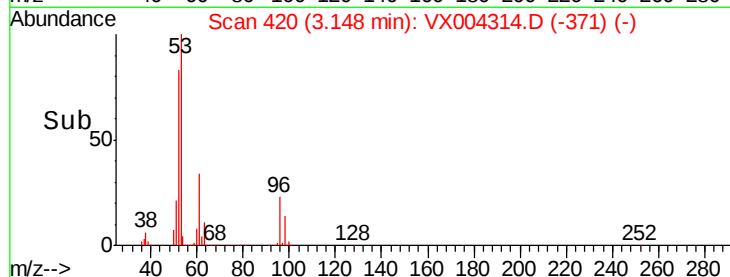
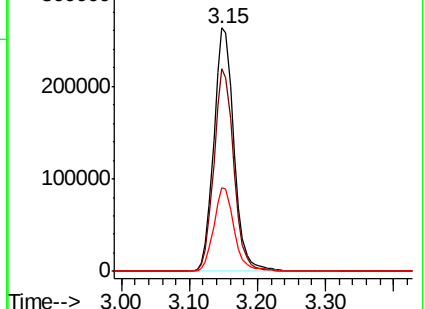
51 34.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 286.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004314.D

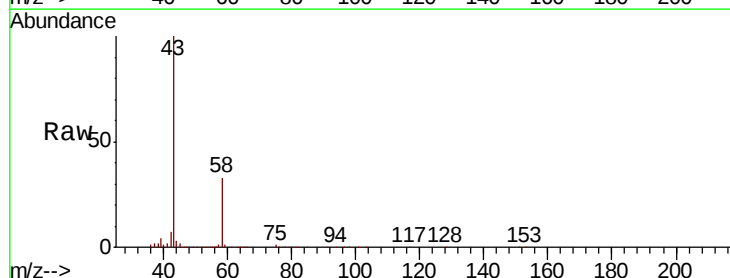
Acq: 30 Aug 2018 01:38

Tgt Ion: 43 Resp: 446524

Ion Ratio Lower Upper

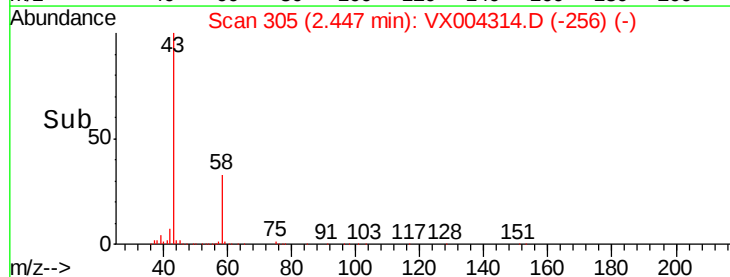
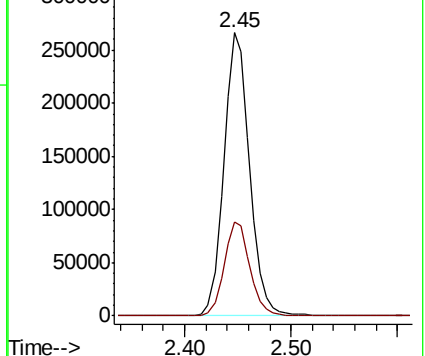
43 100

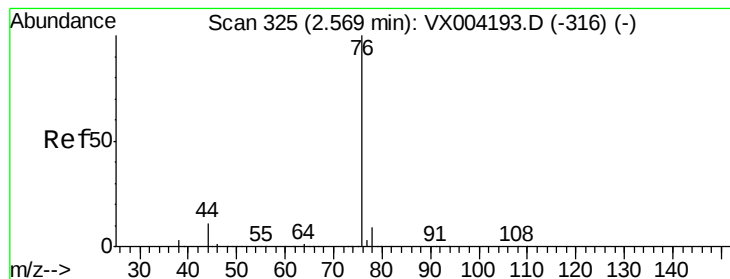
58 33.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.21 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

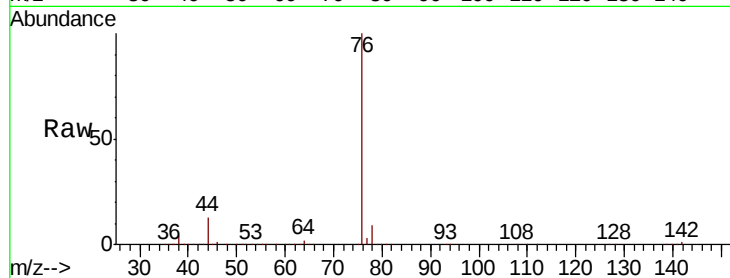
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 76 Resp: 399381

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

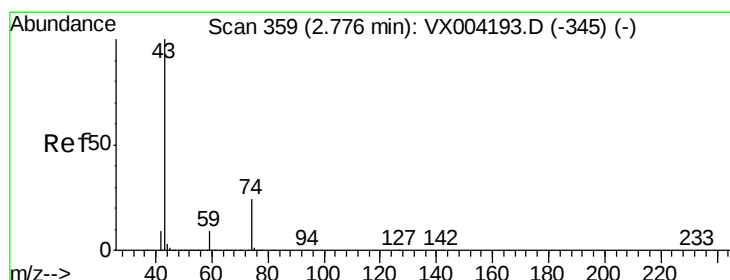
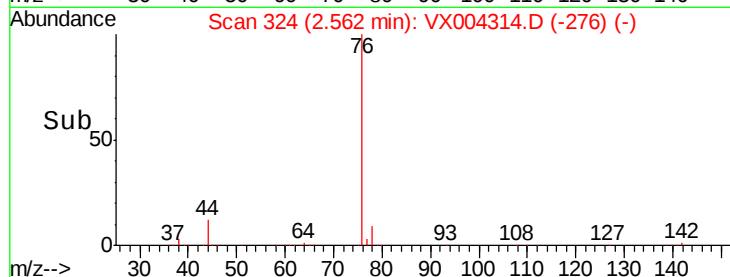
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 45.17 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004314.D

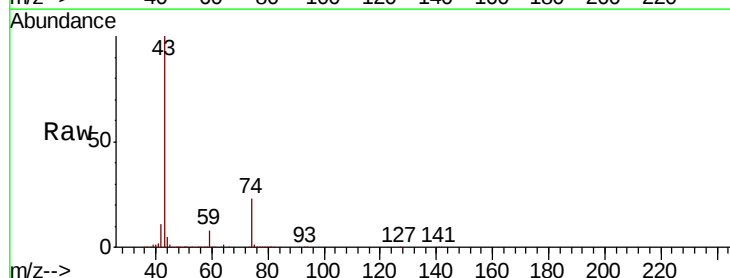
Acq: 30 Aug 2018 01:38

Tgt Ion: 43 Resp: 256992

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

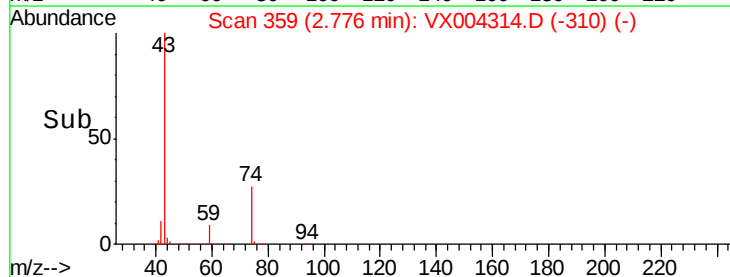
50000

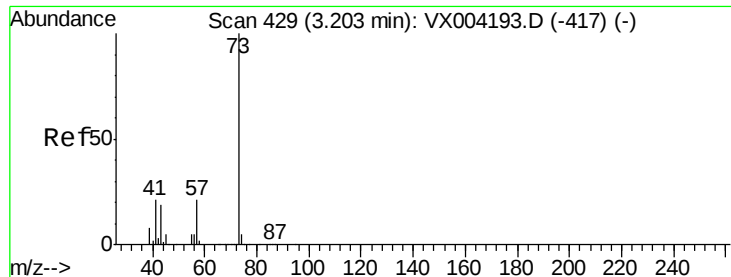
0

2.78

2.70 2.80 2.90 3.00

Time-->



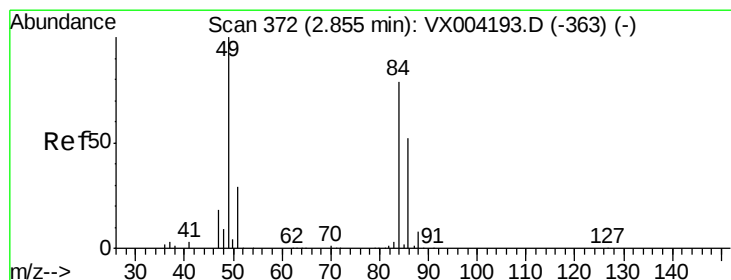
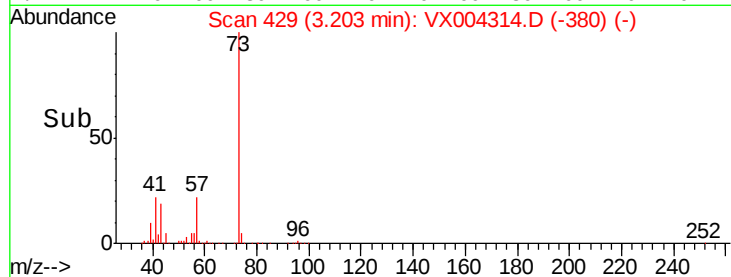
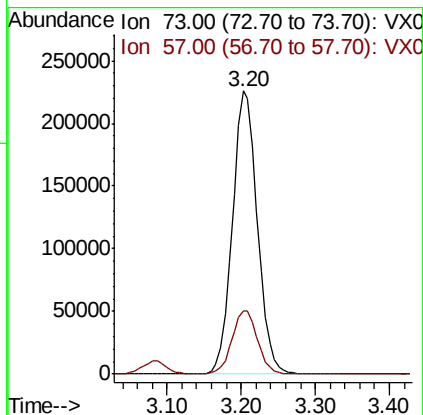
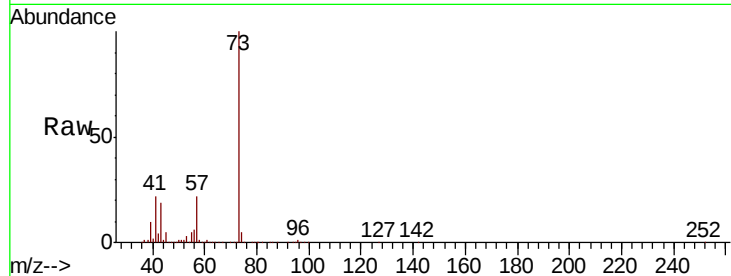


#19

Methyl tert-butyl Ether  
 Concen: 51.54 ug/l  
 RT: 3.20 min Scan# 429  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

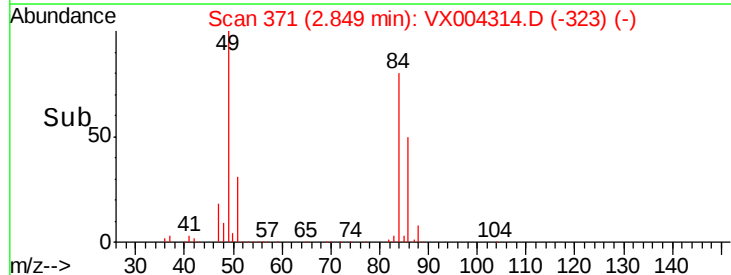
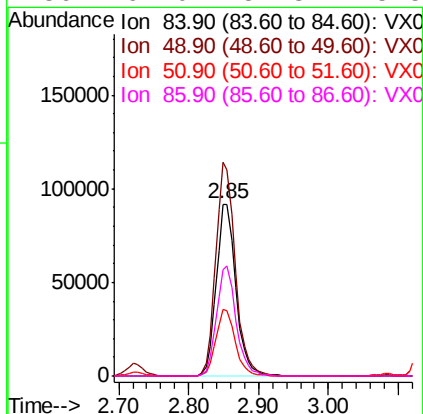
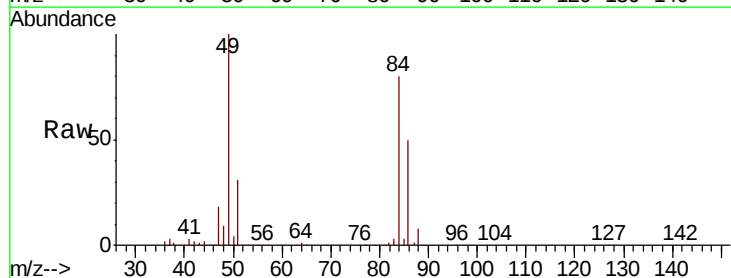
Tot Ion: 73 Resp: 529307  
 Ion Ratio Lower Upper  
 73 100  
 57 22.4 17.1 25.7

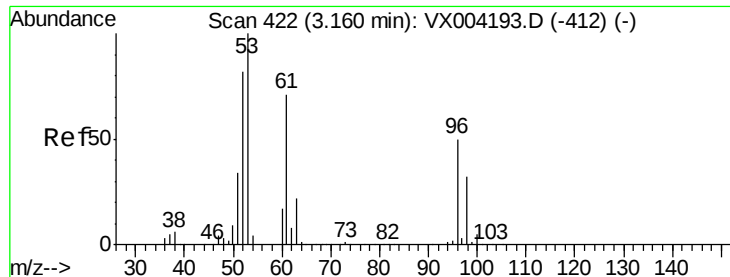


#20

Methylene Chloride  
 Concen: 48.49 ug/l  
 RT: 2.85 min Scan# 371  
 Delta R.T. -0.01 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

Tgt Ion: 84 Resp: 178951  
 Ion Ratio Lower Upper  
 84 100  
 49 124.2 101.2 151.8  
 51 38.9 29.5 44.3  
 86 62.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.06 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

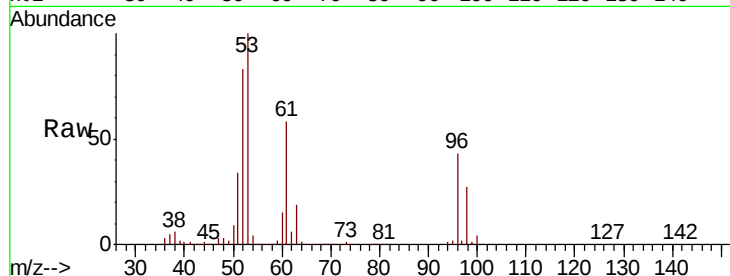
Tot Ion: 96 Resp: 165760

Ion Ratio Lower Upper

96 100

61 134.7 113.8 170.6

98 63.4 51.8 77.8

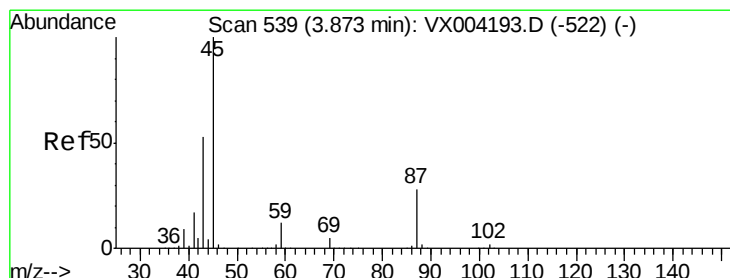
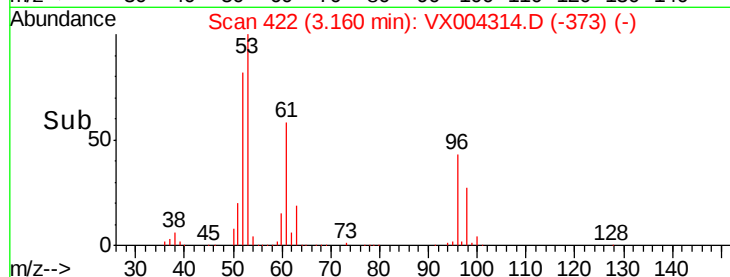
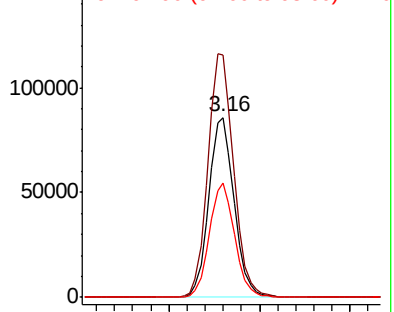


Abundance

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



#22

Diisopropyl ether

Concen: 49.67 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion: 45 Resp: 531007

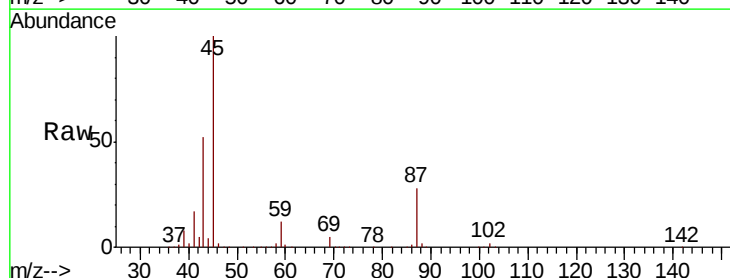
Ion Ratio Lower Upper

45 100

43 52.0 42.8 64.2

87 28.1 22.6 34.0

59 12.0 9.6 14.4



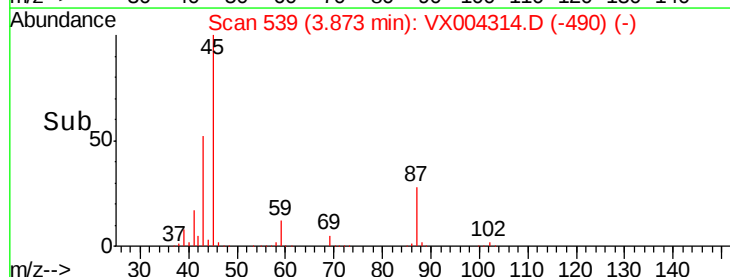
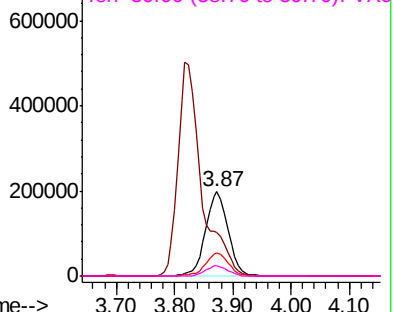
Abundance

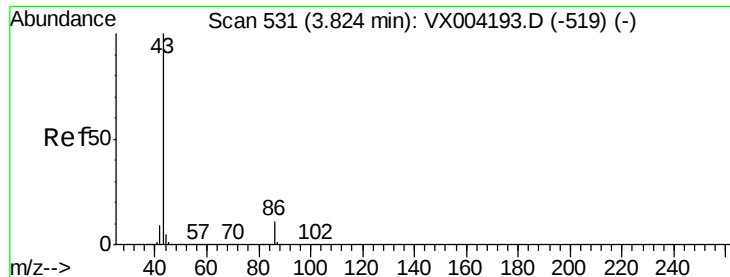
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 163.36 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

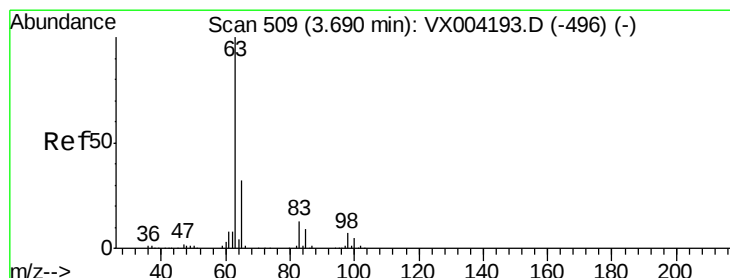
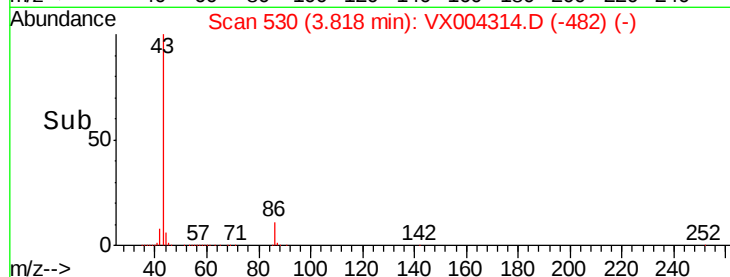
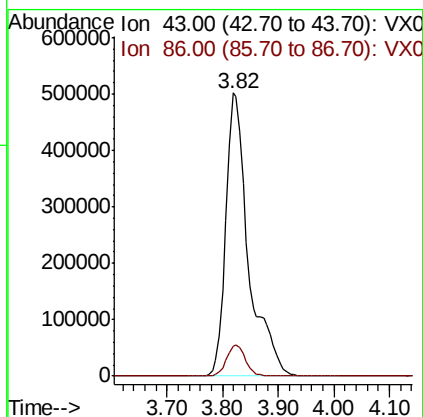
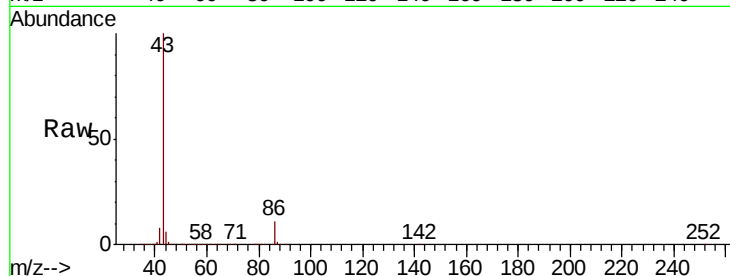
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 43 Resp: 1415335

Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.79 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

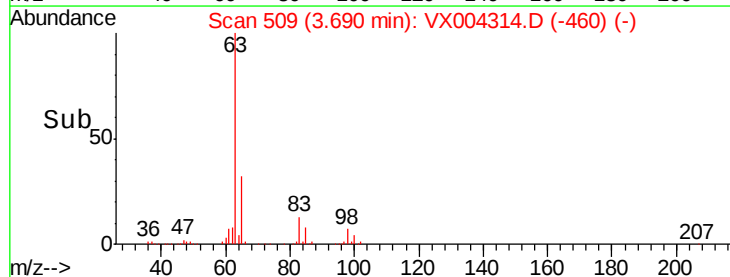
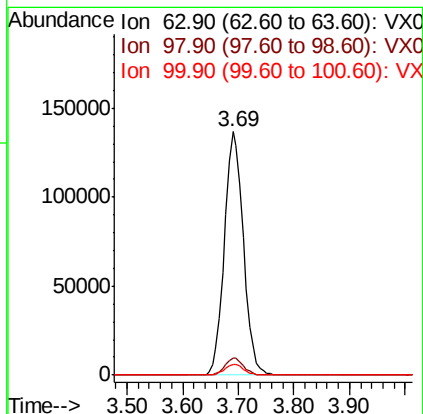
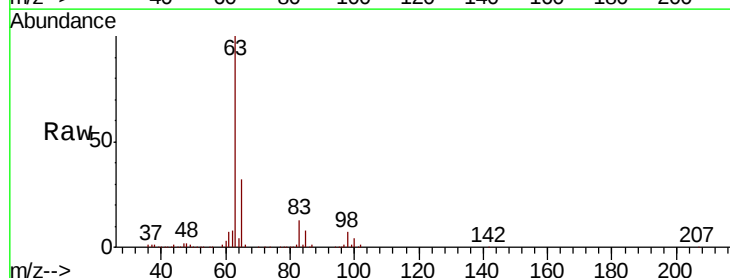
Tgt Ion: 63 Resp: 322662

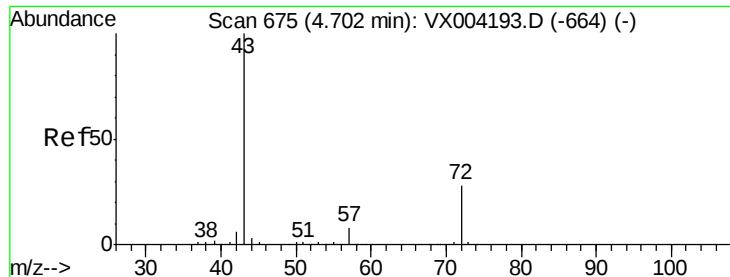
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 276.27 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

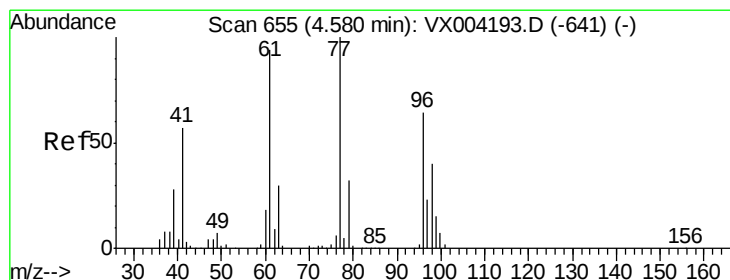
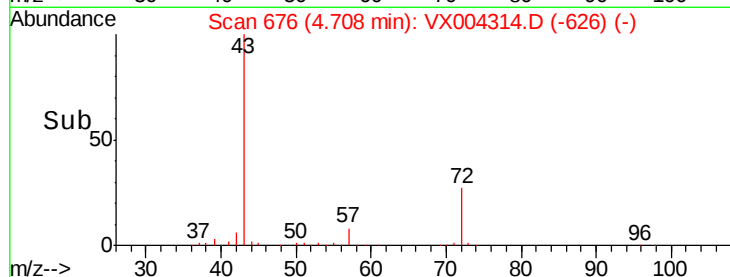
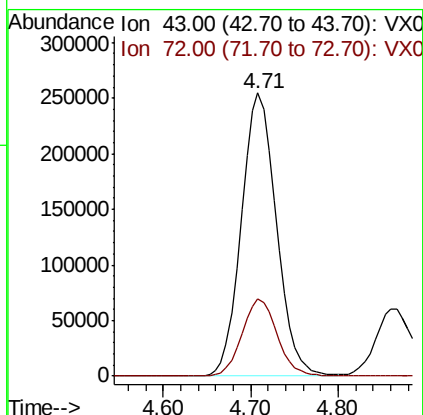
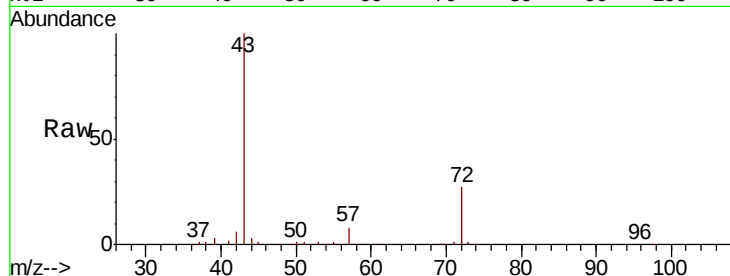
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 43 Resp: 708951

