

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\  
 Data File : VX008601.D  
 Acq On : 02 Apr 2019 19:25  
 Operator : JC/SP  
 Sample : VX0402WBSD03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

Quant Time: Apr 03 04:09:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 07:57:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 174975   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 291111   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 263033   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 121742   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65  | 130201   | 49.08 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.16%  |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 95812    | 50.48 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.96% |      |
| 50) Toluene-d8              | 8.71   | 98  | 380894   | 50.18 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.36% |      |
| 62) 4-Bromofluorobenzene    | 11.13  | 95  | 140224   | 49.86 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.72%  |      |

| Target Compounds              |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 33270  | 16.131  | ug/l | 97     |
| 3) Chloromethane              | 1.32 | 50  | 47992  | 18.026  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 45844  | 15.919  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 21538  | 15.543  | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 28882  | 16.930  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 54339  | 16.661  | ug/l | 100    |
| 8) Diethyl Ether              | 2.18 | 74  | 26570  | 17.214  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 35813  | 18.169  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 26723  | 16.912  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 59978  | 102.052 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 35721  | 17.548  | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 45277  | 106.086 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 83343  | 18.584  | ug/l | 99     |
| 15) Acrylonitrile             | 3.14 | 53  | 151177 | 98.097  | ug/l | 99     |
| 16) Acetone                   | 2.44 | 43  | 140638 | 101.439 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 97936  | 16.511  | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 70052  | 21.038  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 140285 | 19.124  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 45578  | 19.756  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 38673  | 18.897  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.85 | 45  | 171211 | 19.388  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.81 | 43  | 750526 | 97.418  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 83152  | 18.652  | ug/l | 99     |
| 25) 2-Butanone                | 4.67 | 43  | 223270 | 100.450 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 58165  | 19.616  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 46256  | 18.583  | ug/l | 99     |
| 28) Bromochloromethane        | 5.01 | 49  | 41045  | 18.635  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 145041 | 99.010  | ug/l | 98     |
| 30) Chloroform                | 5.21 | 83  | 75540  | 18.775  | ug/l | 100    |
| 31) Cyclohexane               | 5.58 | 56  | 76190  | 17.919  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 60090  | 18.685  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 55992  | 18.039  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.84 | 43  | 83157  | 20.681  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 49129  | 18.967  | ug/l | 100    |

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 Sample : VX0402WBSD03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

Quant Time: Apr 03 04:09:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 07:57:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 68913    | 18.578  | ug/l  | 98       |
| 40) Benzene                    | 6.14  | 78   | 177318   | 19.082  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.04  | 41   | 45974    | 20.345  | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 63969    | 18.802  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.45  | 43   | 127882   | 19.883  | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 40472    | 18.550  | ug/l  | 95       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 50691    | 19.192  | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 28804    | 18.675  | ug/l  | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 56352    | 19.088  | ug/l  | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 64909    | 20.170  | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 25535    | 399.061 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 434785   | 104.080 | ug/l  | 99       |
| 52) Toluene                    | 8.79  | 92   | 107598   | 19.366  | ug/l  | 97       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 62312    | 19.271  | ug/l  | 96       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 71293    | 19.389  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 44734    | 19.779  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 81082    | 19.860  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 79235    | 19.540  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 207789   | 98.462  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 341905   | 105.628 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 41221    | 19.164  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 45188    | 19.578  | ug/l  | 98       |
| 64) Tetrachloroethene          | 9.33  | 164  | 34013    | 19.101  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 108388   | 18.948  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 38810    | 19.665  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 204133   | 18.909  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 147356   | 37.520  | ug/l  | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 72414    | 19.000  | ug/l  | 100      |
| 70) Styrene                    | 10.71 | 104  | 125466   | 19.058  | ug/l  | 100      |
| 71) Bromoform                  | 10.85 | 173  | 29317    | 18.811  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 193531   | 19.540  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 117805   | 20.550  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 75370    | 19.613  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 83730    | 23.134  | ug/l  | 82       |
| 77) Bromobenzene               | 11.26 | 156  | 46181    | 19.212  | ug/l  | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 221993   | 19.134  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 134884   | 19.114  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 161075   | 19.237  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 22384    | 19.809  | ug/l  | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 153166   | 18.816  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 154228   | 19.091  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 163486   | 19.304  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 185944   | 19.328  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 165504   | 19.496  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 80956    | 18.850  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 80493    | 18.570  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 152225   | 18.930  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 26252    | 18.563  | ug/l  | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 82795    | 19.250  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 16420    | 19.596  | ug/l  | 99       |

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Operator : JC/SP  
Sample : VX0402WBSD03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 18 Sample Multiplier: 1

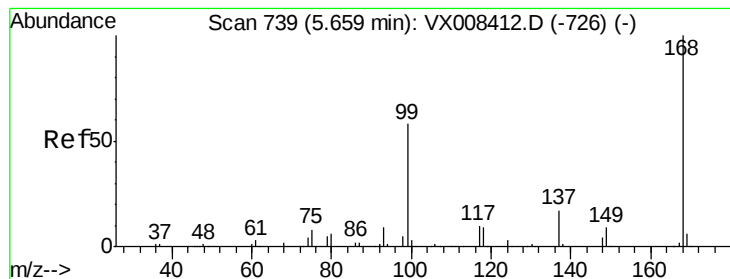
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

Quant Time: Apr 03 04:09:46 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 26 07:57:20 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 55470    | 19.156 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 27918    | 20.305 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 199684   | 20.114 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 57666    | 19.818 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

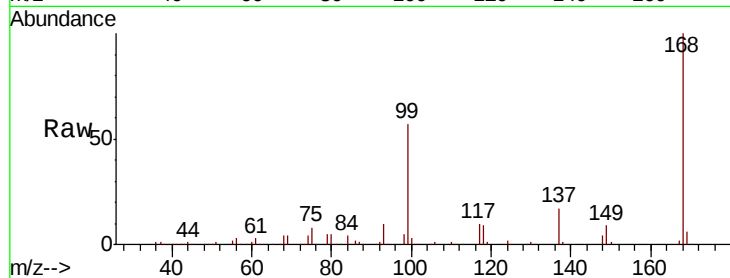
VX0402WBSD03

Tot Ion:168 Resp: 174975

Ion Ratio Lower Upper

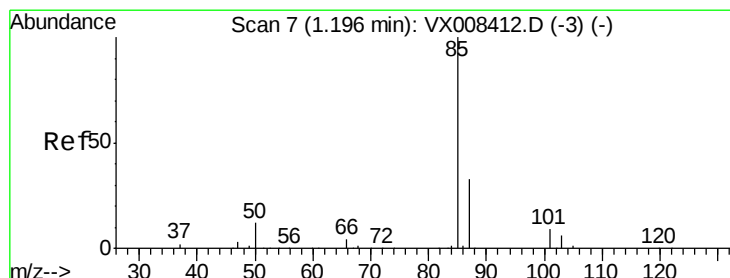
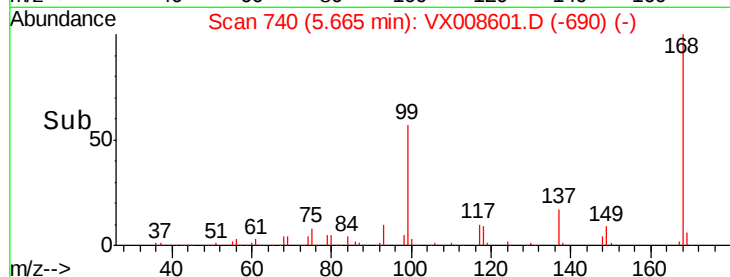
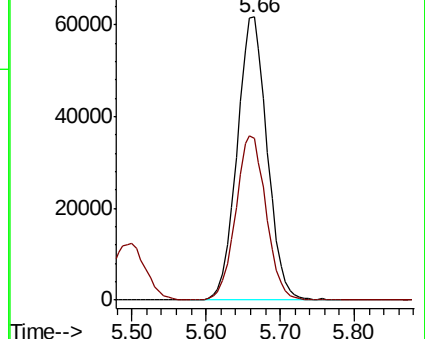
168 100

99 57.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.131 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008601.D

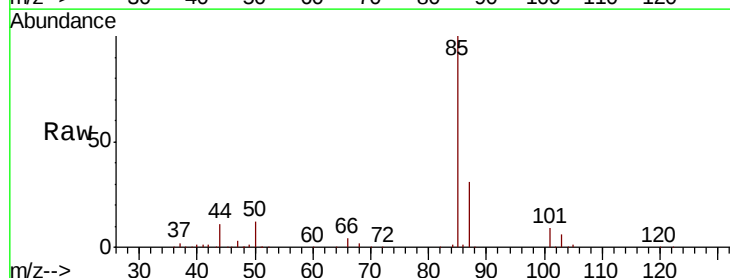
Acq: 02 Apr 2019 19:25

Tgt Ion: 85 Resp: 33270

Ion Ratio Lower Upper

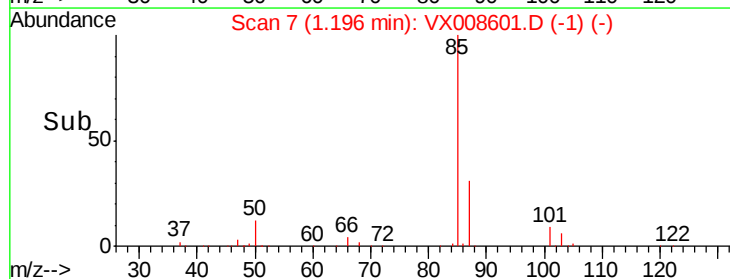
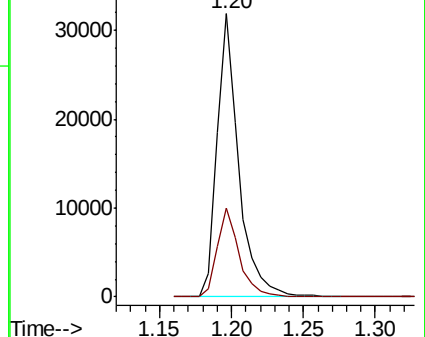
85 100

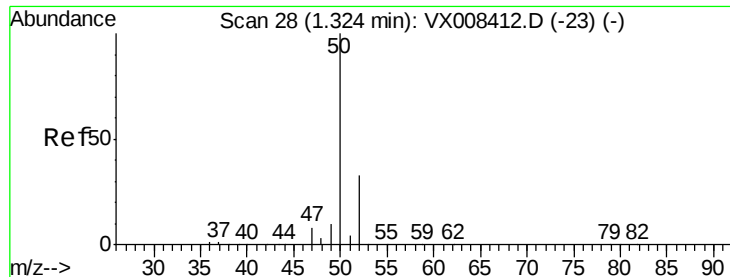
87 31.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.026 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

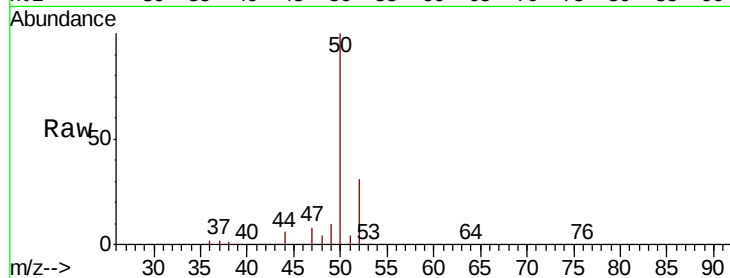
VX0402WBSD03

Tot Ion: 50 Resp: 47992

Ion Ratio Lower Upper

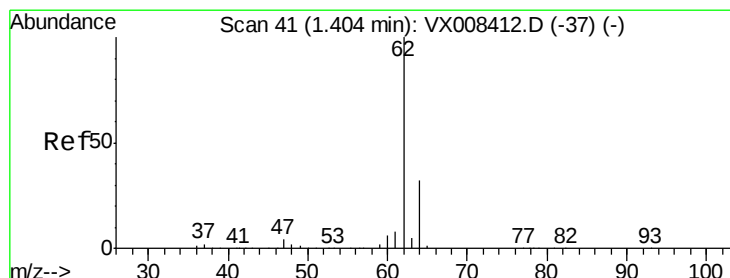
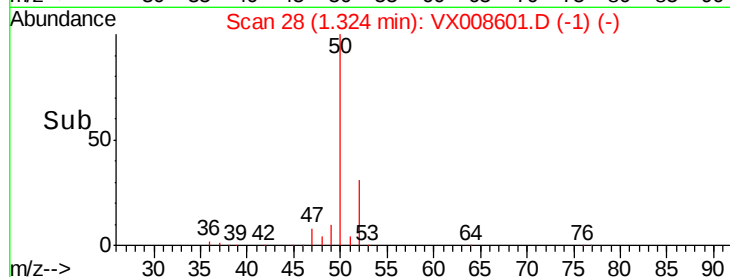
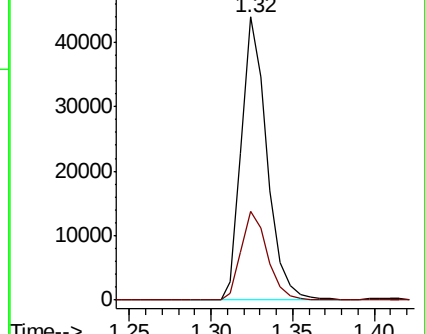
50 100

52 31.5 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: 15.919 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008601.D

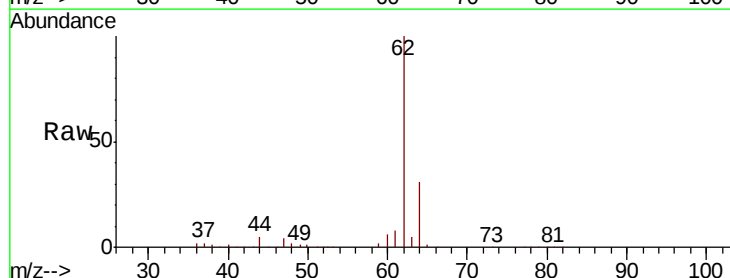
Acq: 02 Apr 2019 19:25

Tgt Ion: 62 Resp: 45844

Ion Ratio Lower Upper

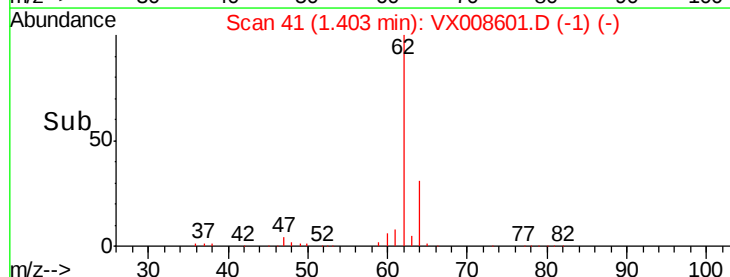
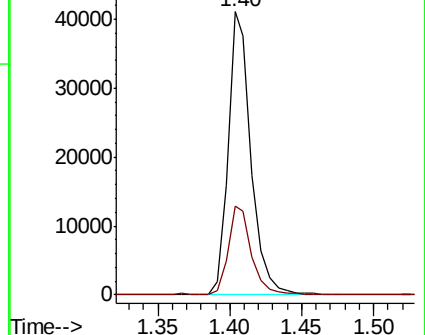
62 100

64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.543 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

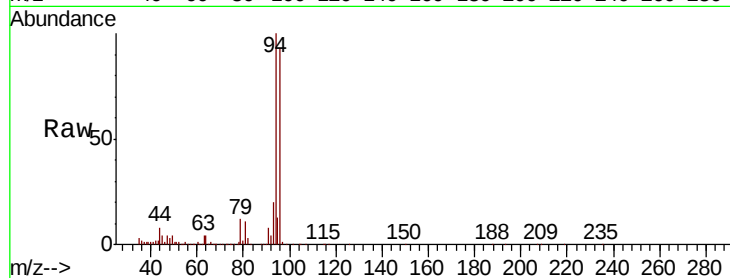
VX0402WBSD03

Tot Ion: 94 Resp: 21538

Ion Ratio Lower Upper

94 100

96 92.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

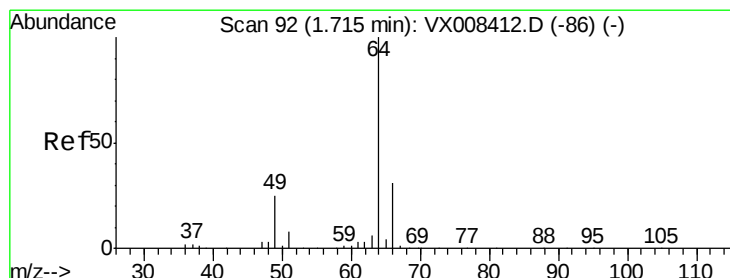
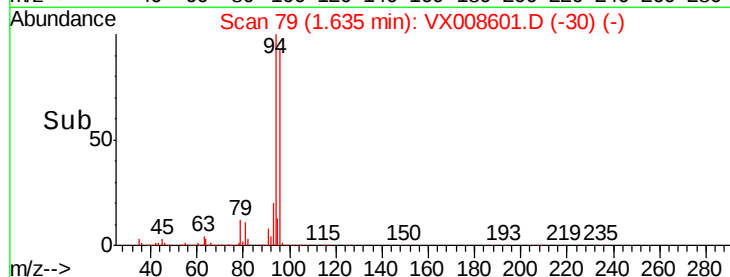
10000

5000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 16.930 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008601.D

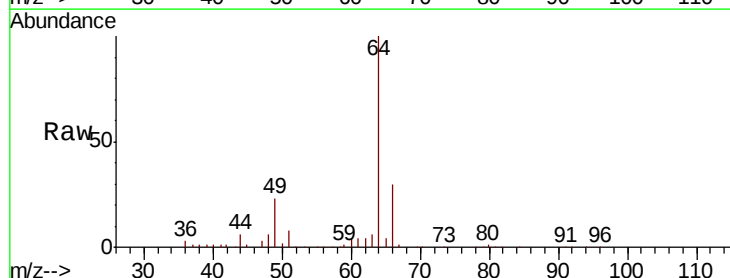
Acq: 02 Apr 2019 19:25

Tgt Ion: 64 Resp: 28882

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

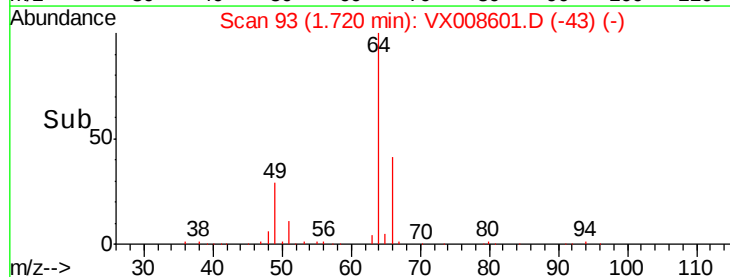
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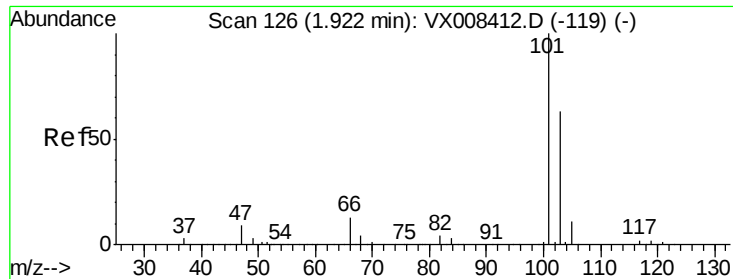
5000

0

1.65 1.70 1.75 1.80

Time-->



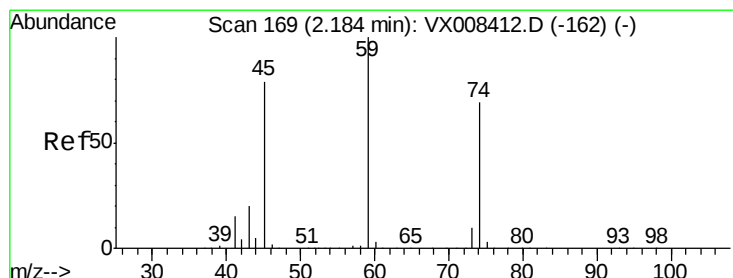
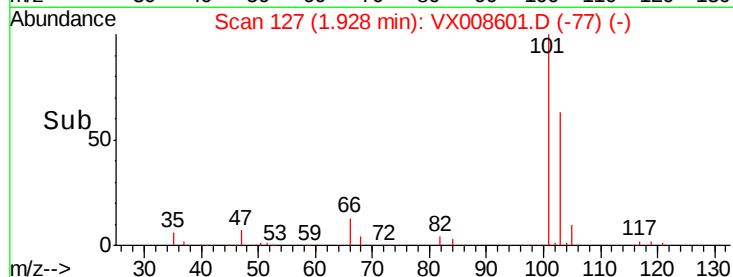
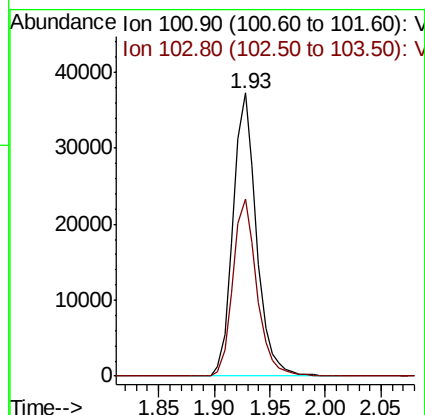
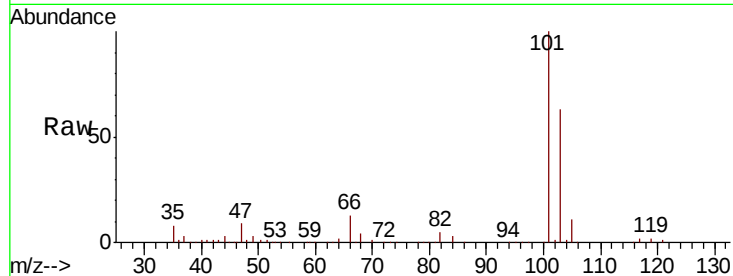


#7

Trichlorofluoromethane  
 Concen: 16.661 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

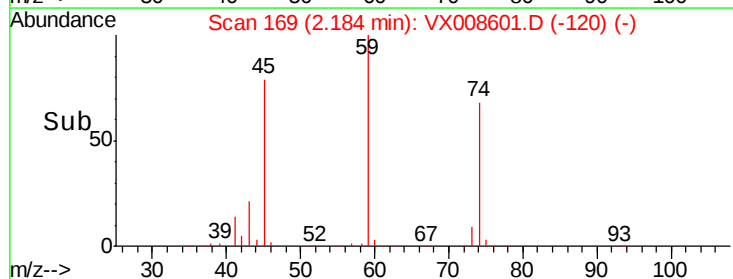
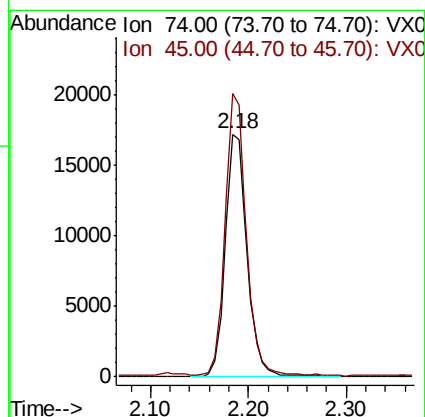
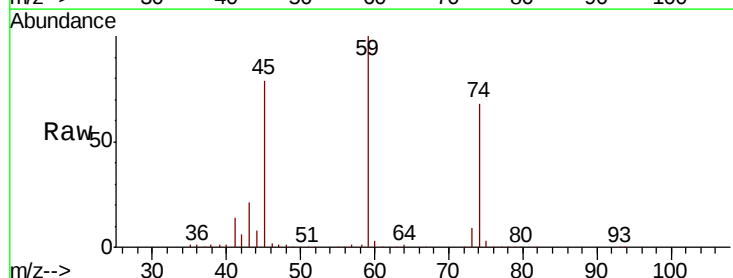
Tot Ion:101 Resp: 54339  
 Ion Ratio Lower Upper  
 101 100  
 103 62.7 50.2 75.4

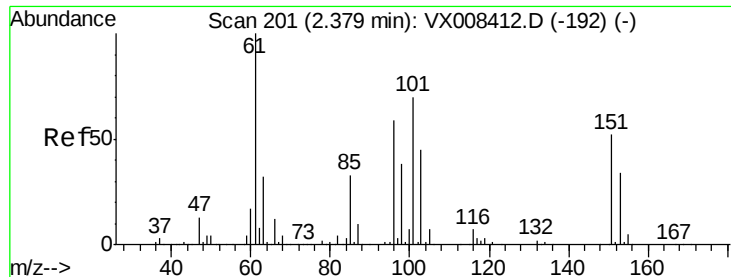


#8

Diethyl Ether  
 Concen: 17.214 ug/l  
 RT: 2.18 min Scan# 169  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion: 74 Resp: 26570  
 Ion Ratio Lower Upper  
 74 100  
 45 113.5 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.169 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

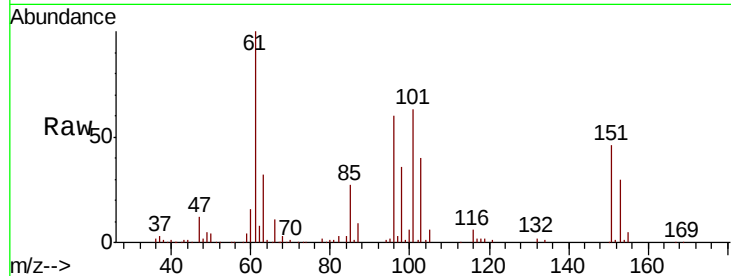
Tot Ion:101 Resp: 35813

Ion Ratio Lower Upper

101 100

85 43.5 36.0 54.0

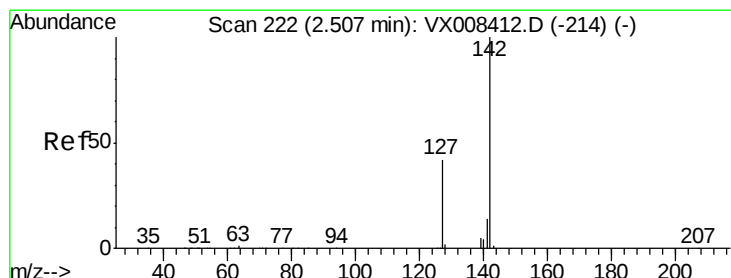
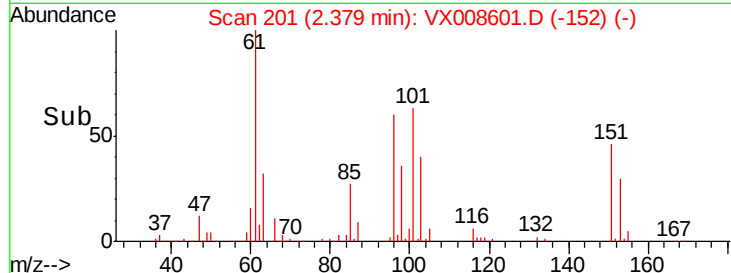
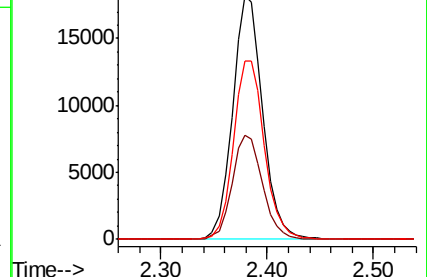
151 75.8 59.2 88.8



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: 16.912 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

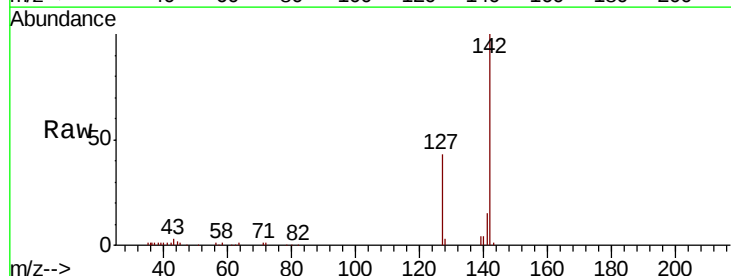
Tgt Ion:142 Resp: 26723

Ion Ratio Lower Upper

142 100

127 40.9 33.6 50.4

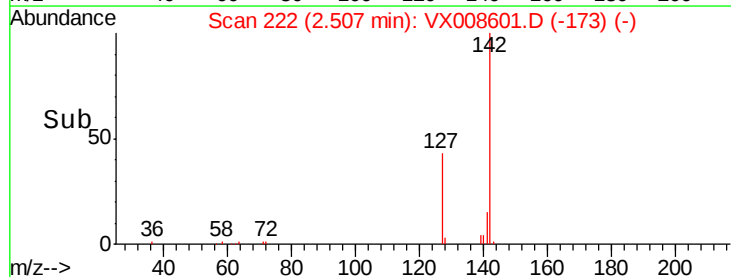
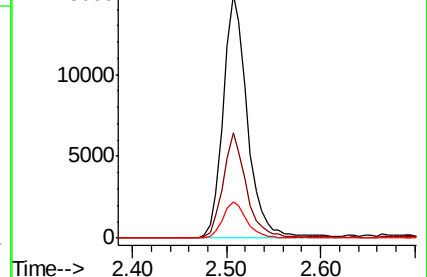
141 14.5 11.3 16.9

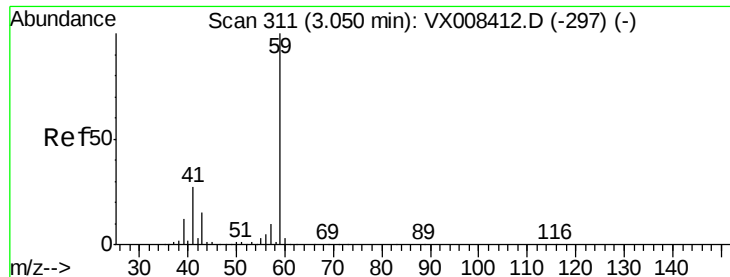


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

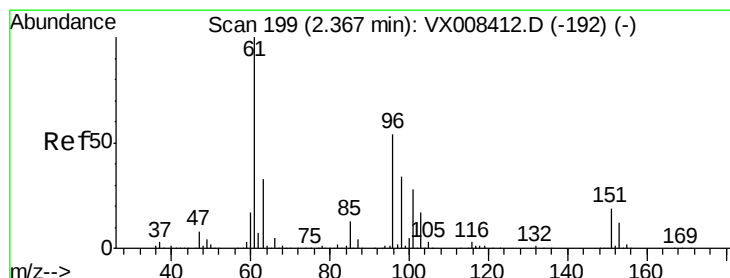
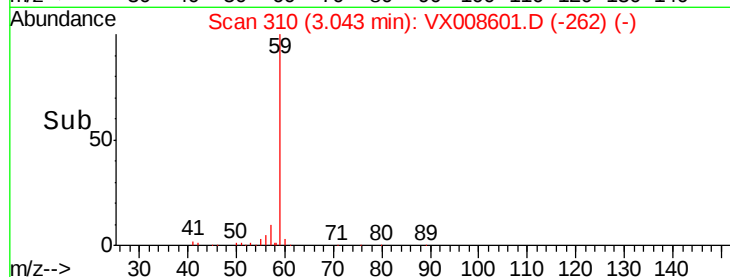
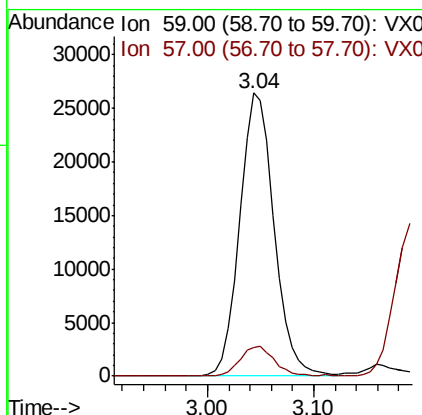
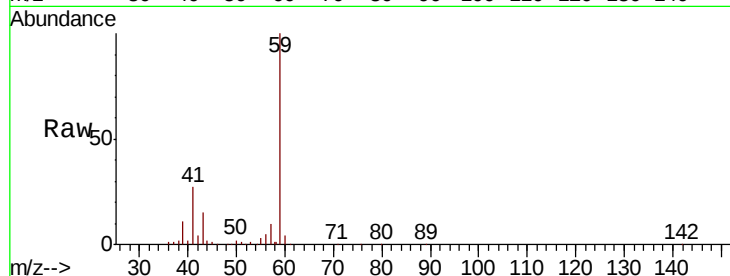