Ion Ratio Lower Upper

43 100

72 27.1 22.0 33.0



#26

2,2-Dichloropropane

Concen: 26.97 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004314.D

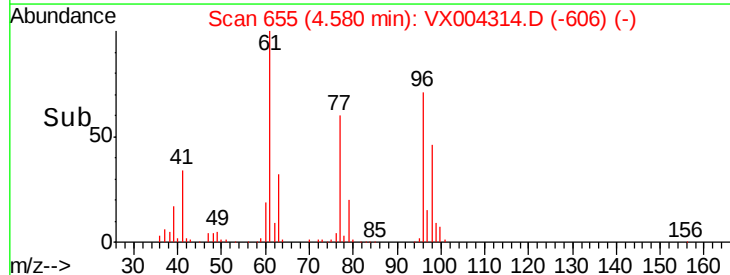
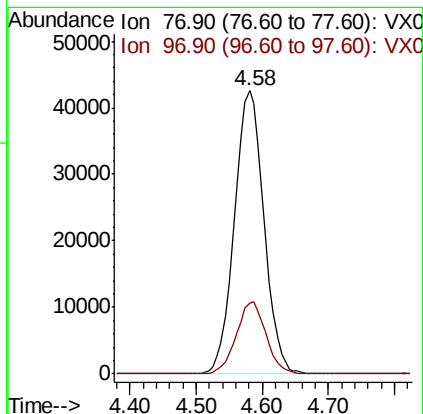
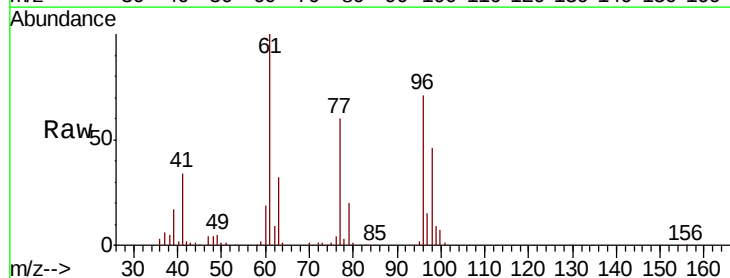
Acq: 30 Aug 2018 01:38

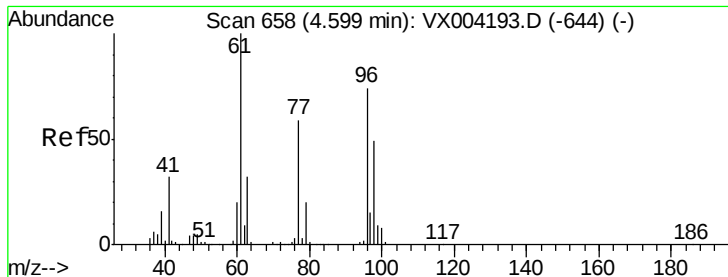
Tgt Ion: 77 Resp: 131773

Ion Ratio Lower Upper

77 100

97 25.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.35 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

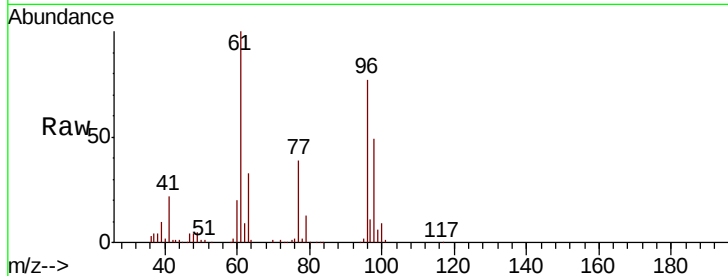
Tot Ion: 96 Resp: 193075

Ion Ratio Lower Upper

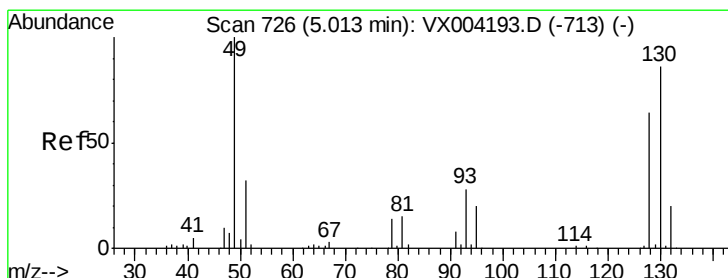
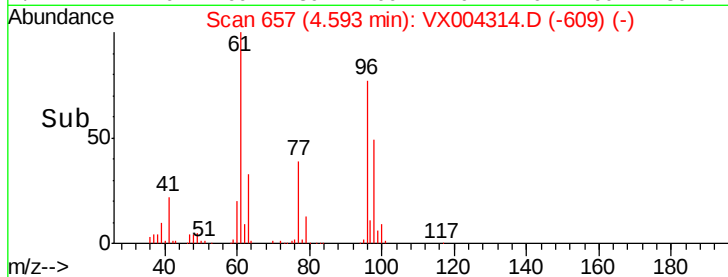
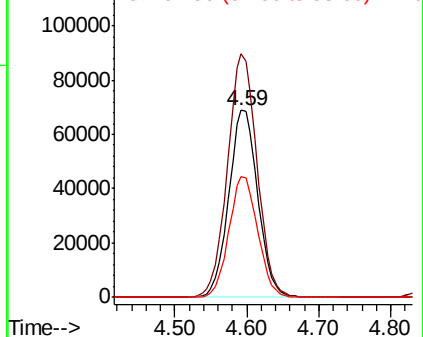
96 100

61 132.8 0.0 282.6

98 64.2 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: 52.02 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

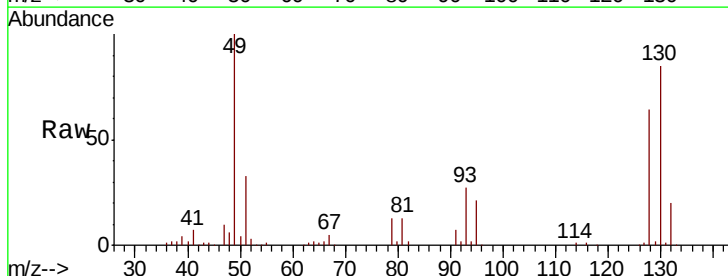
Tgt Ion: 49 Resp: 143469

Ion Ratio Lower Upper

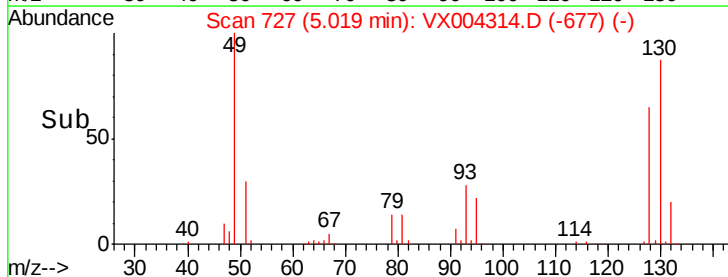
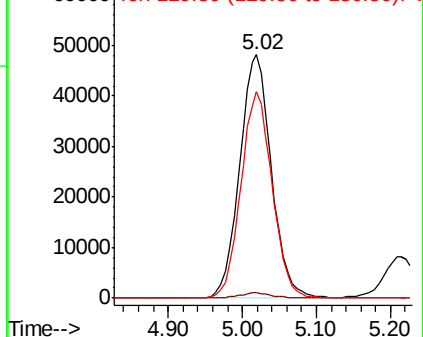
49 100

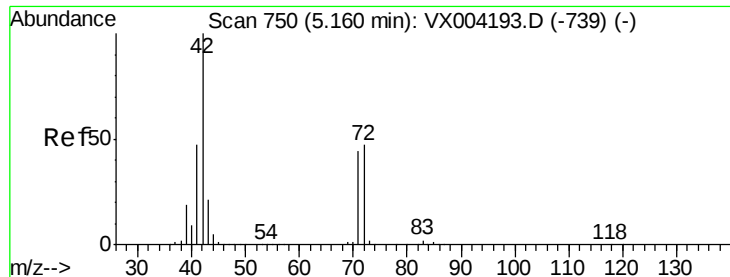
129 2.1 0.0 4.2

130 83.5 67.5 101.3



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: 272.67 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

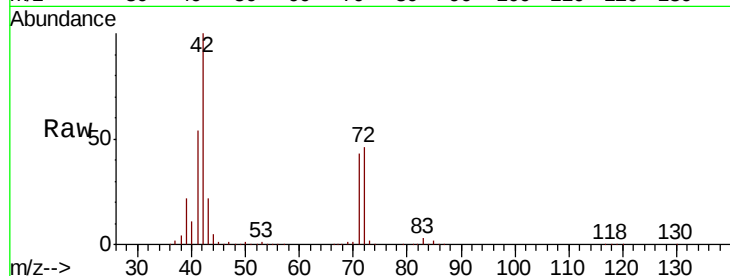
Tot Ion: 42 Resp: 449148

Ion Ratio Lower Upper

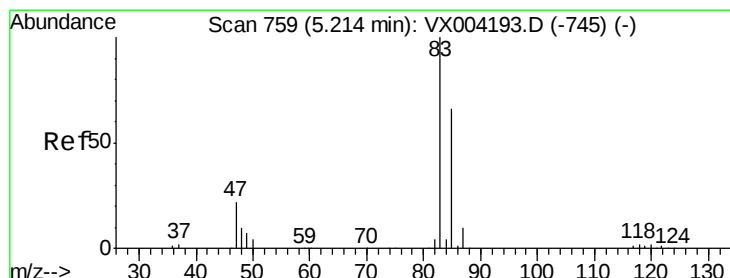
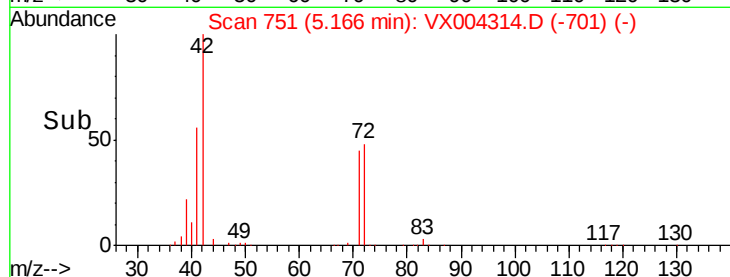
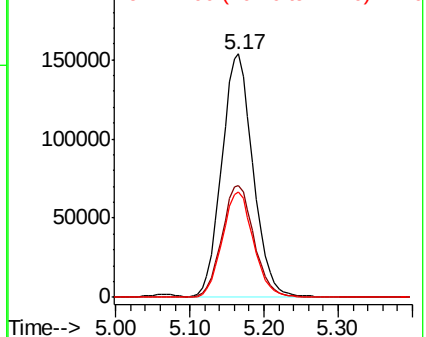
42 100

72 47.2 37.4 56.0

71 43.5 34.5 51.7



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: 51.18 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004314.D

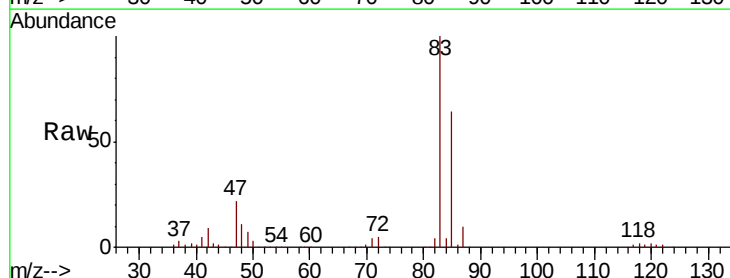
Acq: 30 Aug 2018 01:38

Tgt Ion: 83 Resp: 319674

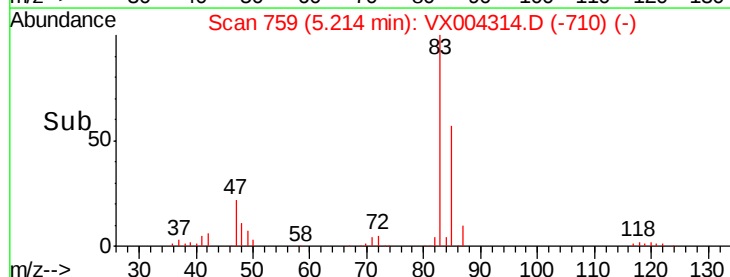
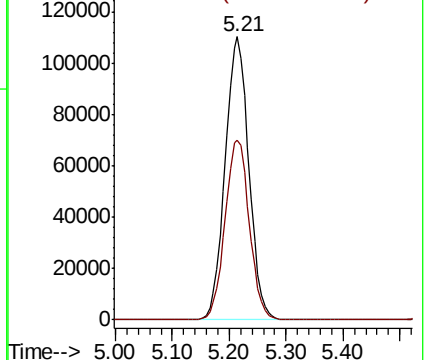
Ion Ratio Lower Upper

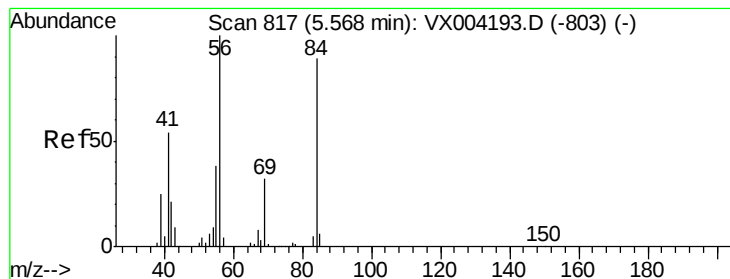
83 100

85 63.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.56 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

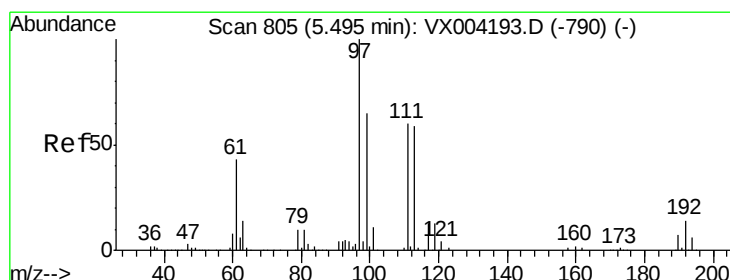
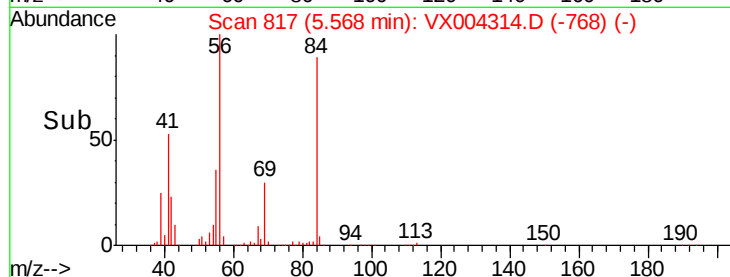
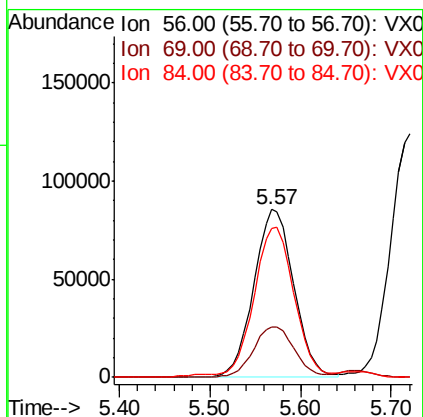
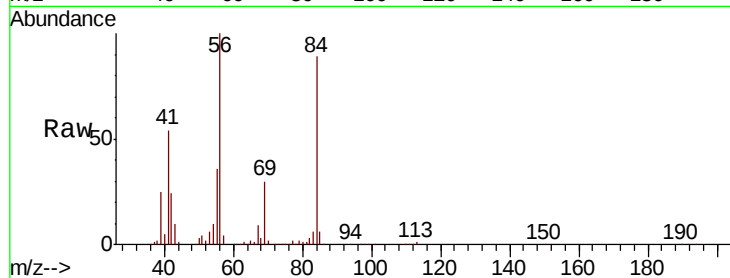
Tot Ion: 56 Resp: 261007

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.2

84 87.9 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 51.39 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

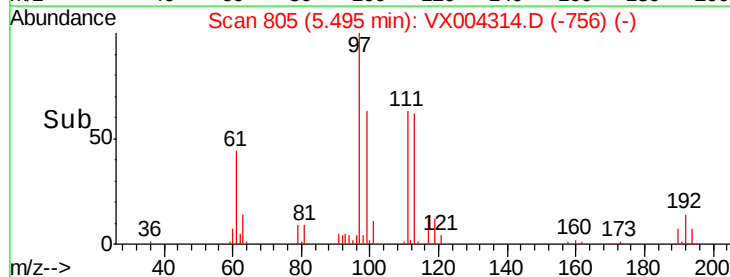
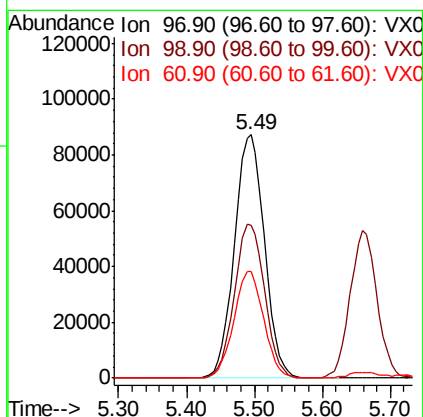
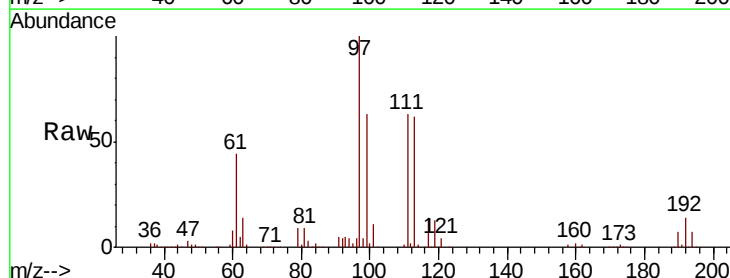
Tgt Ion: 97 Resp: 267670

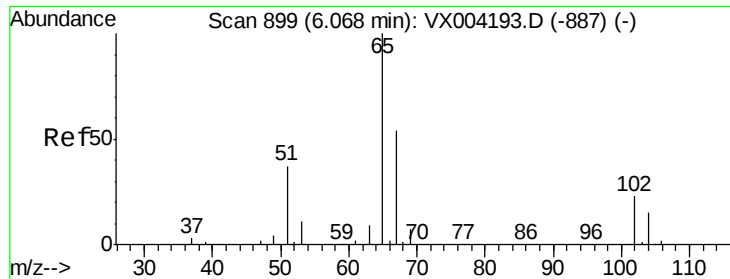
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 43.8 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 48.64 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

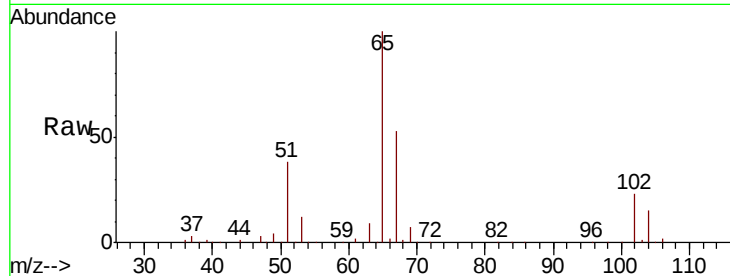
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 65 Resp: 186499

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

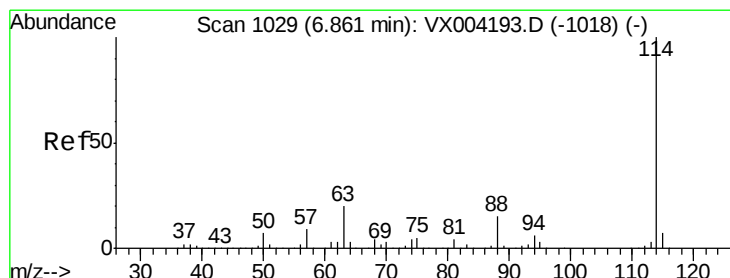
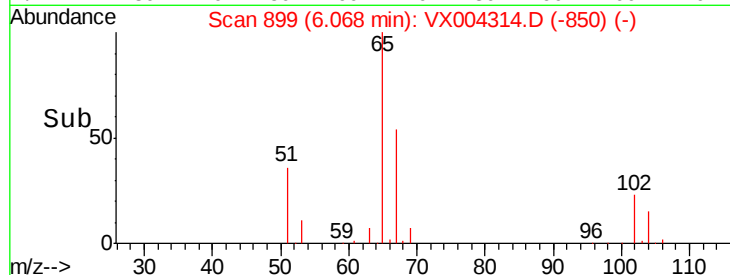
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

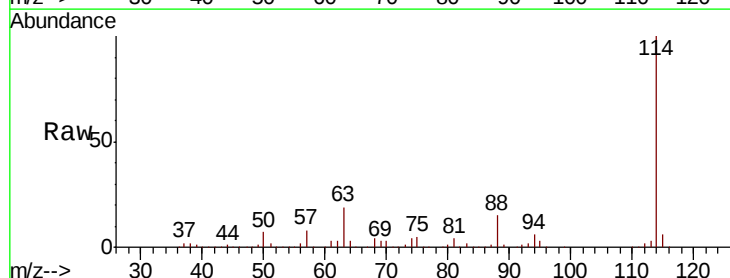
Tgt Ion: 114 Resp: 430696

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

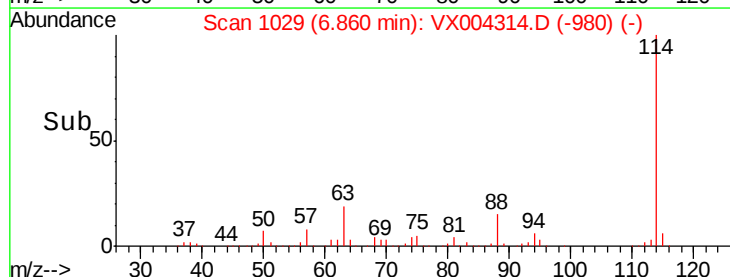
100000

50000

0

6.80 6.85 6.90 6.95

Time-->

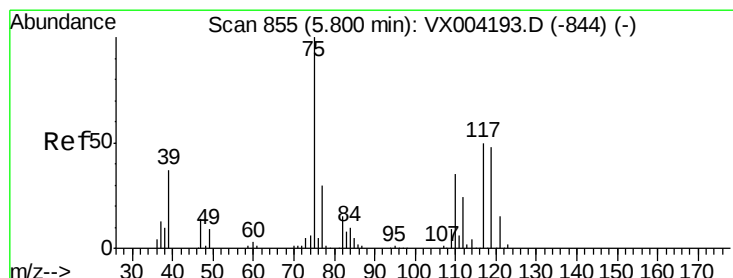
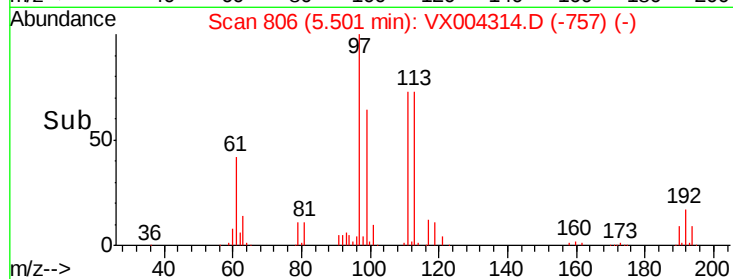
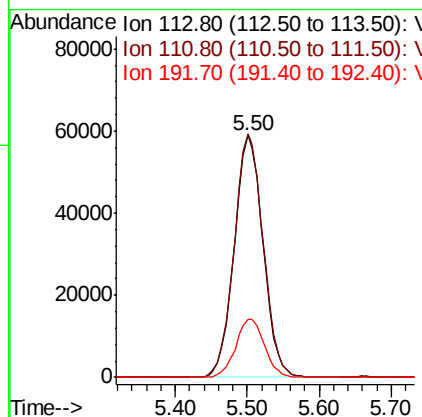
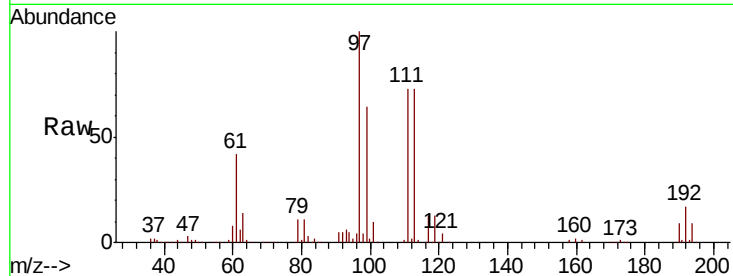




#35  
 Dibromofluoromethane  
 Concen: 50.97 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