#11  
Tert butyl alcohol  
Concen: 102.052 ug/l  
RT: 3.04 min Scan# 310  
Delta R.T. -0.01 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

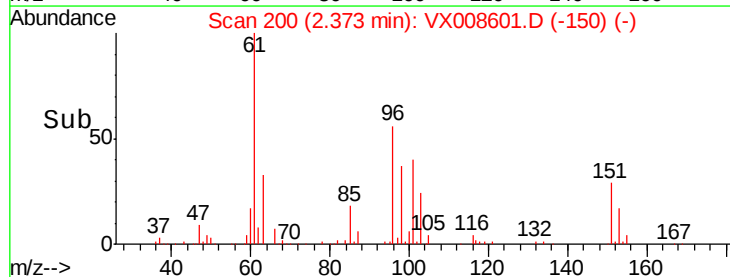
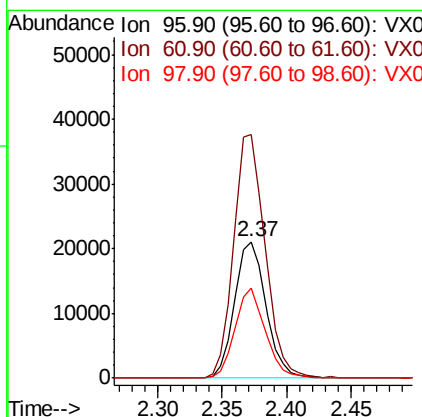
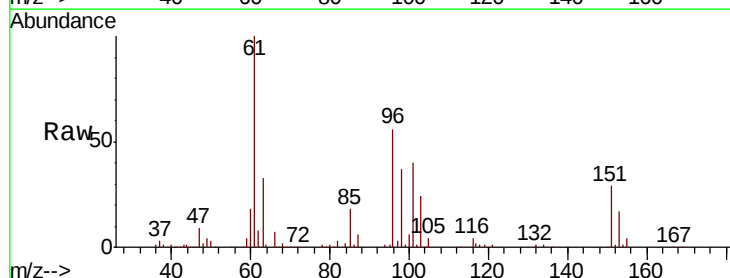
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

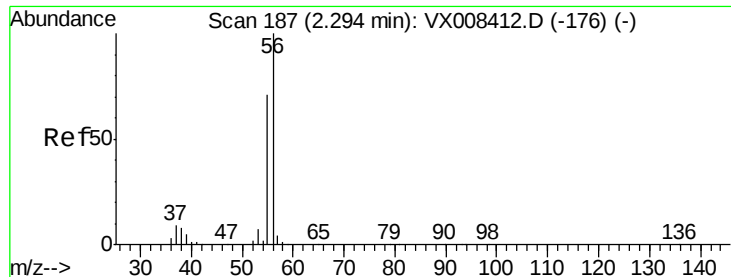
Tot Ion: 59 Resp: 59978  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 17.548 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.01 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion: 96 Resp: 35721  
Ion Ratio Lower Upper  
96 100  
61 178.5 146.9 220.3  
98 65.9 50.1 75.1





#13

Acrolein

Concen: 106.086 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

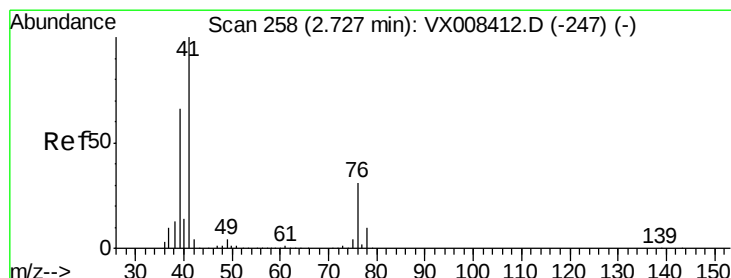
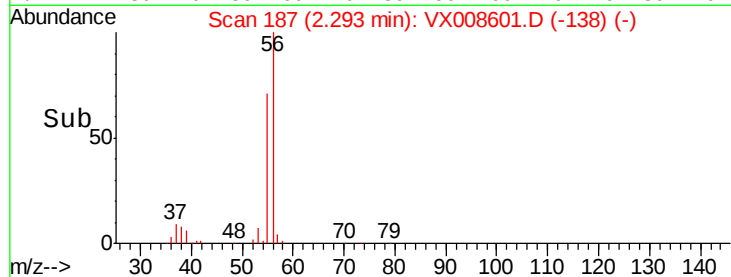
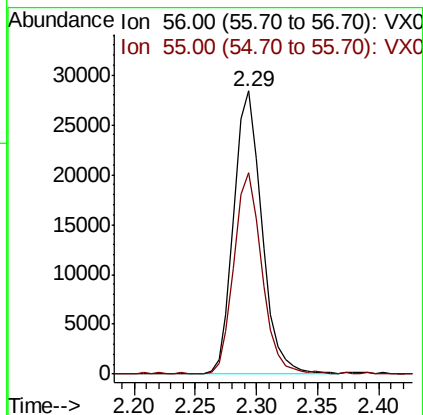
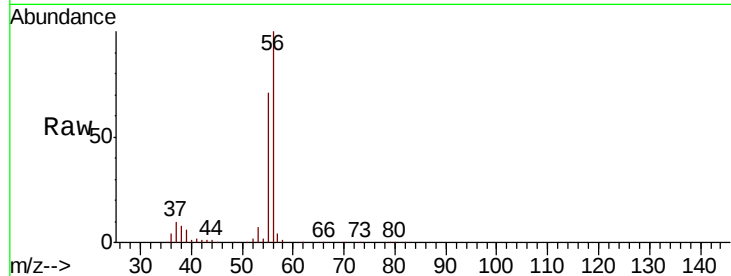
VX0402WBSD03

Tot Ion: 56 Resp: 45277

Ion Ratio Lower Upper

56 100

55 71.0 56.5 84.7



#14

Allyl chloride

Concen: 18.584 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

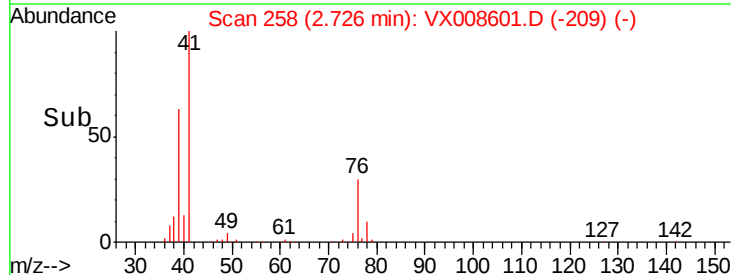
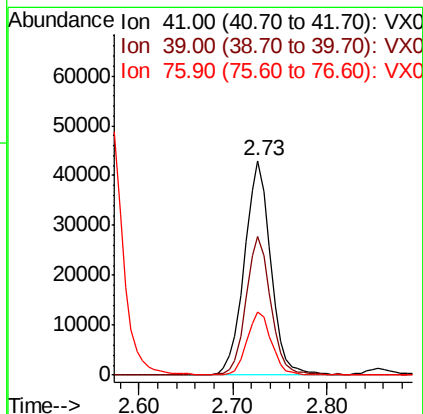
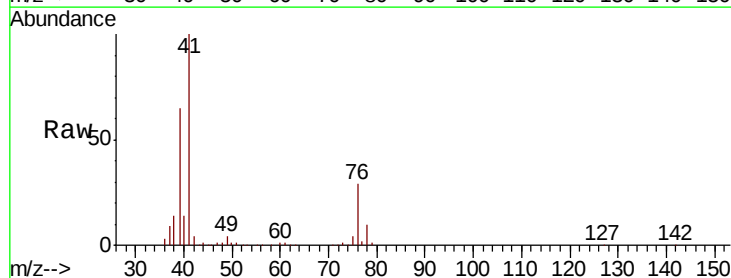
Tgt Ion: 41 Resp: 83343

Ion Ratio Lower Upper

41 100

39 61.2 49.6 74.4

76 27.6 22.6 34.0





#15

Acrylonitrile

Concen: 98.097 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

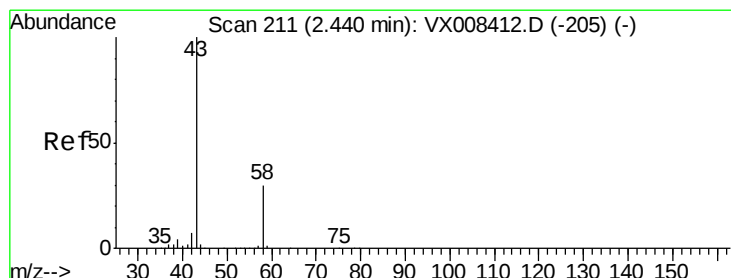
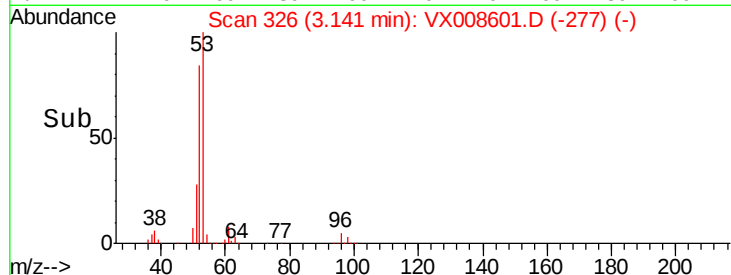
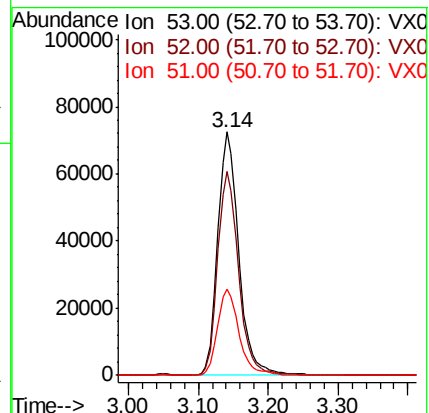
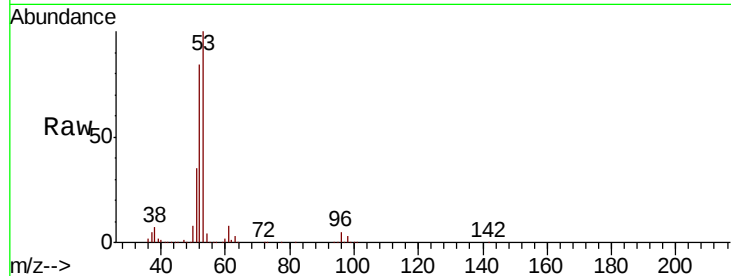
Tot Ion: 53 Resp: 151177

Ion Ratio Lower Upper

53 100

52 83.6 66.5 99.7

51 36.2 28.3 42.5



#16

Acetone

Concen: 101.439 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008601.D

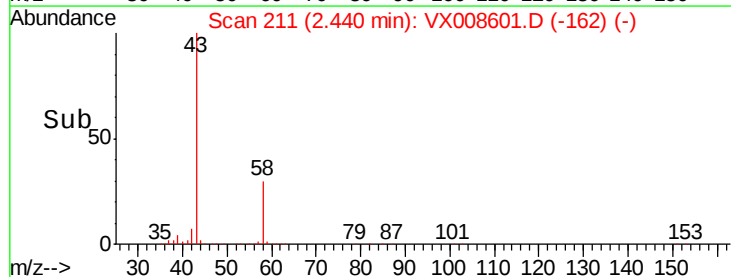
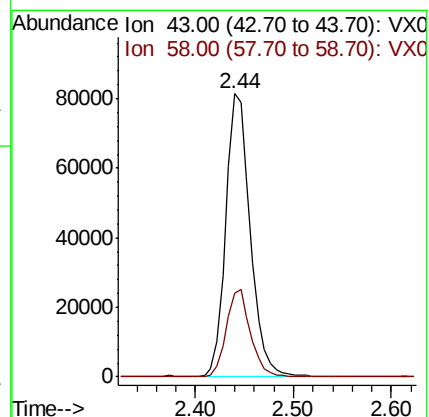
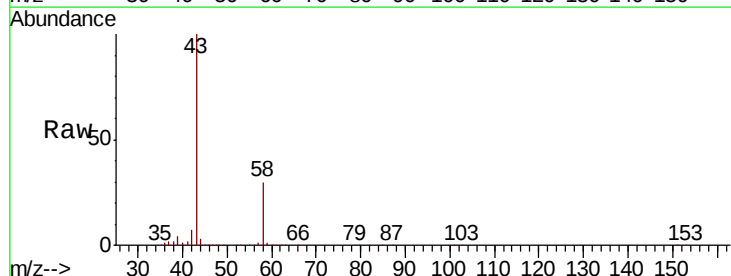
Acq: 02 Apr 2019 19:25

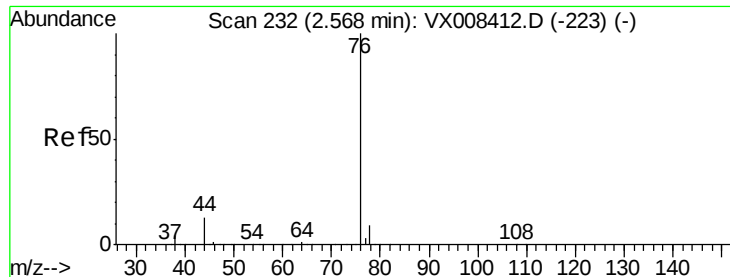
Tgt Ion: 43 Resp: 140638

Ion Ratio Lower Upper

43 100

58 29.6 24.2 36.2

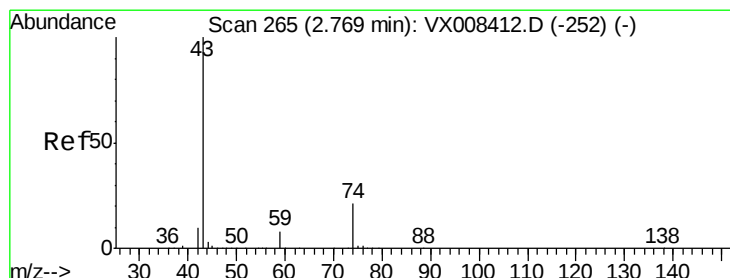
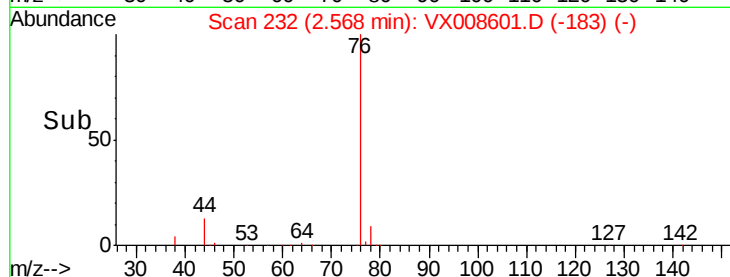
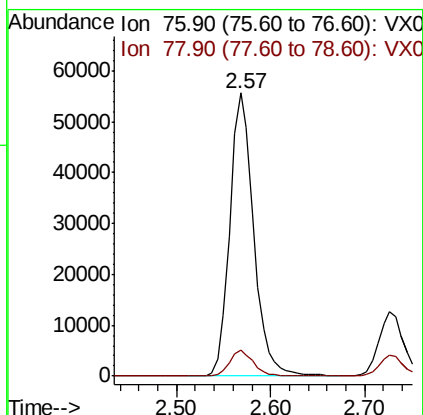
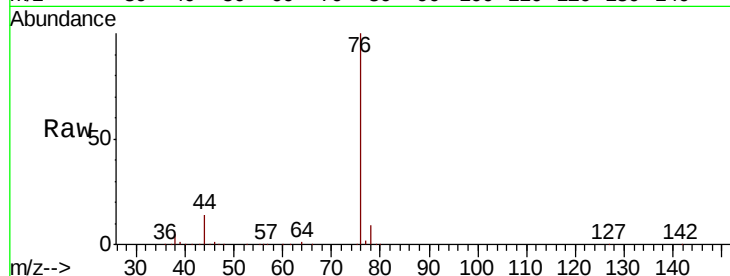




#17  
Carbon Disulfide  
Concen: 16.511 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

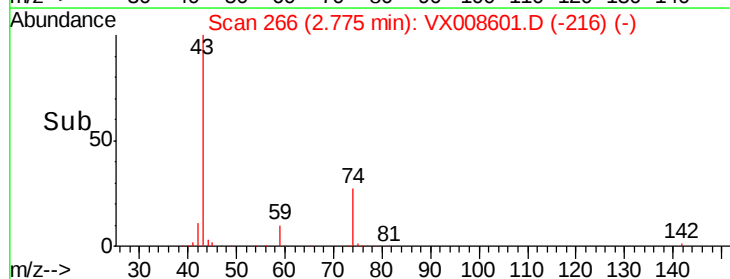
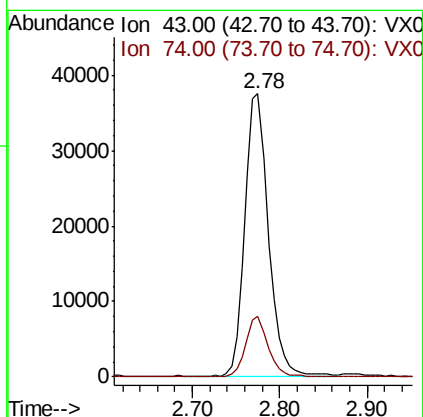
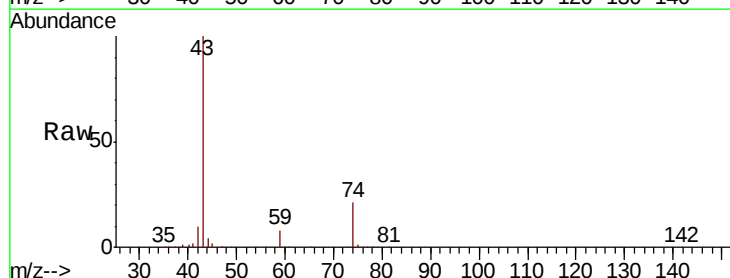
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

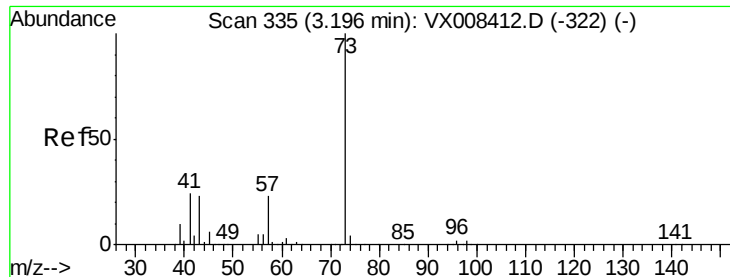
Tot Ion: 76 Resp: 97936  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.2



#18  
Methyl Acetate  
Concen: 21.038 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.01 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion: 43 Resp: 70052  
Ion Ratio Lower Upper  
43 100  
74 19.8 16.7 25.1

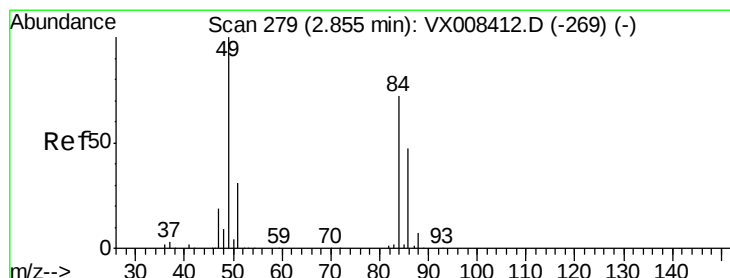
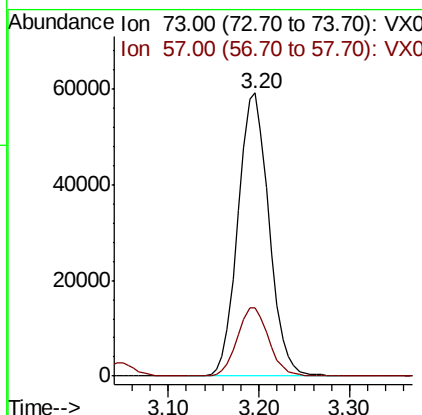
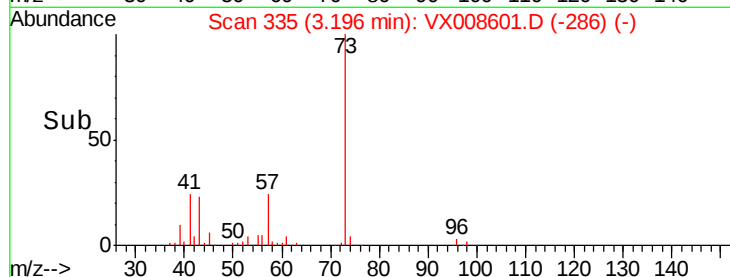
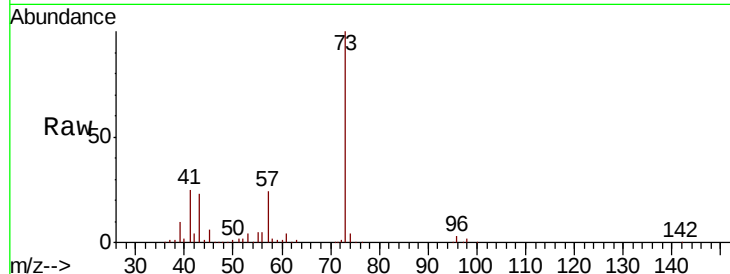




#19  
Methyl tert-butyl Ether  
Concen: 19.124 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

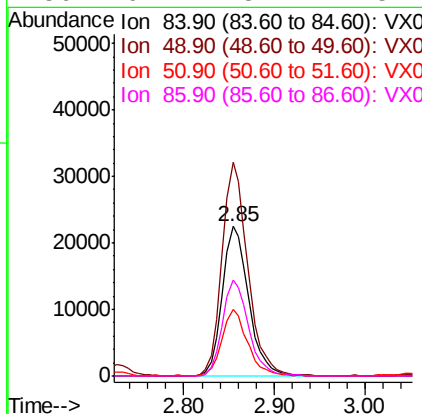
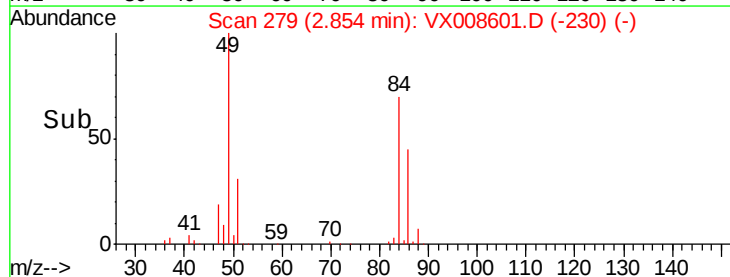
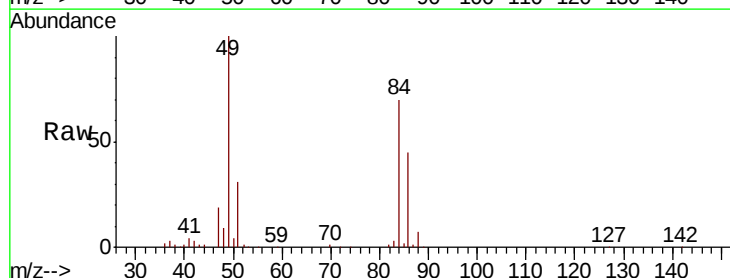
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

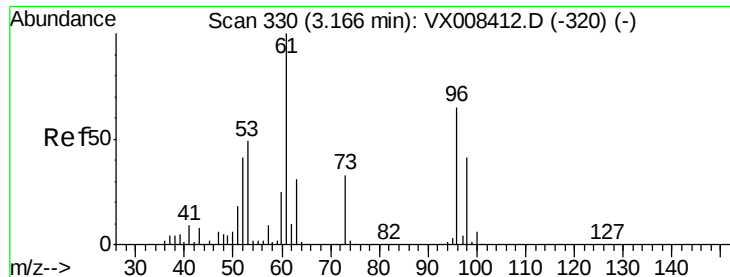
Tot Ion: 73 Resp: 140285  
Ion Ratio Lower Upper  
73 100  
57 24.0 18.6 28.0



#20  
Methylene Chloride  
Concen: 19.756 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion: 84 Resp: 45578  
Ion Ratio Lower Upper  
84 100  
49 142.5 110.6 165.8  
51 44.3 33.9 50.9  
86 64.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.897 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

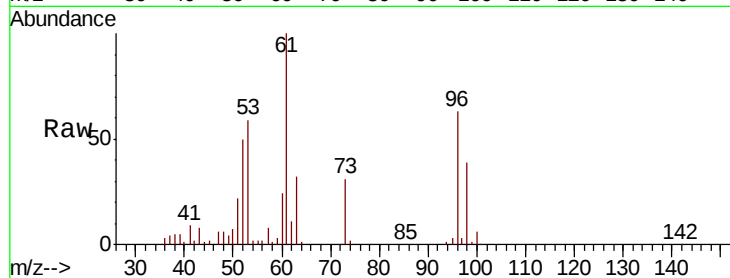
Tot Ion: 96 Resp: 38673

Ion Ratio Lower Upper

96 100

61 159.8 122.6 184.0

98 63.1 50.9 76.3

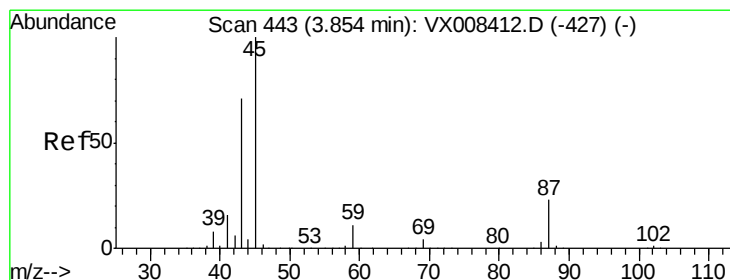
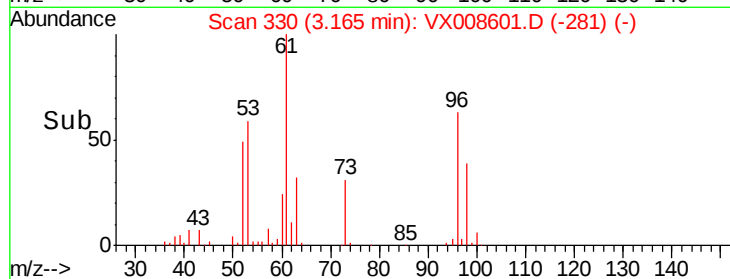
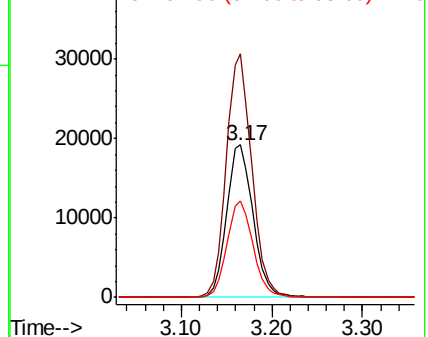


Abundance

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: 19.388 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion: 45 Resp: 171211

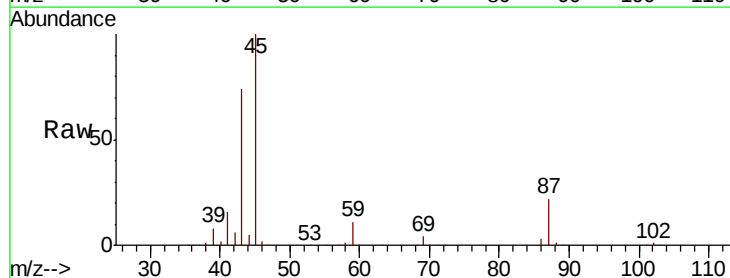
Ion Ratio Lower Upper

45 100

43 73.7 57.1 85.7

87 22.4 18.8 28.2

59 10.8 8.7 13.1



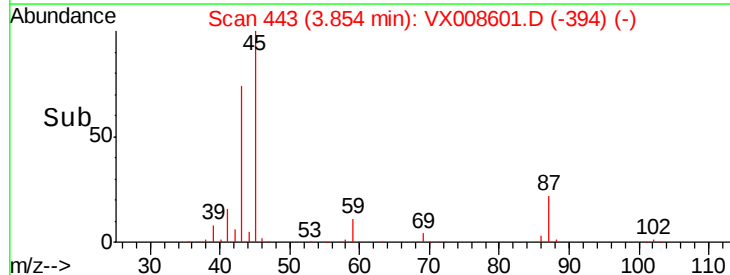
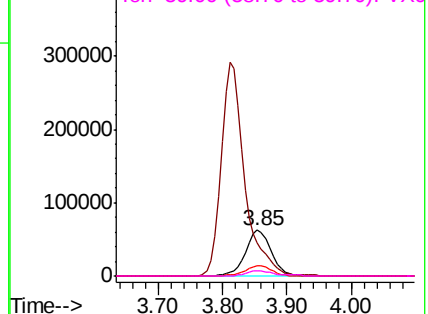
Abundance

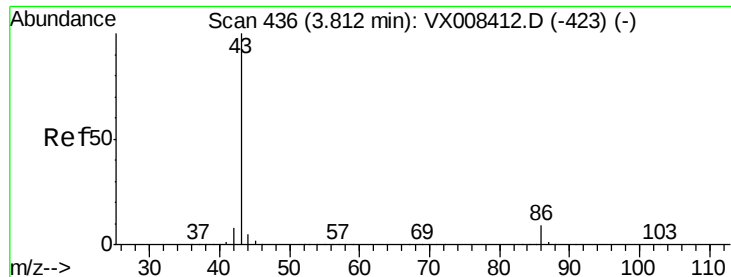
Ion 45.00 (44.70 to 45.70): VX0

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: 97.418 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

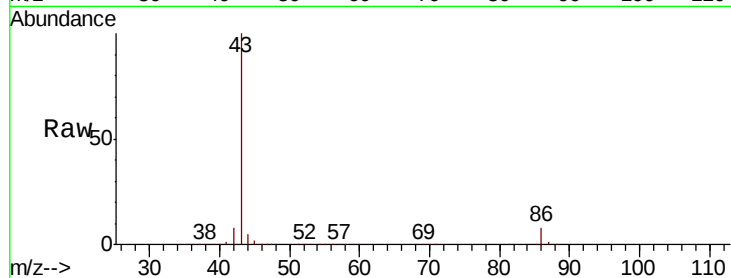
VX0402WBSD03

Tot Ion: 43 Resp: 750526

Ion Ratio Lower Upper

43 100

86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

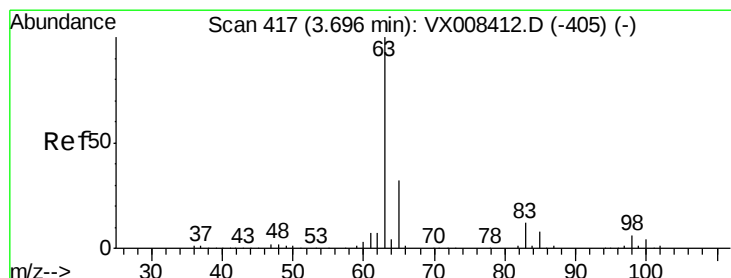
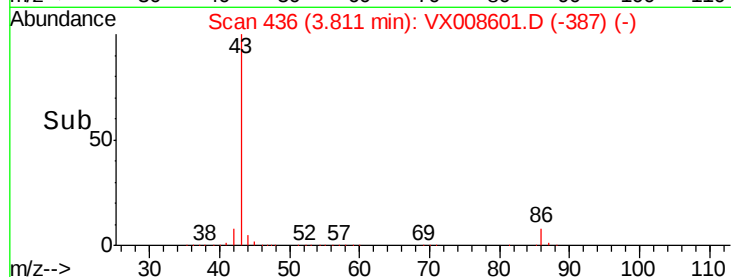
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 18.652 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