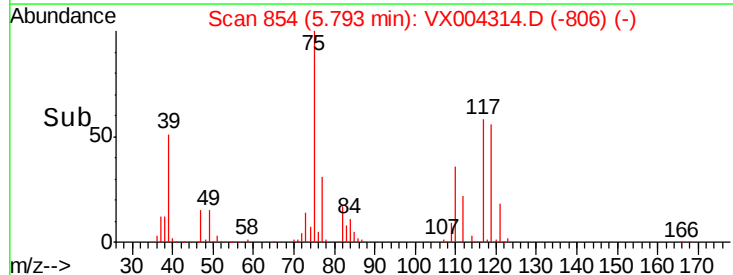
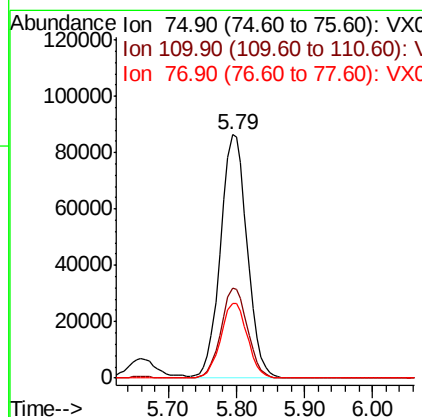
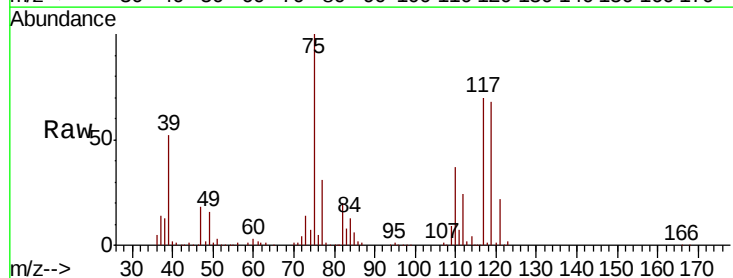
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.6 | 82.4  | 123.6 |
| 192     | 24.0  | 19.4  | 29.2  |



#36  
 1,1-Dichloropropene  
 Concen: 48.61 ug/l  
 RT: 5.79 min Scan# 854  
 Delta R.T. -0.01 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.7  | 18.0  | 54.0  |
| 77      | 31.1  | 24.6  | 36.8  |

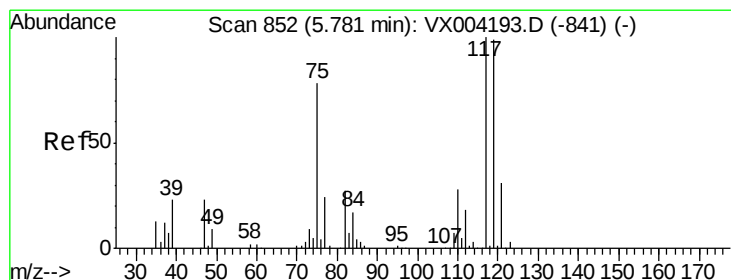
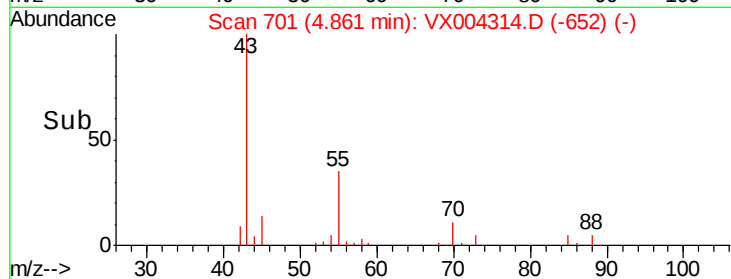
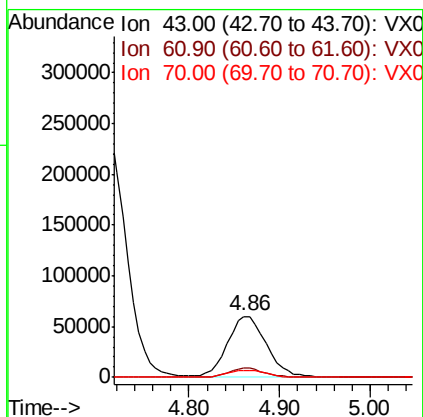
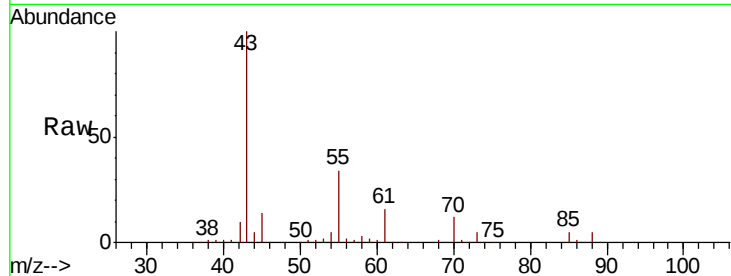




#37  
Ethyl Acetate  
Concen: 37.38 ug/l  
RT: 4.86 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

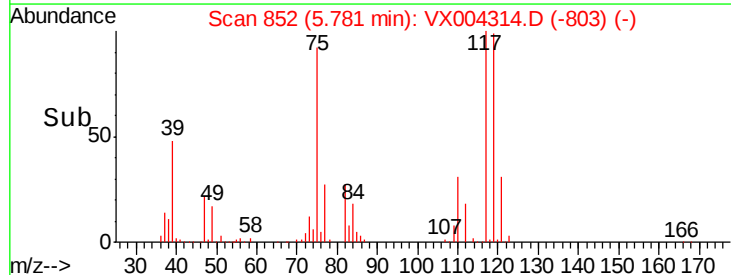
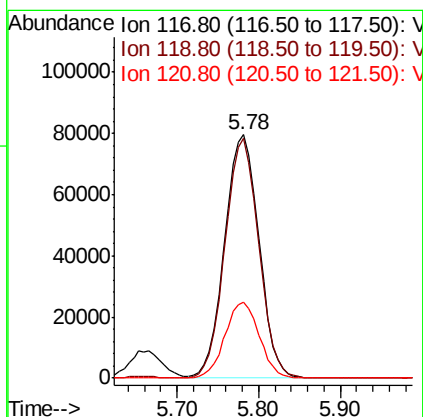
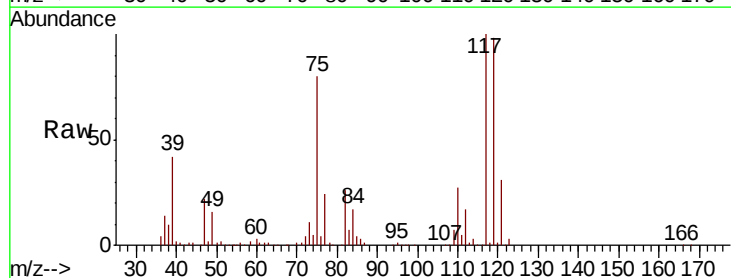
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

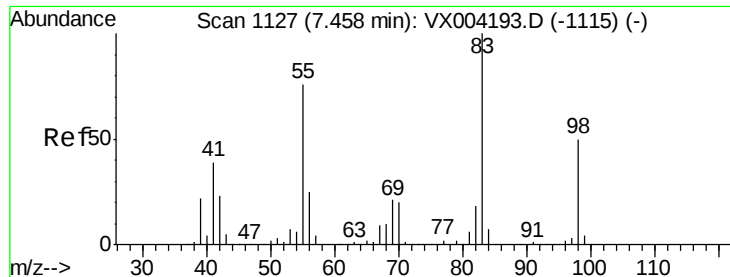
Tot Ion: 43 Resp: 178001  
Ion Ratio Lower Upper  
43 100  
61 14.8 11.5 17.3  
70 11.6 9.0 13.6



#38  
Carbon Tetrachloride  
Concen: 50.78 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion: 117 Resp: 231302  
Ion Ratio Lower Upper  
117 100  
119 98.6 78.8 118.2  
121 31.0 24.9 37.3

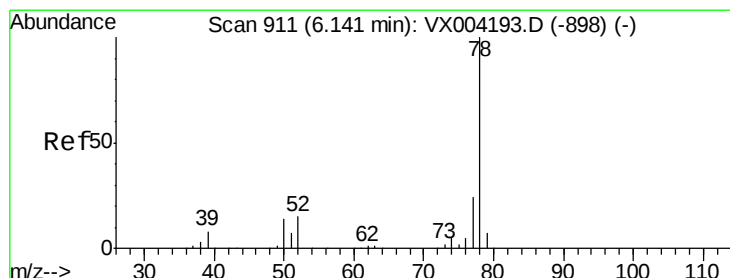
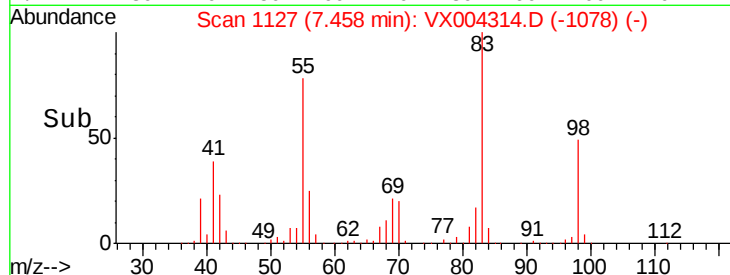
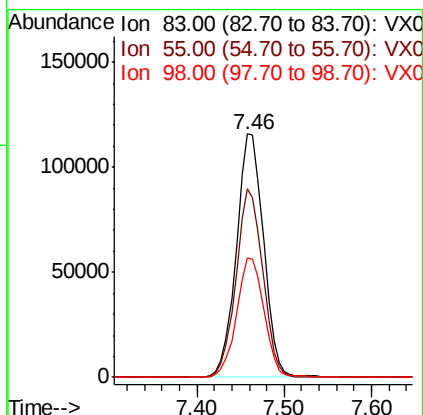
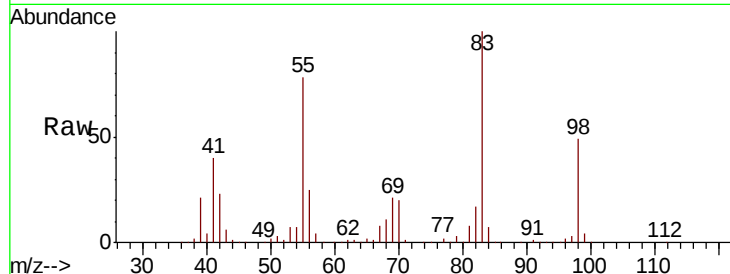




#39  
Methvlcvclohexane  
Concen: 45.56 ug/l  
RT: 7.46 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

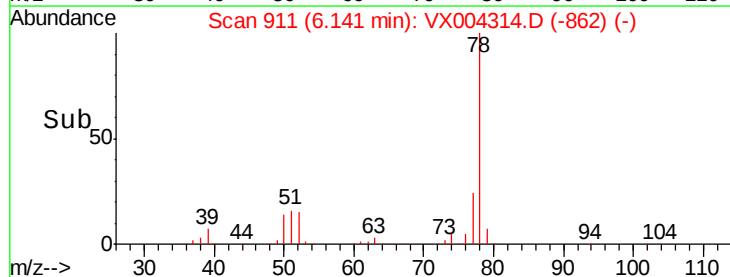
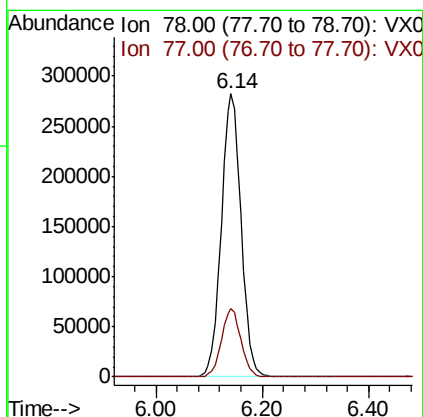
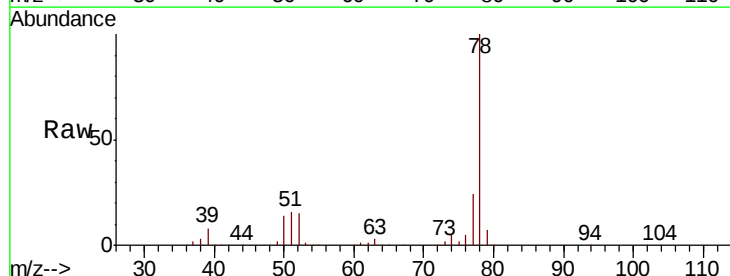
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 83 Resp: 251851  
Ion Ratio Lower Upper  
83 100  
55 77.5 61.0 91.4  
98 48.9 39.6 59.4



#40  
Benzene  
Concen: 50.67 ug/l  
RT: 6.14 min Scan# 911  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion: 78 Resp: 733123  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.0 28.4

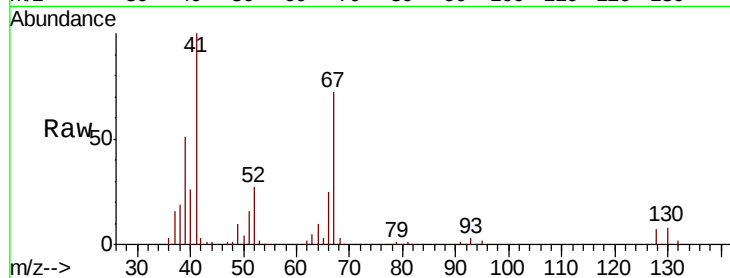




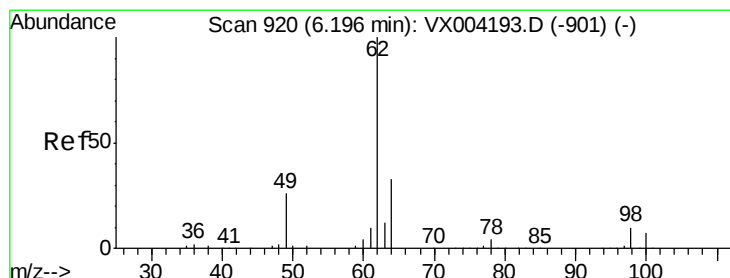
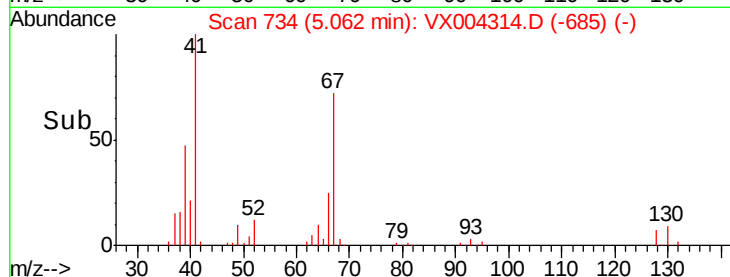
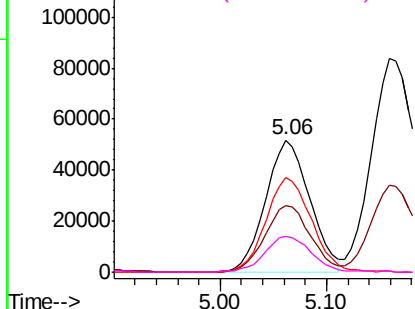
#41  
Methacrylonitrile  
Concen: 54.14 ug/l  
RT: 5.06 min Scan# 734  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 149434 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.3  | 42.4  | 63.6   |
| 67       | 73.6  | 59.2  | 88.8   |
| 52       | 28.3  | 23.0  | 34.4   |

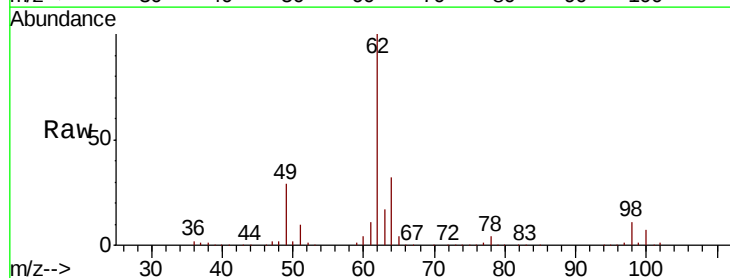


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

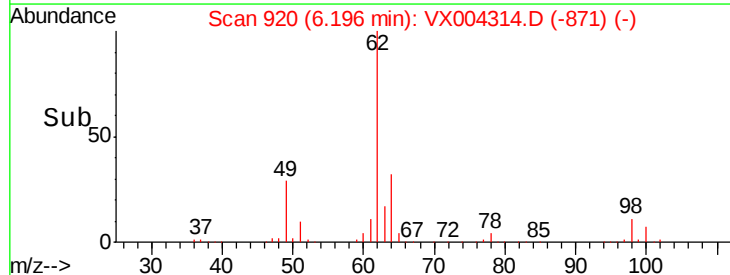
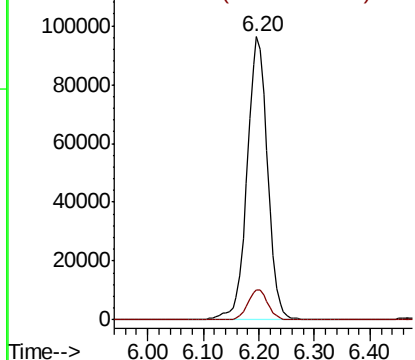


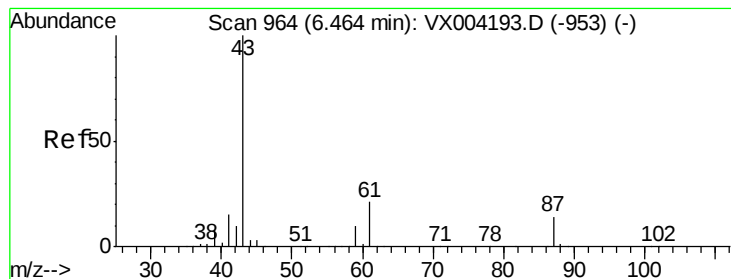
#42  
1,2-Dichloroethane  
Concen: 49.95 ug/l  
RT: 6.20 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 246488 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.5  | 0.0   | 20.6   |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 42.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

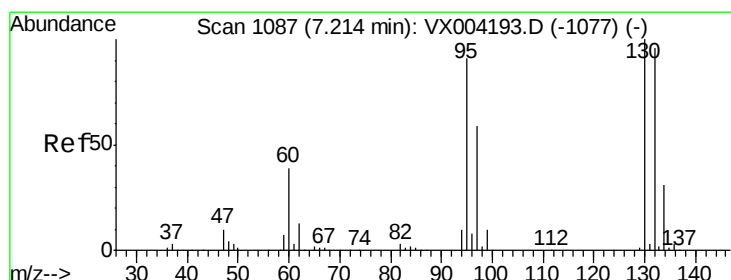
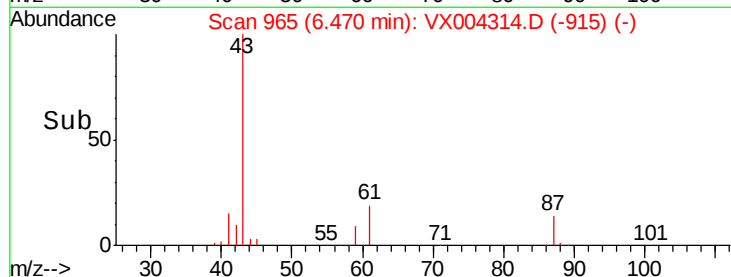
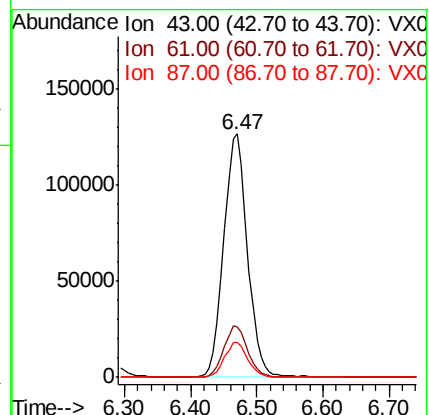
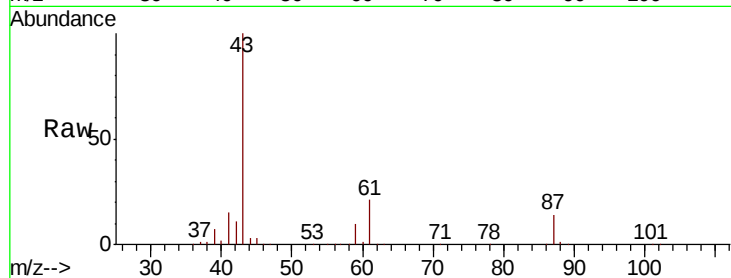
Tot Ion: 43 Resp: 312808

Ion Ratio Lower Upper

43 100

61 21.3 17.0 25.4

87 14.2 11.4 17.2



#44

Trichloroethene

Concen: 48.14 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004314.D

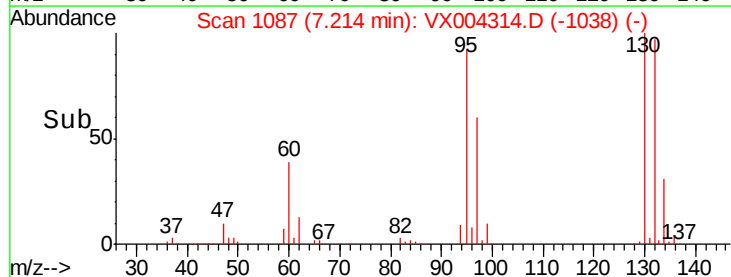
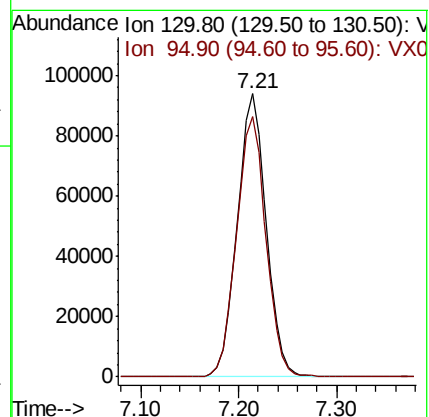
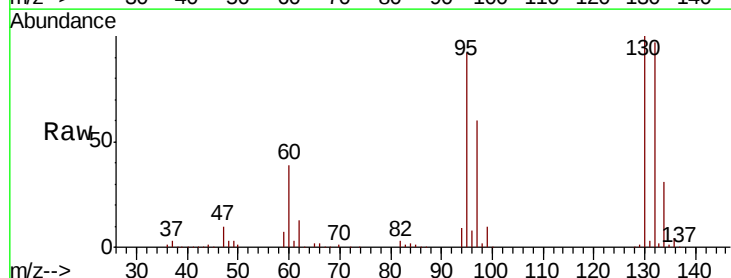
Acq: 30 Aug 2018 01:38

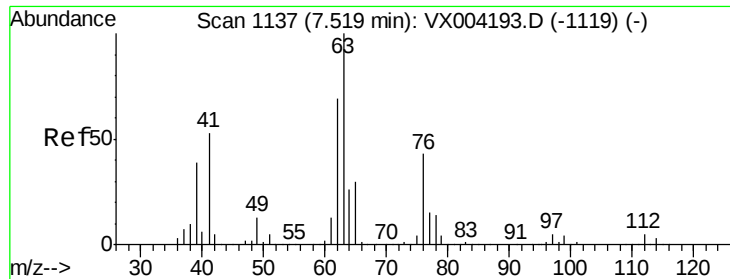
Tgt Ion:130 Resp: 192787

Ion Ratio Lower Upper

130 100

95 91.8 0.0 181.6

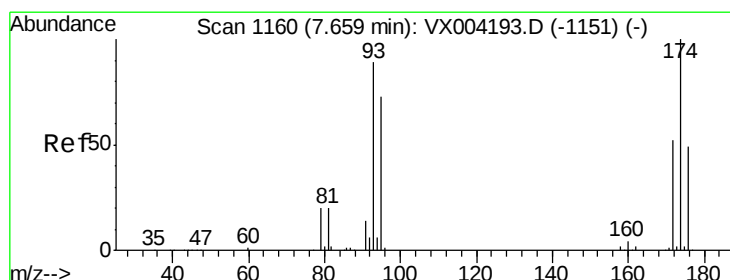
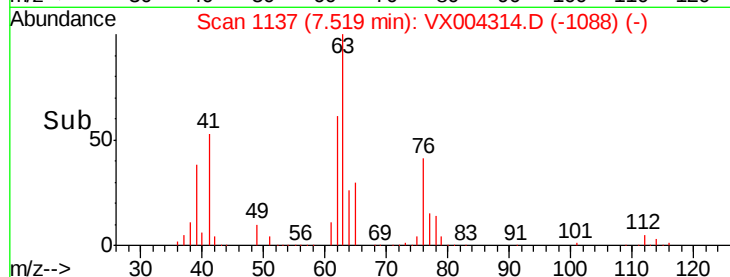
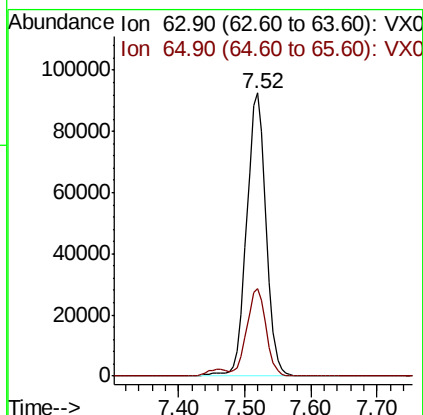
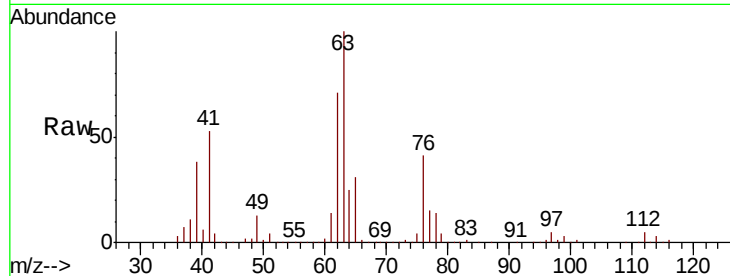




#45  
 1,2-Dichloropropane  
 Concen: 52.40 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

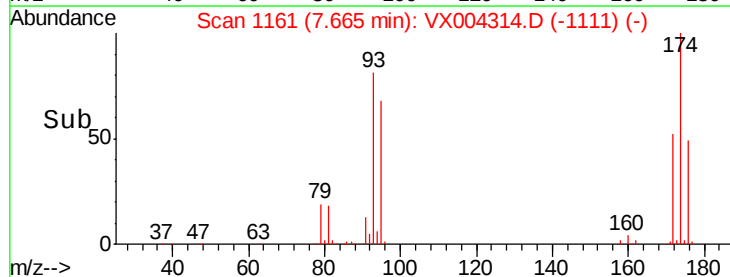
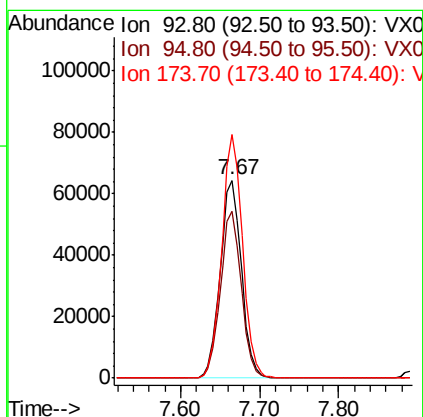
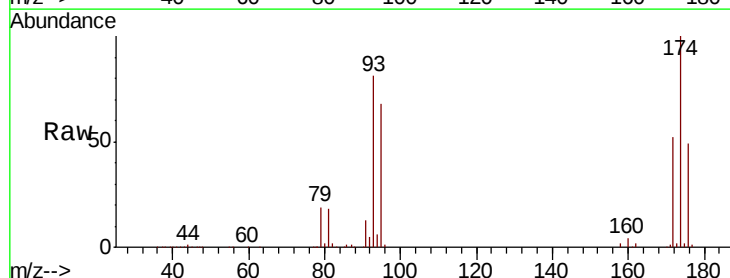
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 63 Resp: 189739  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 24.3 36.5



#46  
 Dibromomethane  
 Concen: 49.97 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. 0.01 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

Tgt Ion: 93 Resp: 120489  
 Ion Ratio Lower Upper  
 93 100  
 95 83.4 65.5 98.3  
 174 120.8 94.2 141.4





#47

Bromodichloromethane

Concen: 52.58 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

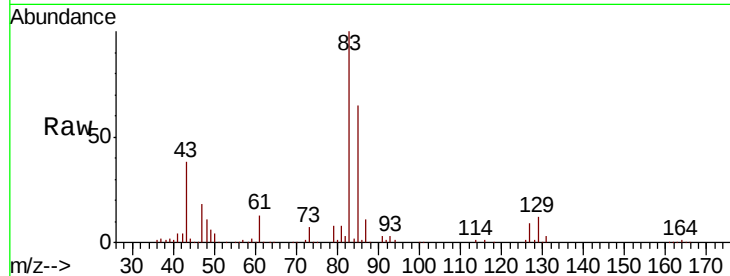
Tot Ion: 83 Resp: 235890

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3

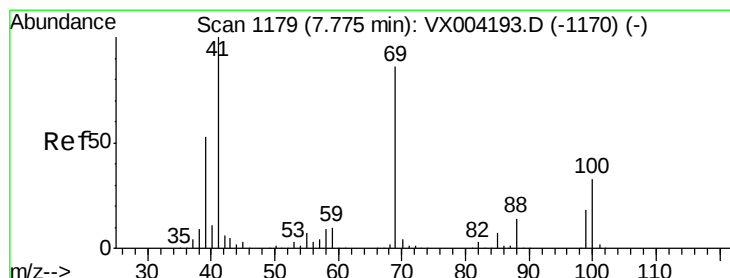
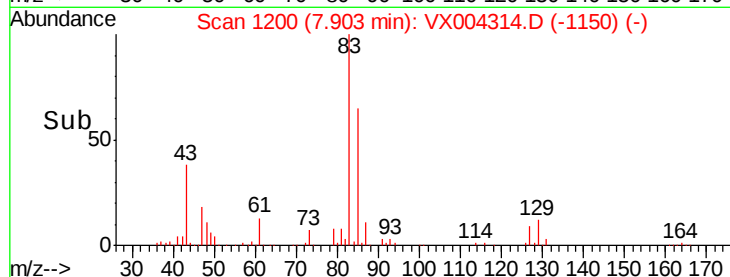
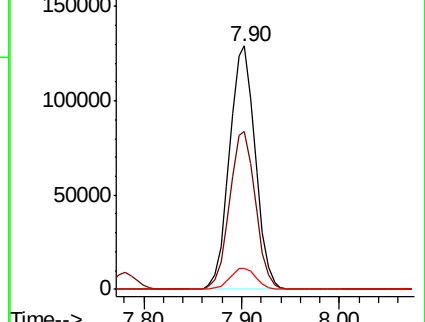
127 8.7 7.3 10.9



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: 54.45 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

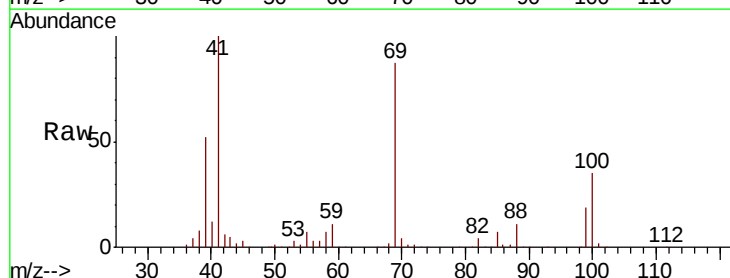
Tgt Ion: 41 Resp: 213192

Ion Ratio Lower Upper

41 100

69 87.5 70.2 105.4

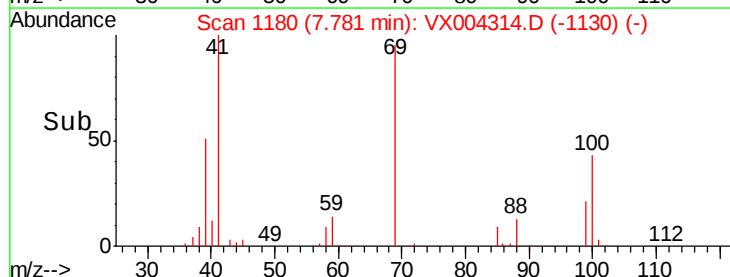
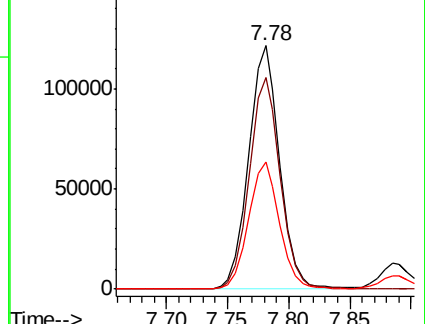
39 52.1 42.7 64.1

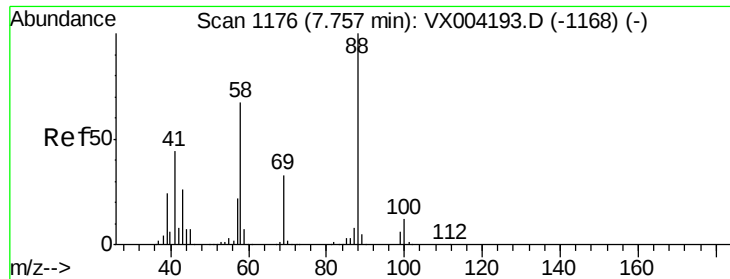


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

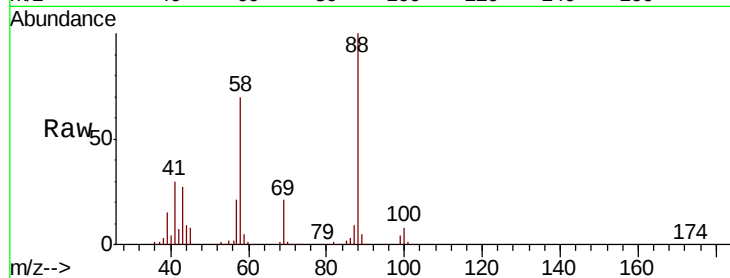




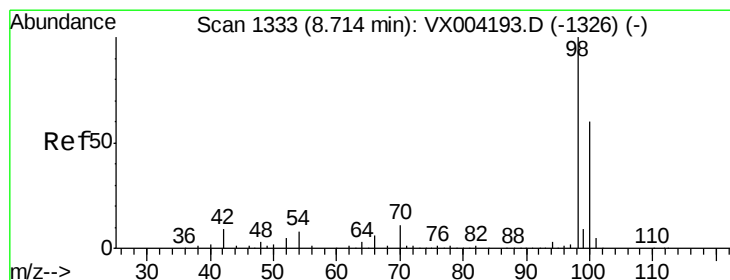
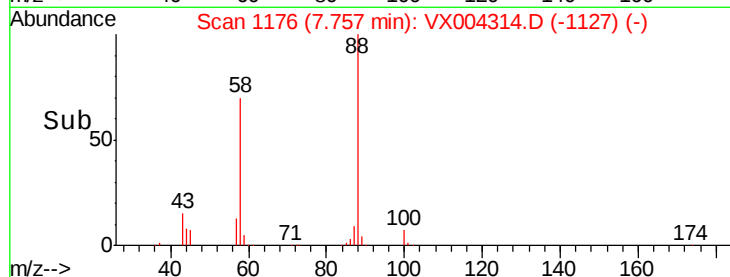
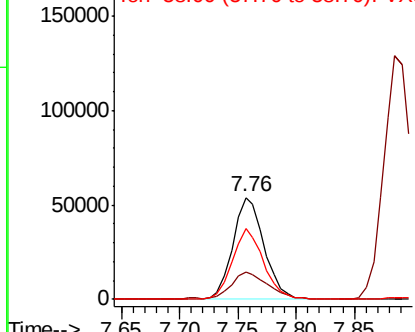
#49  
1,4-Dioxane  
Concen: 1127.08 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 88 Resp: 100193  
Ion Ratio Lower Upper  
88 100  
43 31.1 24.7 37.1  
58 69.8 55.3 82.9

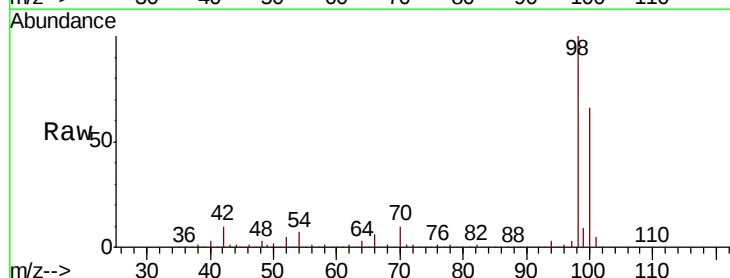


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

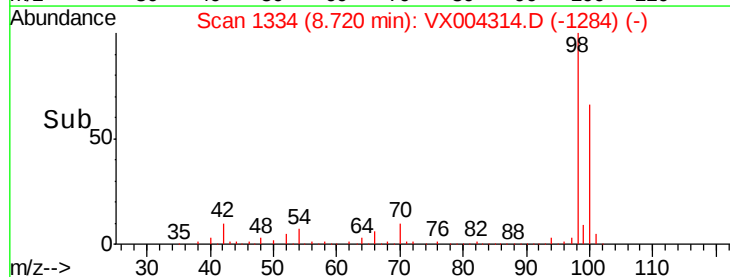
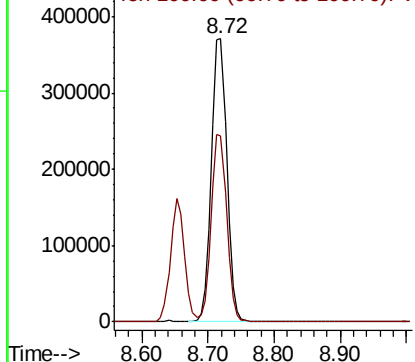


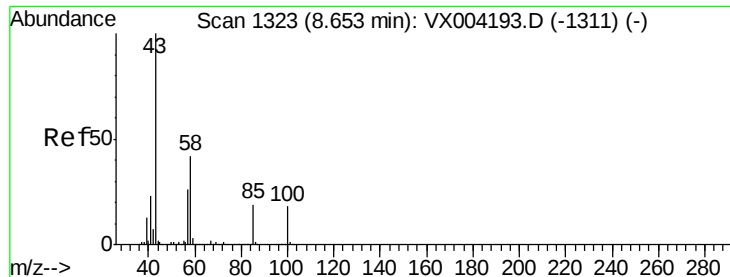
#50  
Toluene-d8  
Concen: 49.73 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.01 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion: 98 Resp: 601481  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.9 79.3



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

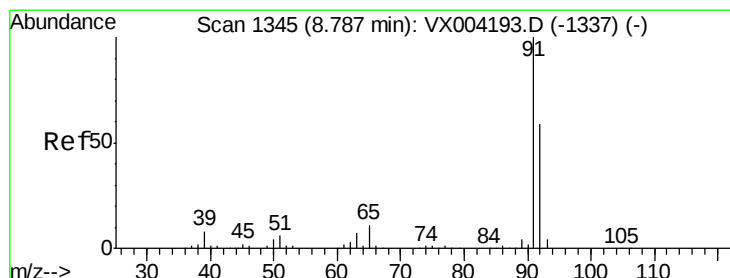
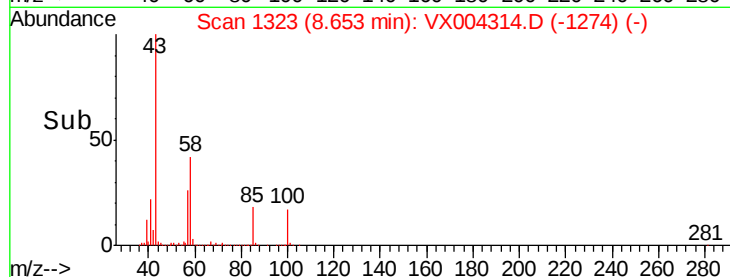
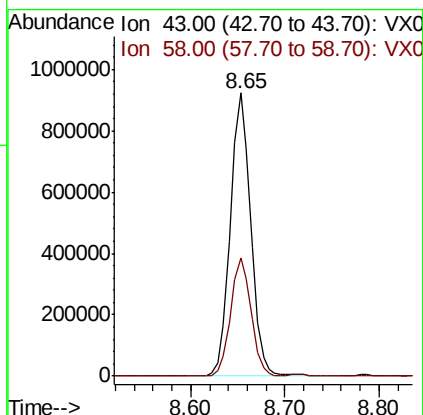
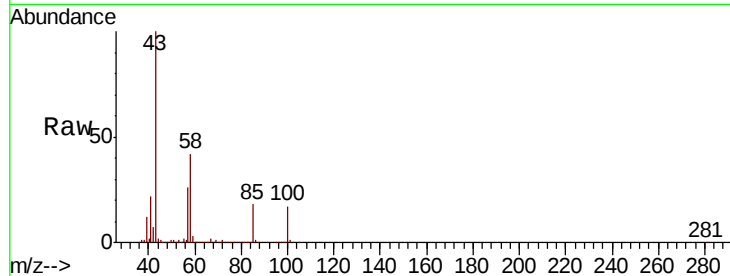




#51  
 4-Methyl-2-Pentanone  
 Concen: 261.82 ug/l  
 RT: 8.65 min Scan# 1323  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

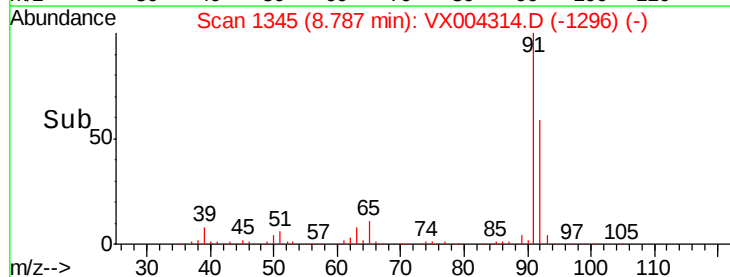
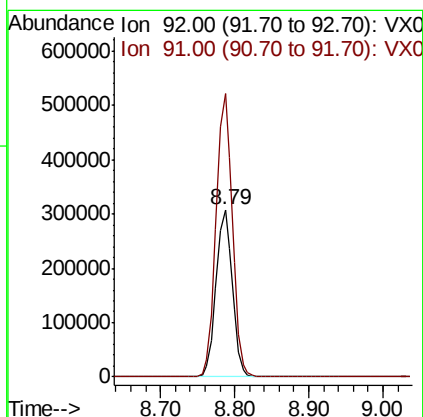
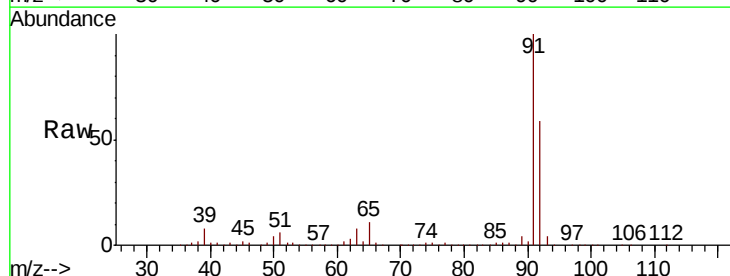
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 43 Resp: 1391983  
 Ion Ratio Lower Upper  
 43 100  
 58 41.5 33.1 49.7



#52  
 Toluene  
 Concen: 51.01 ug/l  
 RT: 8.79 min Scan# 1345  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

Tgt Ion: 92 Resp: 461936  
 Ion Ratio Lower Upper  
 92 100  
 91 170.0 136.4 204.6

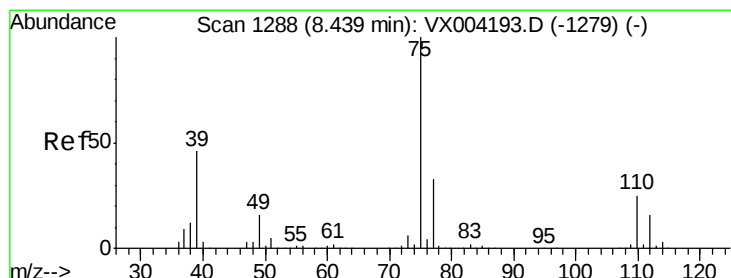
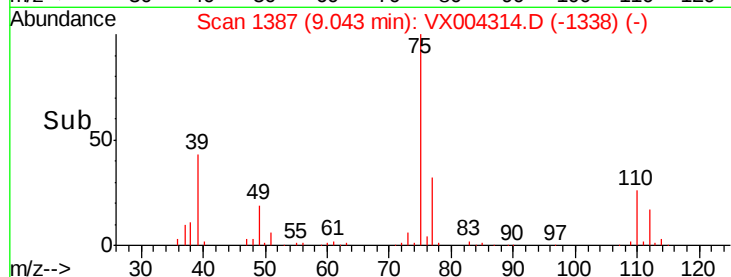
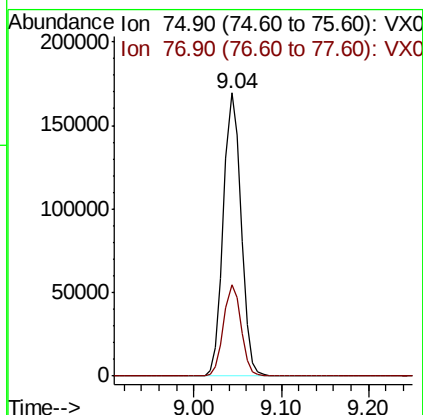
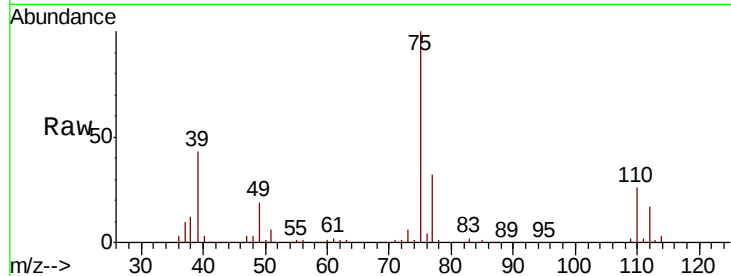




#53  
 t-1,3-Dichloropropene  
 Concen: 48.00 ug/l  
 RT: 9.04 min Scan# 1387  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

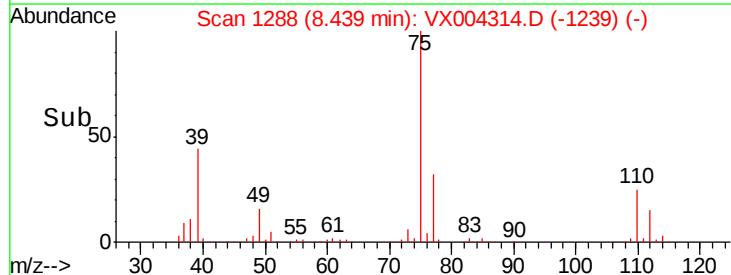
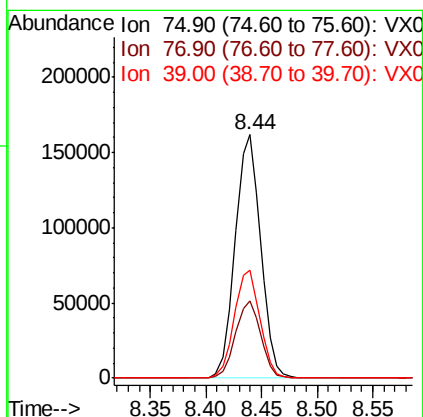
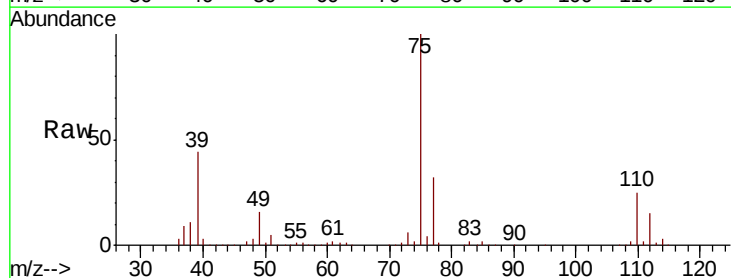
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

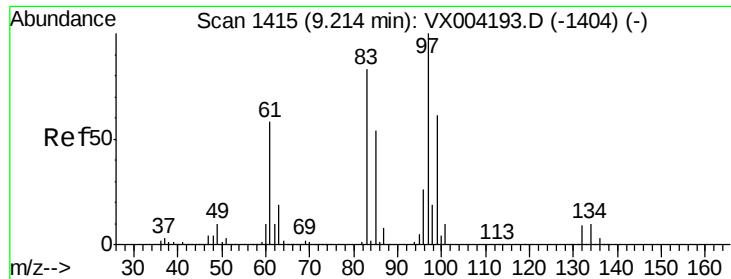
Tot Ion: 75 Resp: 237843  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 24.6 37.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.45 ug/l  
 RT: 8.44 min Scan# 1288  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

Tgt Ion: 75 Resp: 256127  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 26.2 39.2  
 39 44.1 36.4 54.6

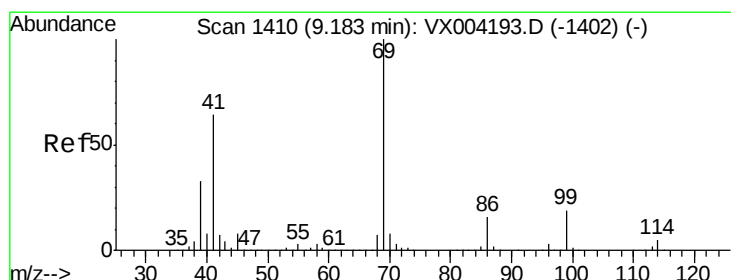
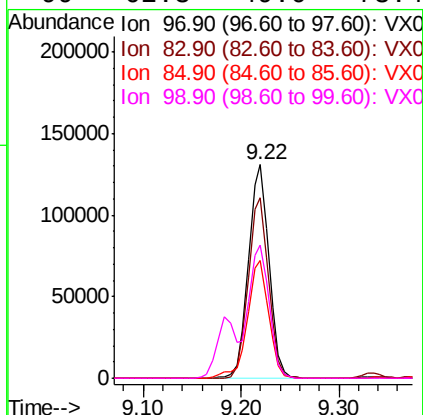
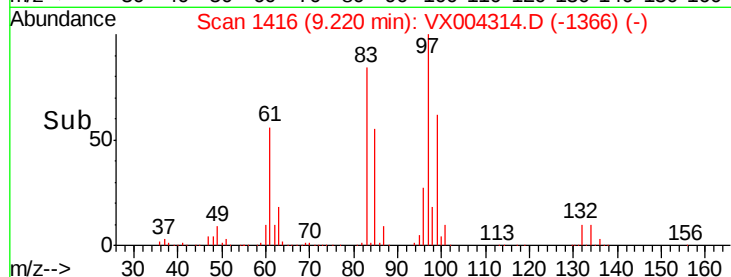
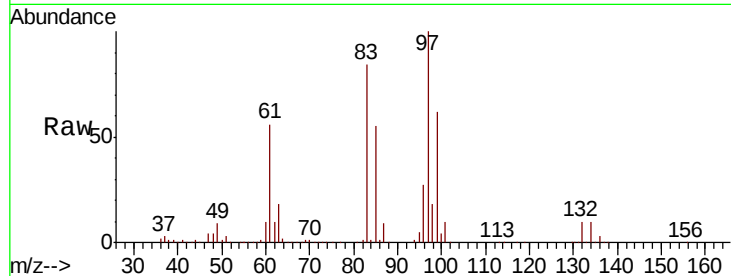




#55  
 1,1,2-Trichloroethane  
 Concen: 51.92 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.01 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