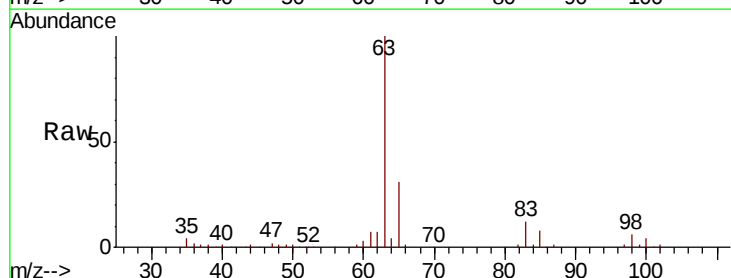
Tgt Ion: 63 Resp: 83152

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

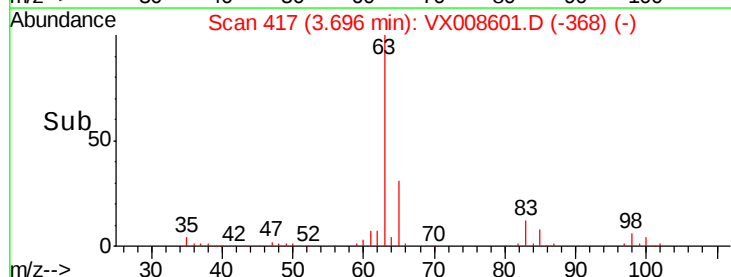
30000

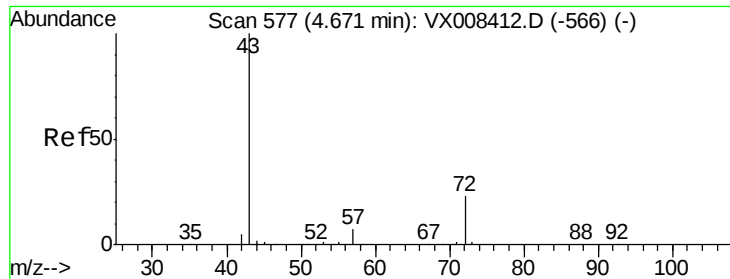
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 100.450 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

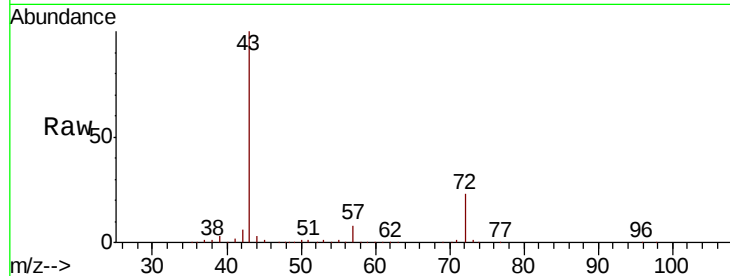
VX0402WBSD03

Tot Ion: 43 Resp: 223270

Ion Ratio Lower Upper

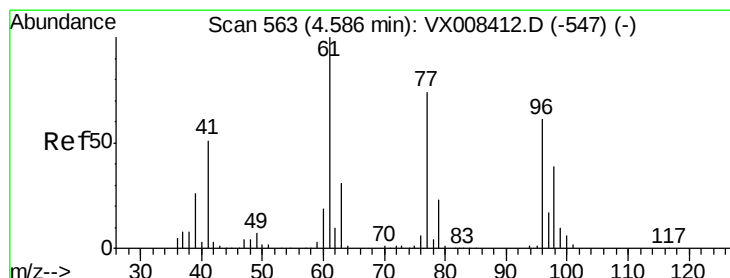
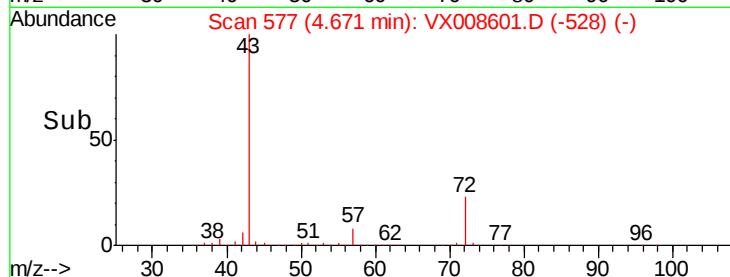
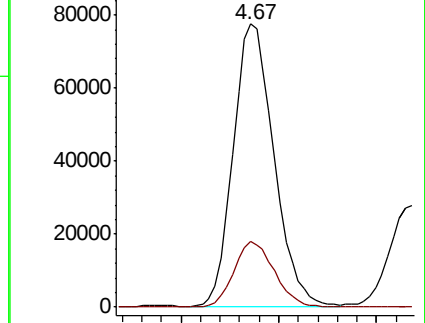
43 100

72 23.2 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.616 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008601.D

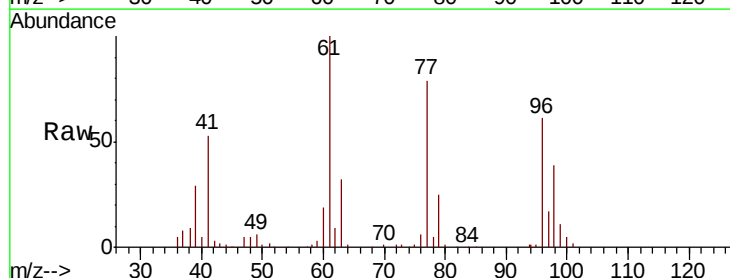
Acq: 02 Apr 2019 19:25

Tgt Ion: 77 Resp: 58165

Ion Ratio Lower Upper

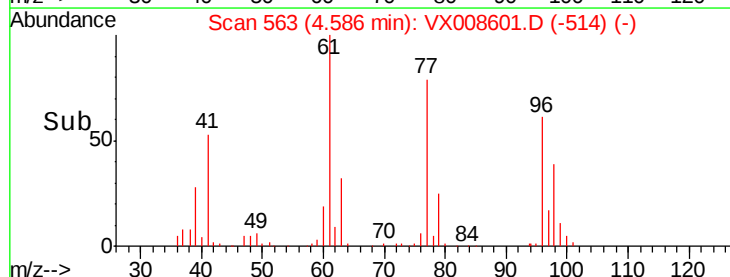
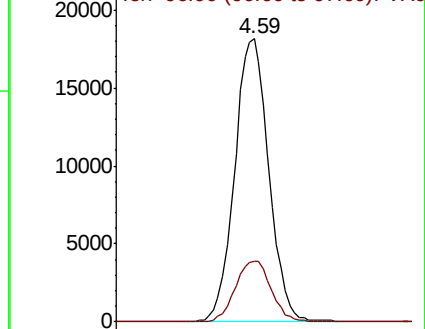
77 100

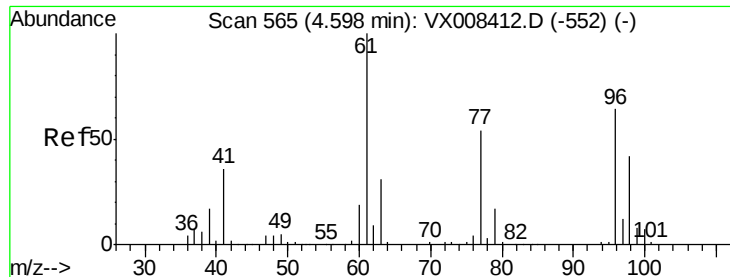
97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



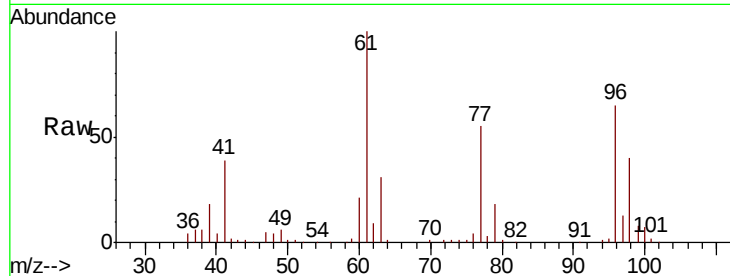


#27

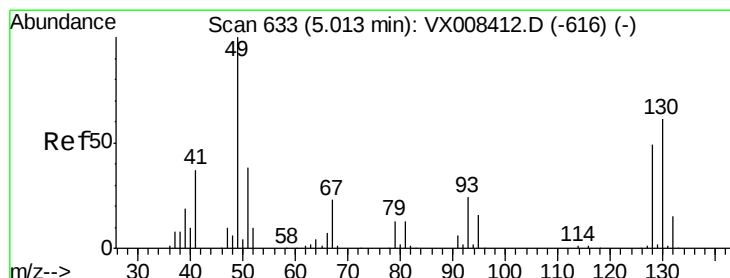
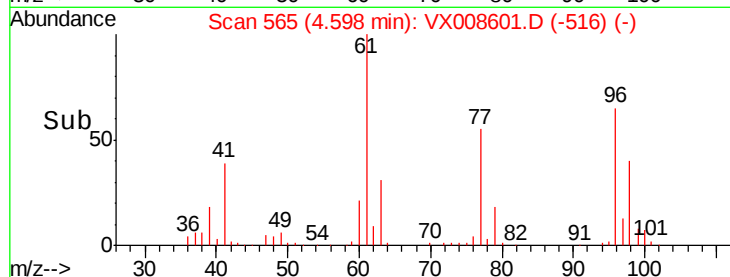
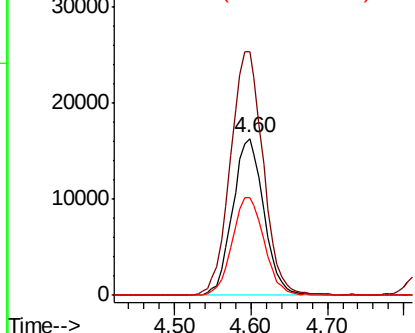
cis-1,2-Dichloroethene  
 Concen: 18.583 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 163.0 | 0.0   | 325.6 |
| 98      | 63.9  | 0.0   | 130.0 |



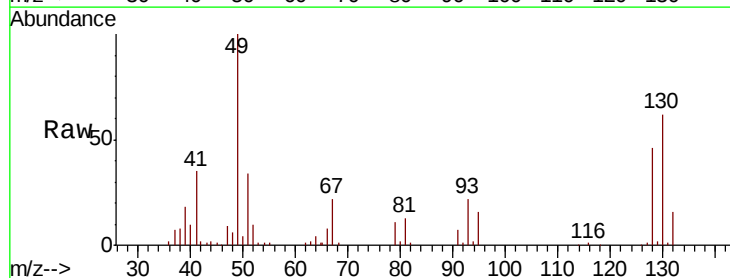
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



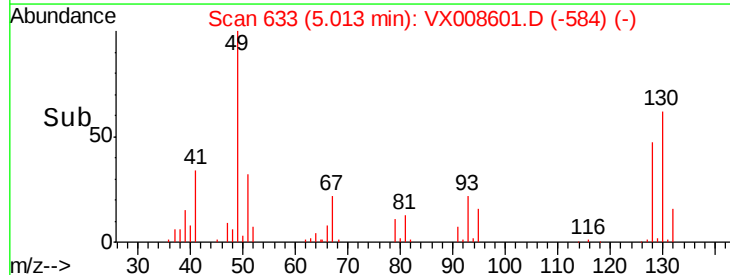
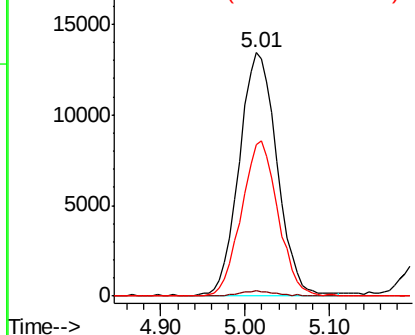
#28

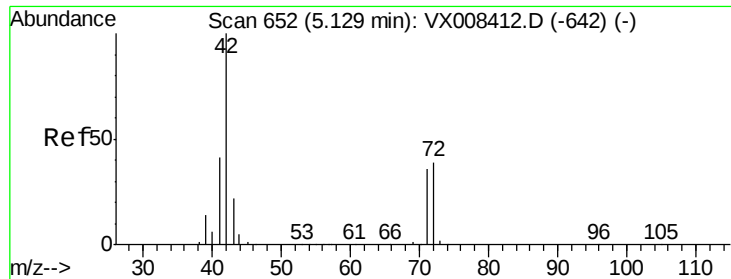
Bromochloromethane  
 Concen: 18.635 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.9   | 0.0   | 3.4   |
| 130     | 61.2  | 49.8  | 74.6  |



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: 99.010 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

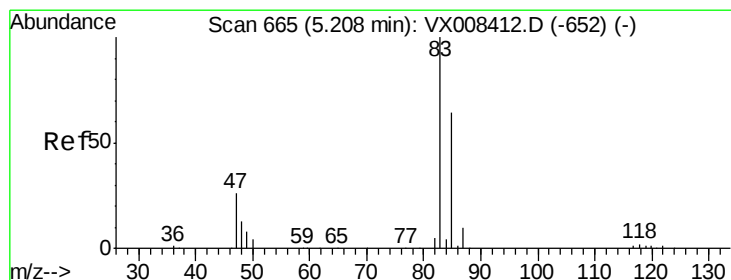
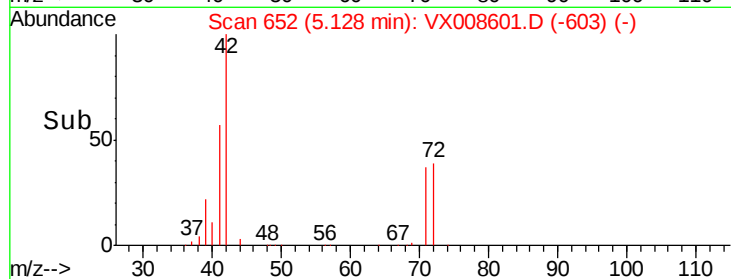
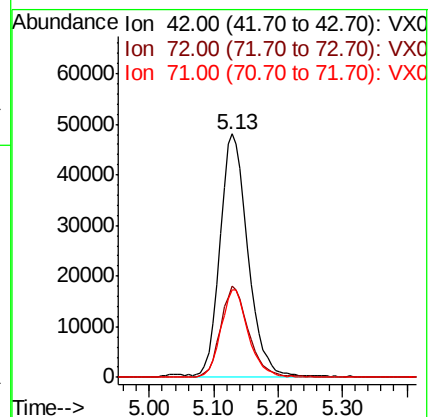
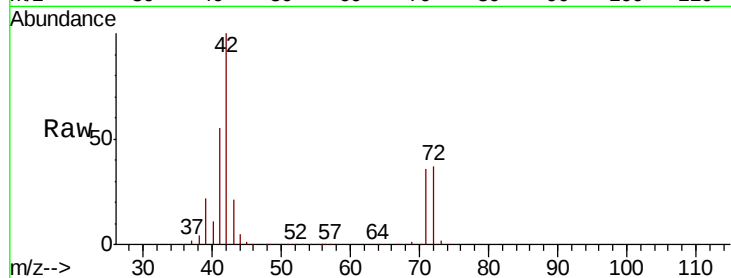
Tot Ion: 42 Resp: 145041

Ion Ratio Lower Upper

42 100

72 38.3 31.4 47.2

71 35.8 29.4 44.2



#30

Chloroform

Concen: 18.775 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008601.D

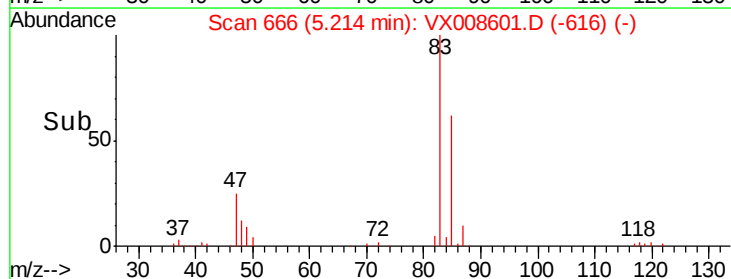
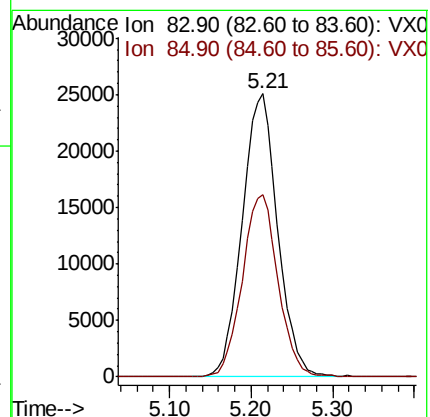
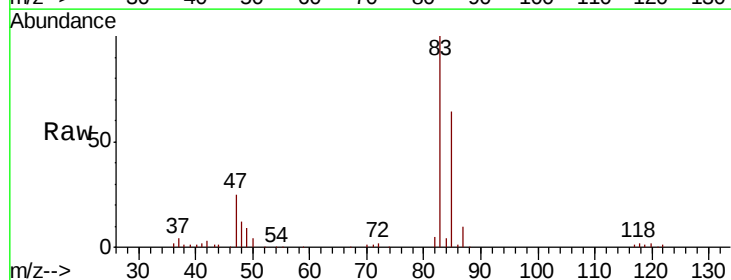
Acq: 02 Apr 2019 19:25

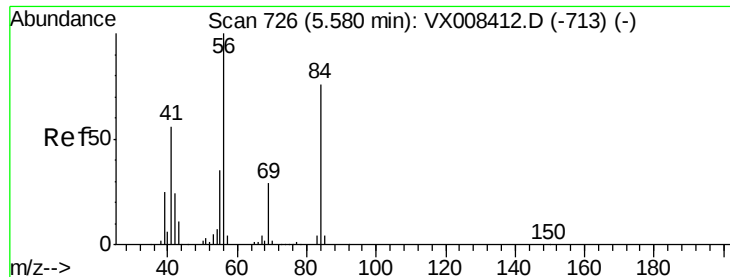
Tgt Ion: 83 Resp: 75540

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.2





#31

Cyclohexane

Concen: 17.919 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

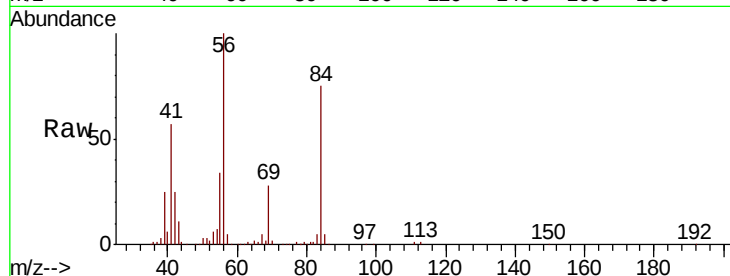
Tot Ion: 56 Resp: 76190

Ion Ratio Lower Upper

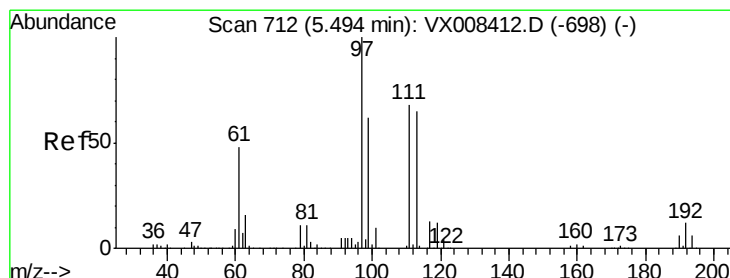
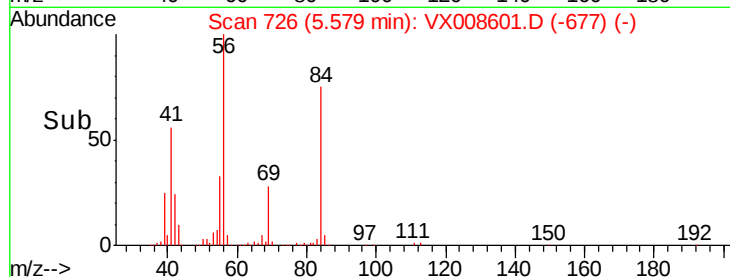
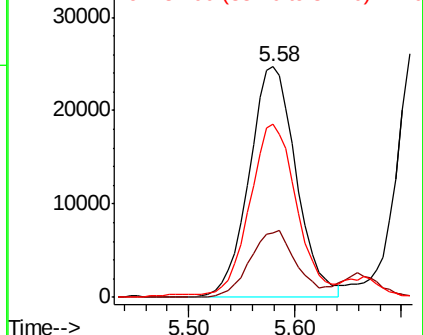
56 100

69 28.0 23.2 34.8

84 73.5 60.7 91.1



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.685 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

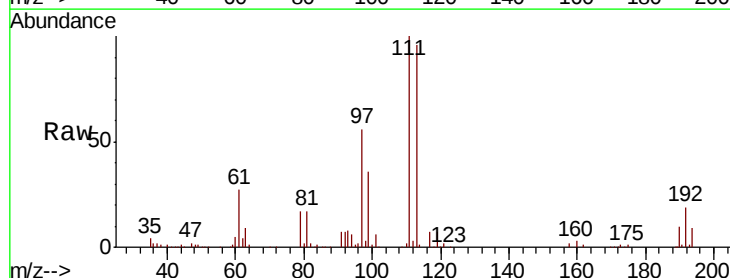
Tgt Ion: 97 Resp: 60090

Ion Ratio Lower Upper

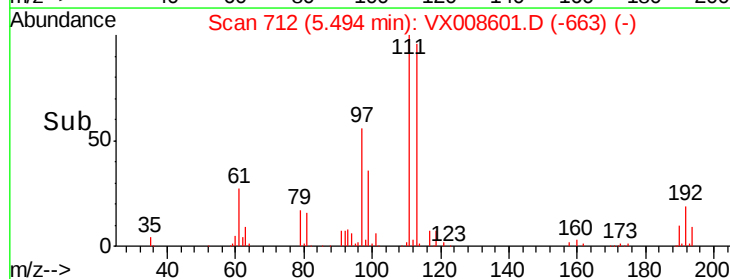
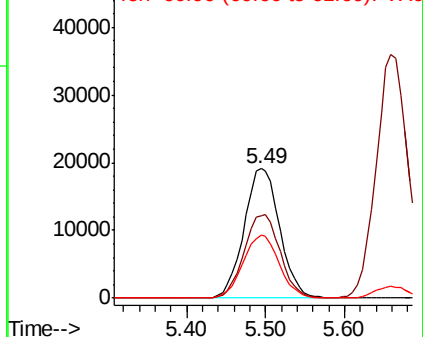
97 100

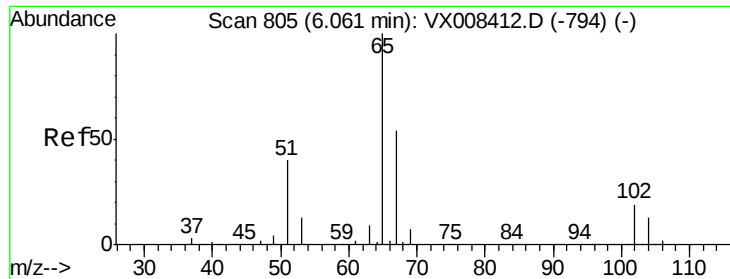
99 65.1 51.5 77.3

61 49.5 38.8 58.2



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

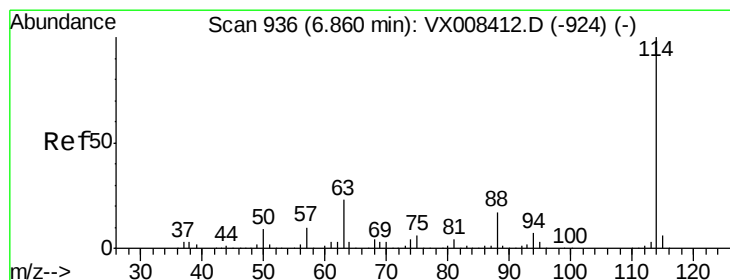
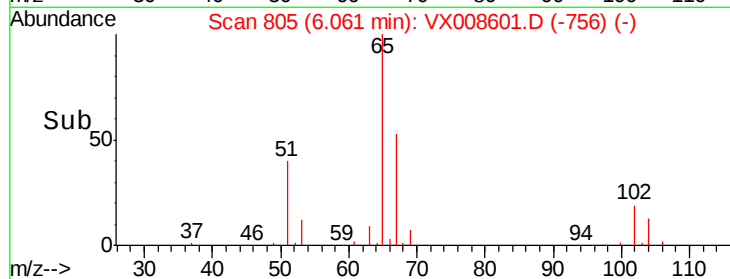
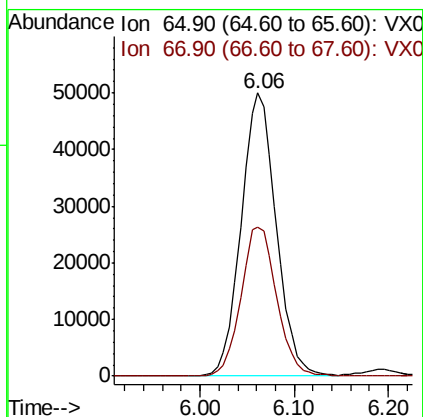
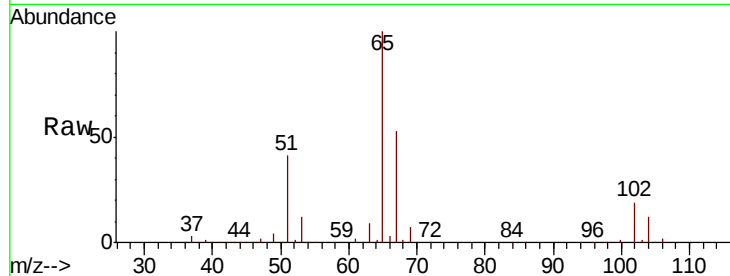




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.083 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

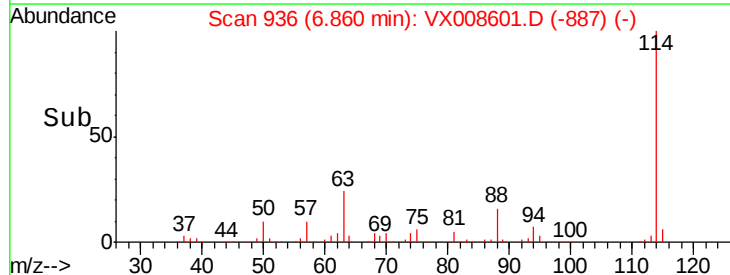
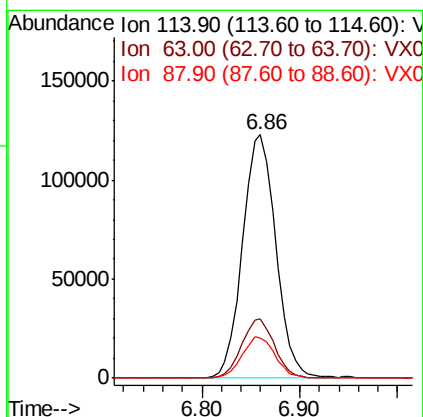
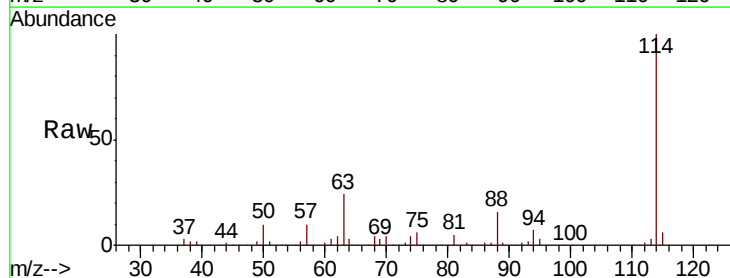
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

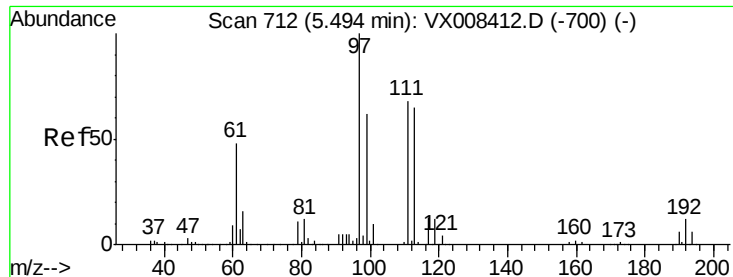
Tot Ion: 65 Resp: 130201  
 Ion Ratio Lower Upper  
 65 100  
 67 53.7 0.0 109.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion: 114 Resp: 291111  
 Ion Ratio Lower Upper  
 114 100  
 63 24.3 0.0 46.4  
 88 16.5 0.0 33.2

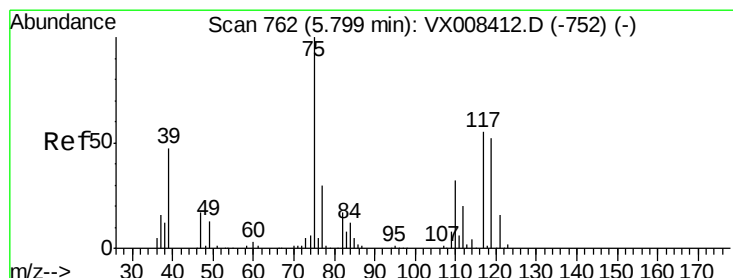
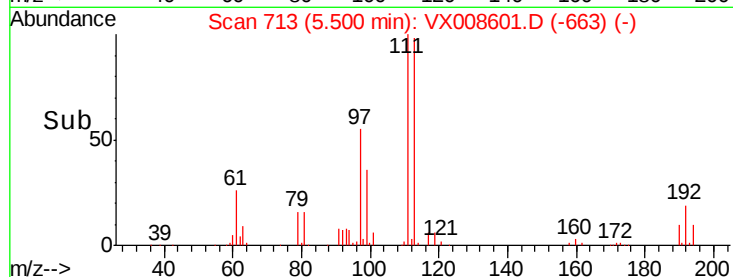
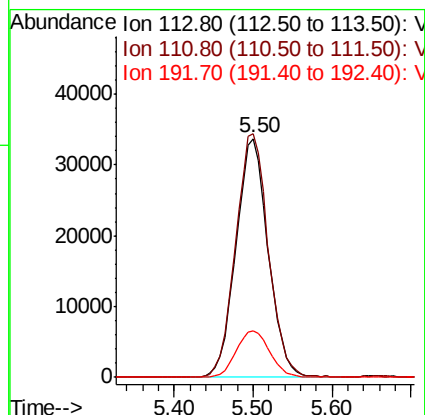
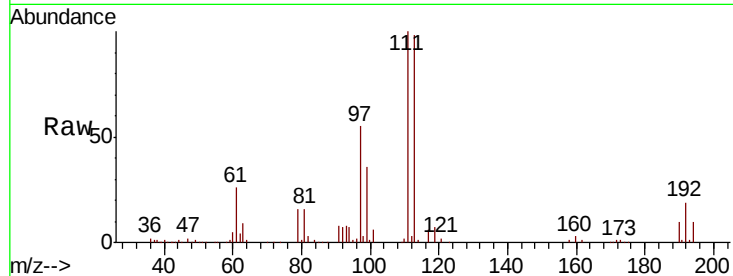




#35  
 Dibromofluoromethane  
 Concen: 50.476 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.01 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

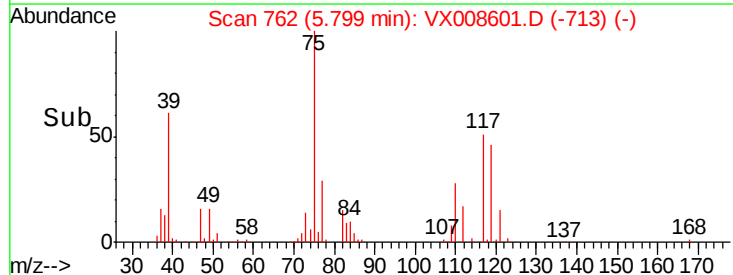
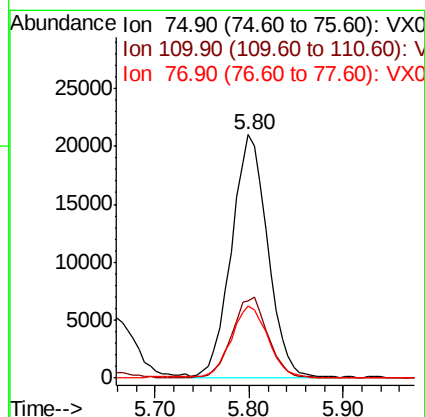
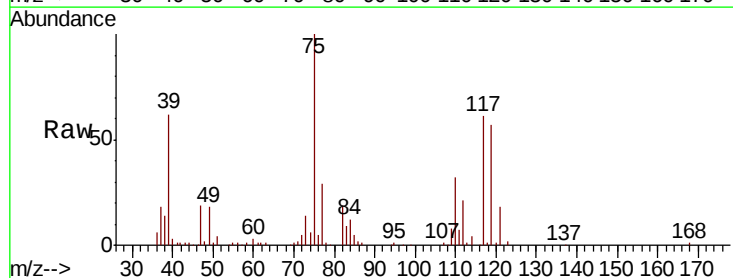
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

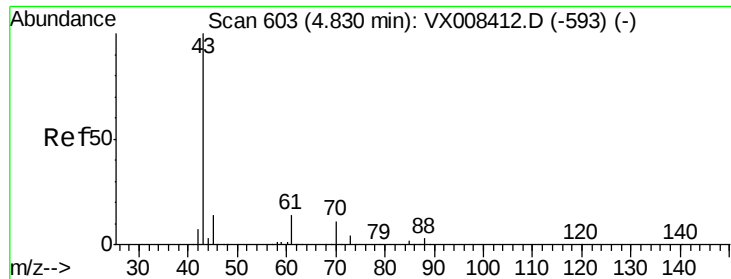
Tot Ion:113 Resp: 95812  
 Ion Ratio Lower Upper  
 113 100  
 111 103.6 83.0 124.4  
 192 20.3 15.6 23.4



#36  
 1,1-Dichloropropene  
 Concen: 18.039 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion: 75 Resp: 55992  
 Ion Ratio Lower Upper  
 75 100  
 110 33.5 16.6 49.7  
 77 30.5 24.2 36.2

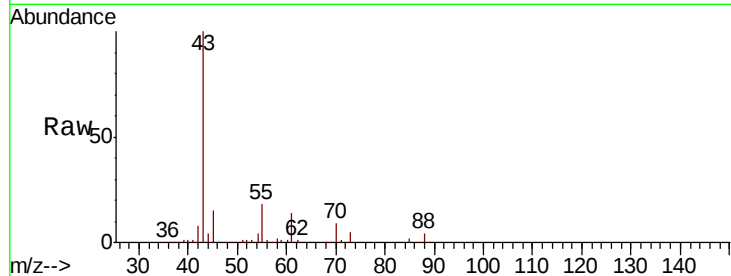




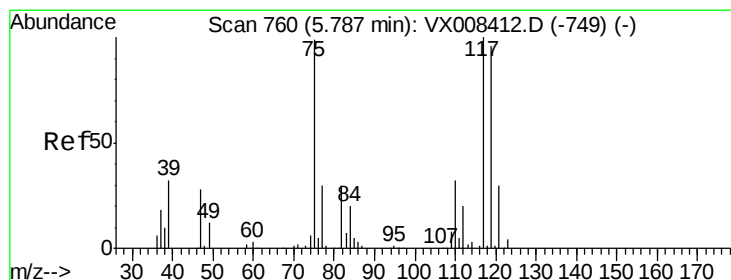
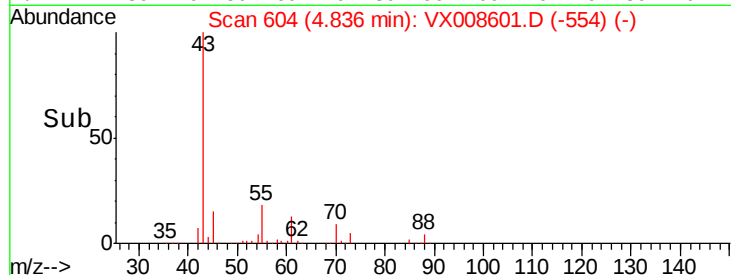
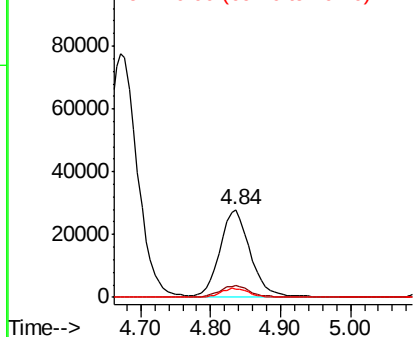
#37  
Ethyl Acetate  
Concen: 20.681 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.01 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0402WBSD03

Tot Ion: 43 Resp: 83157  
Ion Ratio Lower Upper  
43 100  
61 13.2 10.5 15.7  
70 9.8 7.8 11.8

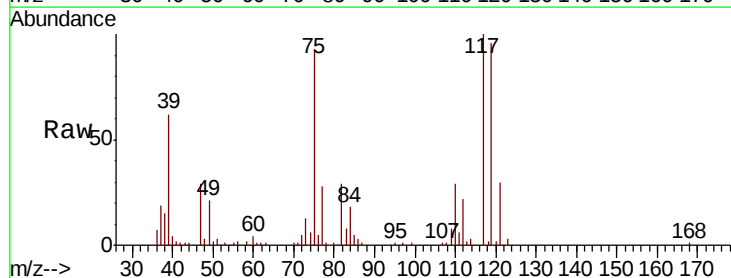


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

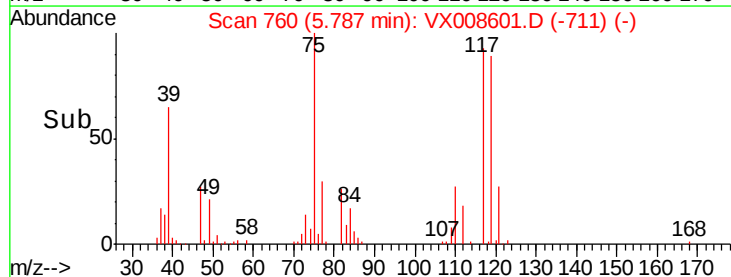
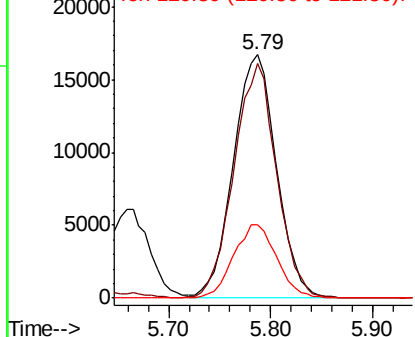


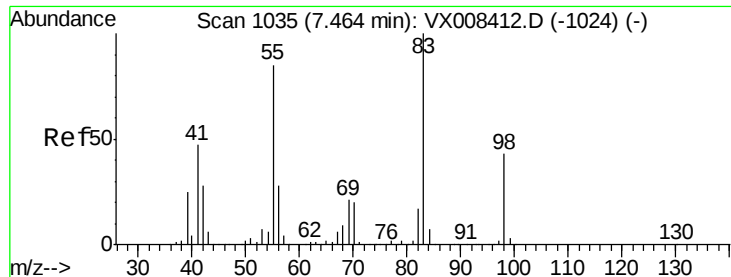
#38  
Carbon Tetrachloride  
Concen: 18.967 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion: 117 Resp: 49129  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.7 115.1  
121 30.1 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

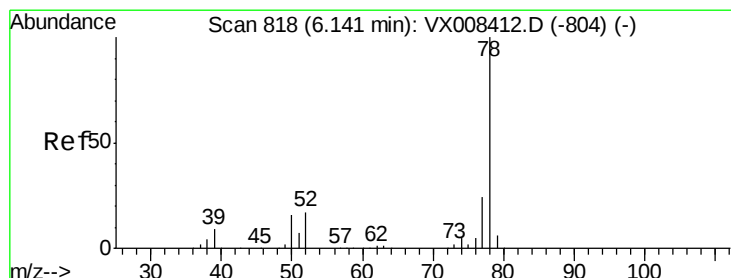
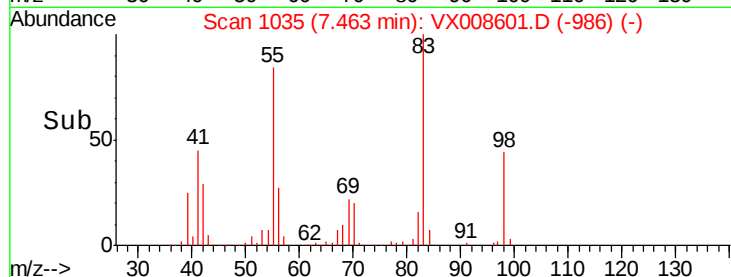
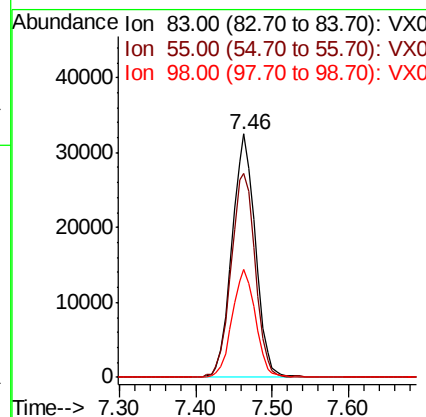
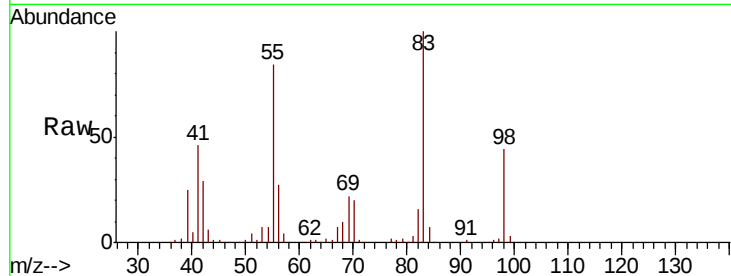




#39  
Methvlcvclohexane  
Concen: 18.578 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

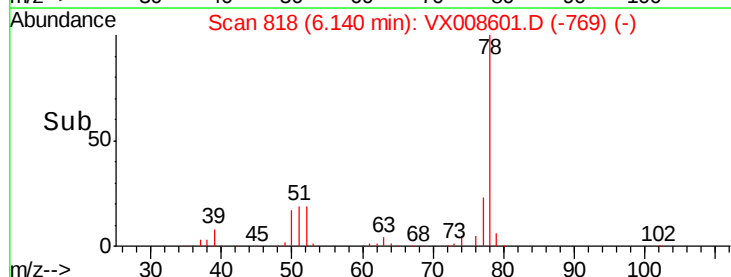
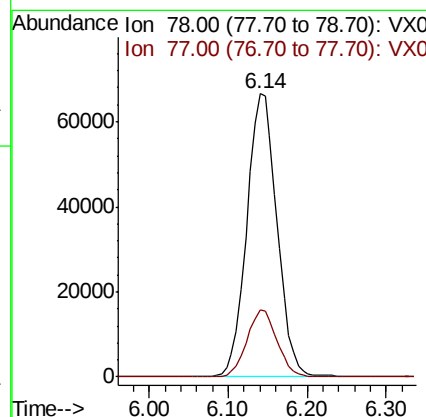
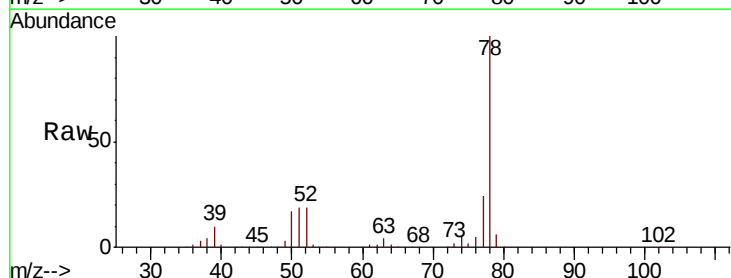
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

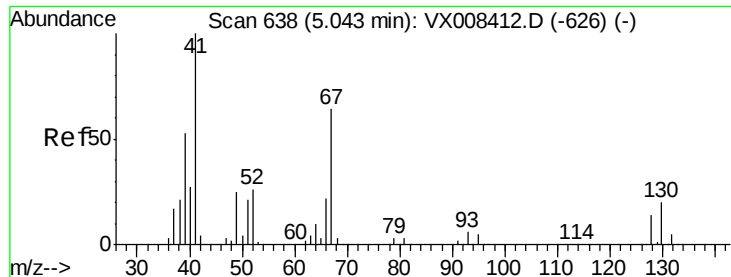
Tot Ion: 83 Resp: 68913  
Ion Ratio Lower Upper  
83 100  
55 84.0 68.2 102.4  
98 44.4 34.2 51.4



#40  
Benzene  
Concen: 19.082 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion: 78 Resp: 177318  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.3 28.9





#41

Methacrylonitrile

Concen: 20.345 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 41 Resp: 45974

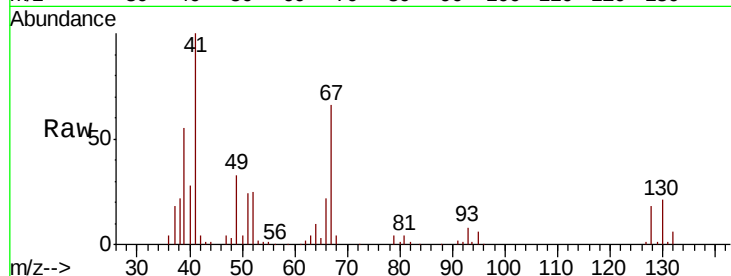
Ion Ratio Lower Upper

41 100

39 53.2 42.6 64.0

67 65.8 52.2 78.4

52 27.9 21.4 32.0

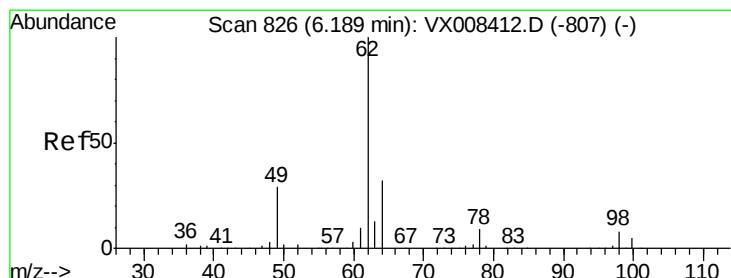
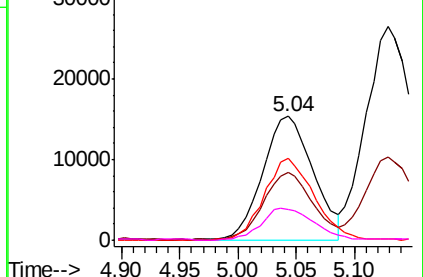
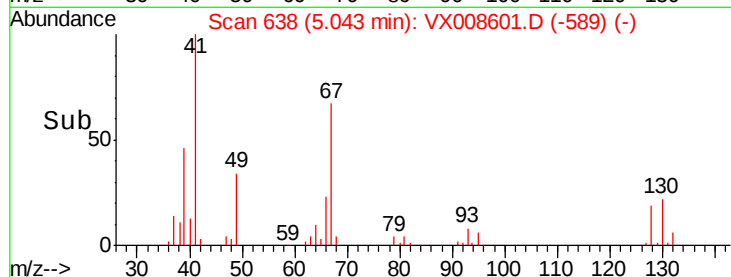


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.802 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX008601.D

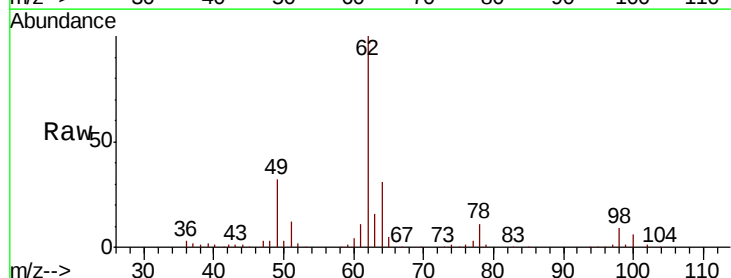
Acq: 02 Apr 2019 19:25

Tgt Ion: 62 Resp: 63969

Ion Ratio Lower Upper

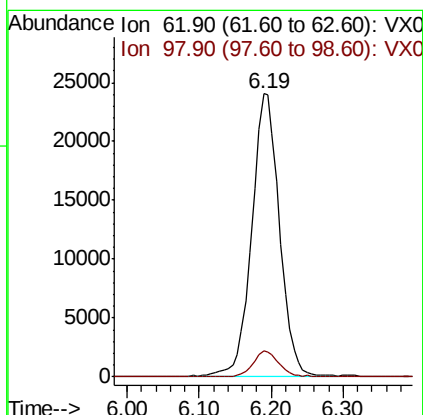
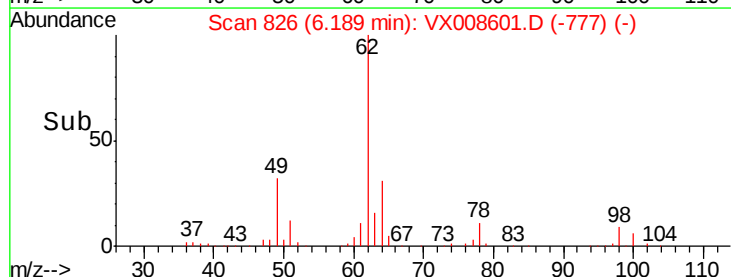
62 100

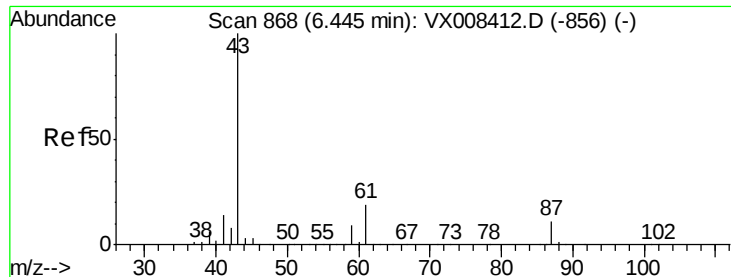
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



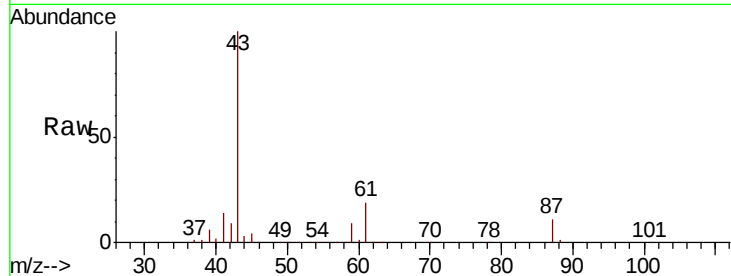


#43

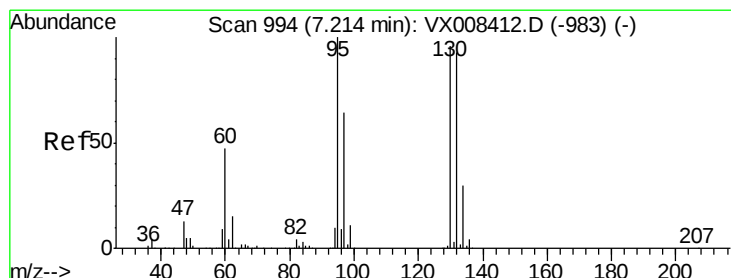
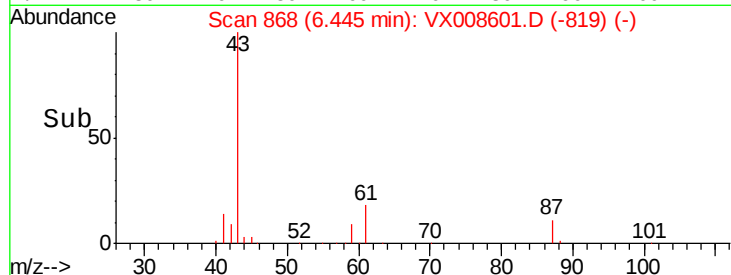
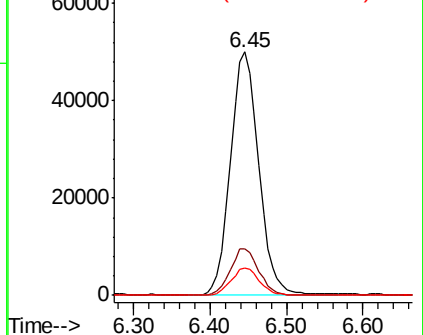
Isopropyl Acetate  
 Concen: 19.883 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

Tot Ion: 43 Resp: 127882  
 Ion Ratio Lower Upper  
 43 100  
 61 19.5 15.4 23.2  
 87 11.3 9.1 13.7



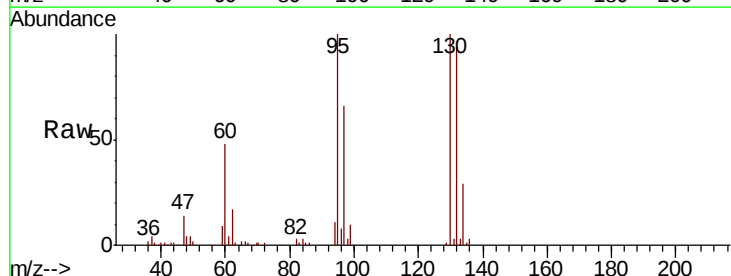
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



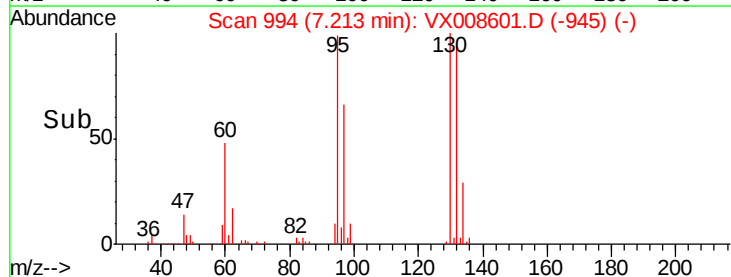
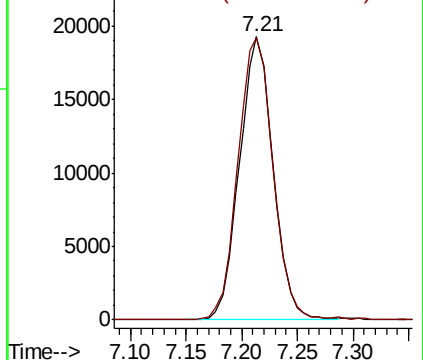
#44

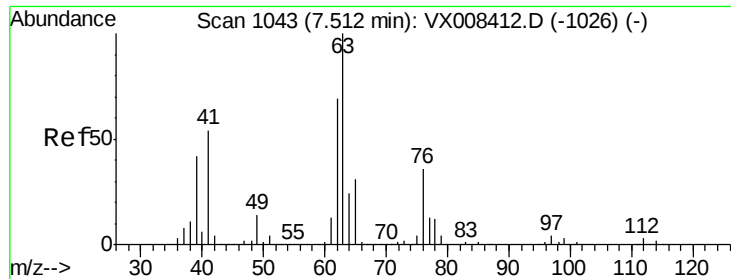
Trichloroethene  
 Concen: 18.550 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion:130 Resp: 40472  
 Ion Ratio Lower Upper  
 130 100  
 95 99.7 0.0 208.8



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





#45

1,2-Dichloropropane

Concen: 19.192 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

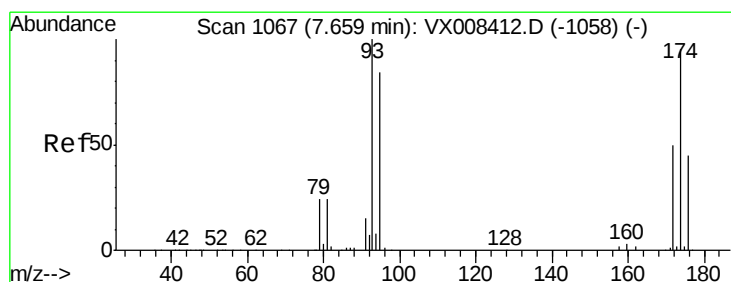
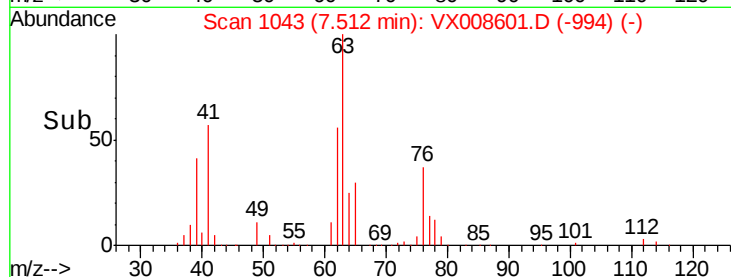
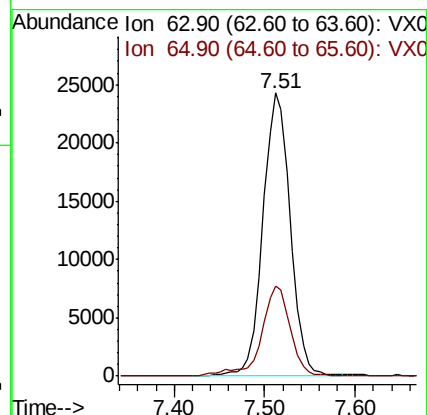
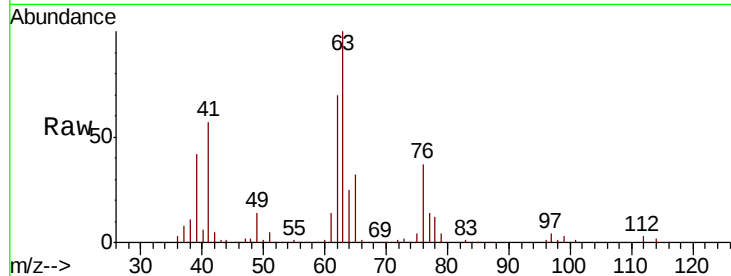
VX0402WBSD03

Tot Ion: 63 Resp: 50691

Ion Ratio Lower Upper

63 100

65 31.9 25.1 37.7



#46

Dibromomethane

Concen: 18.675 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

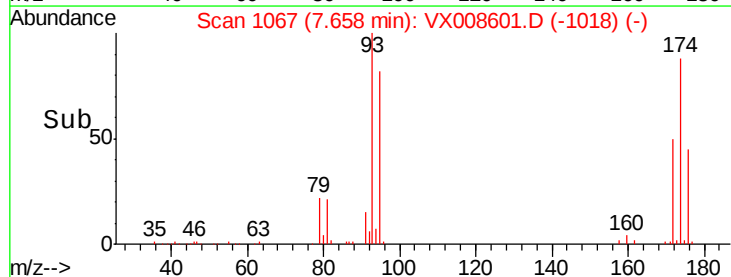
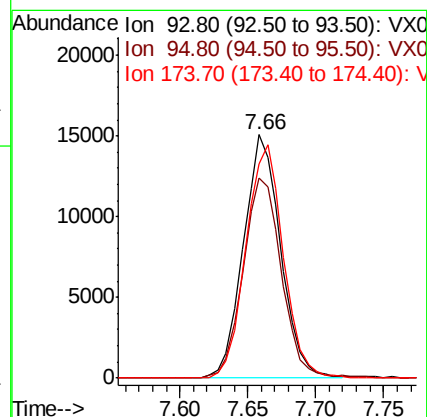
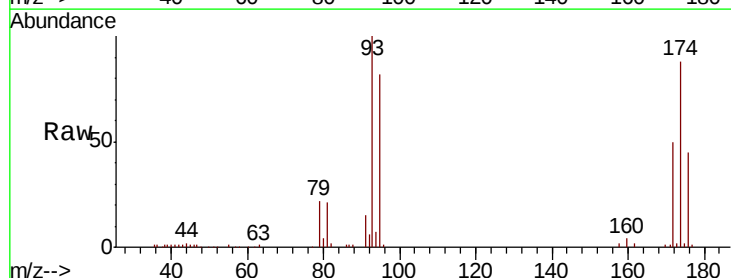
Tgt Ion: 93 Resp: 28804

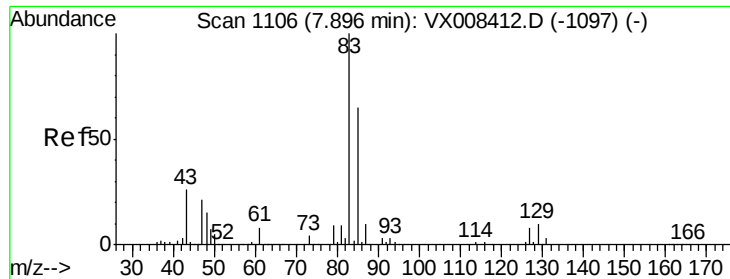
Ion Ratio Lower Upper

93 100

95 84.9 67.0 100.6

174 96.7 76.0 114.0





#47

Bromodichloromethane

Concen: 19.088 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

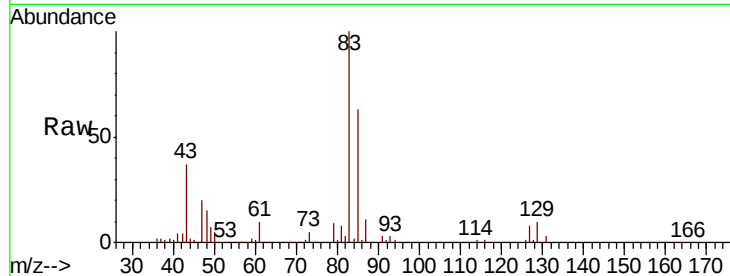
Tot Ion: 83 Resp: 56352

Ion Ratio Lower Upper

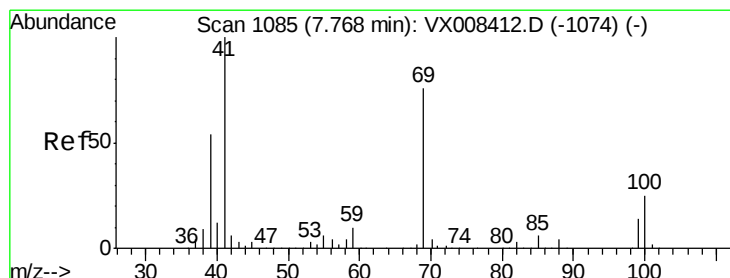
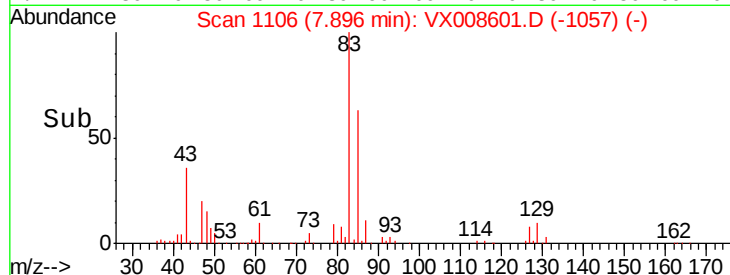
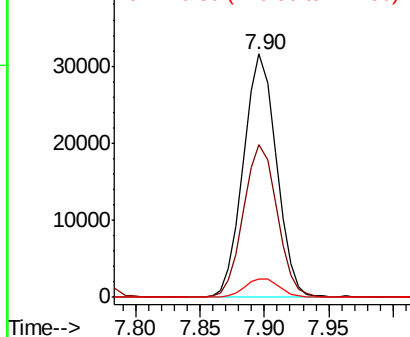
83 100