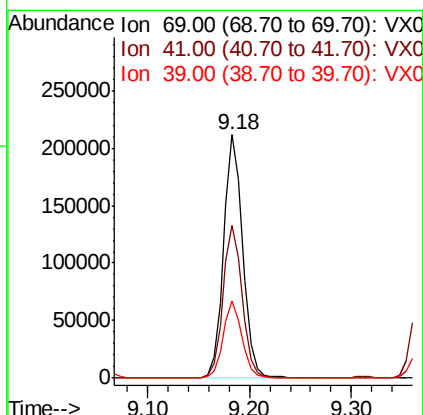
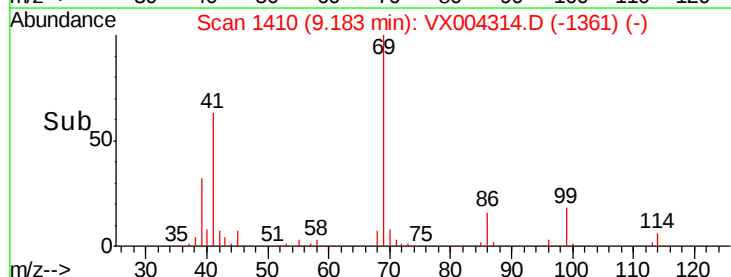
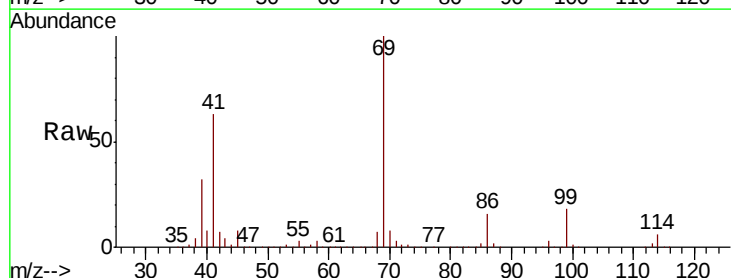
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

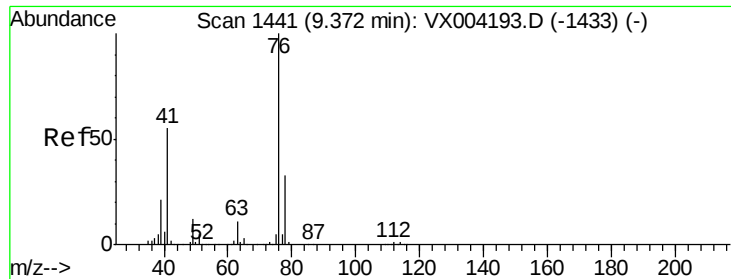
| Tot Ion: | 97    | Resp: | 189802 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.3  | 66.4  | 99.6   |
| 85       | 55.1  | 43.3  | 64.9   |
| 99       | 62.3  | 49.0  | 73.4   |



#56  
 Ethyl methacrylate  
 Concen: 55.36 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

| Tgt Ion: | 69    | Resp: | 275542 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.0  | 51.0  | 76.4   |
| 39       | 31.2  | 26.1  | 39.1   |





#57

1,3-Dichloropropane

Concen: 52.00 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

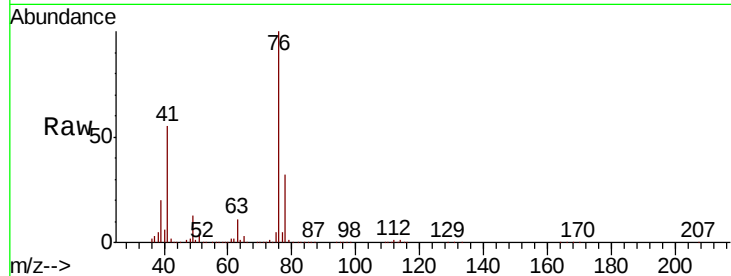
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 76 Resp: 320429

Ion Ratio Lower Upper

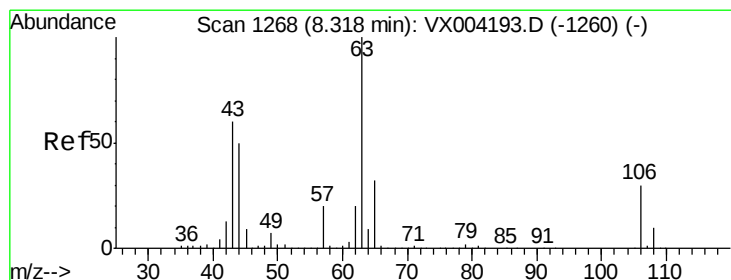
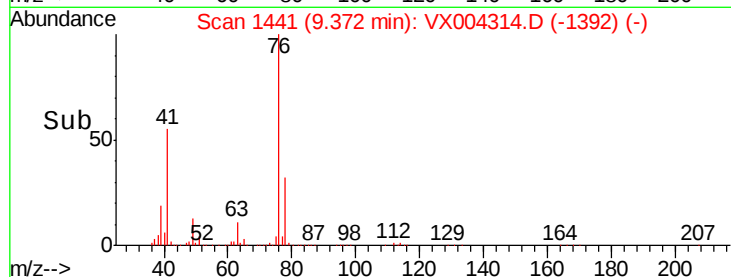
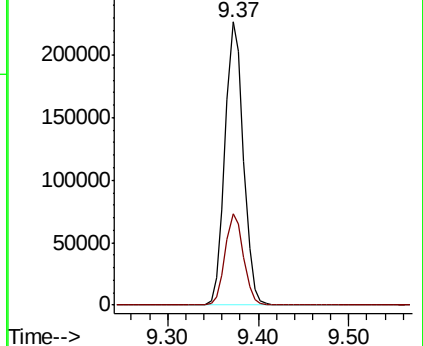
76 100

78 32.3 25.5 38.3



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: 0.35 ug/l

RT: 8.24 min Scan# 1255

Delta R.T. -0.08 min

Lab File: VX004314.D

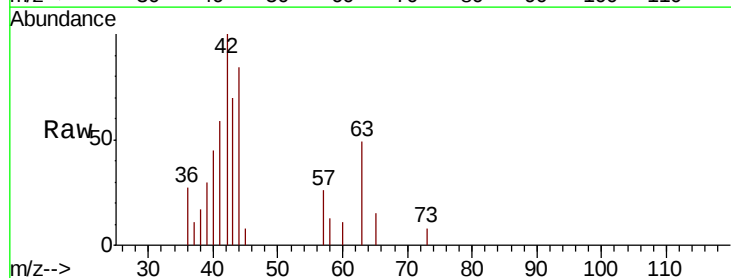
Acq: 30 Aug 2018 01:38

Tgt Ion: 63 Resp: 893

Ion Ratio Lower Upper

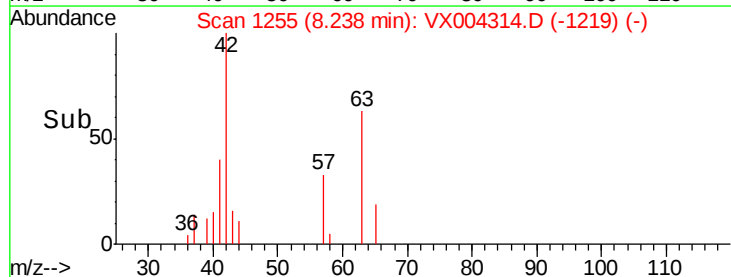
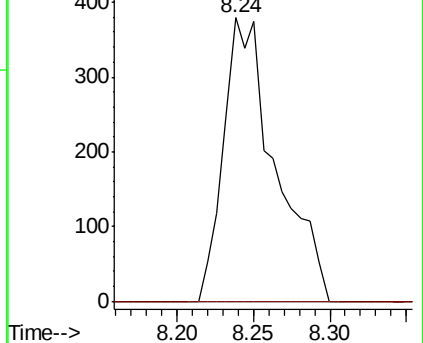
63 100

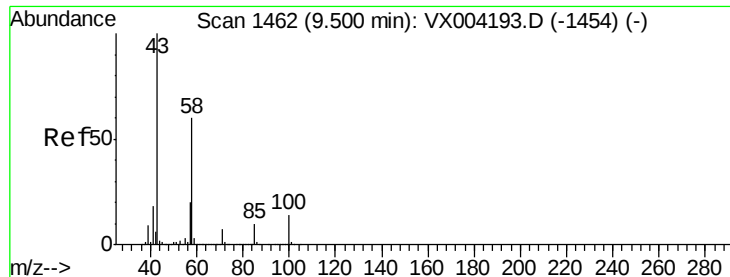
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

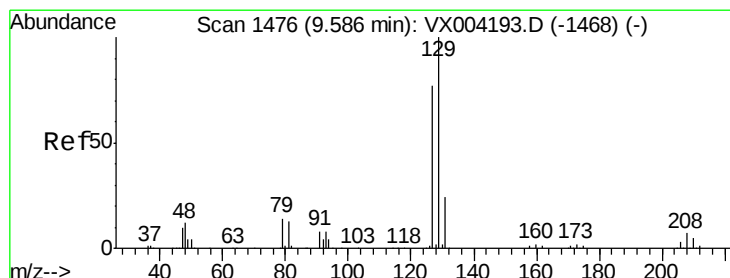
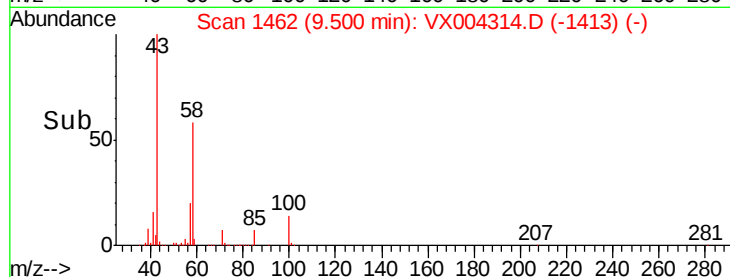
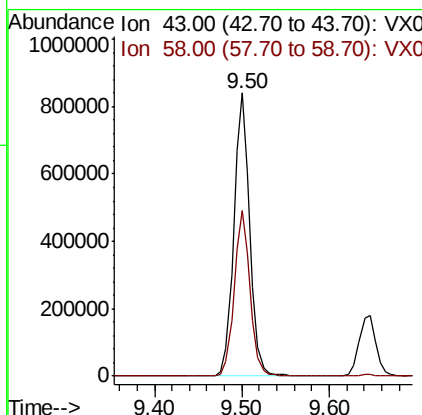
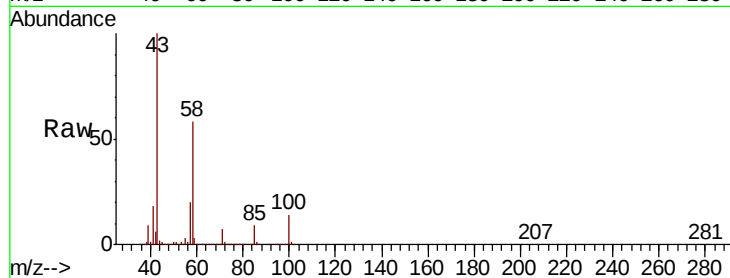




#59  
2-Hexanone  
Concen: 264.34 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

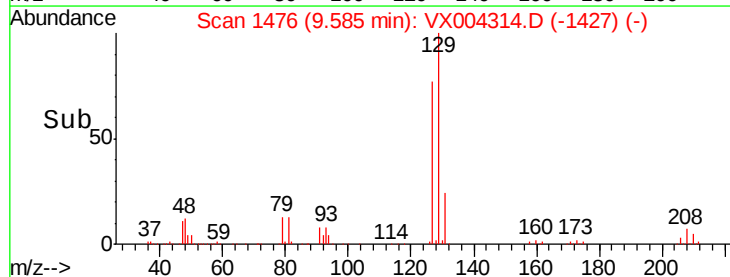
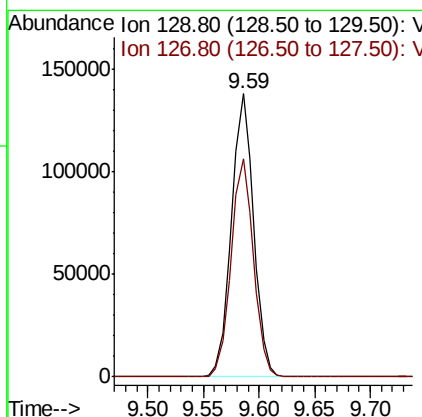
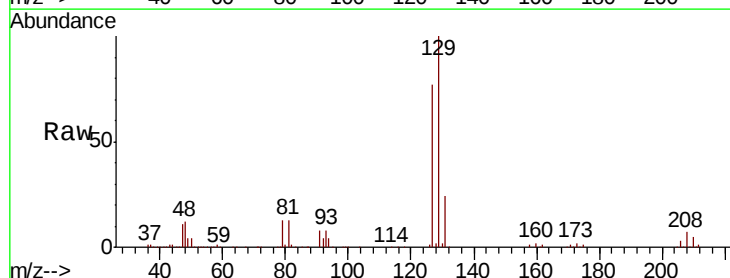
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

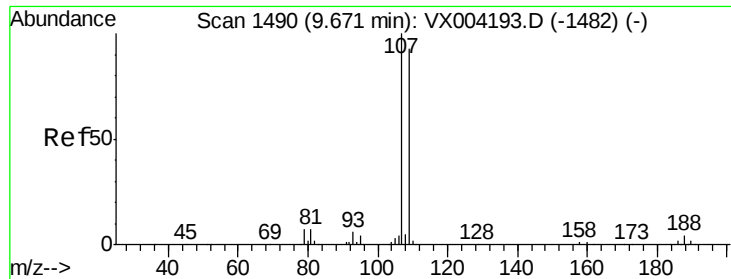
Tot Ion: 43 Resp: 1072162  
Ion Ratio Lower Upper  
43 100  
58 58.3 29.0 87.0



#60  
Dibromochloromethane  
Concen: 53.26 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion: 129 Resp: 189700  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

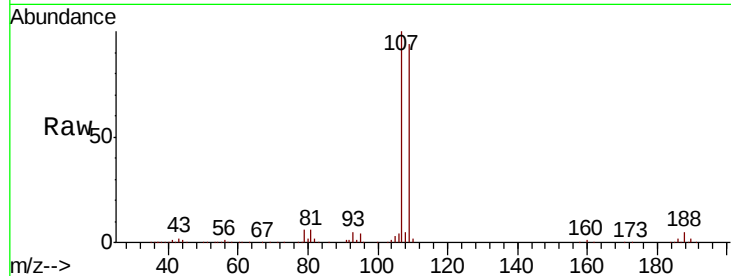
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion:107 Resp: 193907

Ion Ratio Lower Upper

107 100

109 95.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

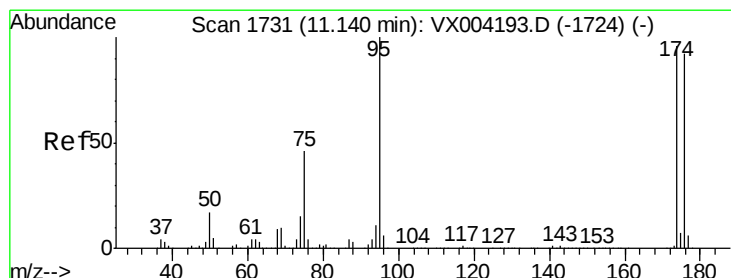
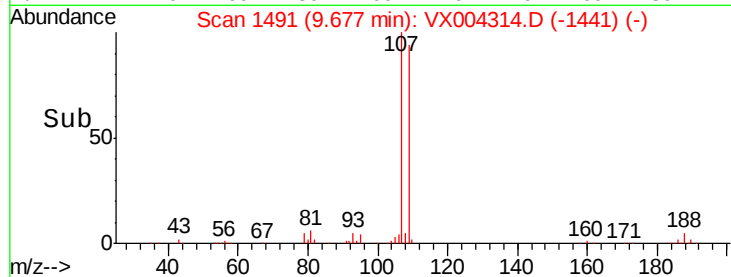
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

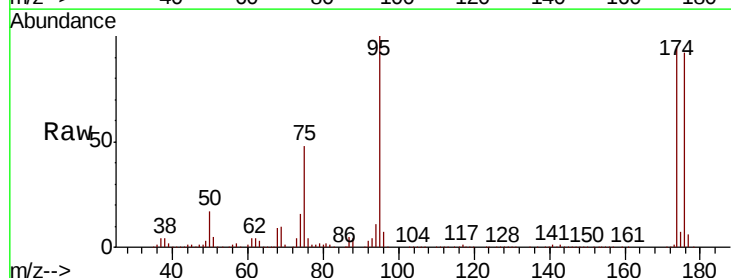
Tgt Ion: 95 Resp: 224312

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.2

176 89.9 0.0 178.6



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

200000

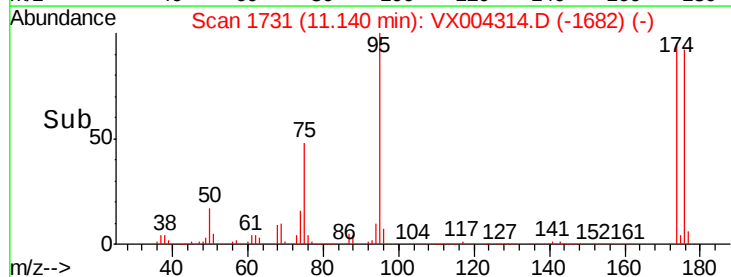
150000

100000

50000

0

Time-->

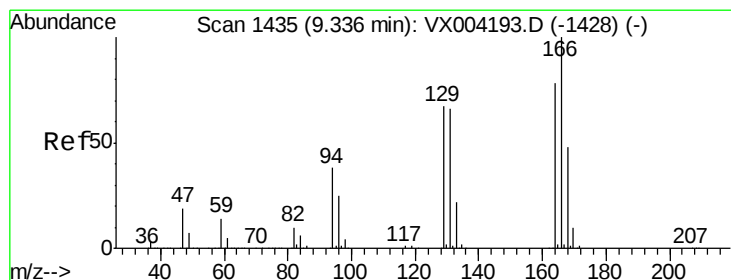
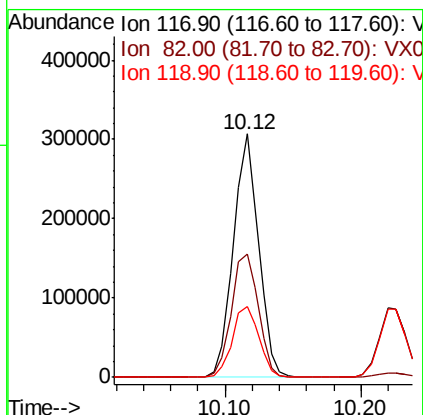
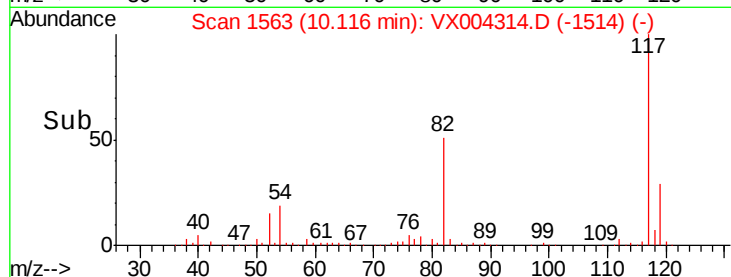
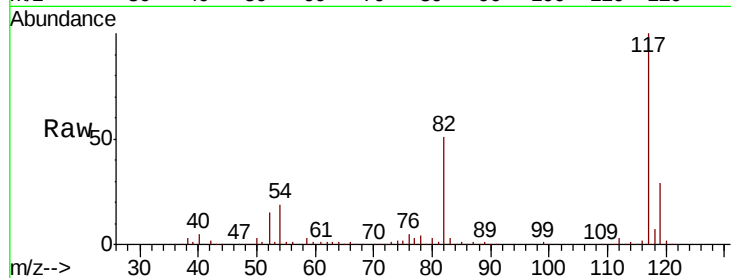




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

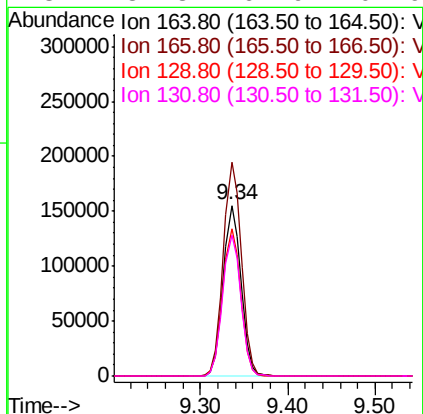
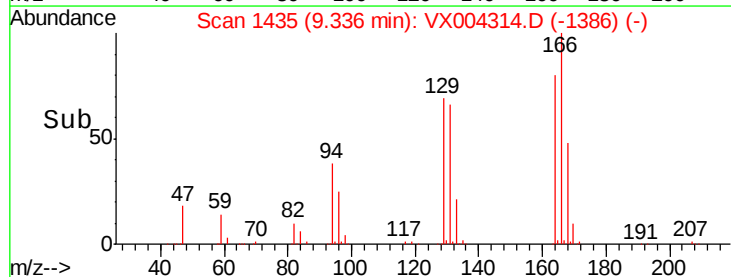
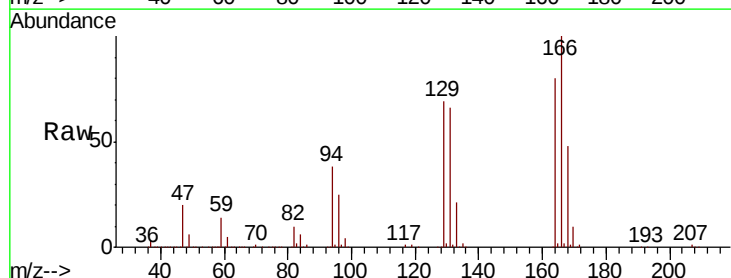
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

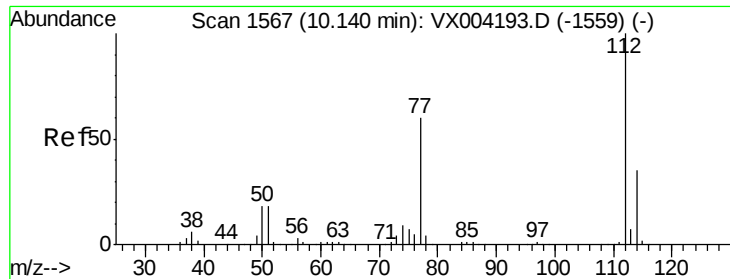
Tot Ion:117 Resp: 396096  
Ion Ratio Lower Upper  
117 100  
82 50.7 47.8 71.6  
119 29.1 29.3 43.9#



#64  
Tetrachloroethene  
Concen: 55.91 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion:164 Resp: 218768  
Ion Ratio Lower Upper  
164 100  
166 125.1 102.8 154.2  
129 86.2 69.4 104.0  
131 82.3 67.9 101.9

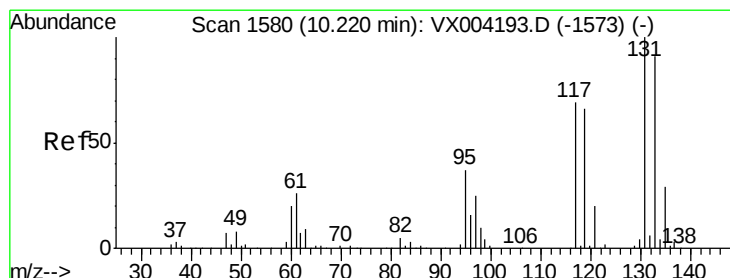
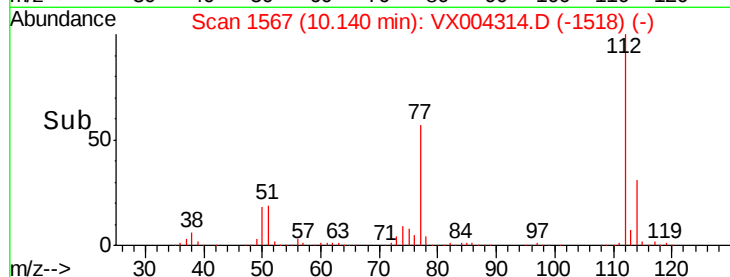
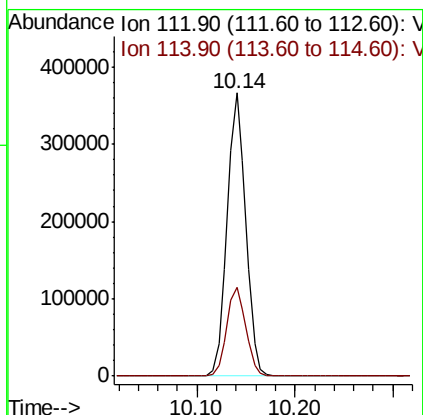
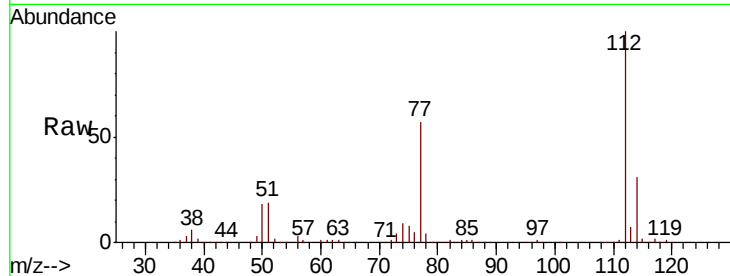




#65  
Chlorobenzene  
Concen: 48.78 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