85 62.5 52.0 78.0

127 7.8 6.4 9.6



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: 20.170 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

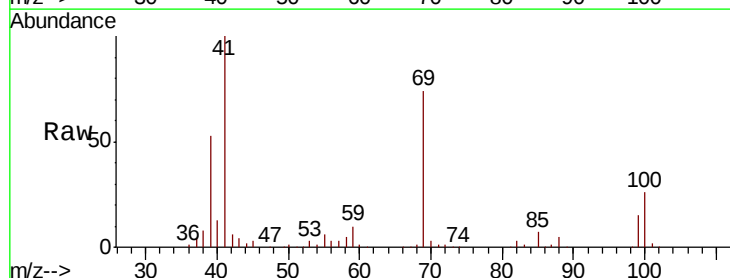
Tgt Ion: 41 Resp: 64909

Ion Ratio Lower Upper

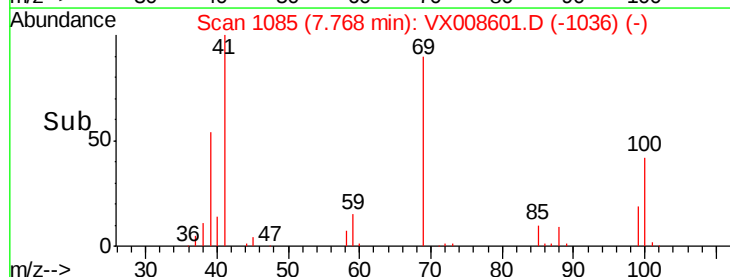
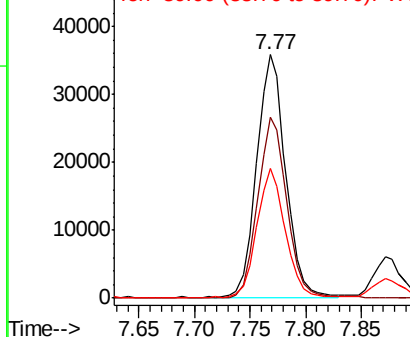
41 100

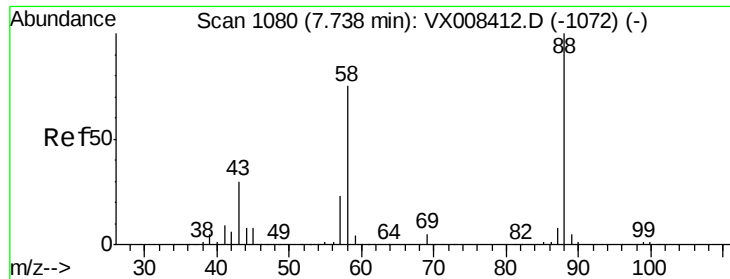
69 75.4 60.8 91.2

39 52.2 42.3 63.5



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

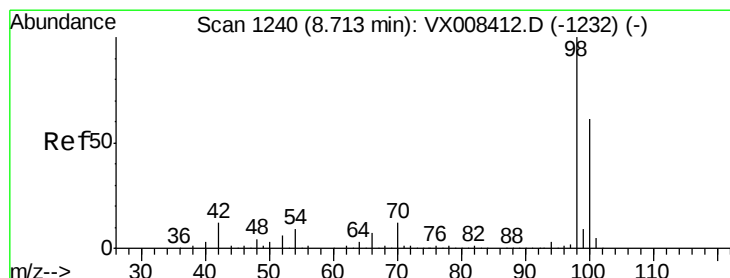
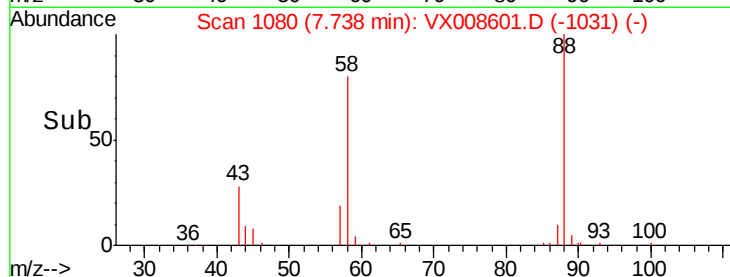
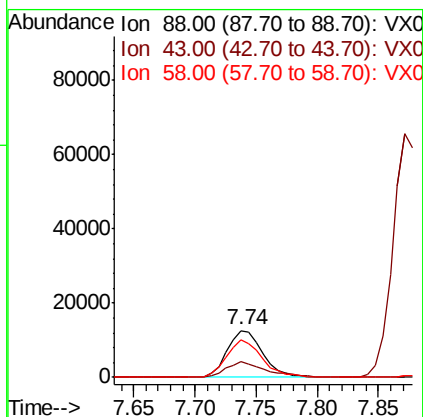
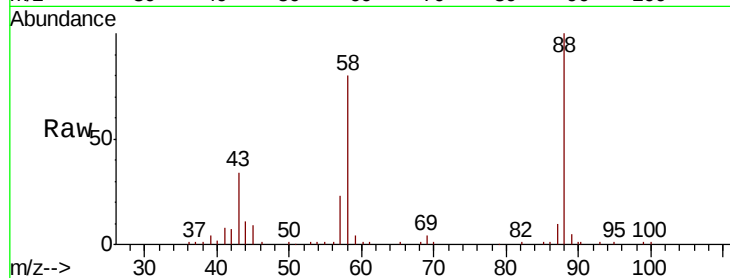




#49  
 1,4-Dioxane  
 Concen: 399.061 ug/l  
 RT: 7.74 min Scan# 1080  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

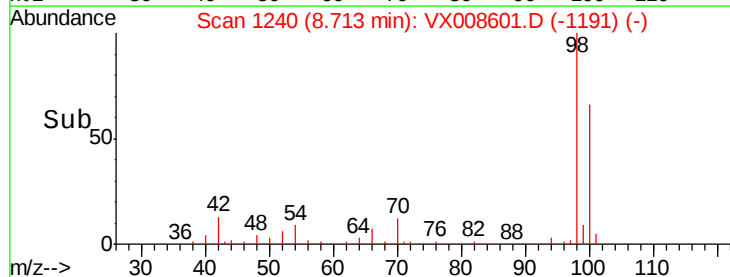
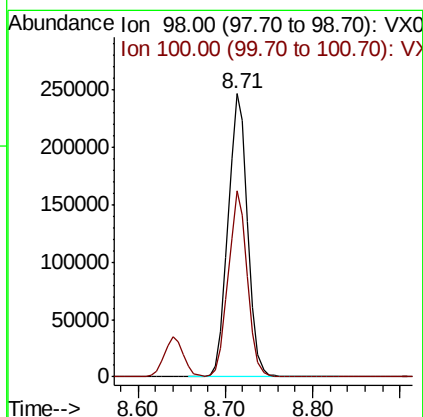
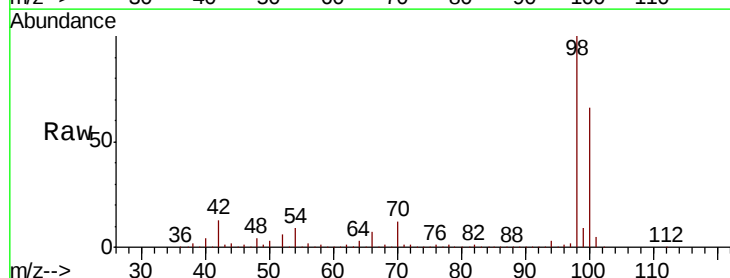
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

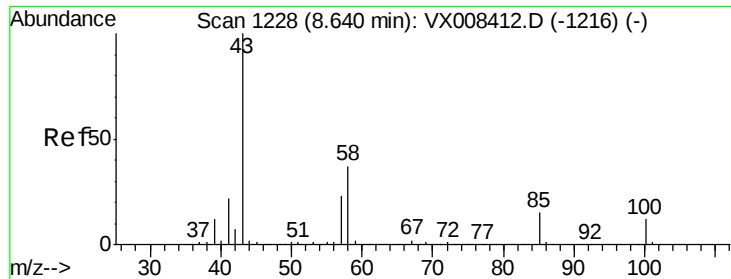
Tot Ion: 88 Resp: 25535  
 Ion Ratio Lower Upper  
 88 100  
 43 36.5 28.6 43.0  
 58 80.2 63.0 94.4



#50  
 Toluene-d8  
 Concen: 50.183 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion: 98 Resp: 380894  
 Ion Ratio Lower Upper  
 98 100  
 100 64.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 104.080 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

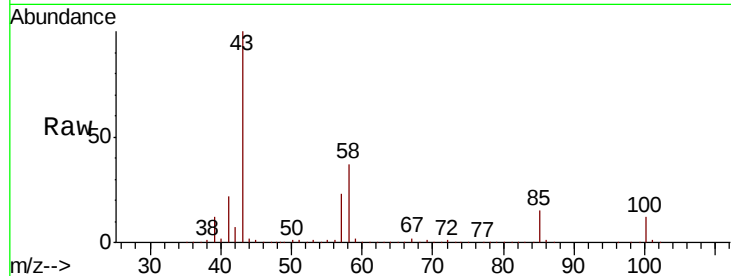
VX0402WBSD03

Tot Ion: 43 Resp: 434785

Ion Ratio Lower Upper

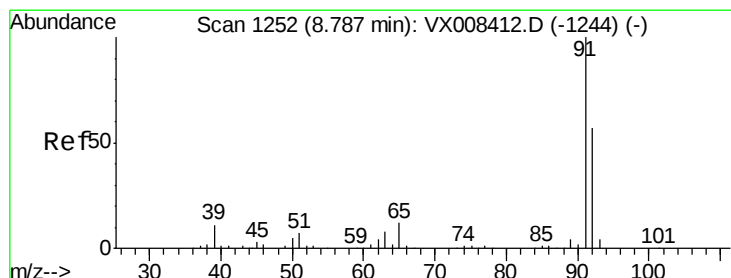
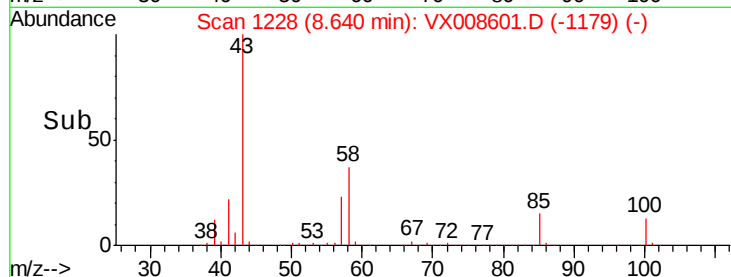
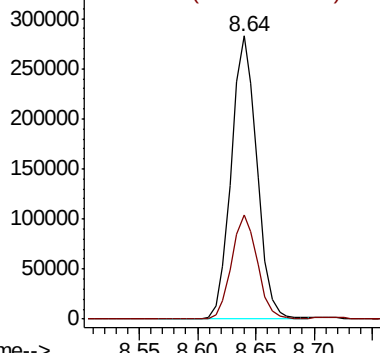
43 100

58 36.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.366 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008601.D

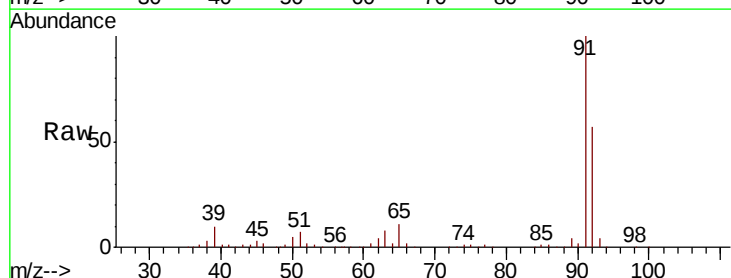
Acq: 02 Apr 2019 19:25

Tgt Ion: 92 Resp: 107598

Ion Ratio Lower Upper

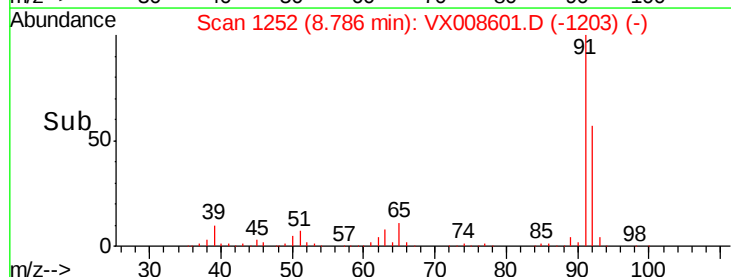
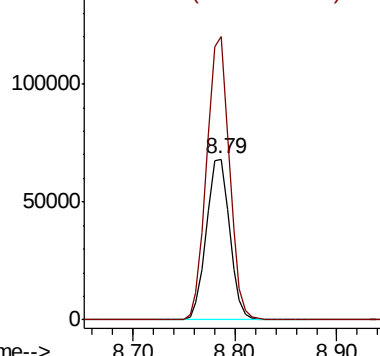
92 100

91 171.3 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

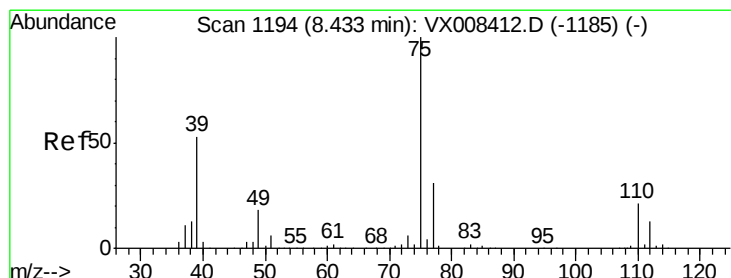
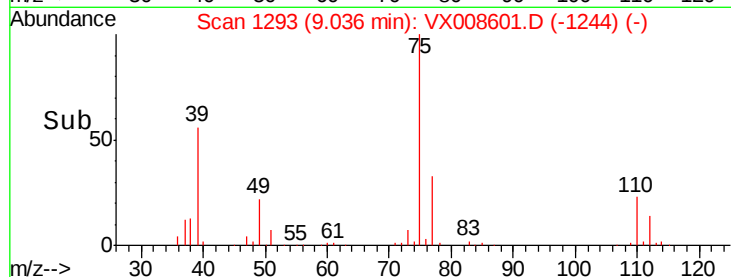
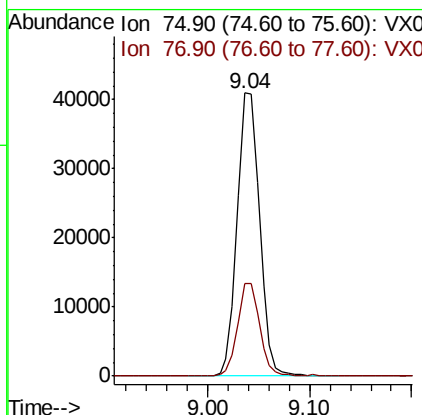
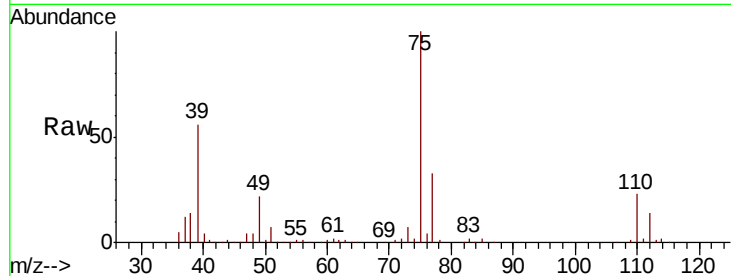




#53  
 t-1,3-Dichloropropene  
 Concen: 19.271 ug/l  
 RT: 9.04 min Scan# 1293  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

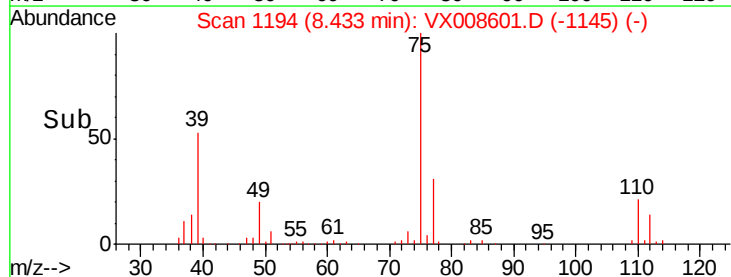
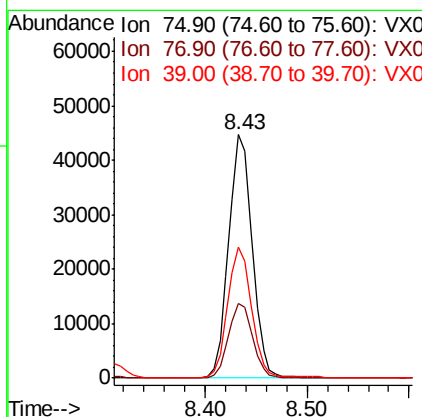
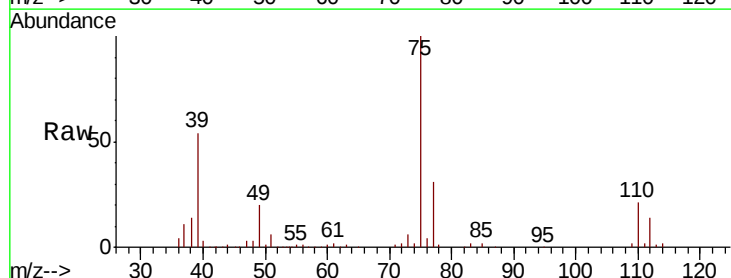
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

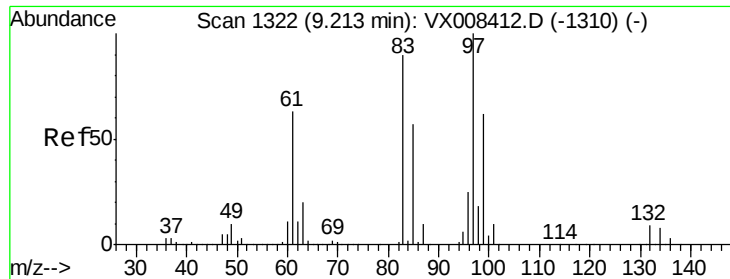
Tot Ion: 75 Resp: 62312  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 24.3 36.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.389 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion: 75 Resp: 71293  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 24.7 37.1  
 39 53.4 42.4 63.6

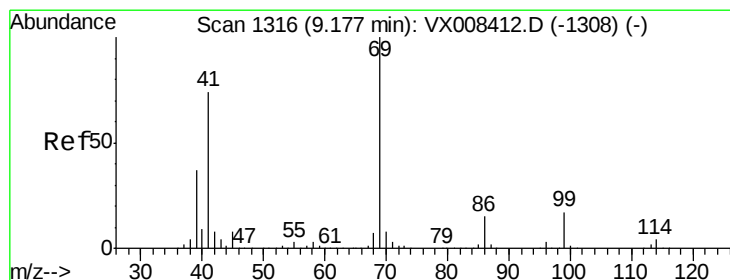
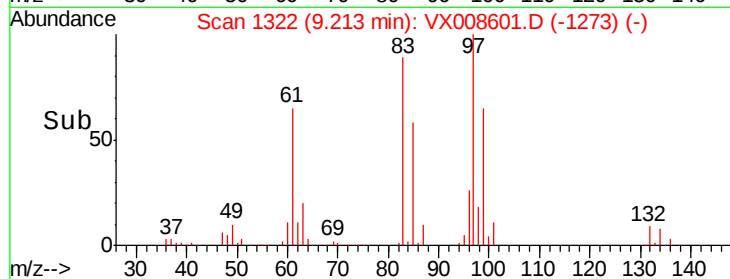
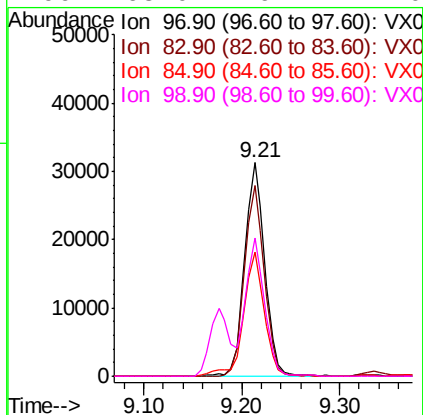
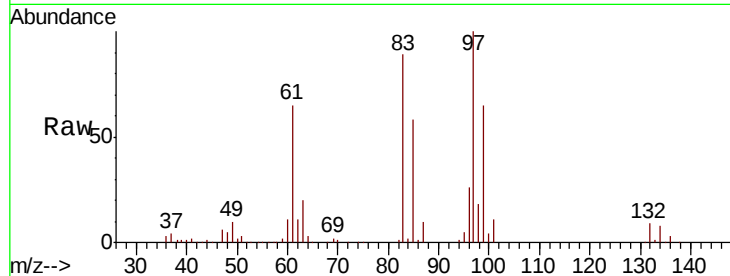




#55  
 1,1,2-Trichloroethane  
 Concen: 19.779 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

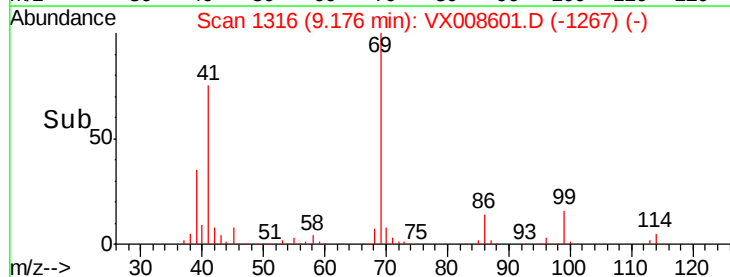
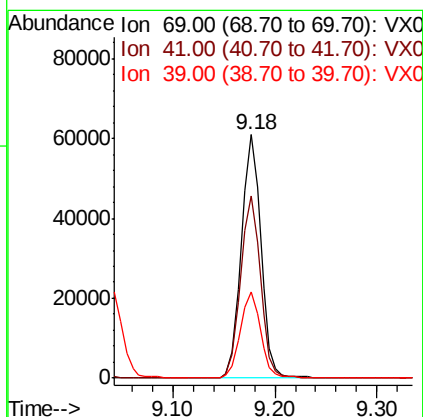
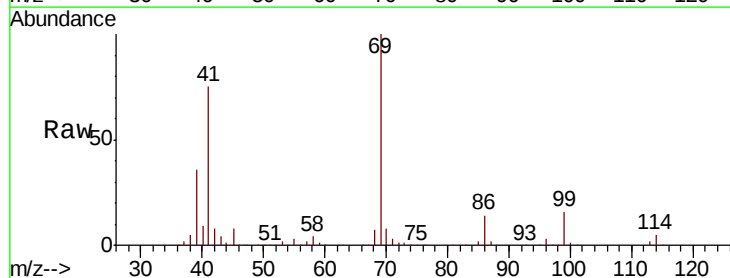
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 44734 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.4  | 71.8  | 107.6 |
| 85       | 57.9  | 45.9  | 68.9  |
| 99       | 65.0  | 49.4  | 74.0  |



#56  
 Ethyl methacrylate  
 Concen: 19.860 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 81082 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.1  | 59.5  | 89.3  |
| 39       | 36.4  | 29.3  | 43.9  |





#57

1,3-Dichloropropane

Concen: 19.540 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

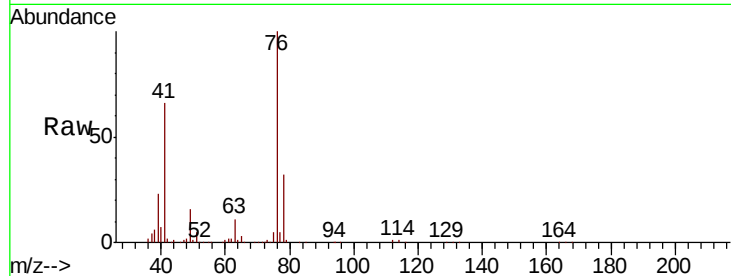
VX0402WBSD03

Tot Ion: 76 Resp: 79235

Ion Ratio Lower Upper

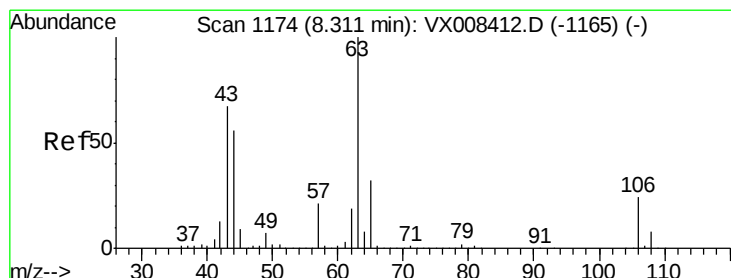
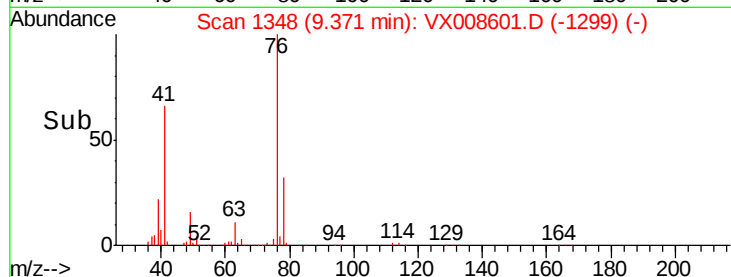
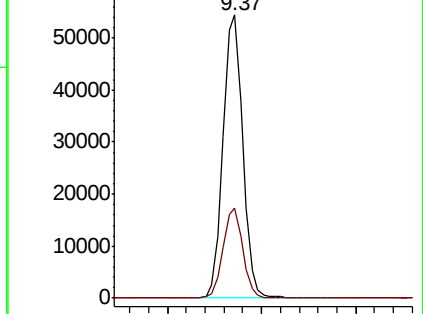
76 100

78 31.8 25.8 38.8



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: 98.462 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008601.D

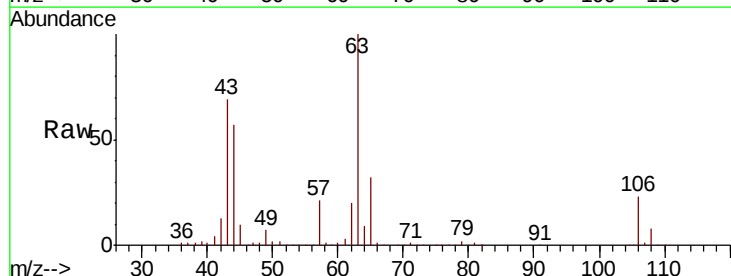
Acq: 02 Apr 2019 19:25

Tgt Ion: 63 Resp: 207789

Ion Ratio Lower Upper

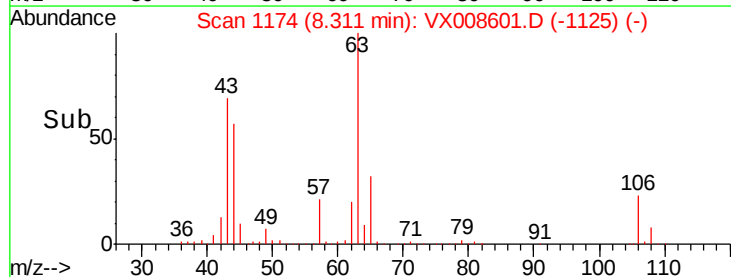
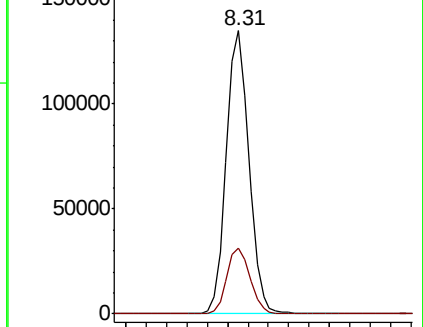
63 100

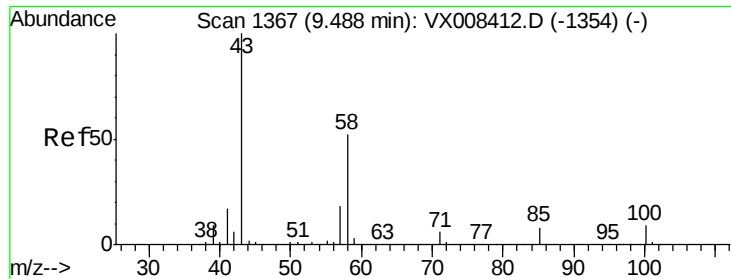
106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

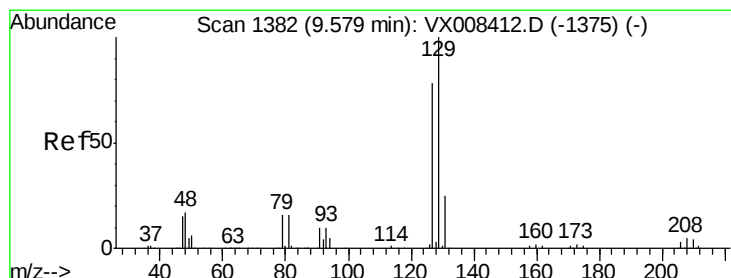
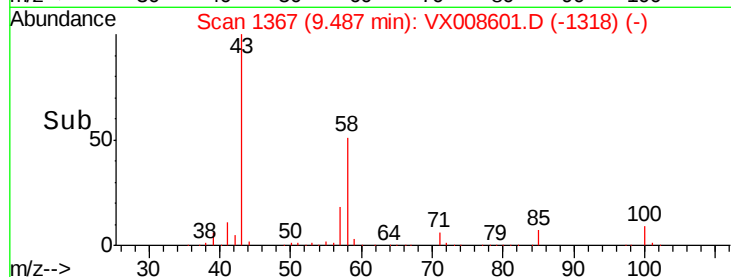
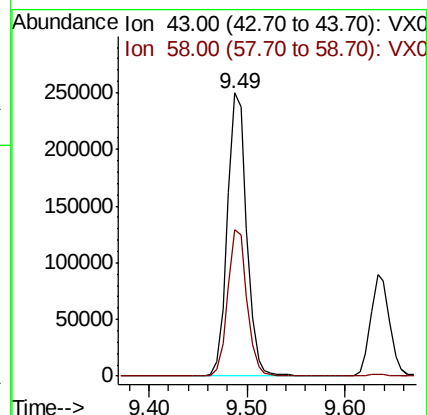
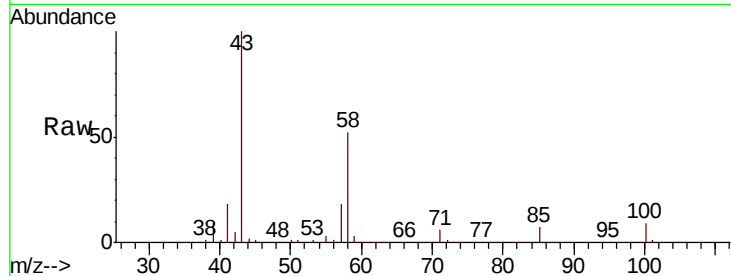