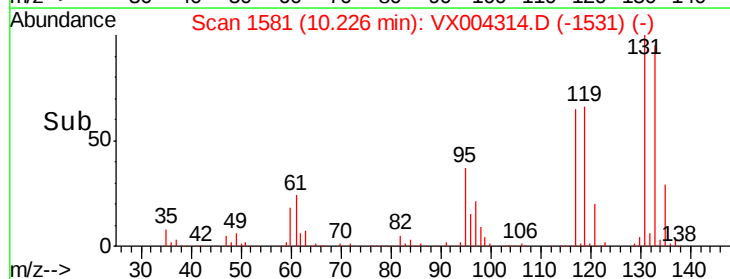
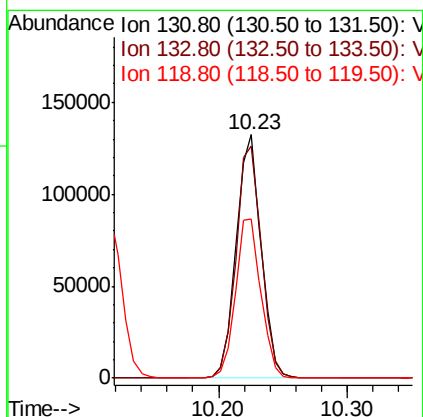
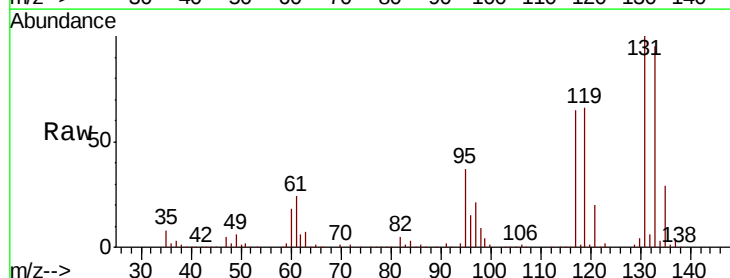
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082 18MS

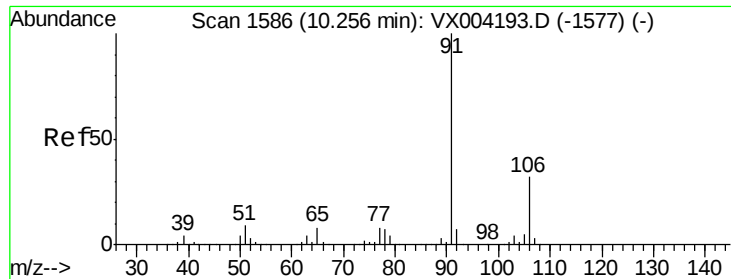
Tot Ion:112 Resp: 484883  
Ion Ratio Lower Upper  
112 100  
114 31.3 27.8 41.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.80 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. 0.01 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion:131 Resp: 177603  
Ion Ratio Lower Upper  
131 100  
133 97.3 48.1 144.4  
119 67.0 32.9 98.6





#67

Ethyl Benzene

Concen: 50.36 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

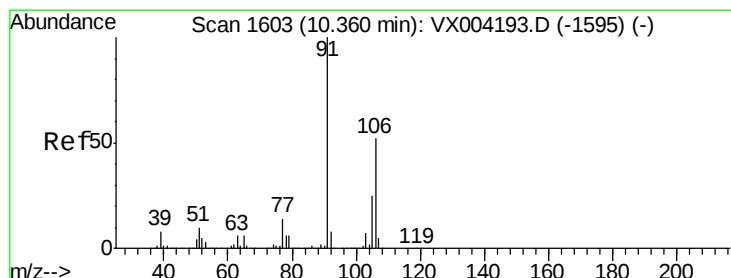
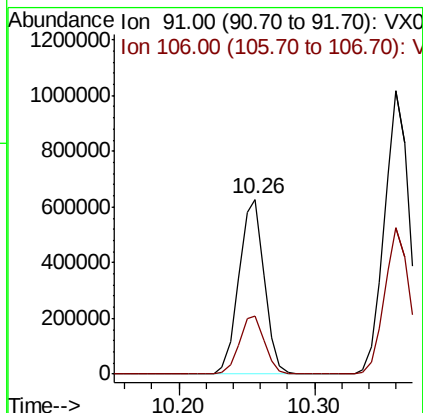
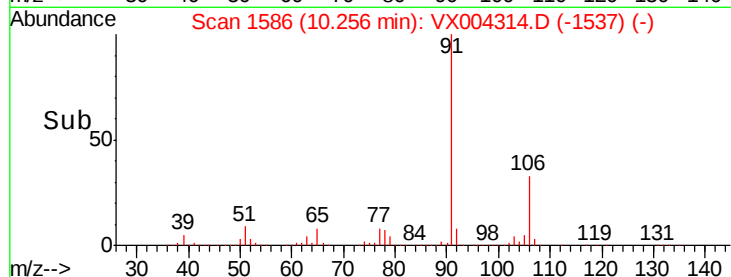
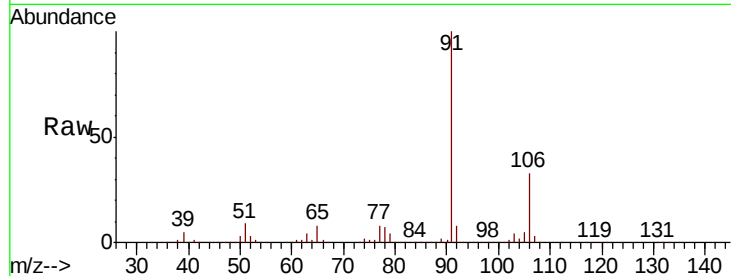
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 91 Resp: 813046

Ion Ratio Lower Upper

91 100

106 33.3 25.9 38.9



#68

m/p-Xylenes

Concen: 106.24 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004314.D

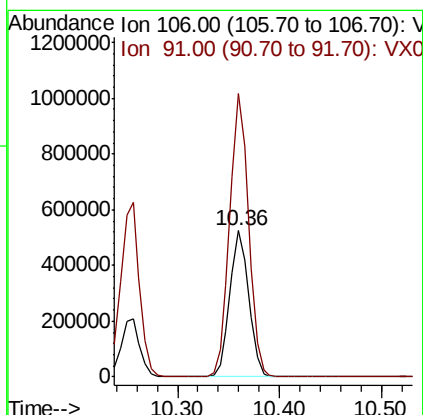
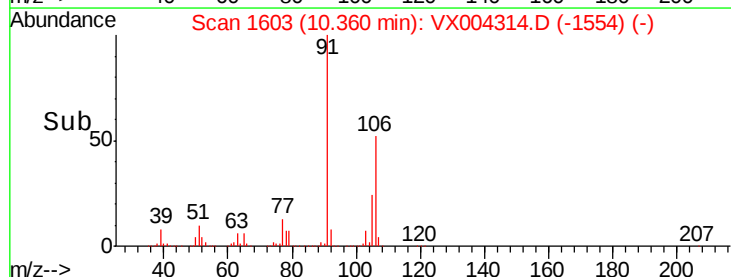
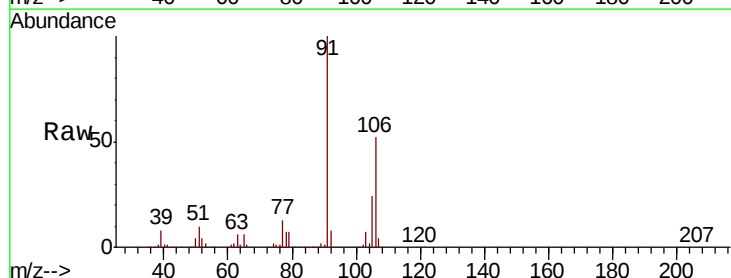
Acq: 30 Aug 2018 01:38

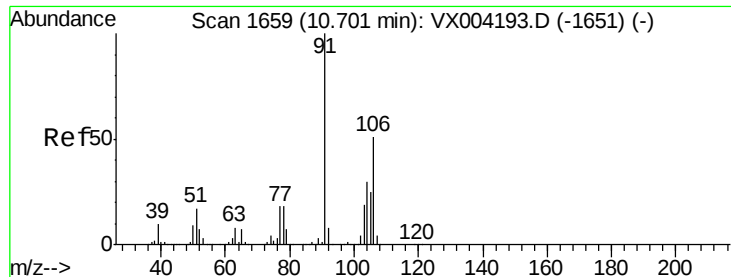
Tgt Ion: 106 Resp: 670702

Ion Ratio Lower Upper

106 100

91 193.7 157.1 235.7

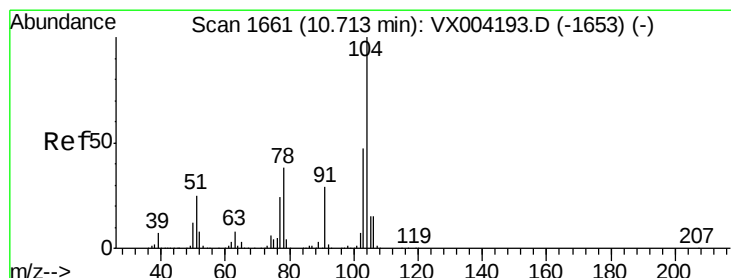
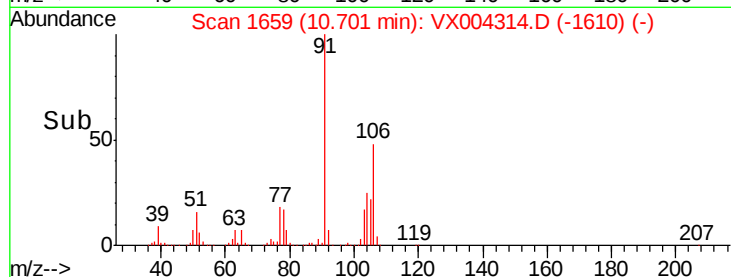
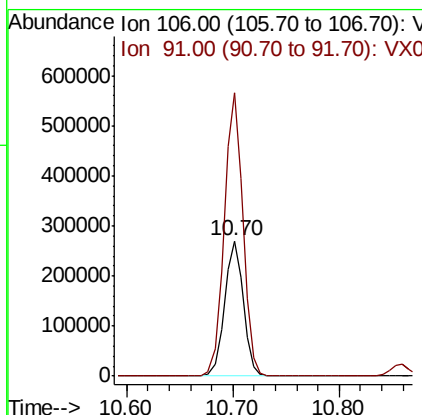
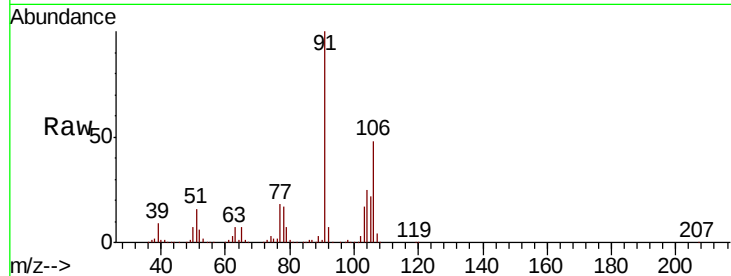




#69  
o-Xylene  
Concen: 55.61 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

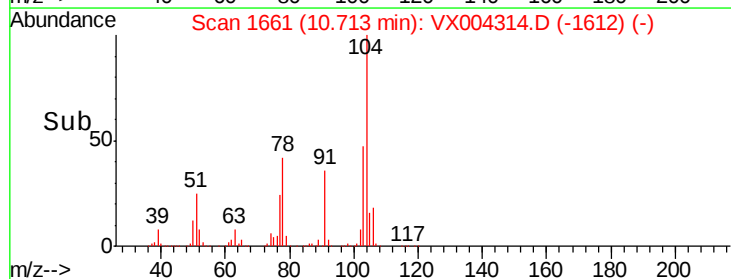
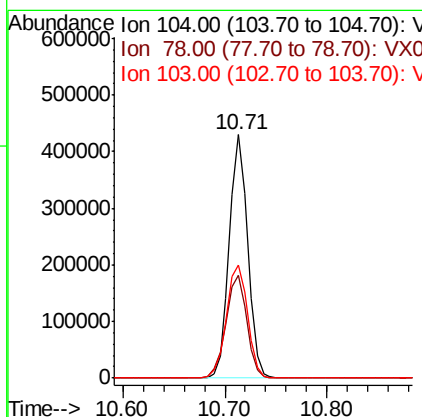
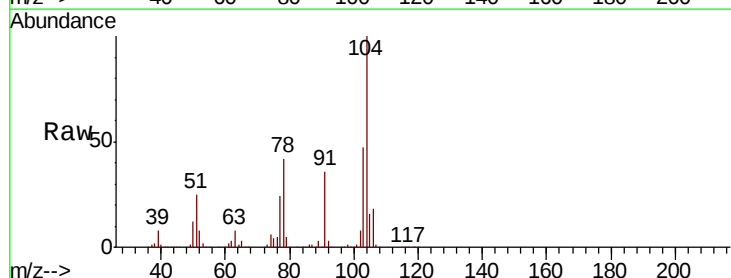
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

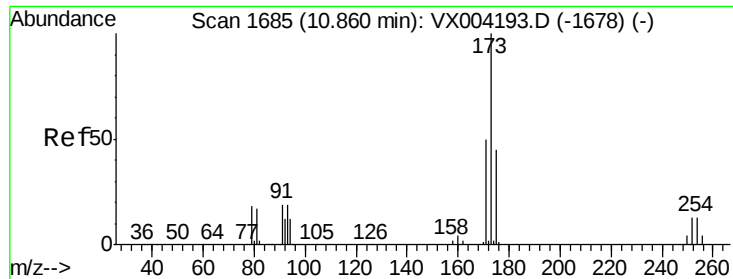
Tot Ion:106 Resp: 332051  
Ion Ratio Lower Upper  
106 100  
91 208.6 105.1 315.1



#70  
Styrene  
Concen: 55.66 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion:104 Resp: 538149  
Ion Ratio Lower Upper  
104 100  
78 47.7 37.4 56.0  
103 53.4 43.8 65.6





#71

Bromoform

Concen: 54.41 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

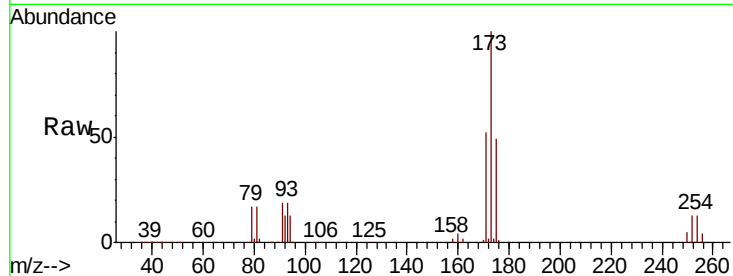
Tot Ion:173 Resp: 150392

Ion Ratio Lower Upper

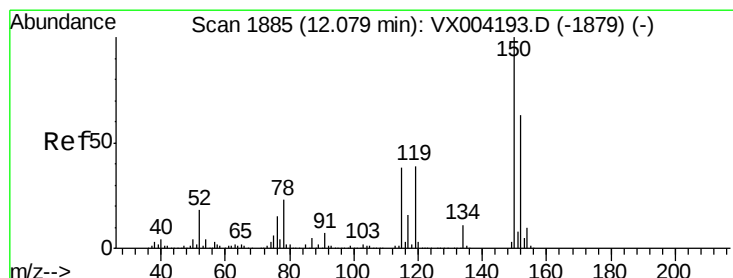
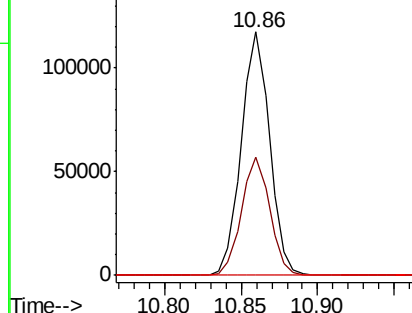
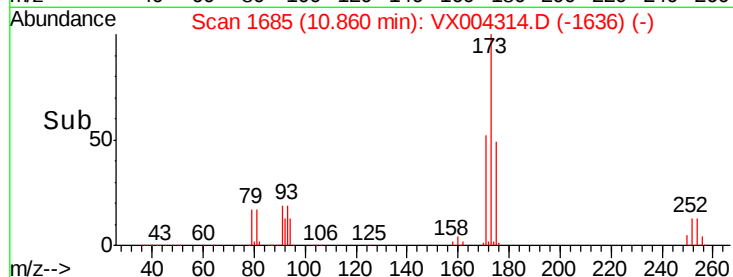
173 100

175 48.6 24.1 72.3

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

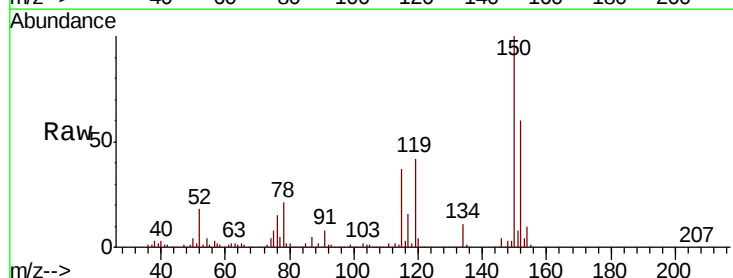
Tgt Ion:152 Resp: 237196

Ion Ratio Lower Upper

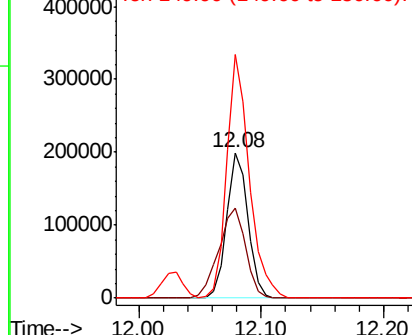
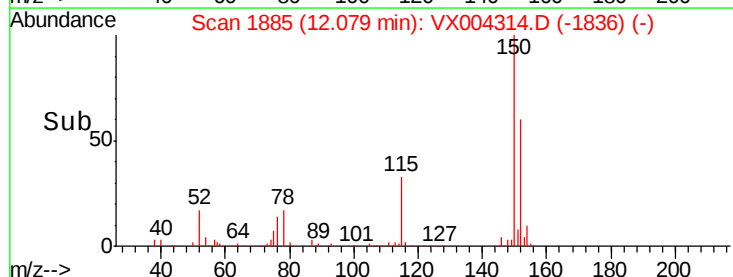
152 100

115 79.1 39.0 117.0

150 178.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.57 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

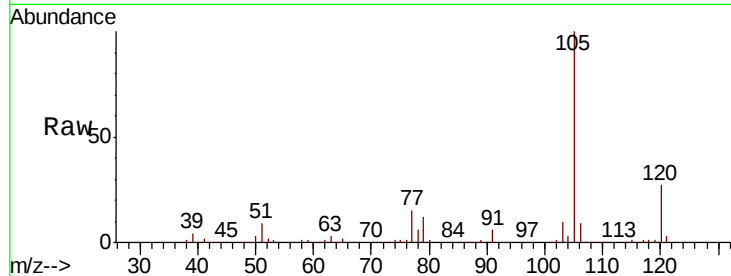
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion:105 Resp: 881310

Ion Ratio Lower Upper

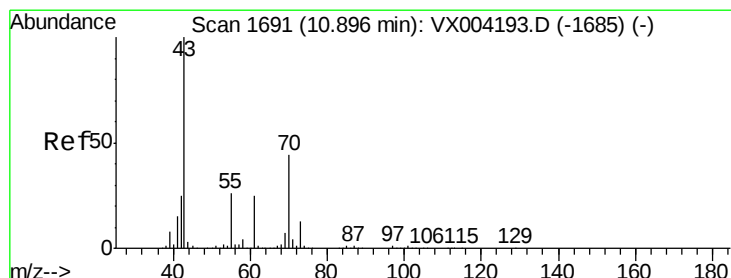
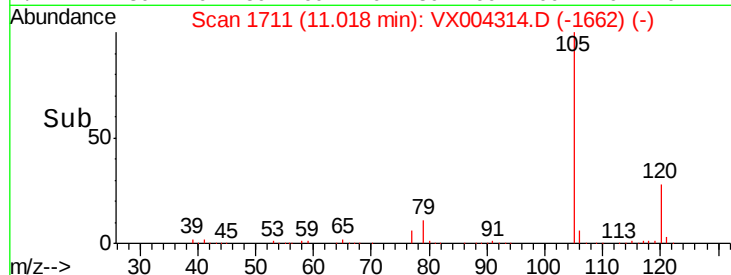
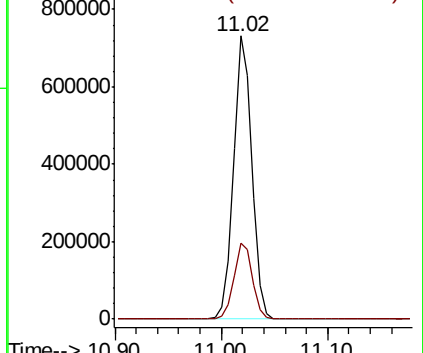
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.69 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Tgt Ion: 43 Resp: 232083

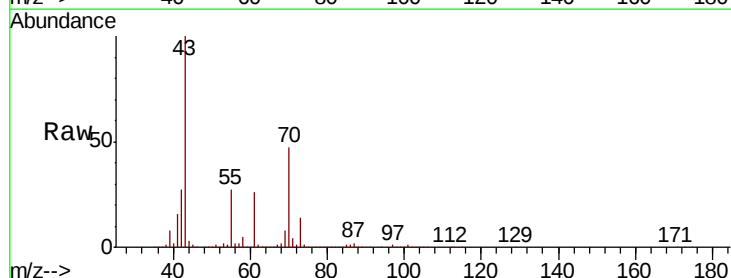
Ion Ratio Lower Upper

43 100

70 47.1 37.4 56.0

55 28.1 21.8 32.8

61 26.0 20.6 30.8

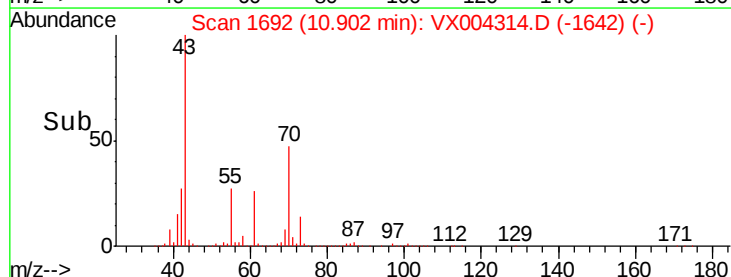
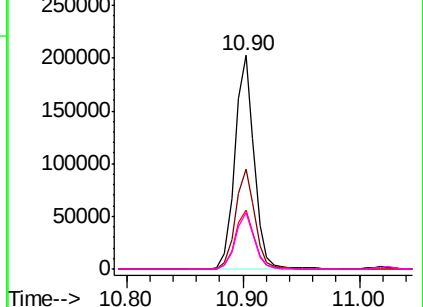


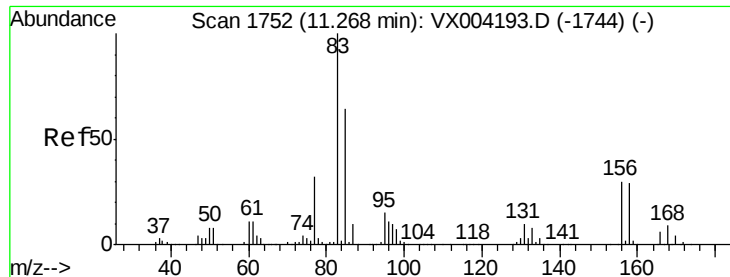
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.87 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

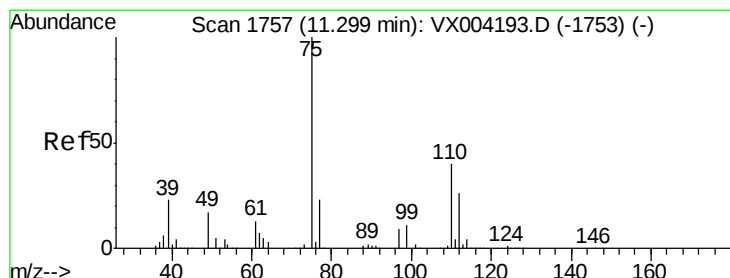
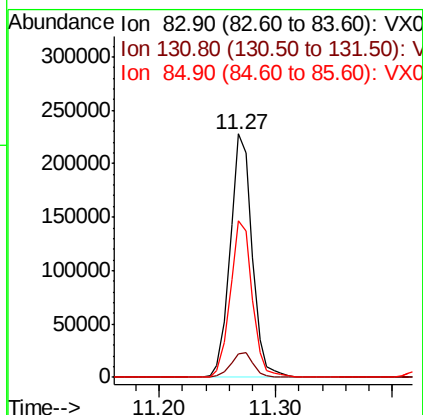
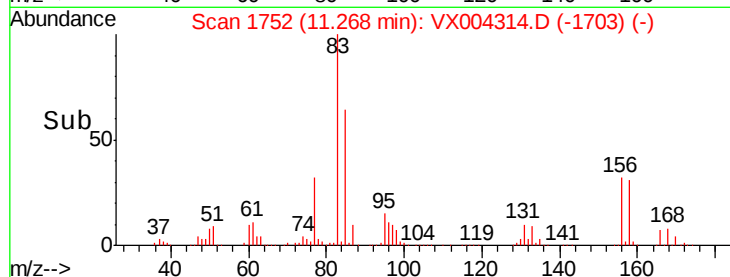
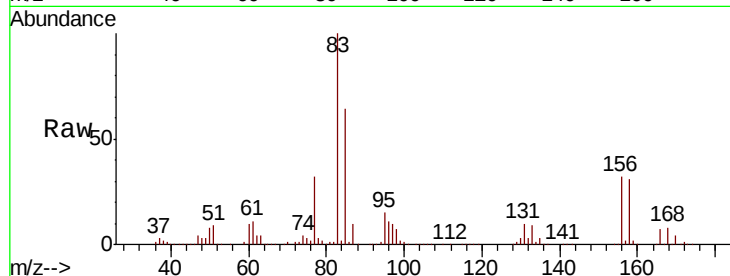
Tot Ion: 83 Resp: 299154

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 66.68 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004314.D