#59  
2-Hexanone  
Concen: 105.628 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

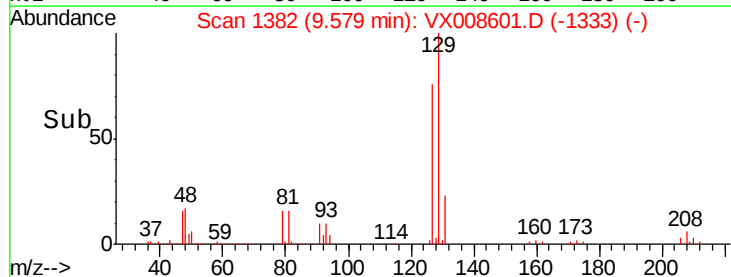
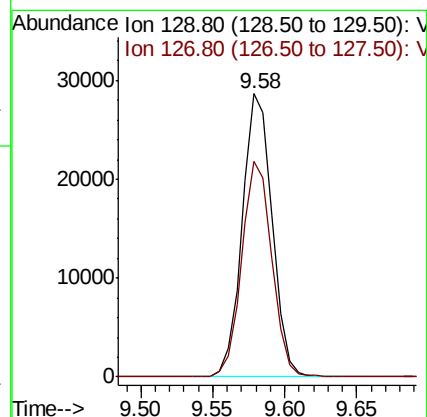
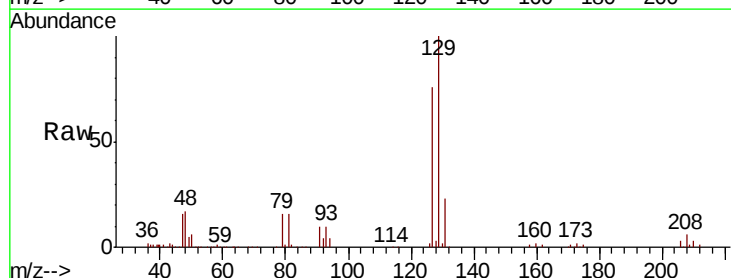
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

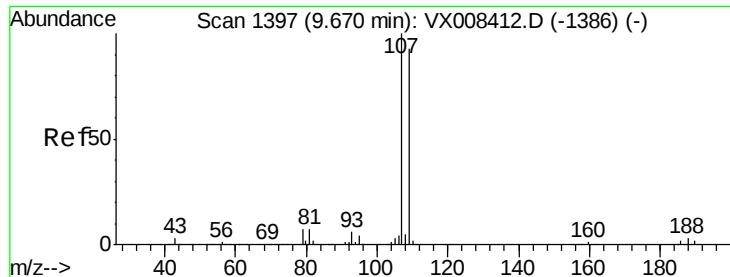
Tot Ion: 43 Resp: 341905  
Ion Ratio Lower Upper  
43 100  
58 51.8 26.3 78.9



#60  
Dibromochloromethane  
Concen: 19.164 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion:129 Resp: 41221  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.578 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

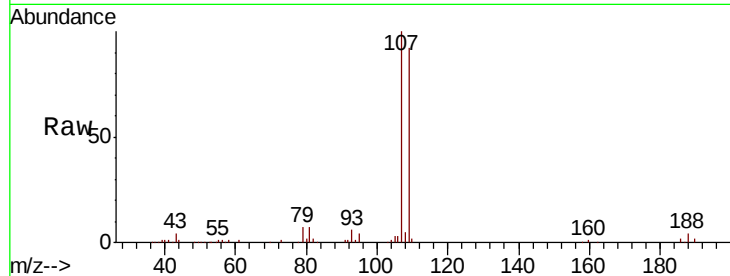
VX0402WBSD03

Tot Ion:107 Resp: 45188

Ion Ratio Lower Upper

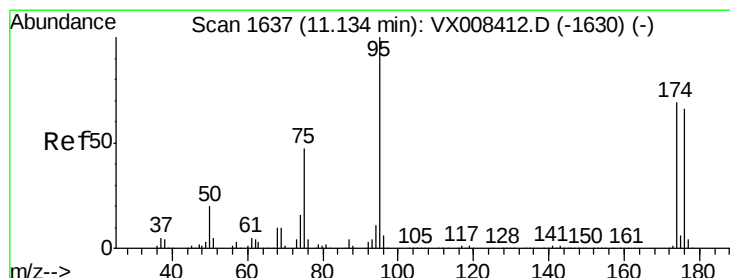
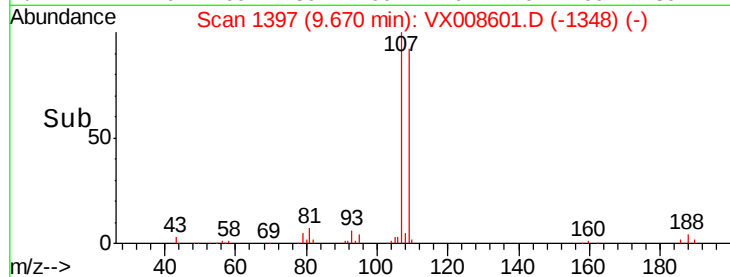
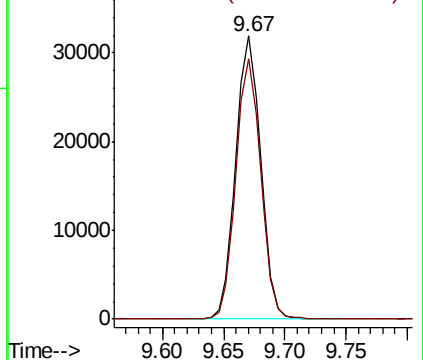
107 100

109 91.4 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

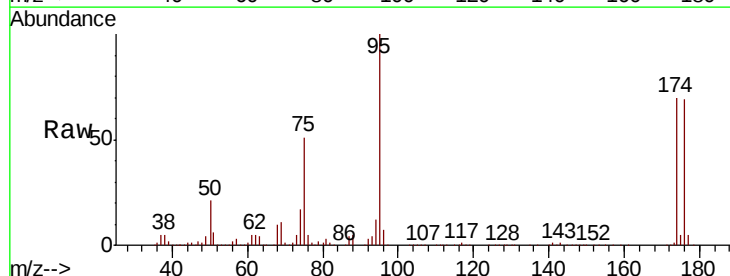
Tgt Ion: 95 Resp: 140224

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.2

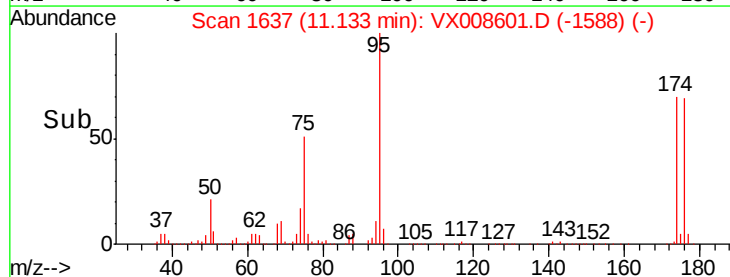
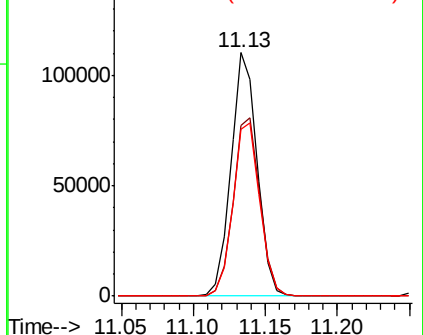
176 72.8 0.0 142.4

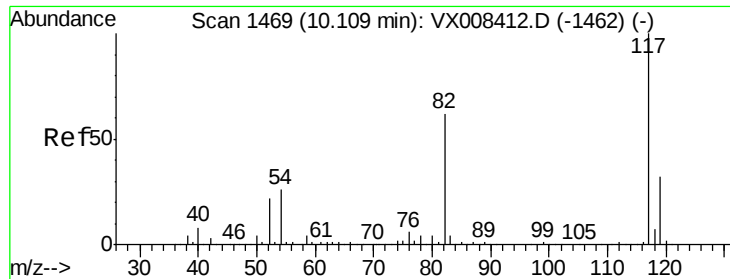


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

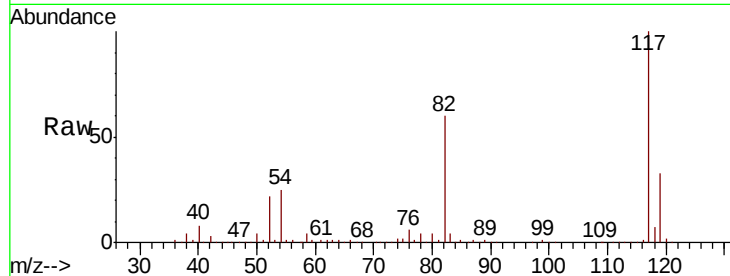




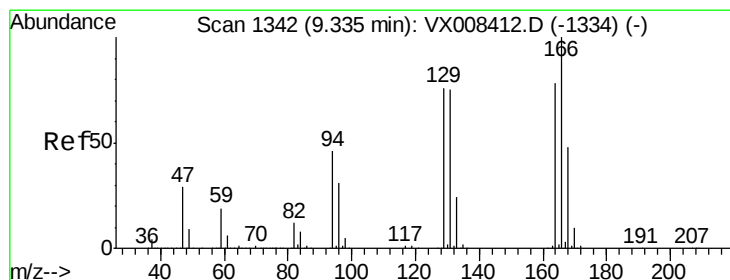
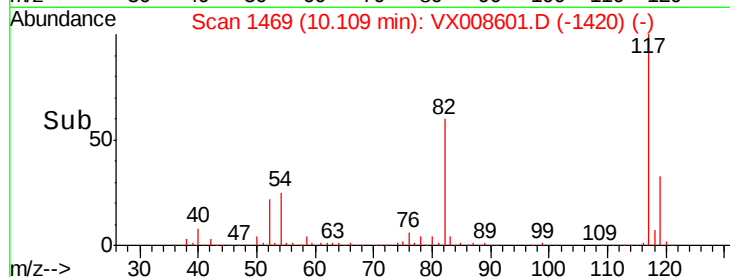
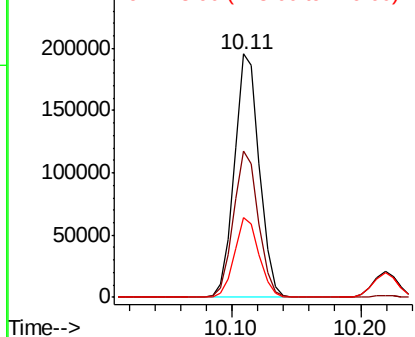
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

Tot Ion:117 Resp: 263033  
Ion Ratio Lower Upper  
117 100  
82 60.3 49.4 74.2  
119 32.6 25.4 38.0

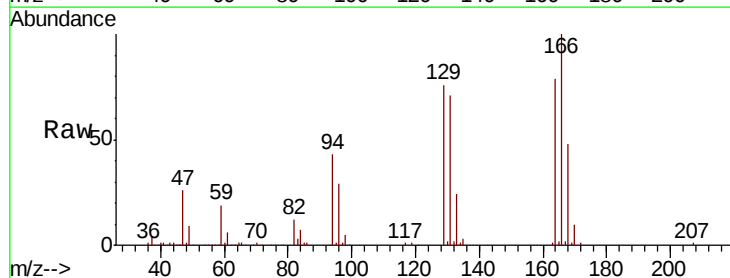


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

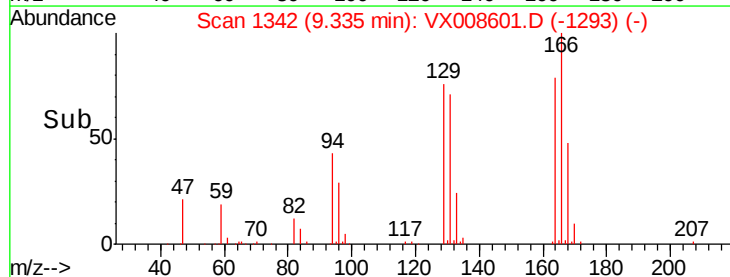
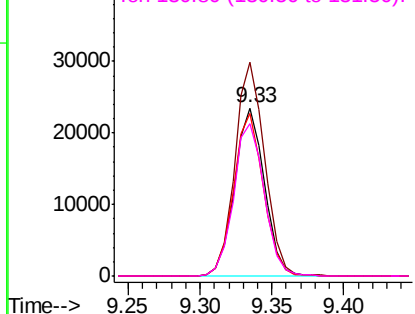


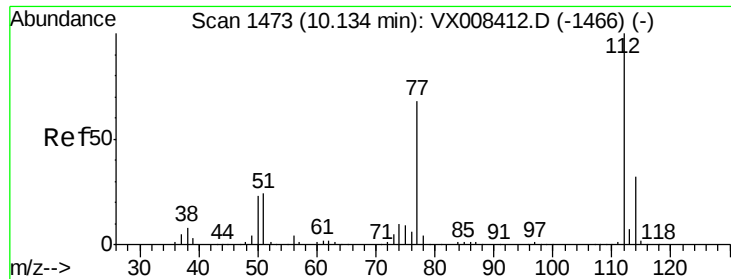
#64  
Tetrachloroethene  
Concen: 19.101 ug/l  
RT: 9.33 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion:164 Resp: 34013  
Ion Ratio Lower Upper  
164 100  
166 127.0 102.5 153.7  
129 96.3 77.8 116.8  
131 90.3 76.9 115.3



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.948 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

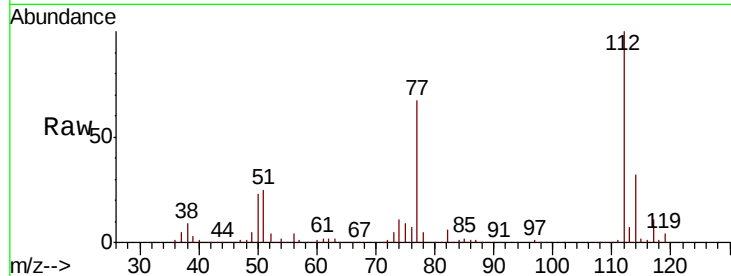
VX0402WBSD03

Tot Ion:112 Resp: 108388

Ion Ratio Lower Upper

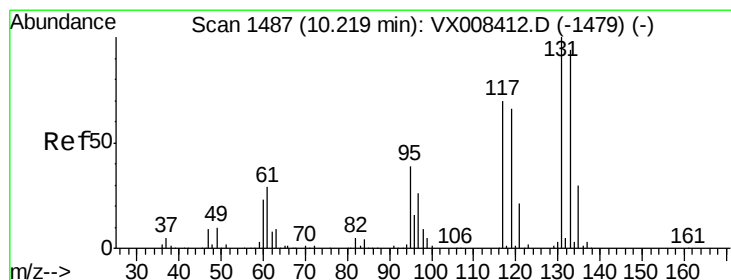
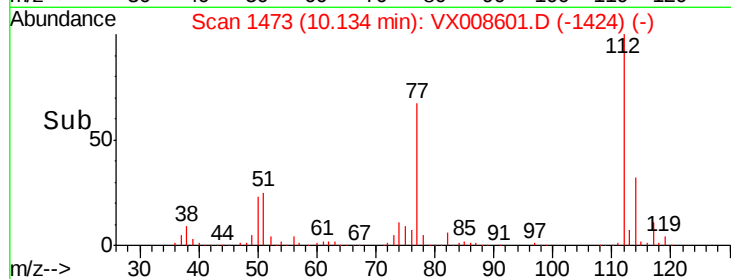
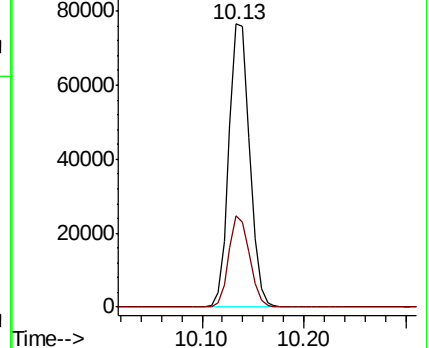
112 100

114 32.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.665 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

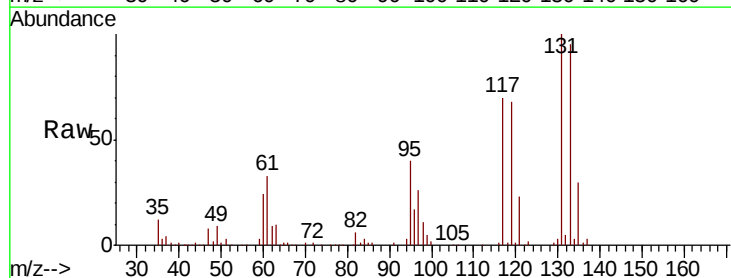
Tgt Ion:131 Resp: 38810

Ion Ratio Lower Upper

131 100

133 93.3 47.3 141.8

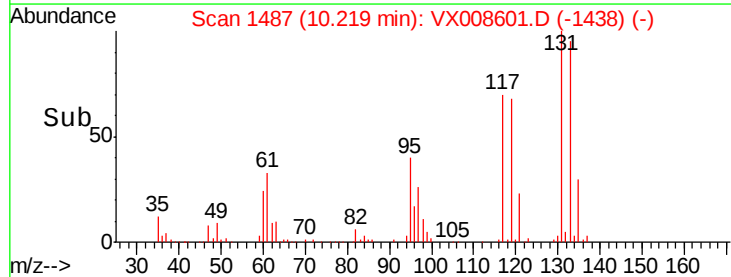
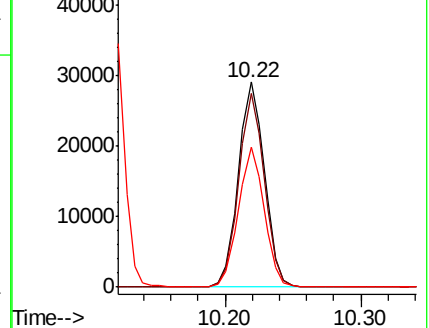
119 67.6 33.6 100.6

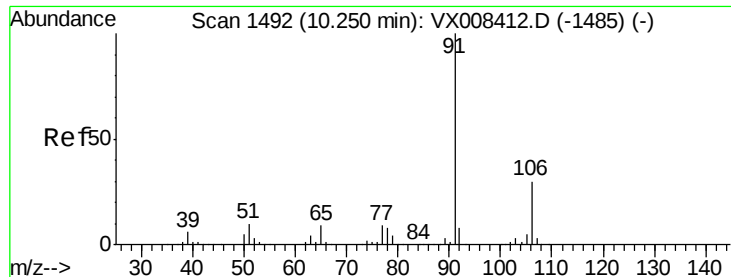


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

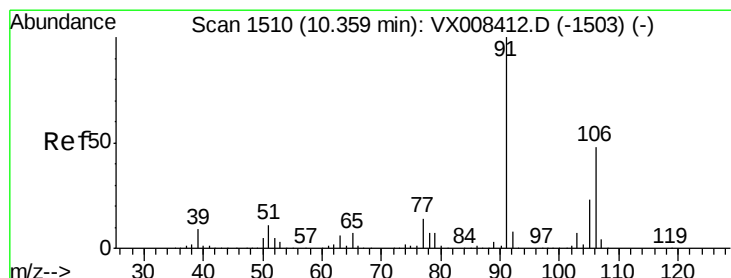
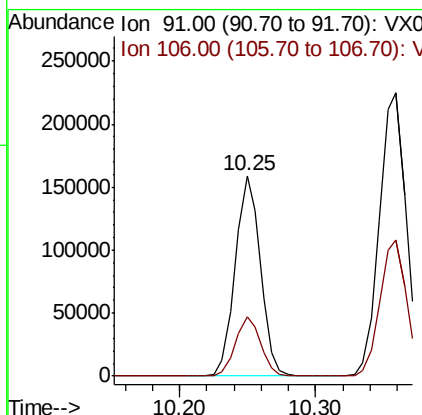
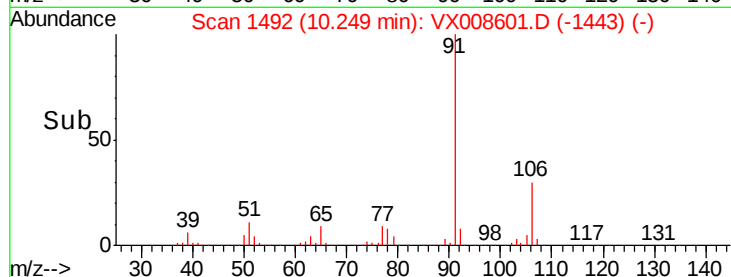
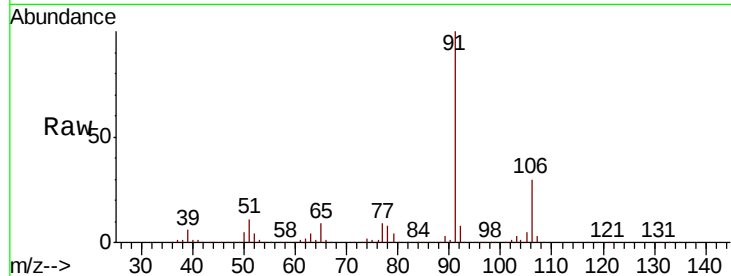




#67  
Ethyl Benzene  
Concen: 18.909 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

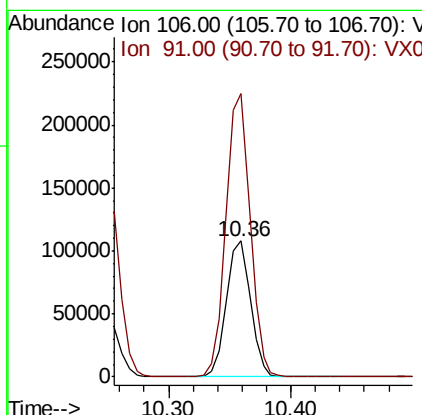
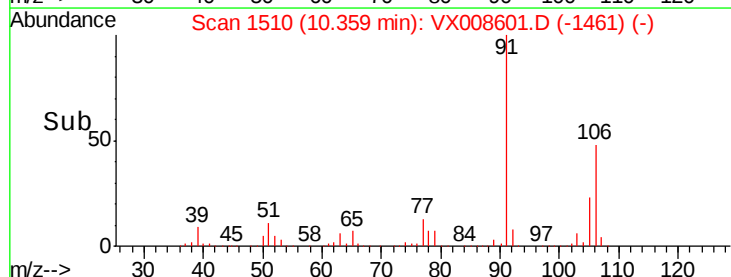
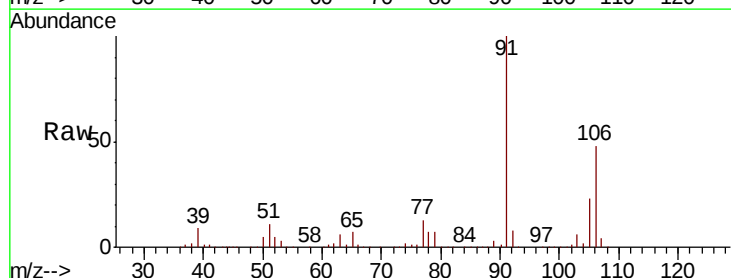
Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0402WBSD03

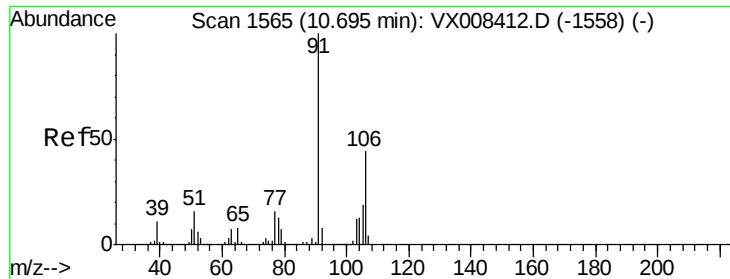
Tot Ion: 91 Resp: 204133  
Ion Ratio Lower Upper  
91 100  
106 29.6 24.0 36.0



#68  
m/p-Xylenes  
Concen: 37.520 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion: 106 Resp: 147356  
Ion Ratio Lower Upper  
106 100  
91 209.3 168.6 253.0

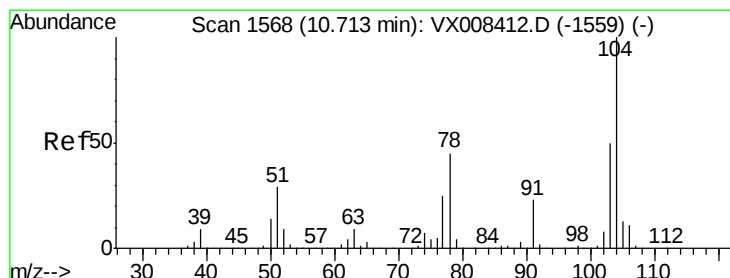
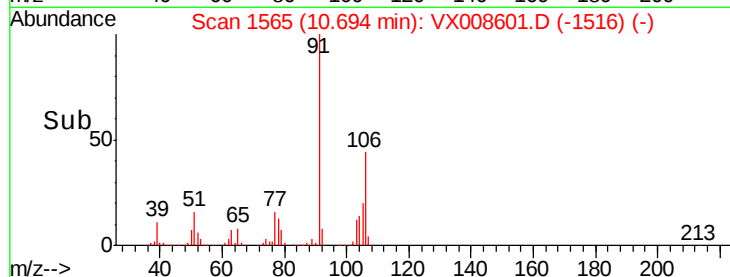
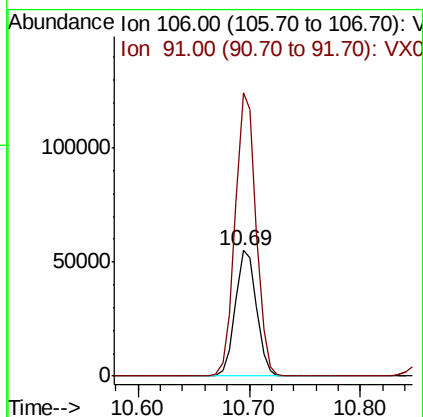
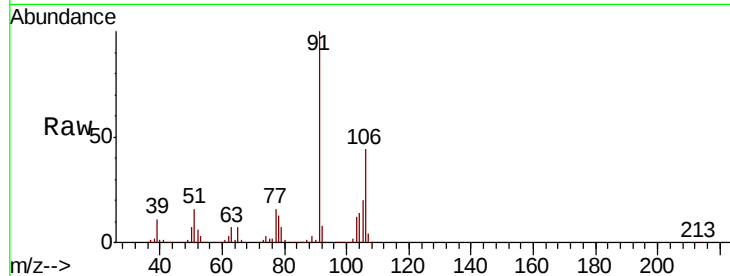




#69  
o-Xylene  
Concen: 19.000 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

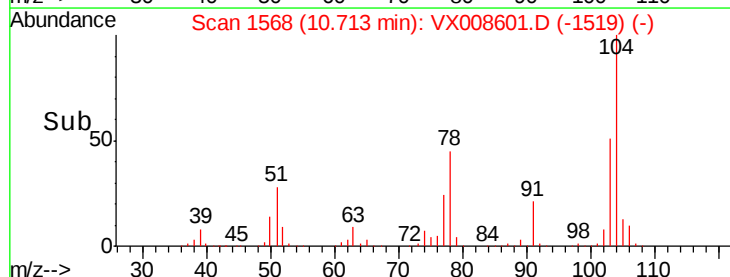
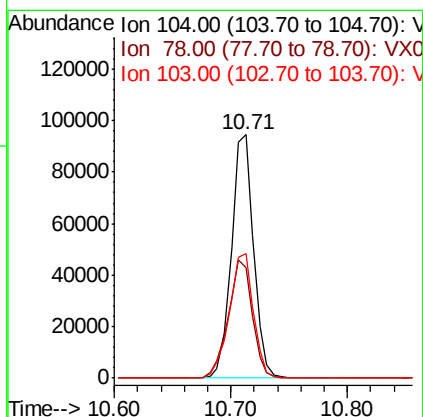
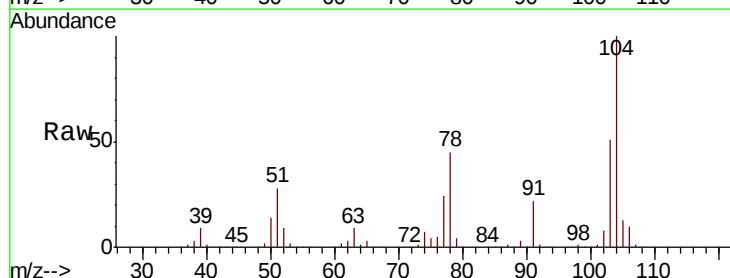
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

Tot Ion:106 Resp: 72414  
Ion Ratio Lower Upper  
106 100  
91 222.3 111.4 334.2



#70  
Styrene  
Concen: 19.058 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion:104 Resp: 125466  
Ion Ratio Lower Upper  
104 100  
78 53.1 42.5 63.7  
103 55.8 44.2 66.4

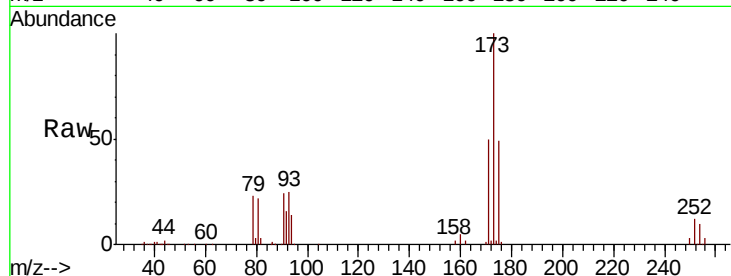




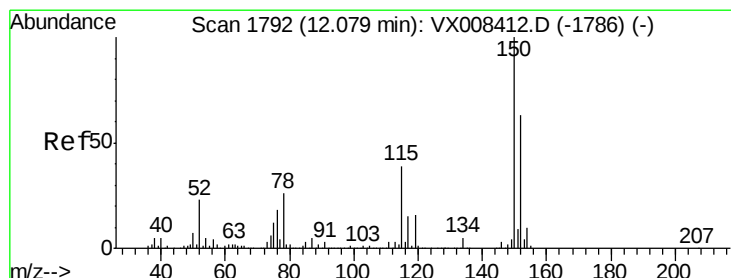
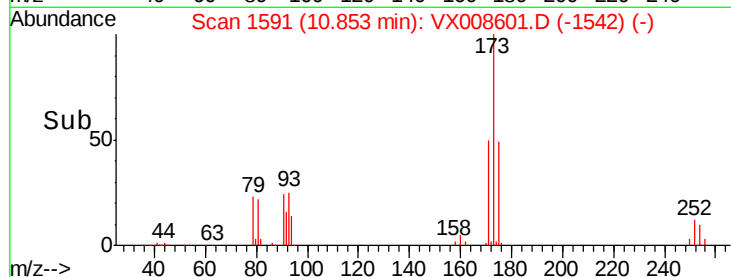
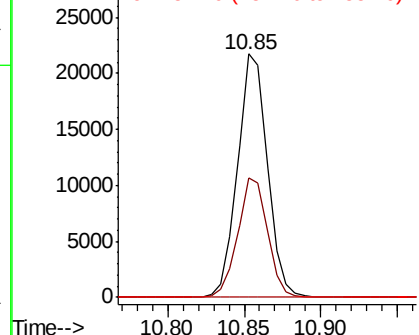
#71  
Bromoform  
Concen: 18.811 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

Tot Ion:173 Resp: 29317  
Ion Ratio Lower Upper  
173 100  
175 48.7 24.3 72.8  
254 0.2 0.2 0.2

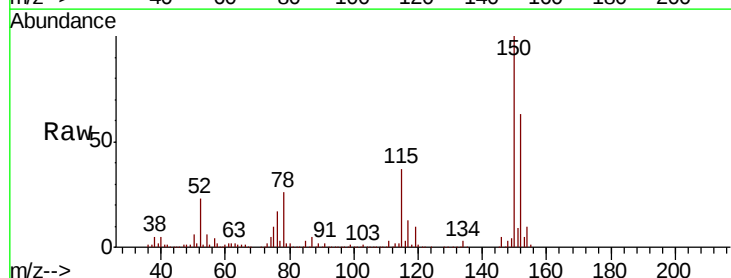


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

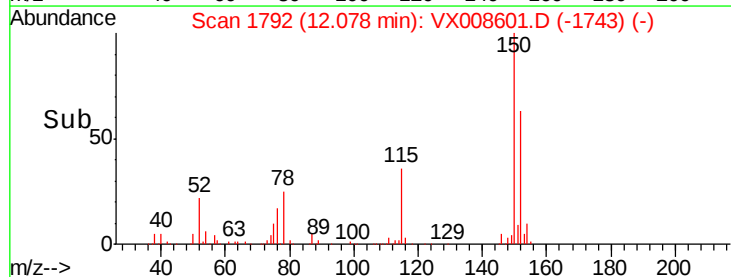
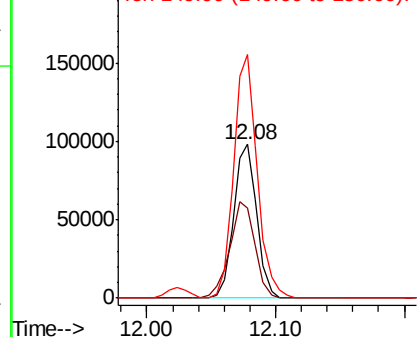


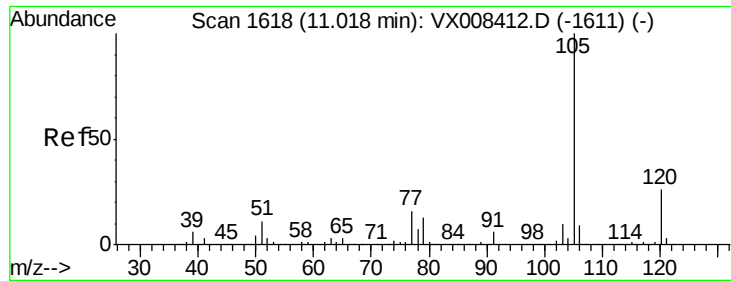
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion:152 Resp: 121742  
Ion Ratio Lower Upper  
152 100  
115 69.9 43.5 130.5  
150 162.9 0.0 348.8



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: 19.540 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

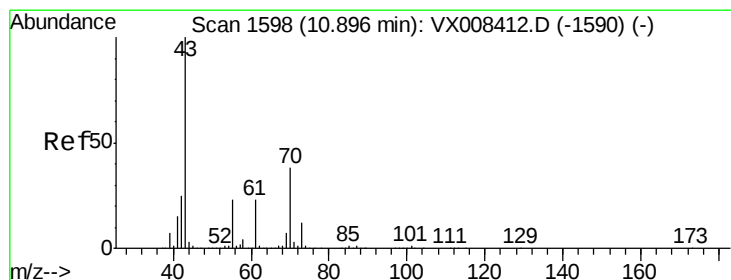
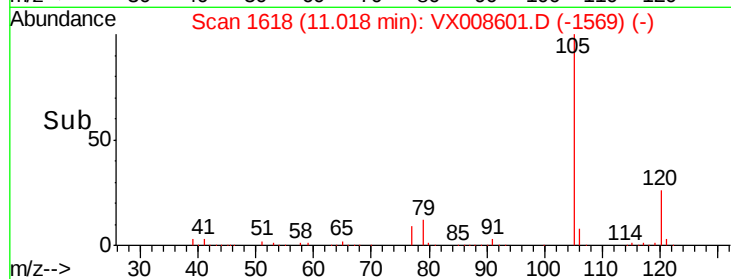
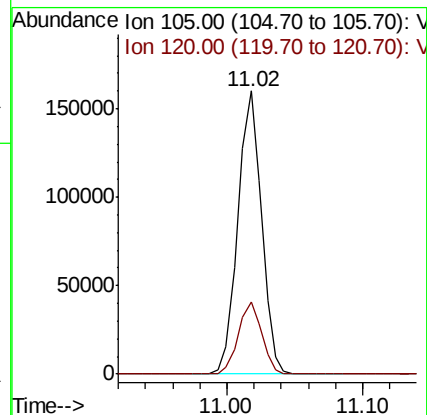
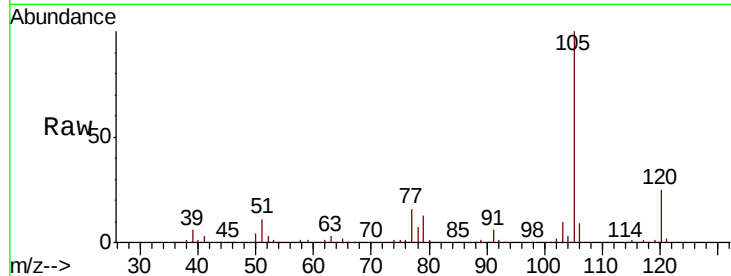
VX0402WBSD03

Tot Ion: 105 Resp: 193531

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 20.550 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion: 43 Resp: 117805

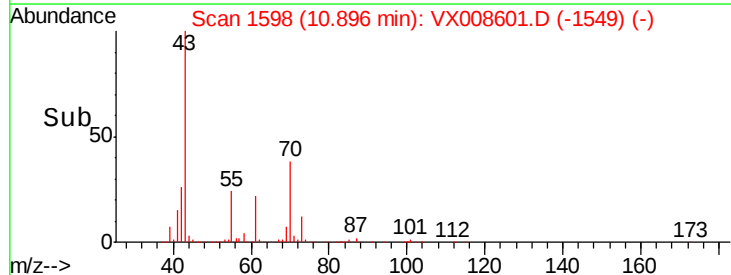
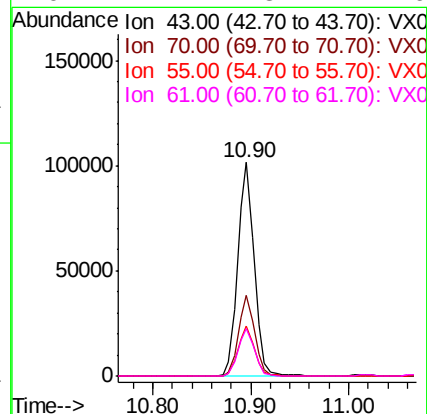
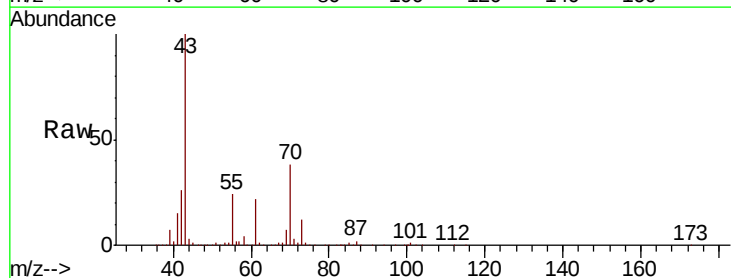
Ion Ratio Lower Upper

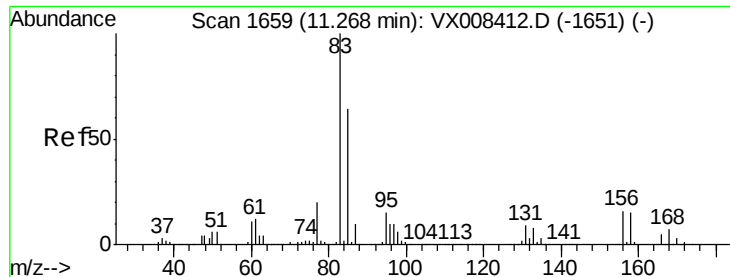
43 100

70 37.5 30.5 45.7

55 23.9 18.2 27.2

61 22.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.613 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

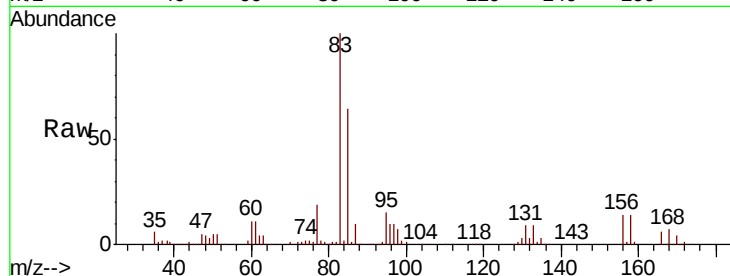
Tot Ion: 83 Resp: 75370

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.4

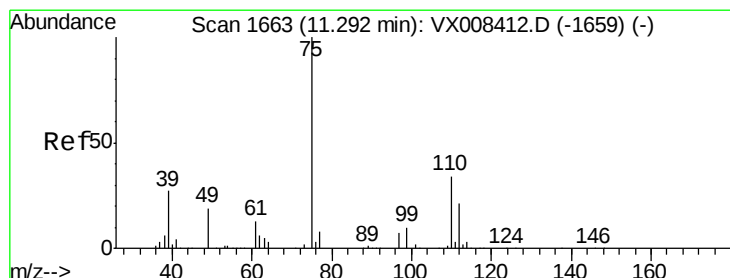
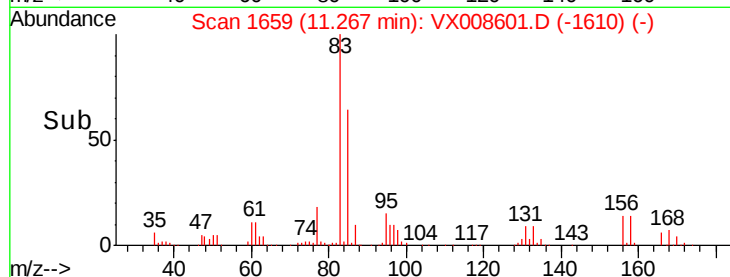
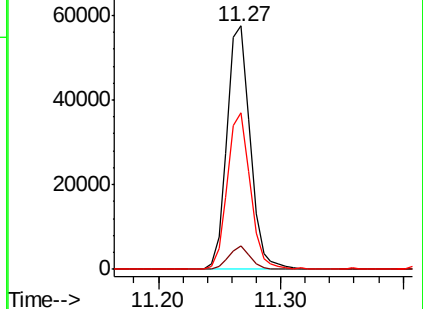
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.134 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008601.D

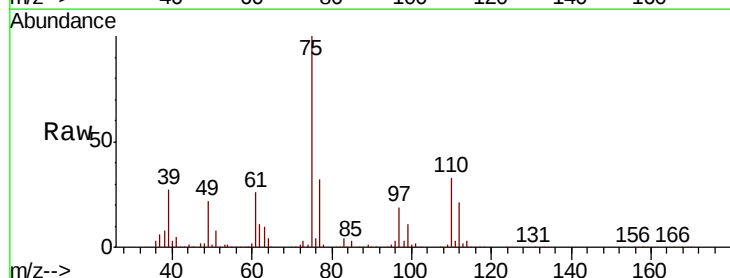
Acq: 02 Apr 2019 19:25

Tgt Ion: 75 Resp: 83730

Ion Ratio Lower Upper

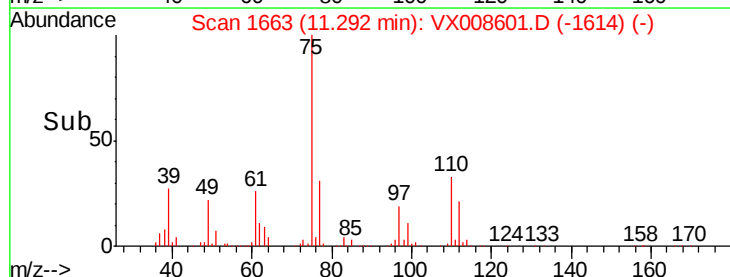
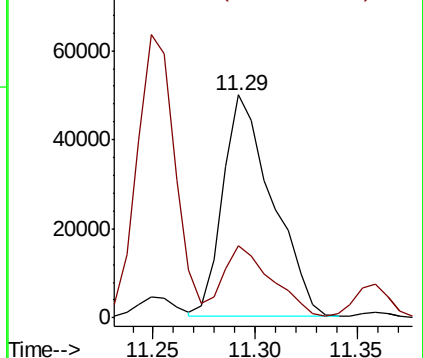
75 100

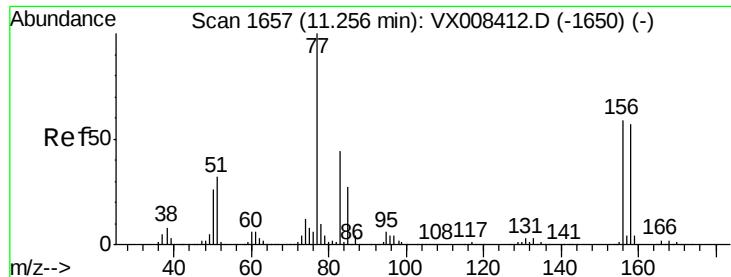
77 32.3 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.212 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

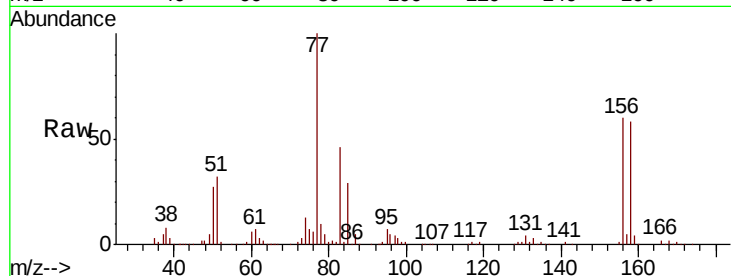
Tot Ion:156 Resp: 46181

Ion Ratio Lower Upper

156 100

77 178.4 91.1 273.3

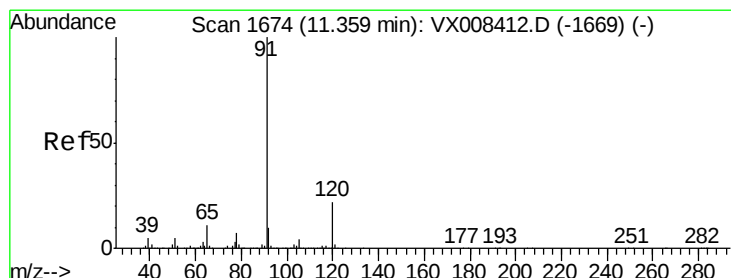
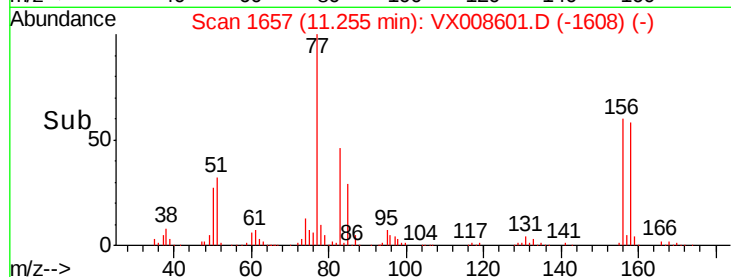
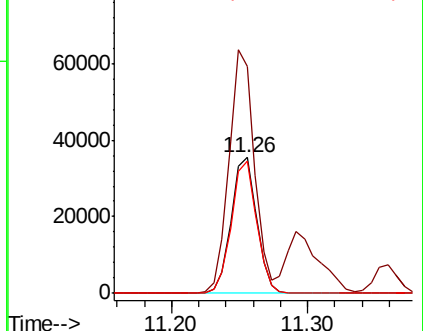
158 96.9 48.3 144.8



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: 19.134 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008601.D

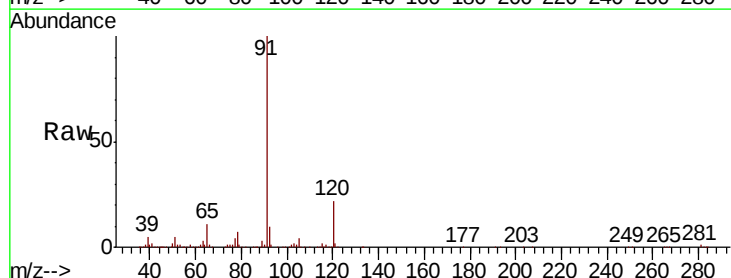
Acq: 02 Apr 2019 19:25

Tgt Ion: 91 Resp: 221993

Ion Ratio Lower Upper

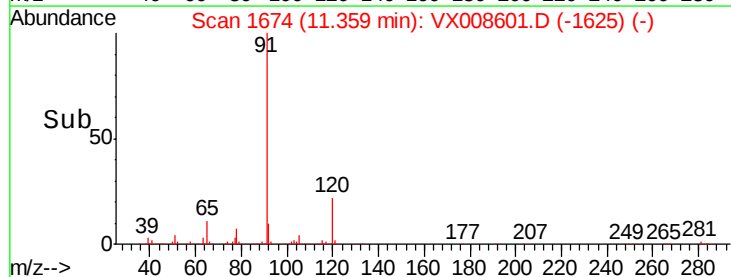
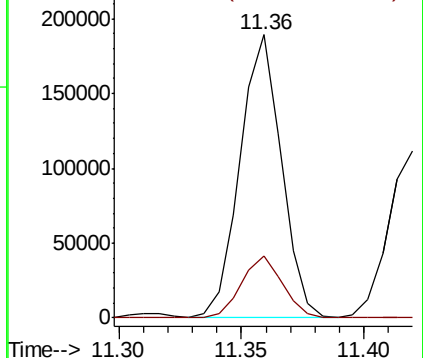
91 100

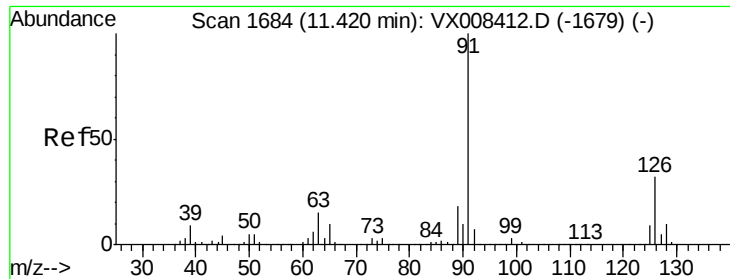
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

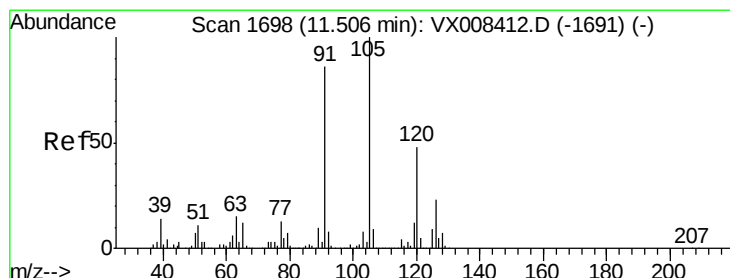
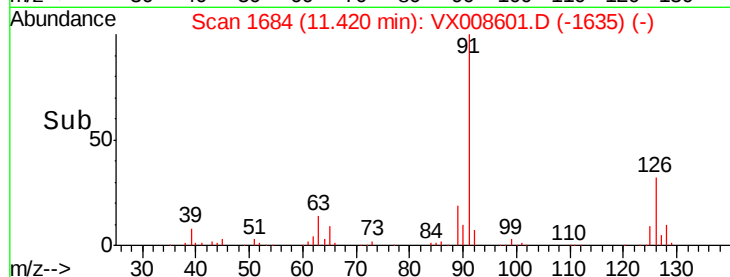
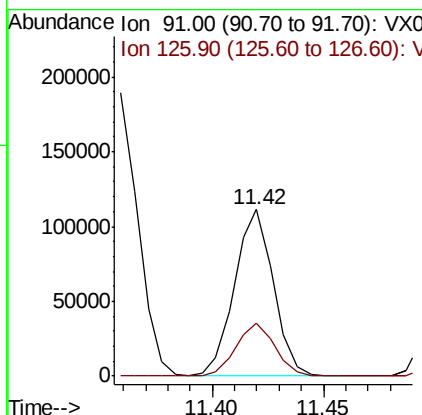
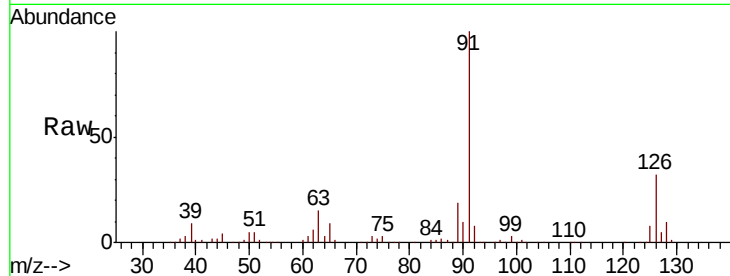




#79  
 2-Chlorotoluene  
 Concen: 19.114 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

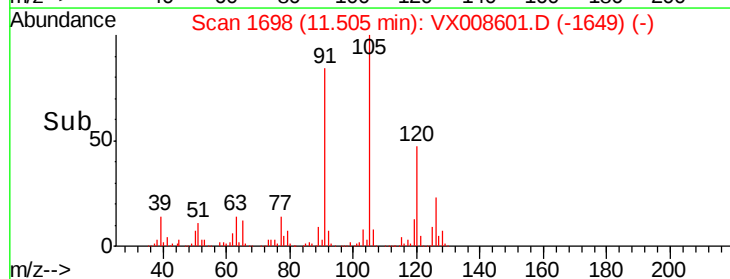
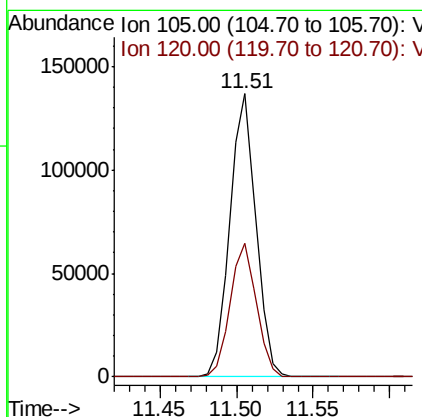
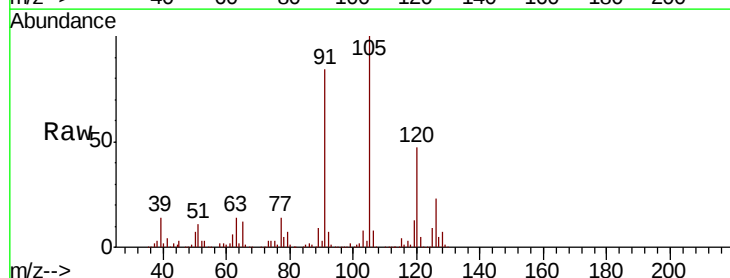
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

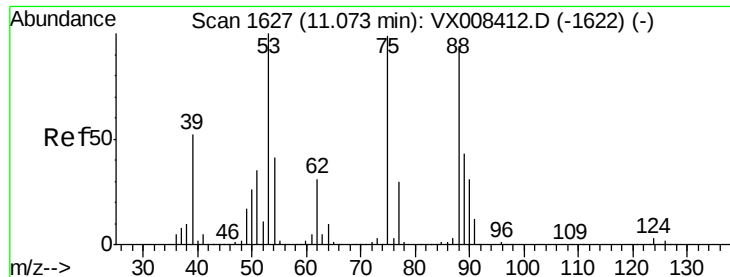
Tot Ion: 91 Resp: 134884  
 Ion Ratio Lower Upper  
 91 100  
 126 31.8 15.7 47.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.237 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion:105 Resp: 161075  
 Ion Ratio Lower Upper  
 105 100  
 120 47.7 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.809 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampled :

VX0402WBSD03

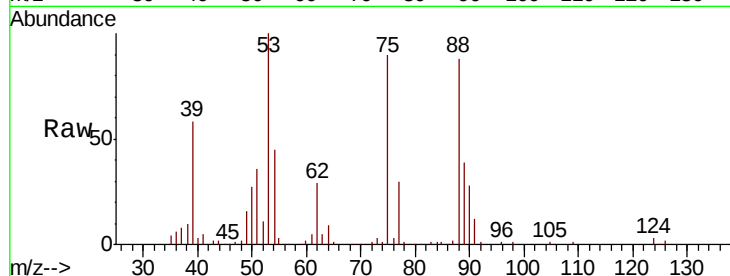
Tot Ion: 75 Resp: 22384

Ion Ratio Lower Upper

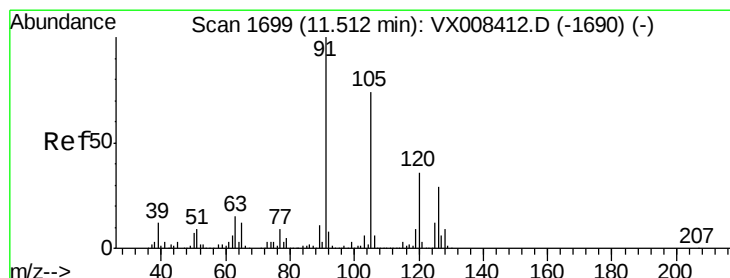
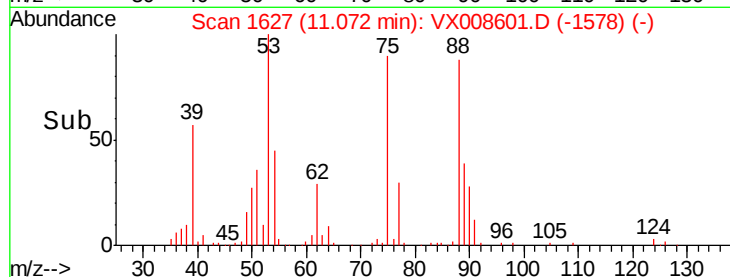
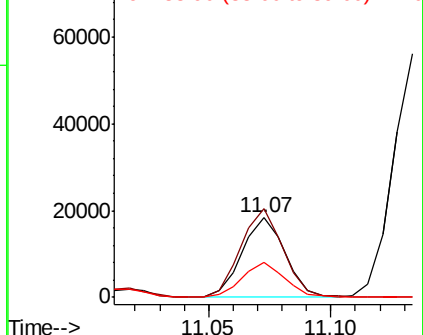
75 100

53 109.9 82.1 123.1

89 43.8 34.6 52.0



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: 18.816 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008601.D

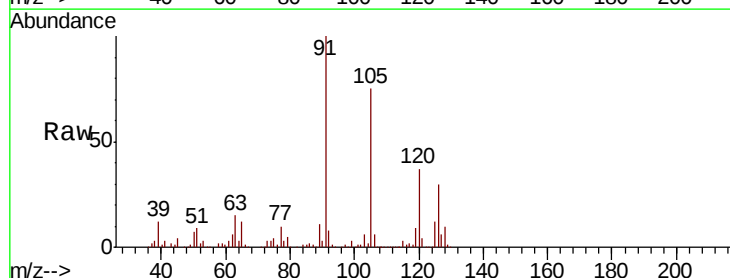
Acq: 02 Apr 2019 19:25

Tgt Ion: 91 Resp: 153166

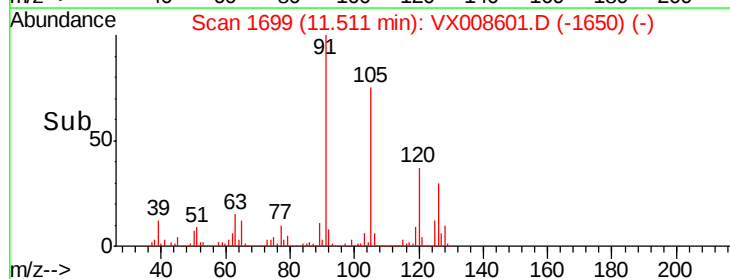
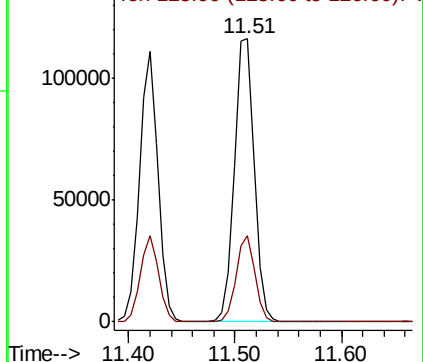
Ion Ratio Lower Upper

91 100

126 28.6 13.9 41.7



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

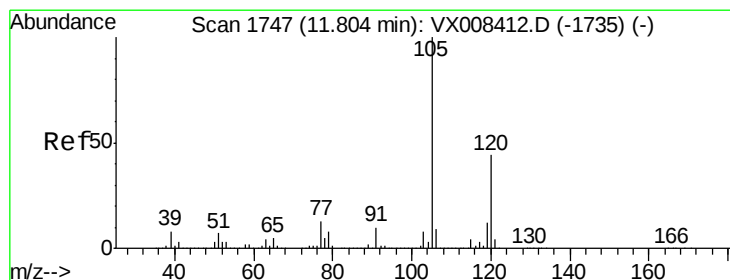
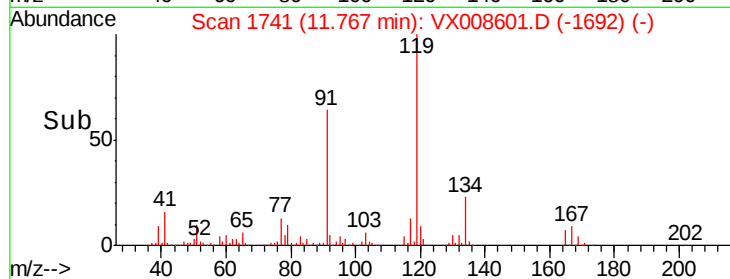
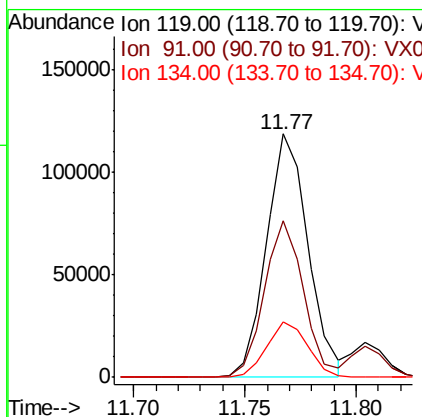
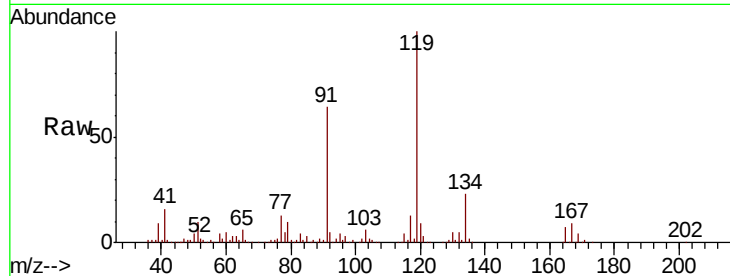




#83  
 tert-Butylbenzene  
 Concen: 19.091 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