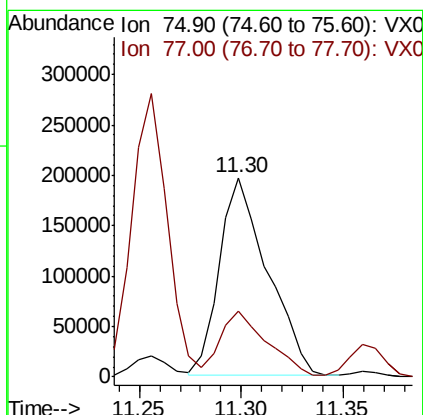
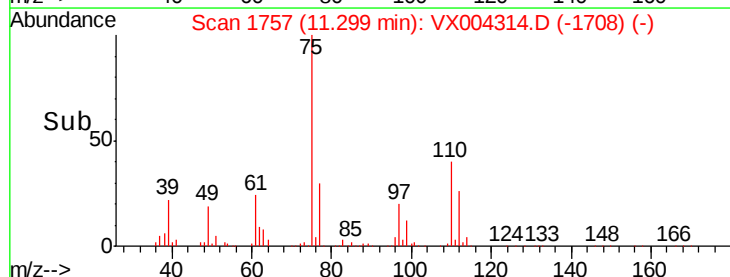
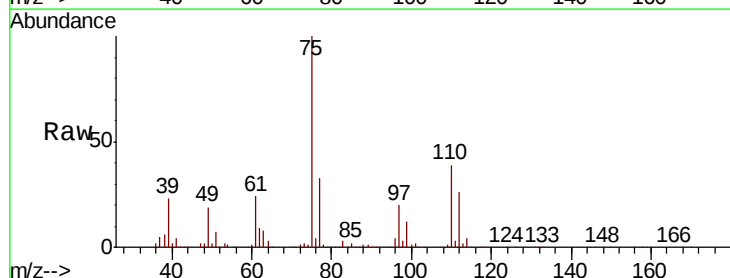
Acq: 30 Aug 2018 01:38

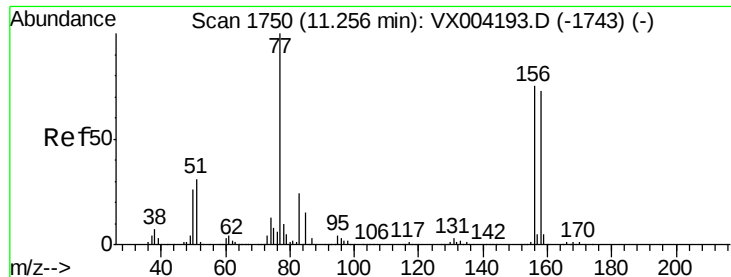
Tgt Ion: 75 Resp: 321682

Ion Ratio Lower Upper

75 100

77 32.4 20.2 60.6





#77

Bromobenzene

Concen: 54.43 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

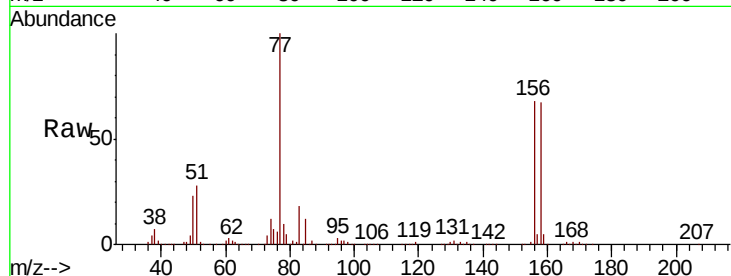
Tot Ion:156 Resp: 237843

Ion Ratio Lower Upper

156 100

77 144.4 71.5 214.3

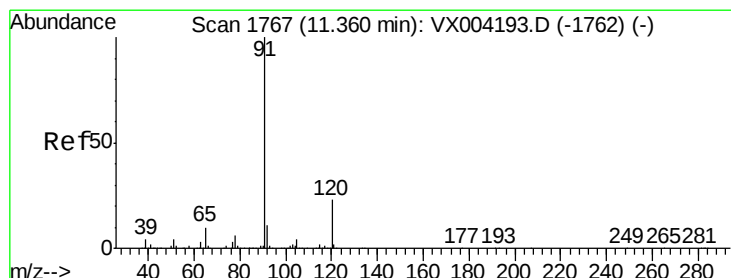
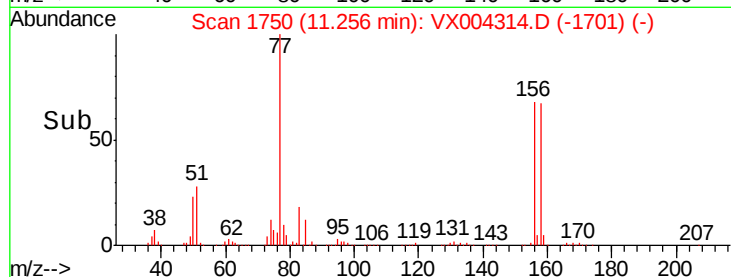
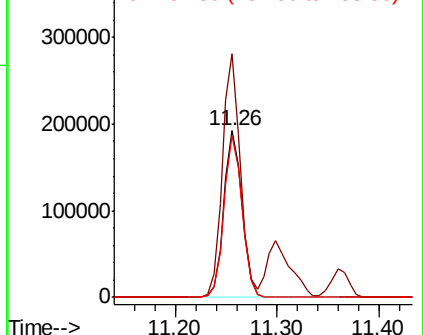
158 97.0 48.9 146.8



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: 56.06 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004314.D

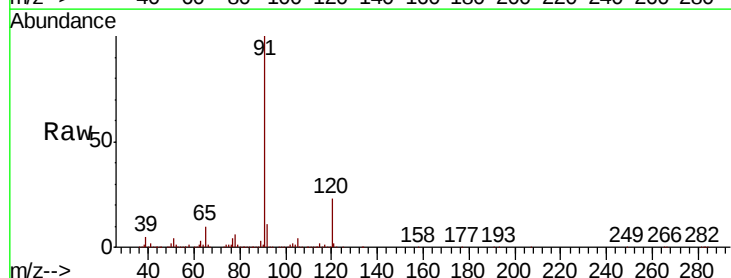
Acq: 30 Aug 2018 01:38

Tgt Ion: 91 Resp: 1004453

Ion Ratio Lower Upper

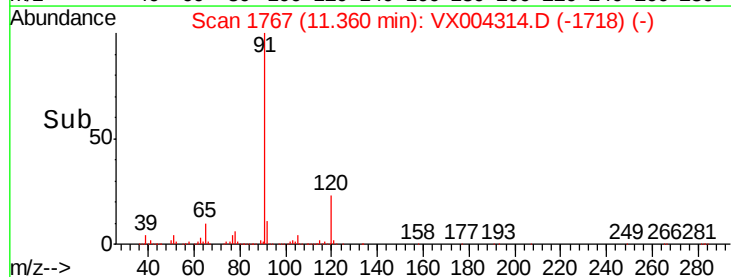
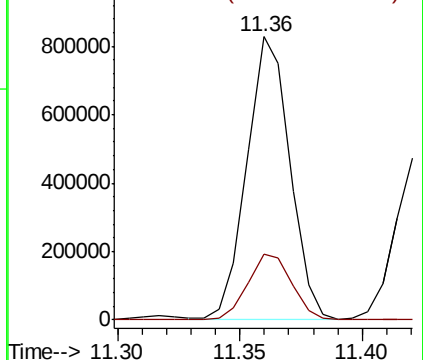
91 100

120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.54 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

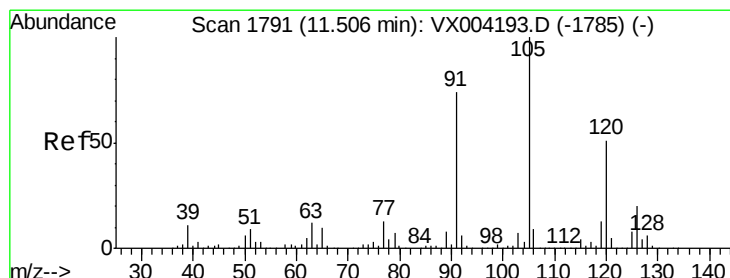
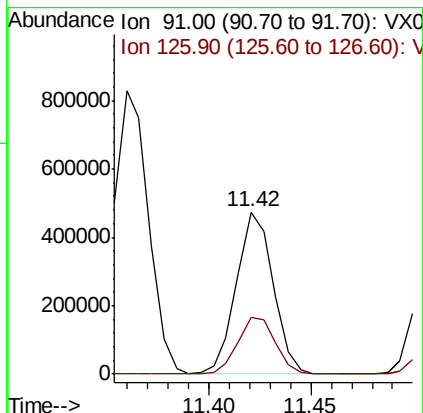
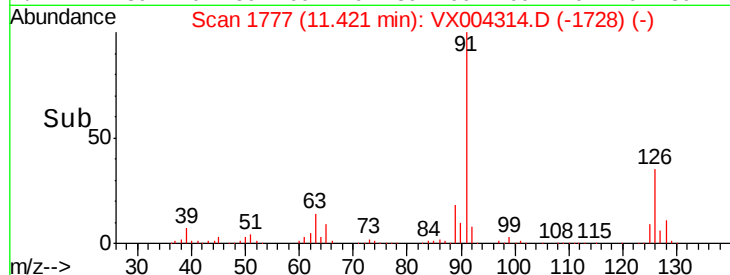
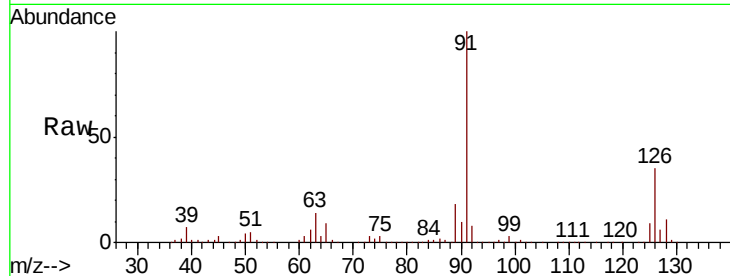
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 91 Resp: 590424

Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 56.88 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004314.D

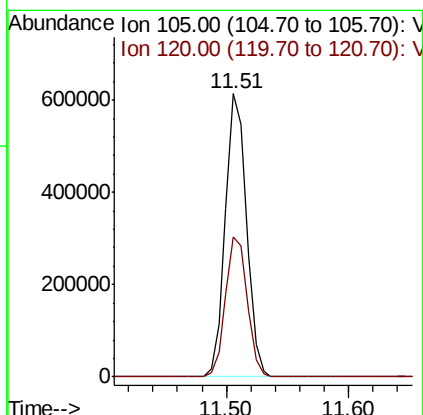
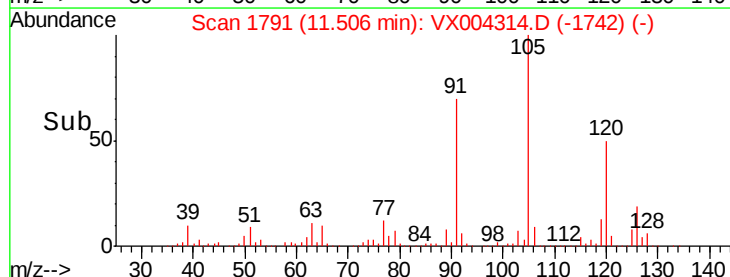
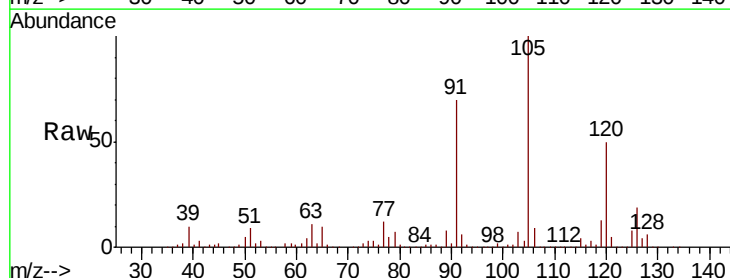
Acq: 30 Aug 2018 01:38

Tgt Ion:105 Resp: 733866

Ion Ratio Lower Upper

105 100

120 50.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.30 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

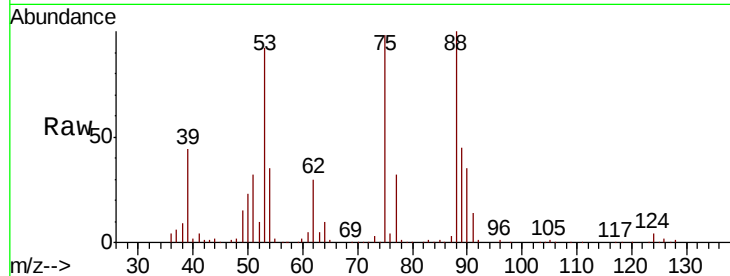
Tot Ion: 75 Resp: 71809

Ion Ratio Lower Upper

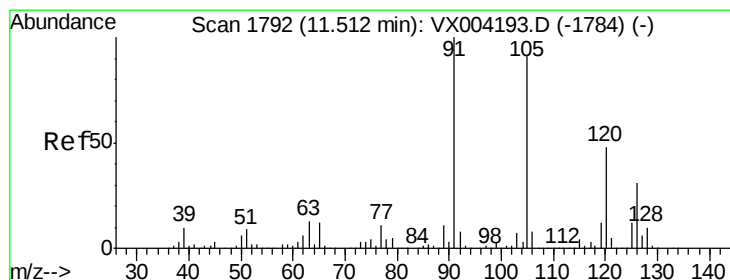
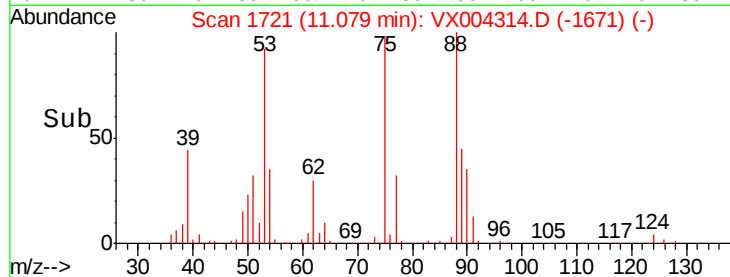
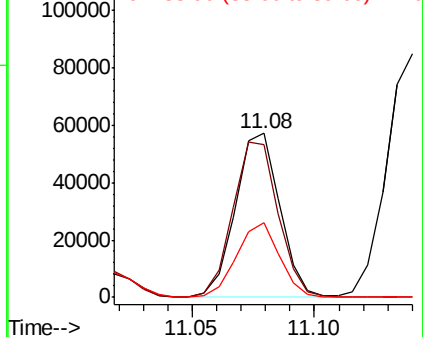
75 100

53 97.9 80.1 120.1

89 44.6 37.2 55.8



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: 53.90 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004314.D

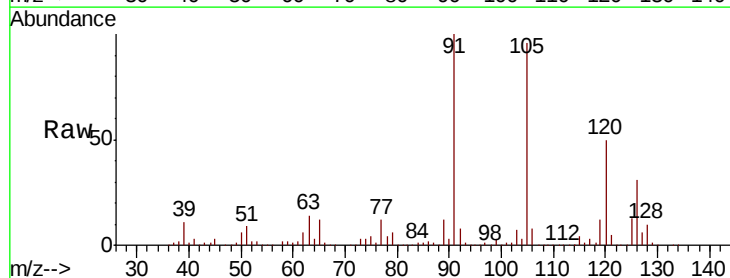
Acq: 30 Aug 2018 01:38

Tgt Ion: 91 Resp: 699424

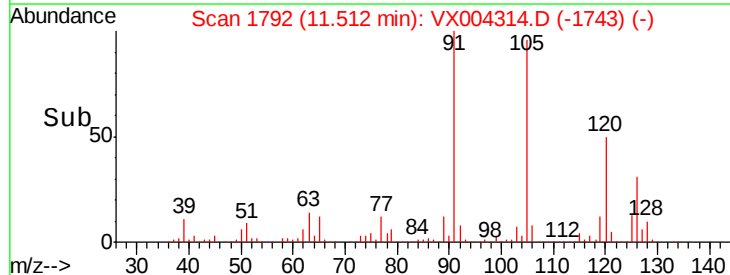
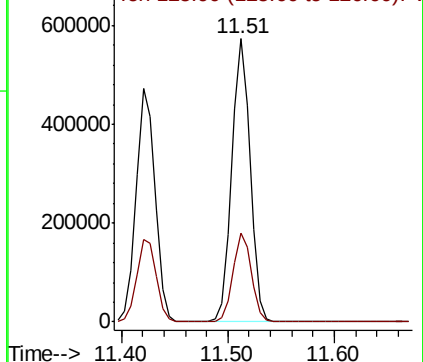
Ion Ratio Lower Upper

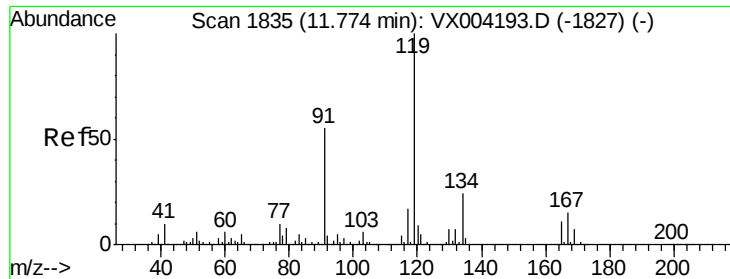
91 100

126 31.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V

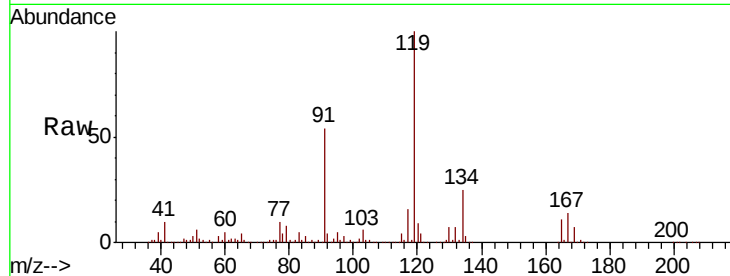




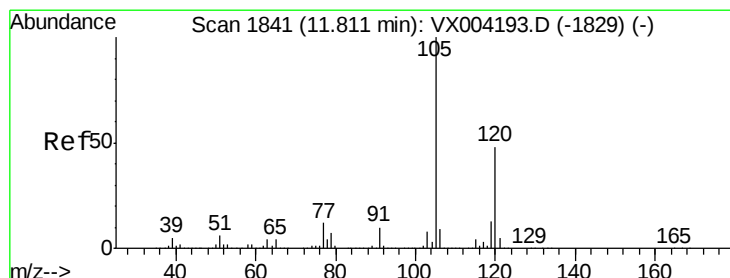
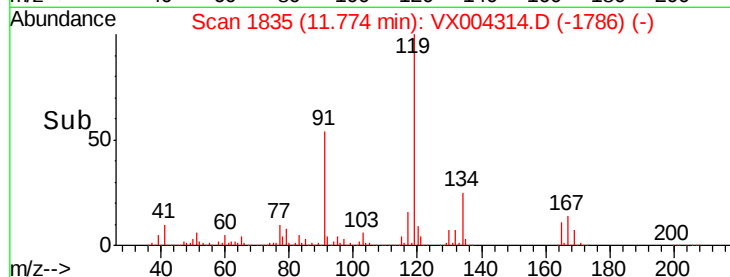
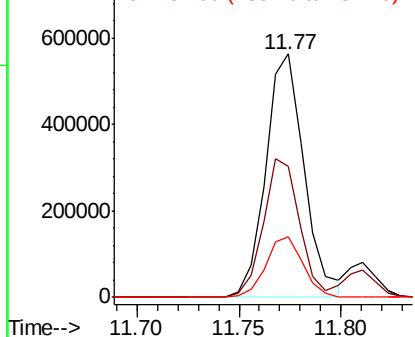
#83  
 tert-Butylbenzene  
 Concen: 56.97 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

Tot Ion:119 Resp: 739546  
 Ion Ratio Lower Upper  
 119 100  
 91 53.9 27.0 81.0  
 134 24.2 11.7 35.1

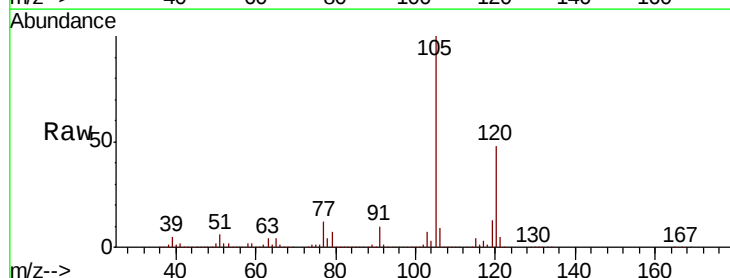


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VX0  
 Ion 134.00 (133.70 to 134.70): V

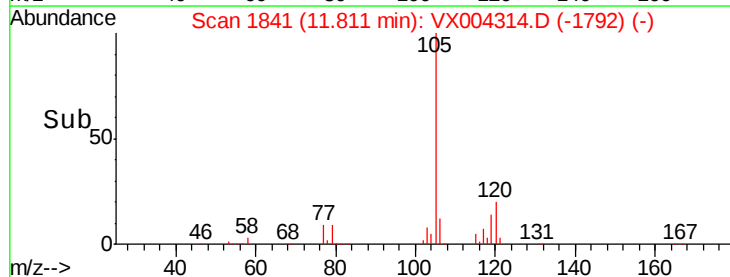
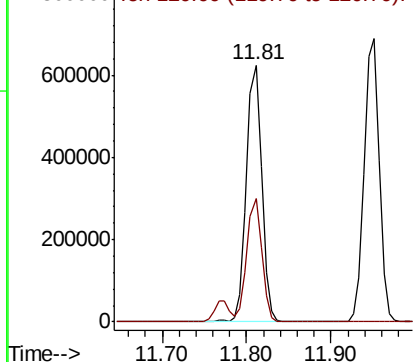


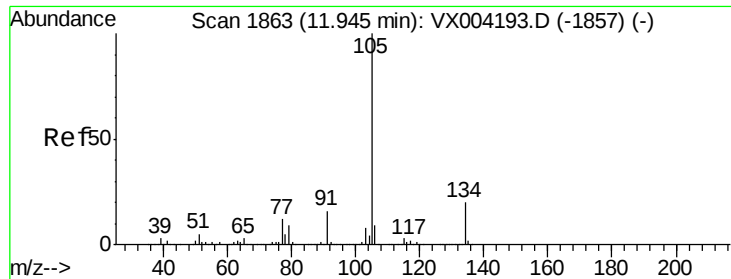
#84  
 1,2,4-Trimethylbenzene  
 Concen: 57.15 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

Tgt Ion:105 Resp: 756841  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 55.89 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

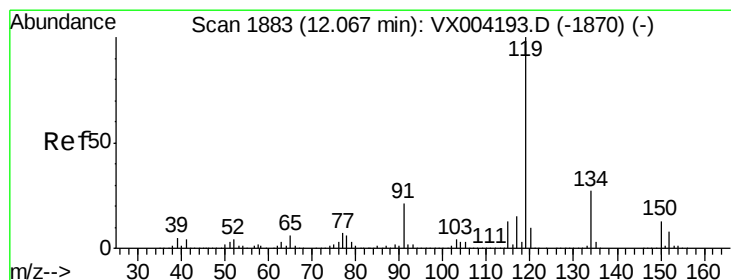
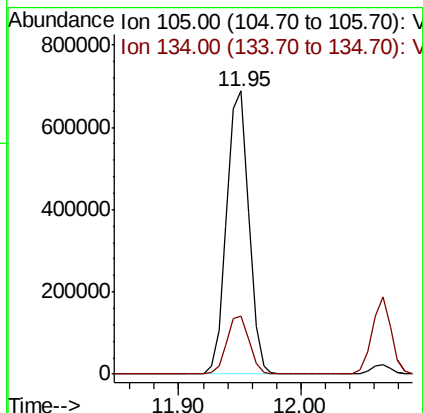
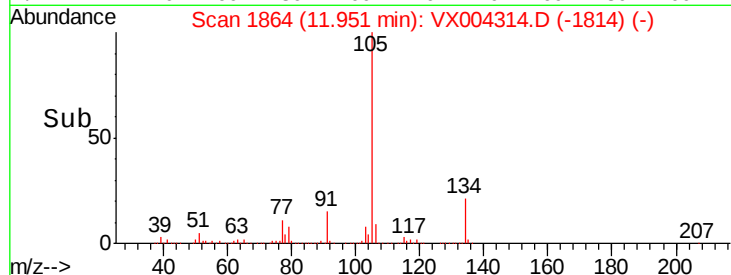
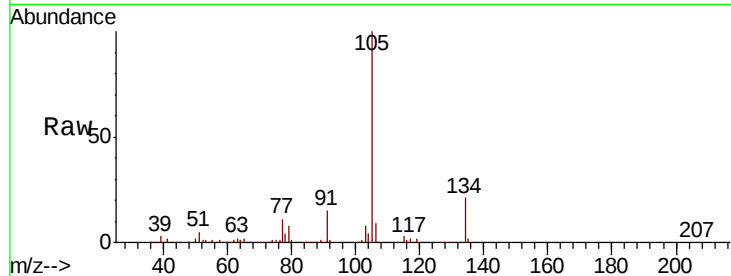
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion:105 Resp: 861306

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



#86

p-Isopropyltoluene

Concen: 53.59 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

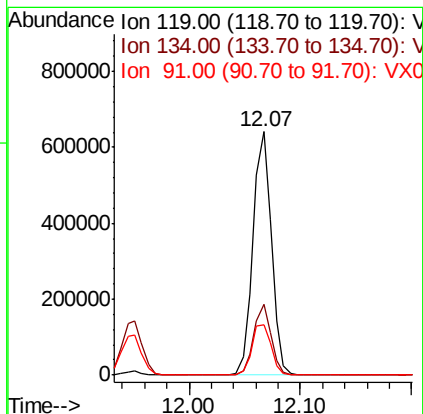
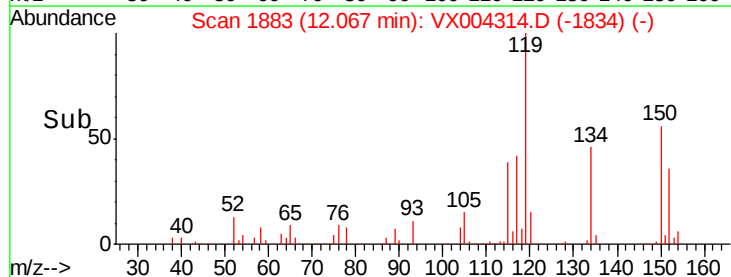
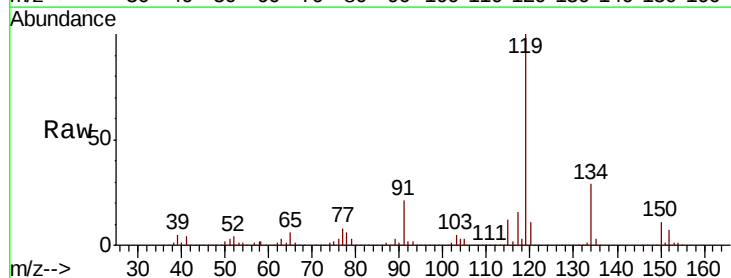
Tgt Ion:119 Resp: 740185

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

91 21.9 10.9 32.7

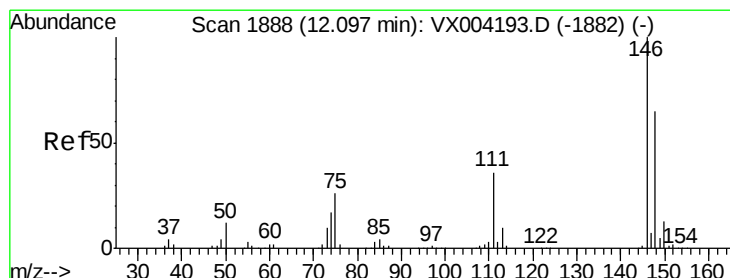
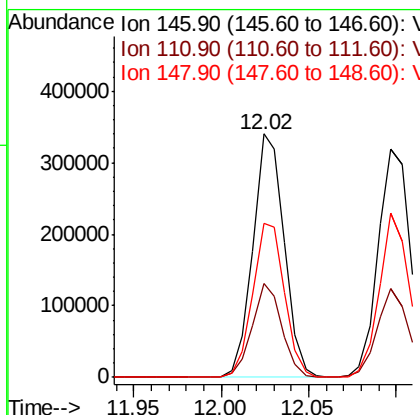
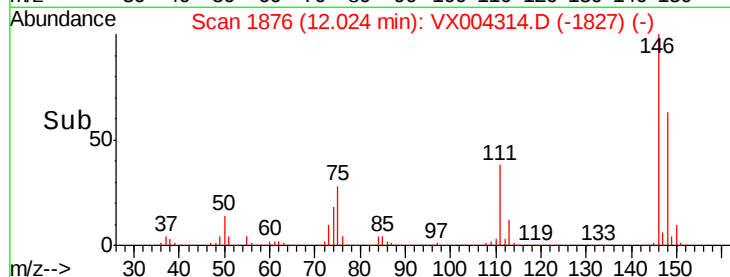
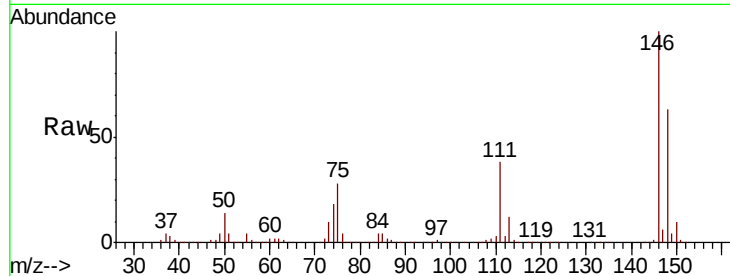




#87  
 1,3-Dichlorobenzene  
 Concen: 51.91 ug/l  
 RT: 12.02 min Scan# 1876  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

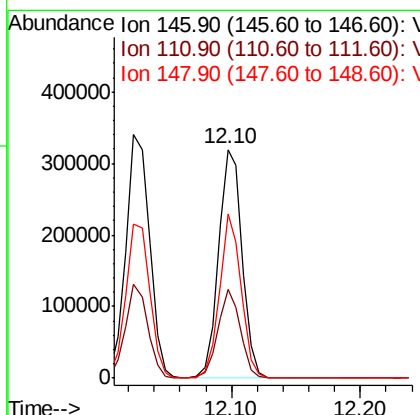
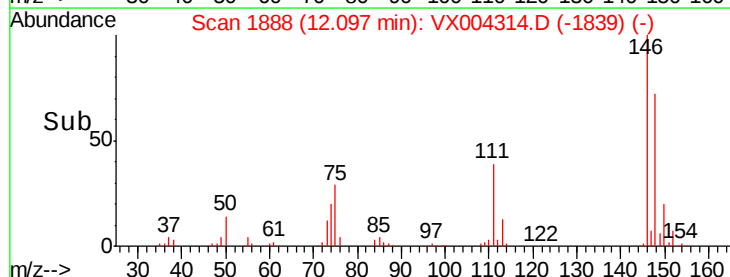
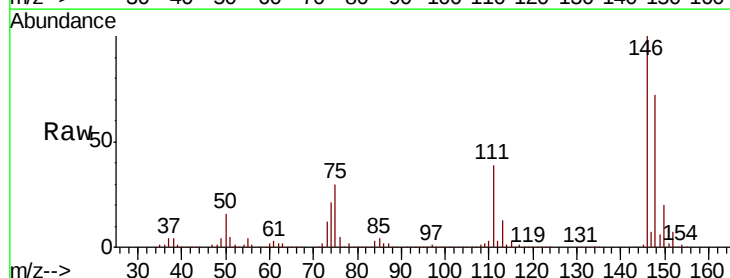
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

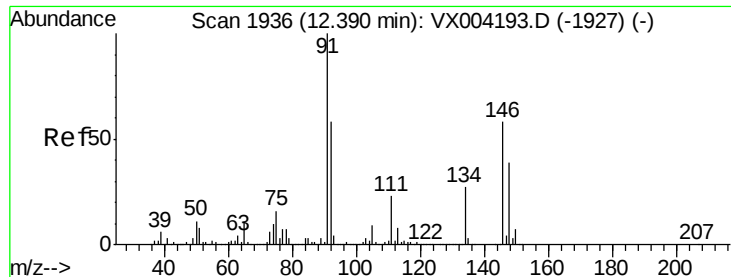
Tot Ion:146 Resp: 427114  
 Ion Ratio Lower Upper  
 146 100  
 111 36.5 18.7 56.1  
 148 64.1 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 47.13 ug/l  
 RT: 12.10 min Scan# 1888  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

Tgt Ion:146 Resp: 408838  
 Ion Ratio Lower Upper  
 146 100  
 111 37.1 18.1 54.1  
 148 66.3 32.0 96.0

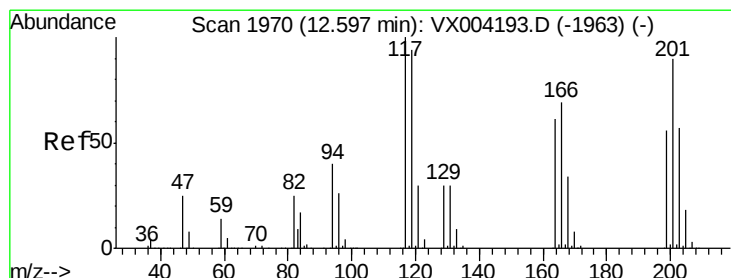
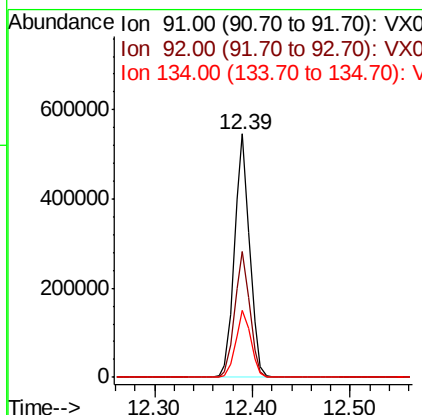
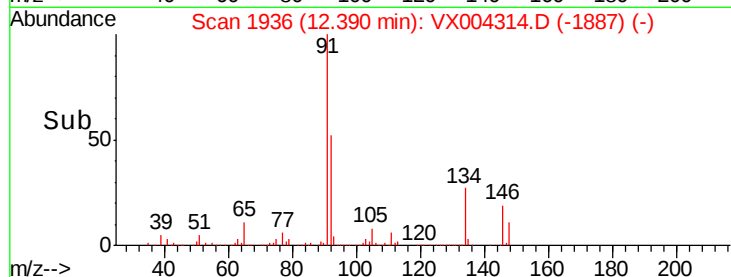
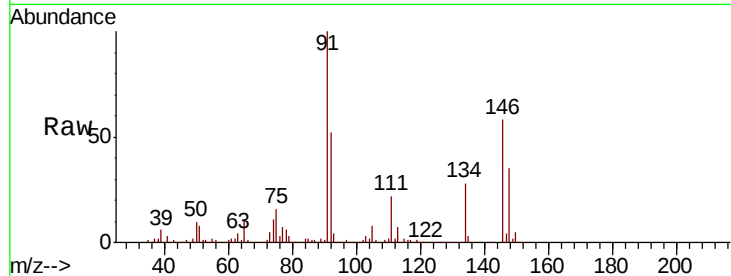




#89  
n-Butylbenzene  
Concen: 52.02 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

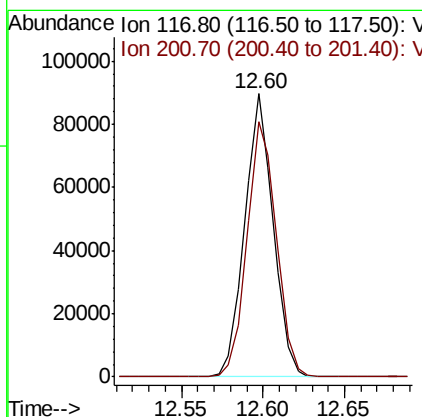
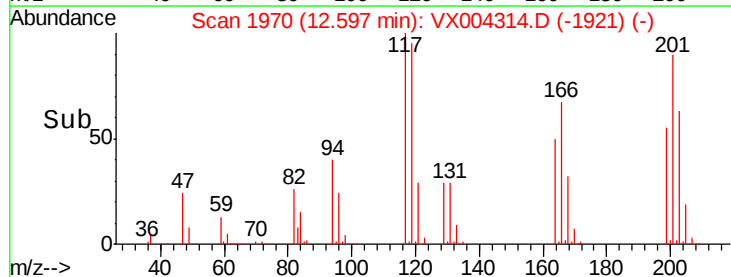
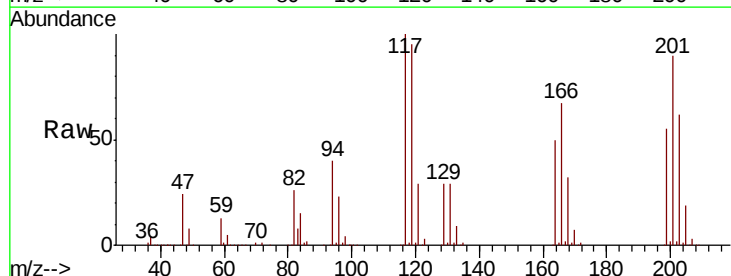
Instrument :  
MSVOA\_X  
ClientSampleId :  
CPA-CPMW05S-M12W4-082\_18MS

Tot Ion: 91 Resp: 584155  
Ion Ratio Lower Upper  
91 100  
92 51.8 27.3 81.9  
134 27.7 13.6 40.7



#90  
Hexachloroethane  
Concen: 56.46 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: VX004314.D  
Acq: 30 Aug 2018 01:38

Tgt Ion: 117 Resp: 108994  
Ion Ratio Lower Upper  
117 100  
201 92.9 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 55.14 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082\_18MS

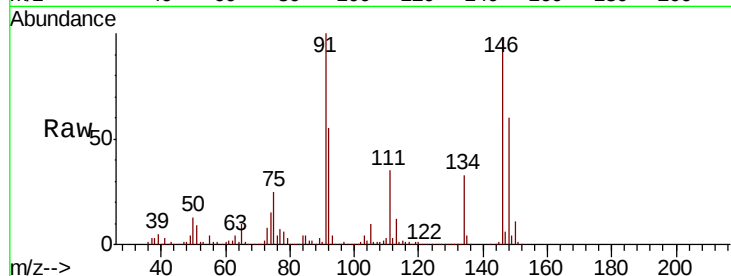
Tot Ion:146 Resp: 414610

Ion Ratio Lower Upper

146 100

111 37.2 19.4 58.1

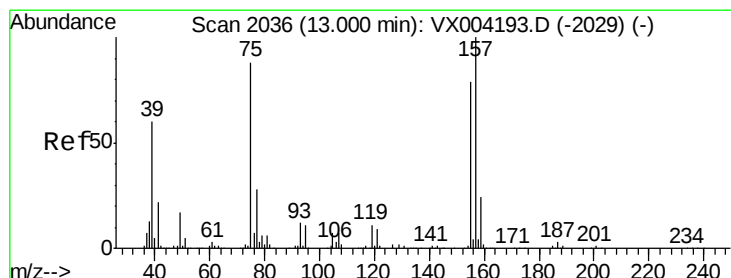
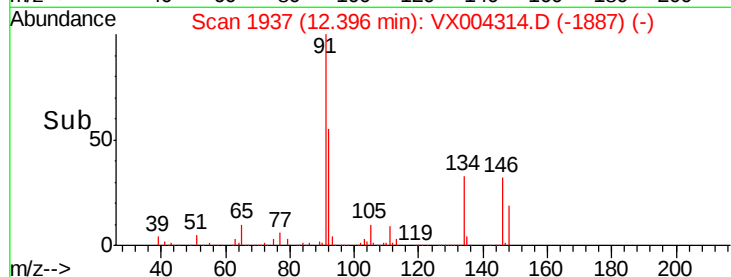
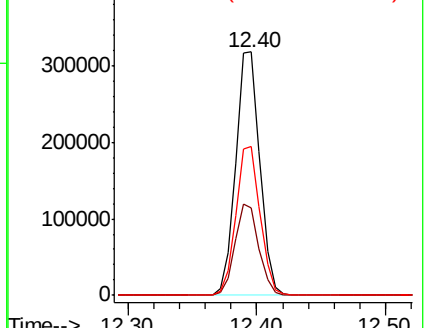
148 61.2 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.65 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

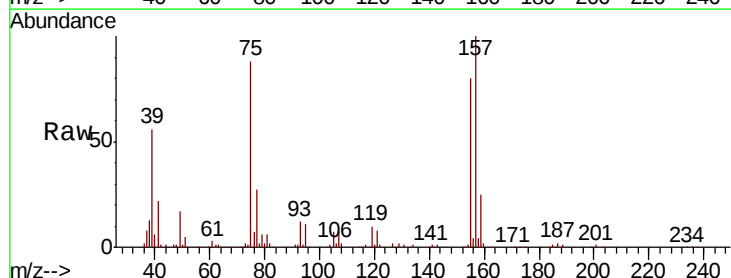
Tgt Ion: 75 Resp: 54401

Ion Ratio Lower Upper

75 100

155 97.1 48.0 144.2

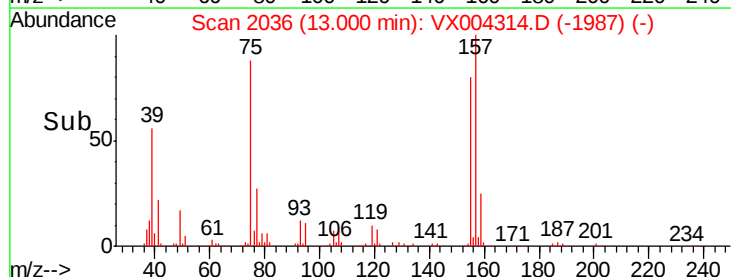
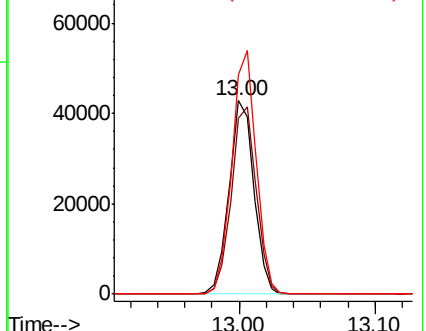
157 123.6 61.4 184.1

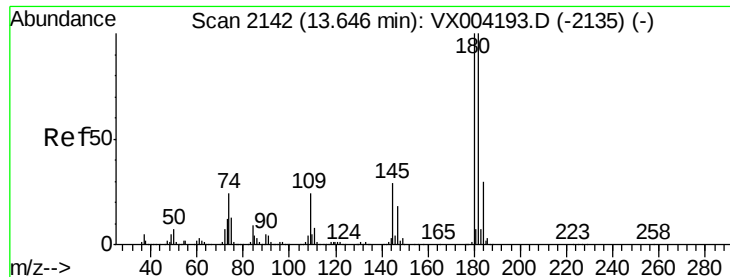


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

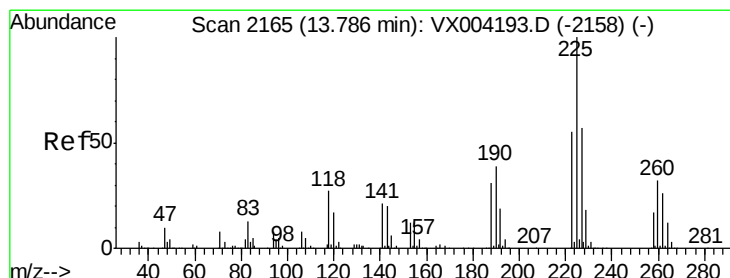
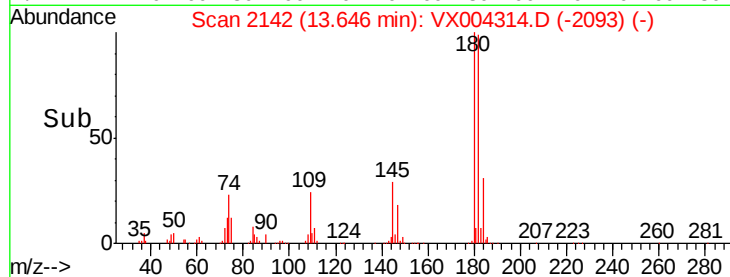
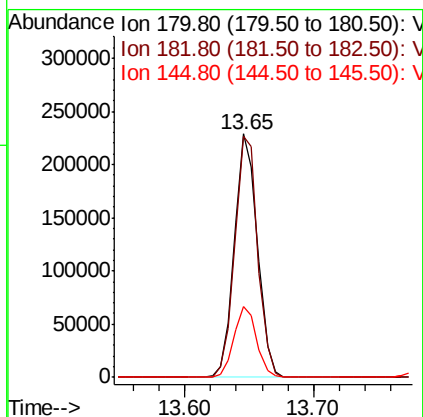
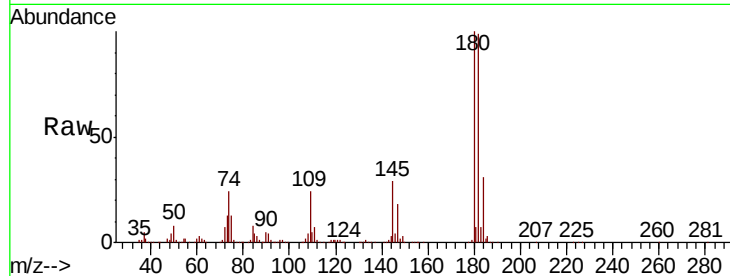




#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.07 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

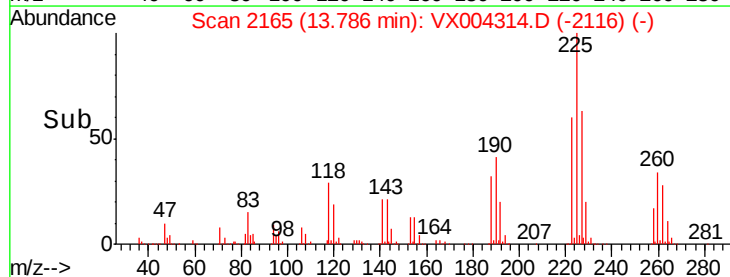
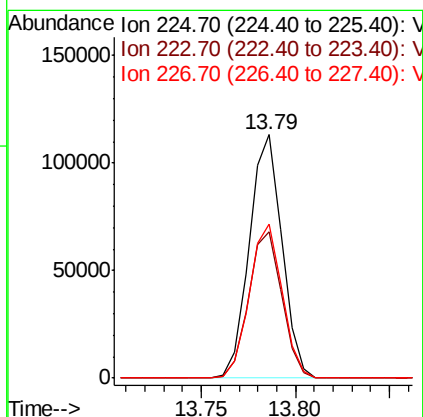
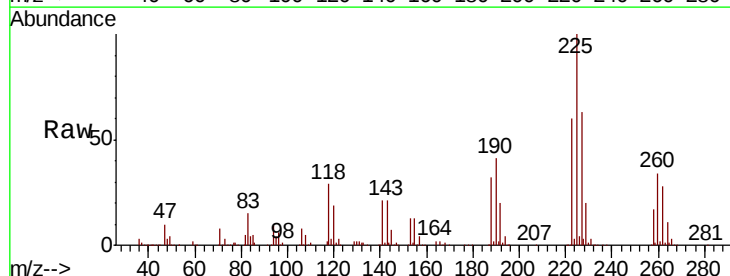
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW05S-M12W4-082\_18MS

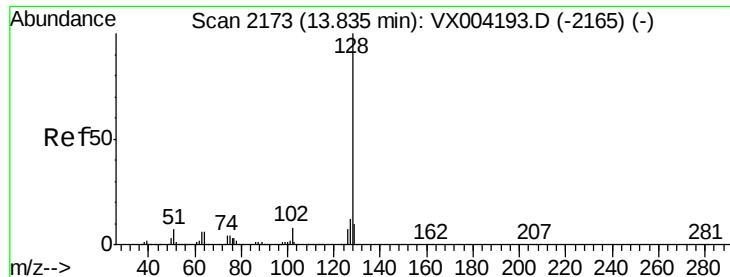
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.1  | 48.4  | 145.0 |
| 145     | 28.7  | 14.3  | 42.9  |



#94  
 Hexachlorobutadiene  
 Concen: 53.47 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX004314.D  
 Acq: 30 Aug 2018 01:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.1  | 30.1  | 90.5  |
| 227     | 63.4  | 30.8  | 92.4  |





#95

Naphthalene

Concen: 63.01 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

Instrument :

MSVOA\_X

ClientSampleId :

CPA-CPMW05S-M12W4-082 18MS

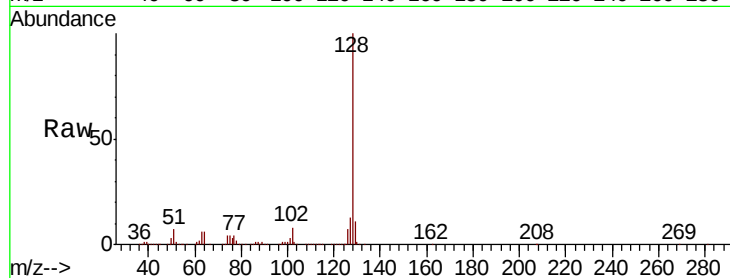
Tot Ion:128 Resp: 975110

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

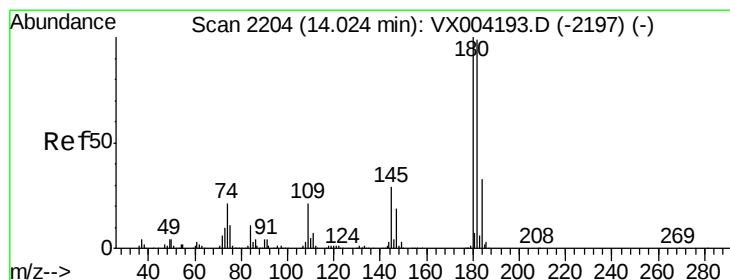
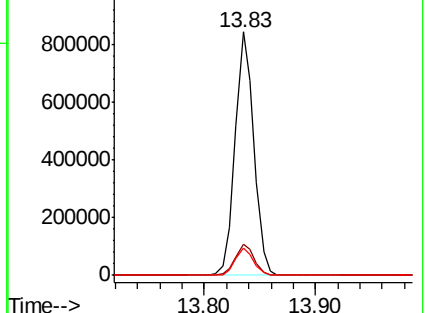
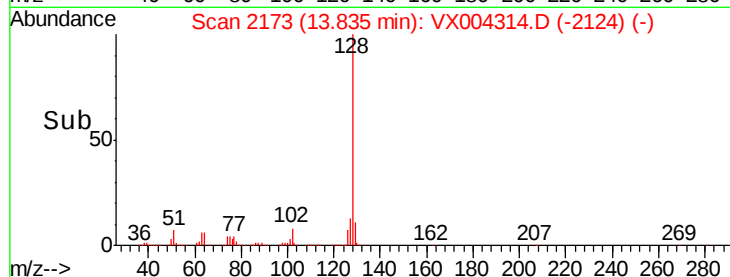
129 10.9 8.6 12.8



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: 56.21 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004314.D

Acq: 30 Aug 2018 01:38

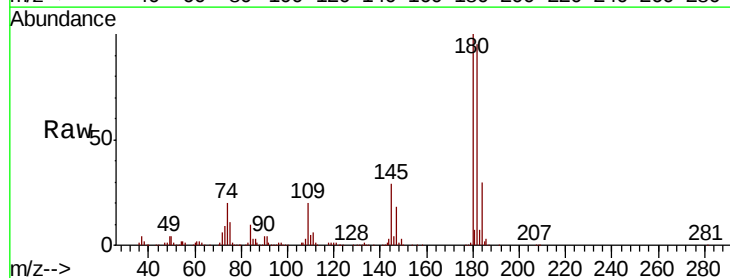
Tgt Ion:180 Resp: 325549

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.7 14.9 44.9



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