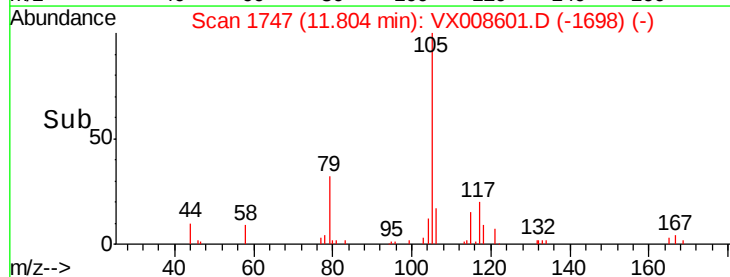
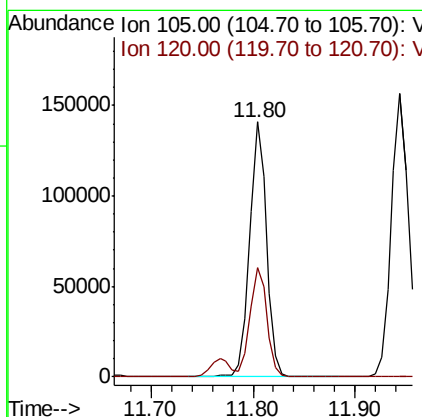
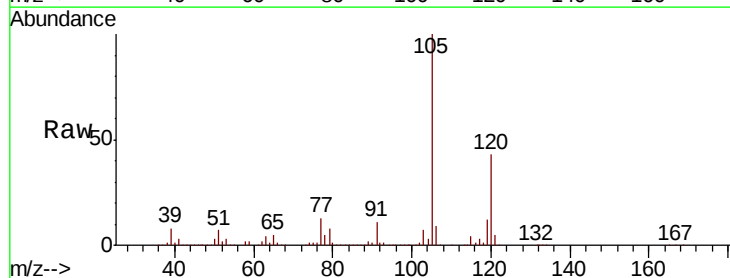
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

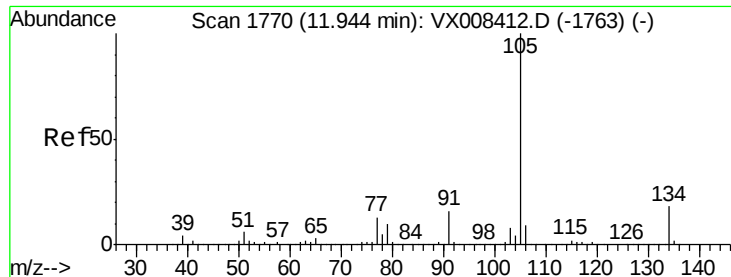
Tot Ion:119 Resp: 154228  
 Ion Ratio Lower Upper  
 119 100  
 91 60.8 30.1 90.3  
 134 22.5 10.9 32.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.304 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion:105 Resp: 163486  
 Ion Ratio Lower Upper  
 105 100  
 120 42.8 21.6 65.0





#85

sec-Butylbenzene

Concen: 19.328 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

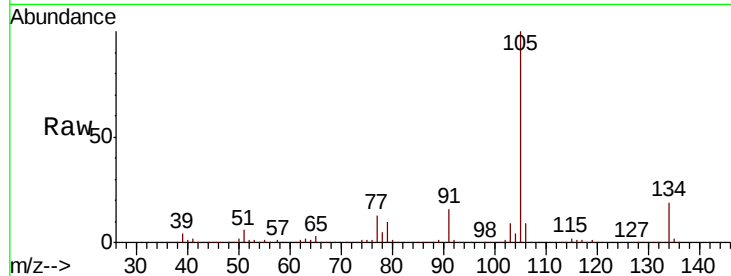
VX0402WBSD03

Tot Ion:105 Resp: 185944

Ion Ratio Lower Upper

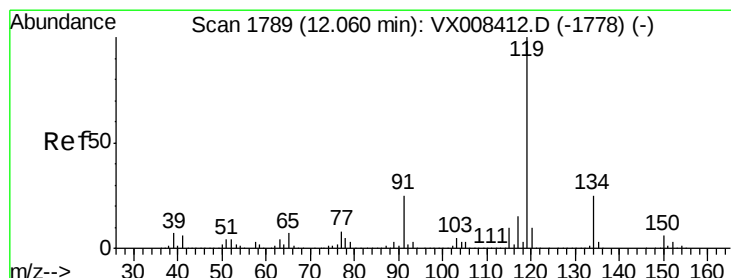
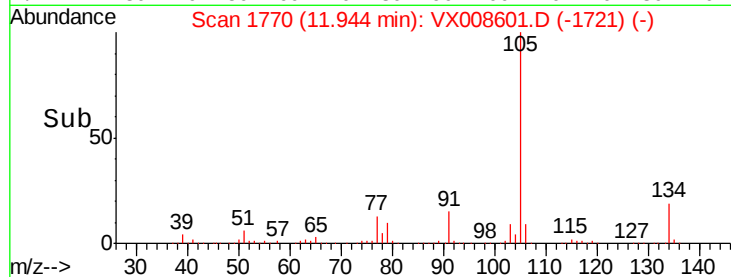
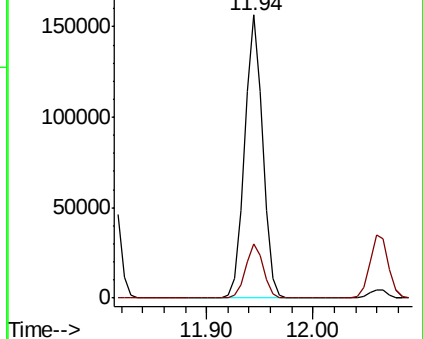
105 100

134 18.9 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.496 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

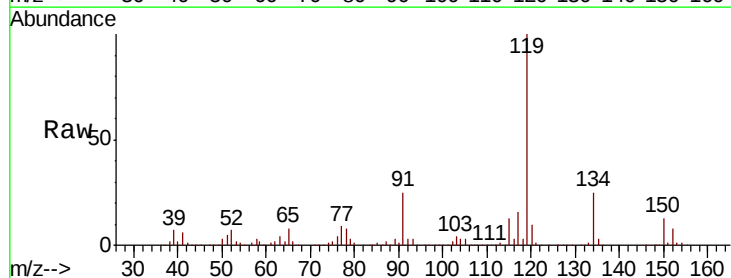
Tgt Ion:119 Resp: 165504

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

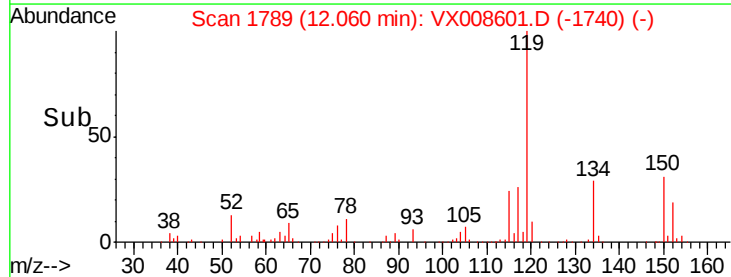
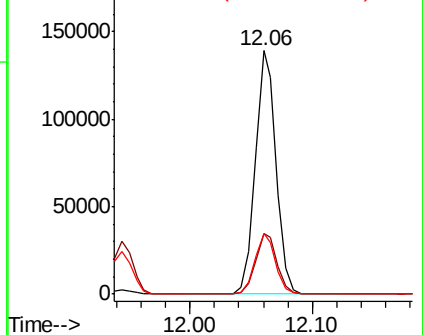
91 24.8 12.4 37.0

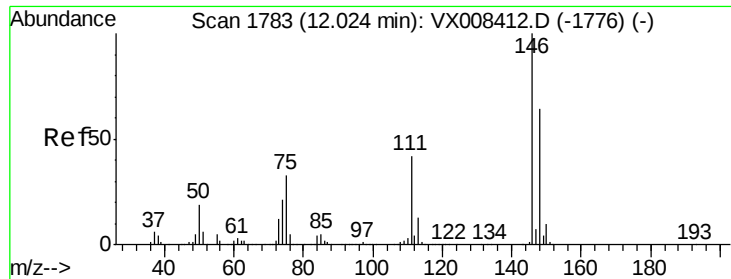


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.850 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0402WBSD03

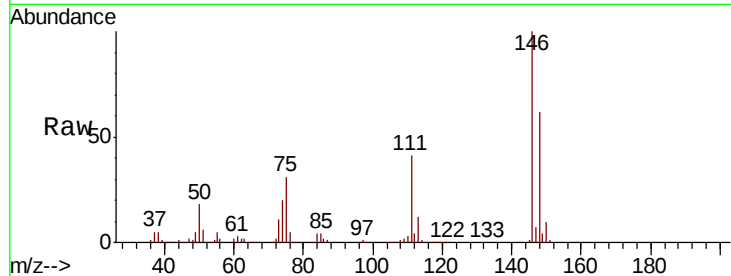
Tot Ion:146 Resp: 80956

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

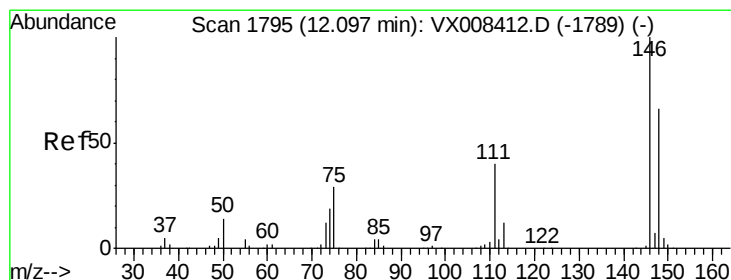
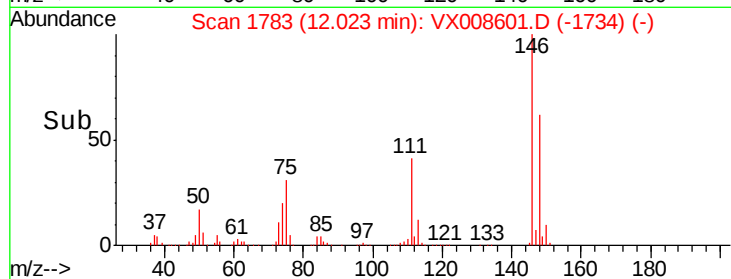
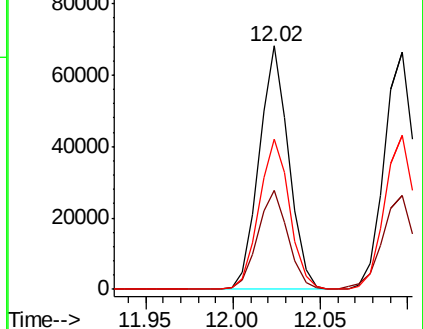
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.570 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

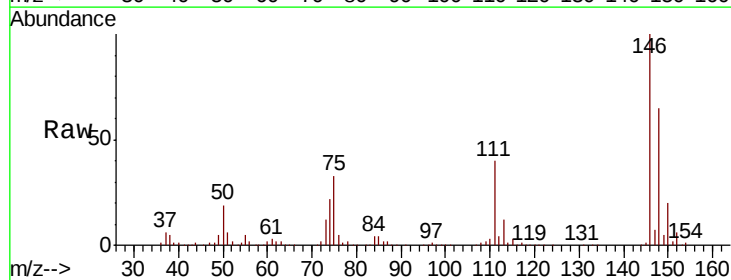
Tgt Ion:146 Resp: 80493

Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

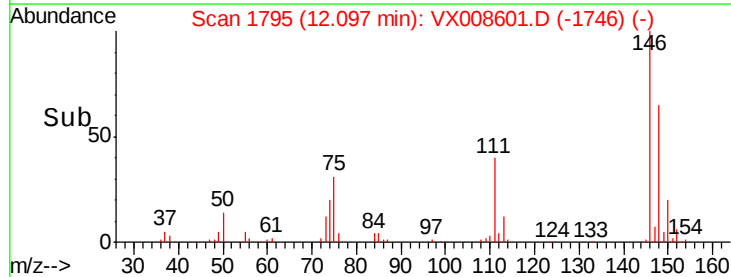
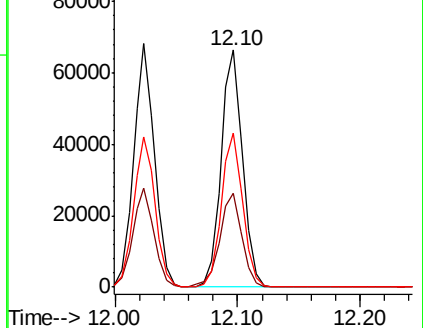
148 65.0 32.1 96.5

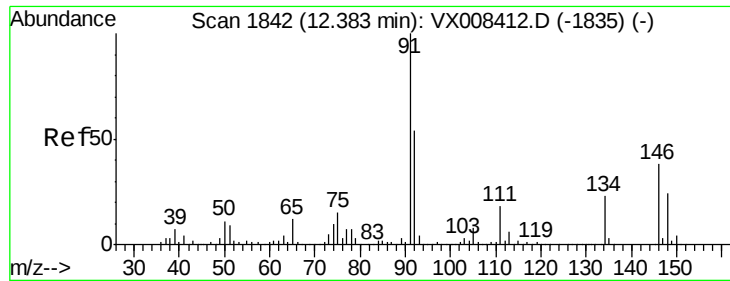


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

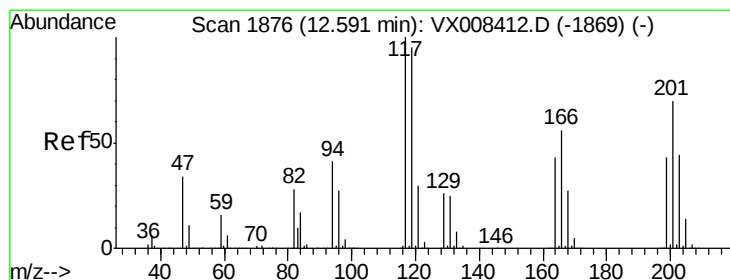
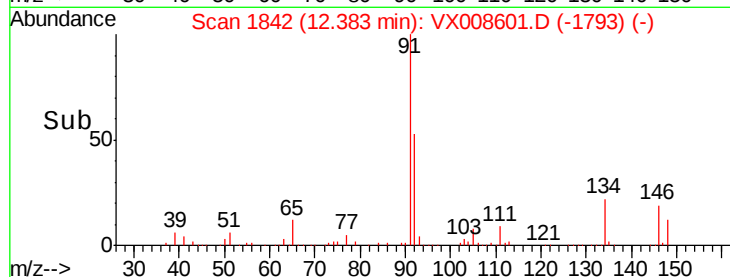
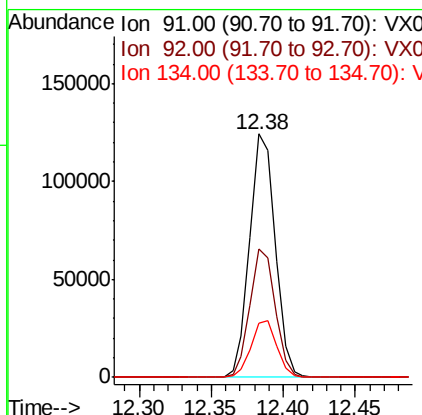
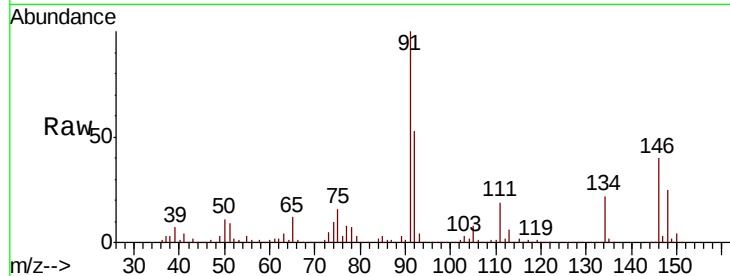




#89  
n-Butylbenzene  
Concen: 18.930 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

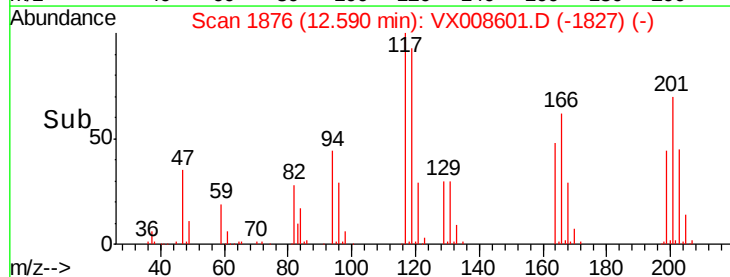
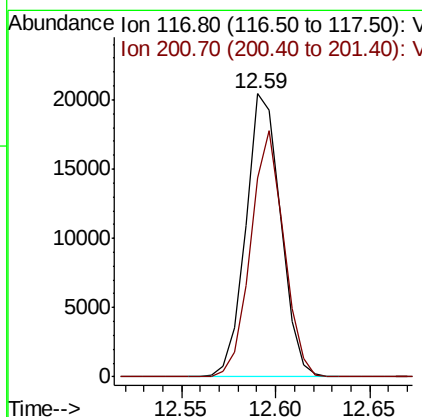
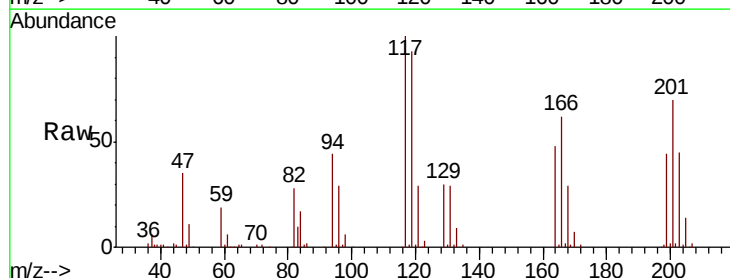
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

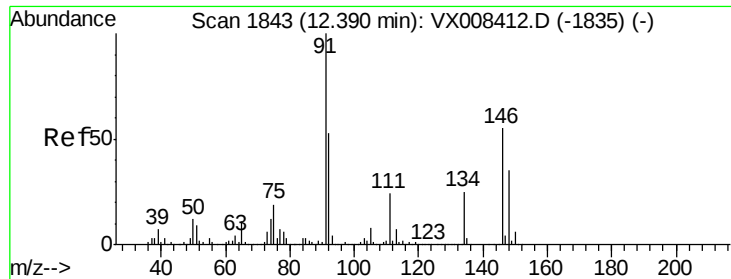
Tot Ion: 91 Resp: 152225  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.5 79.5  
134 23.2 11.8 35.4



#90  
Hexachloroethane  
Concen: 18.563 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion: 117 Resp: 26252  
Ion Ratio Lower Upper  
117 100  
201 82.5 39.4 118.1

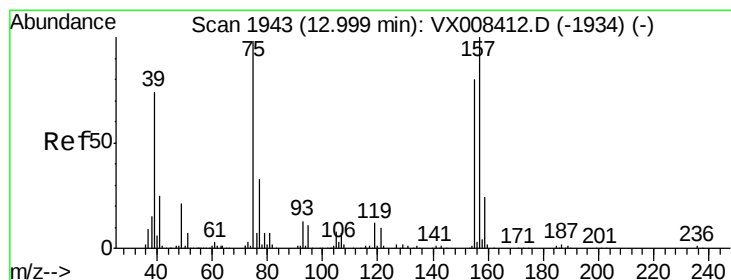
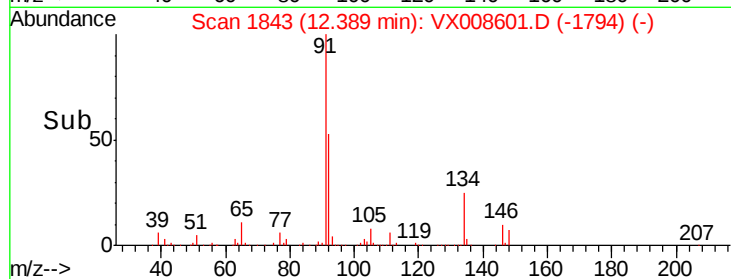
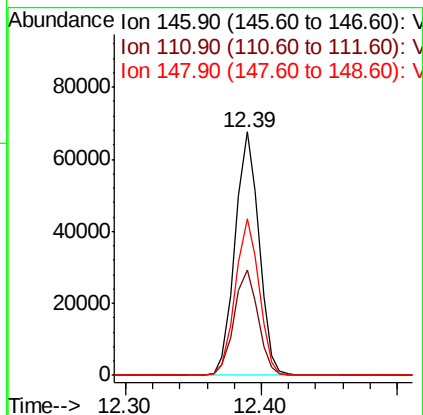
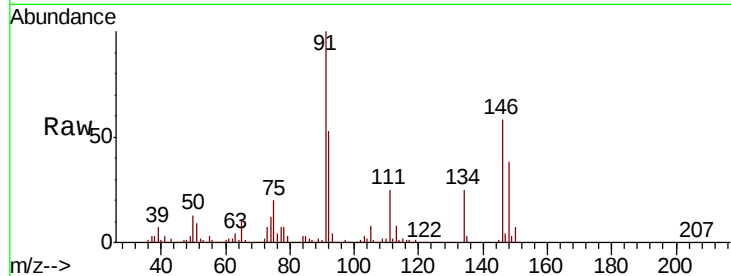




#91  
 1,2-Dichlorobenzene  
 Concen: 19.250 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

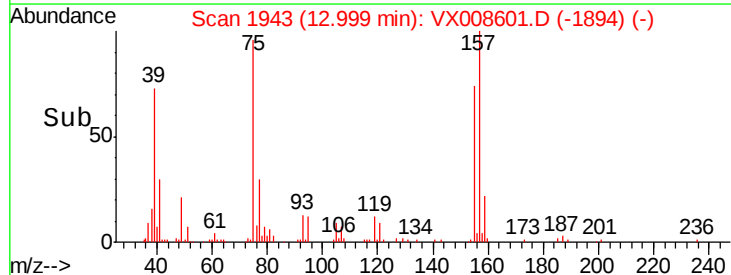
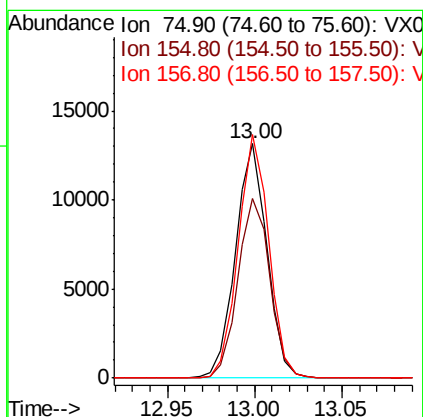
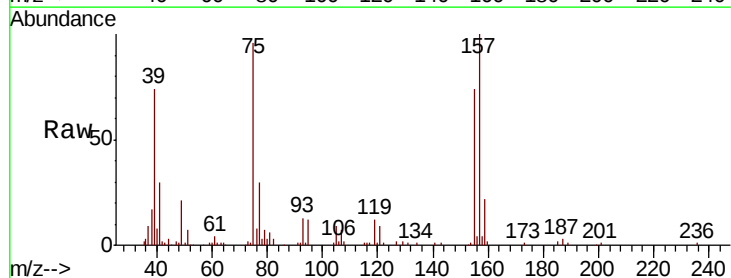
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

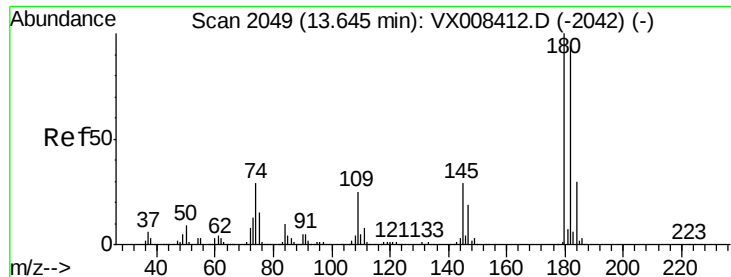
Tot Ion:146 Resp: 82795  
 Ion Ratio Lower Upper  
 146 100  
 111 43.3 21.6 64.6  
 148 64.0 31.9 95.7



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.596 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Tgt Ion: 75 Resp: 16420  
 Ion Ratio Lower Upper  
 75 100  
 155 78.3 39.5 118.5  
 157 100.8 49.9 149.7

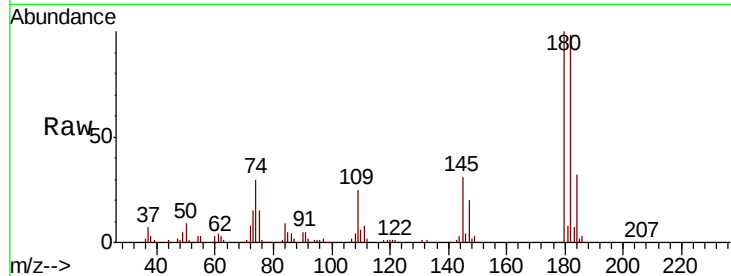




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.156 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0402WBSD03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 47.3  | 142.0 |
| 145     | 31.2  | 15.3  | 45.8  |

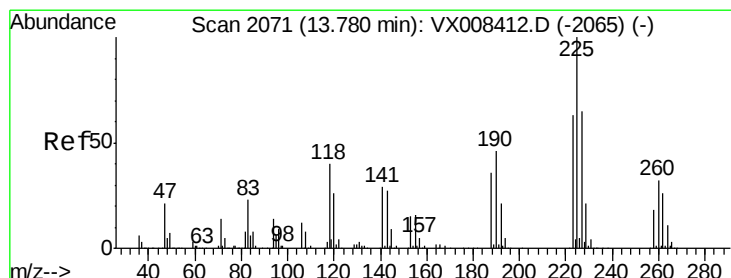
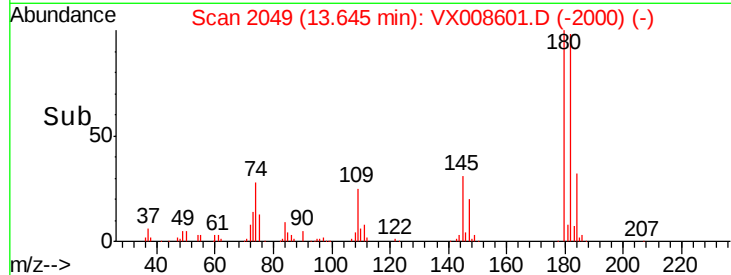
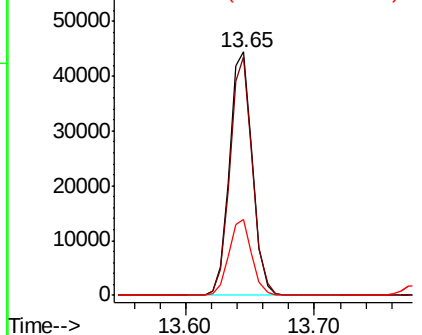


Abundance

Ion 179.80 (179.50 to 180.50): V

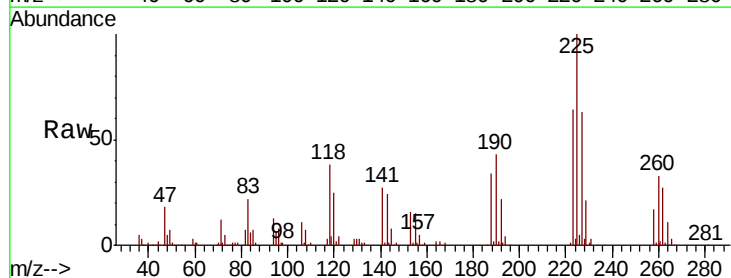
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 20.305 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX008601.D  
 Acq: 02 Apr 2019 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.7  | 31.4  | 94.0  |
| 227     | 62.3  | 31.9  | 95.9  |

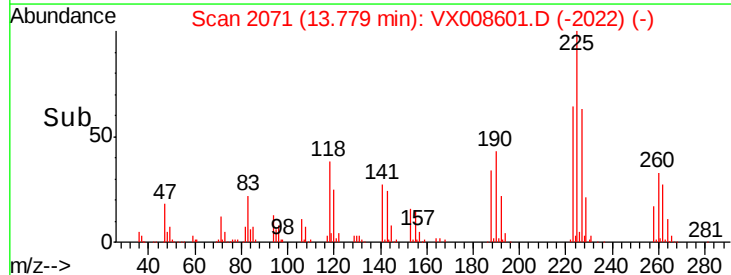
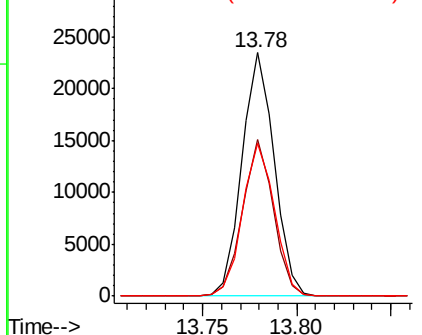


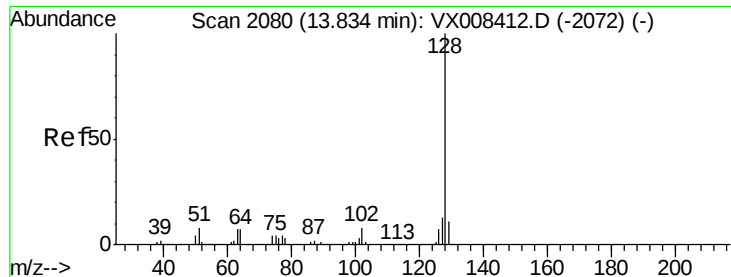
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

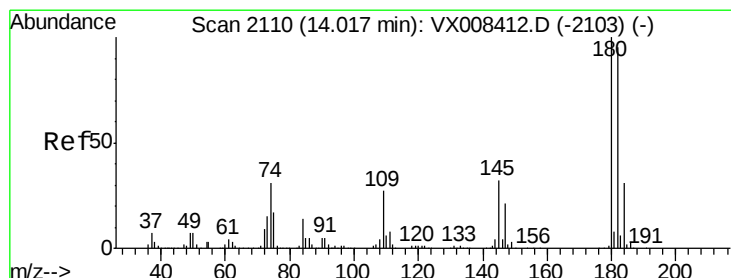
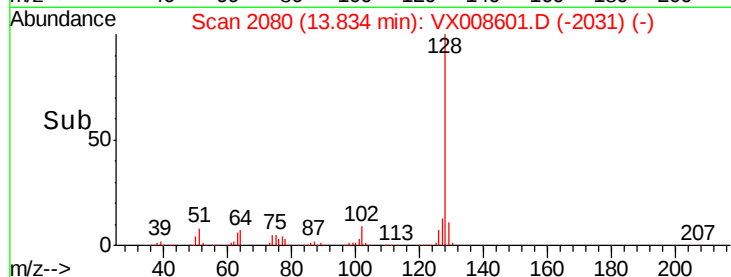
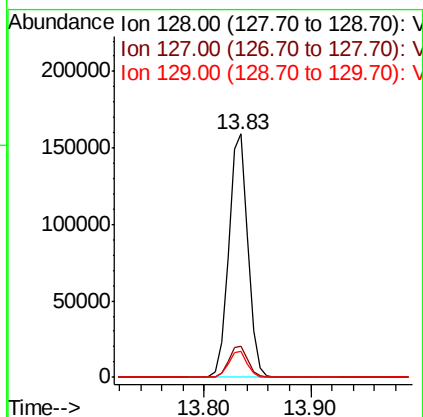
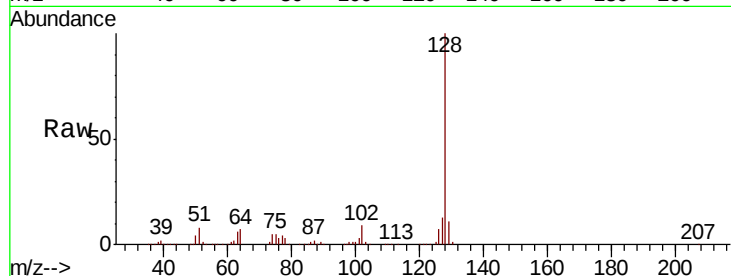




#95  
Naphthalene  
Concen: 20.114 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0402WBSD03

Tot Ion:128 Resp: 199684  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.4 15.6  
129 10.7 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 19.818 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX008601.D  
Acq: 02 Apr 2019 19:25

Tgt Ion:180 Resp: 57666  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.3 142.0  
145 33.2 16.2 48.5

