

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\  
 Data File : VX004369.D  
 Acq On : 05 Sep 2018 14:02  
 Operator : JC/MD  
 Sample : VX0905MBSD01  
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 06 00:45:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 23 05:39:44 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 314372   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 459759   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 421178   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 254088   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 200328   | 48.89 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.78%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 171938   | 50.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.54% |          |
| 50) Toluene-d8              | 8.71  | 98   | 652988   | 50.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.16% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 246297   | 51.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.26% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 66938    | 18.38  | ug/l  | 96     |
| 3) Chloromethane              | 1.32 | 50   | 76603    | 19.21  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 79243    | 19.24  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 38933    | 17.87  | ug/l  | 99     |
| 6) Chloroethane               | 1.72 | 64   | 55621    | 18.30  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 108495   | 19.22  | ug/l  | 96     |
| 8) Diethyl Ether              | 2.18 | 74   | 50954    | 21.08  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 68344    | 19.33  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 67524    | 19.75  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 86052    | 98.52  | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 64251    | 19.29  | ug/l  | 97     |
| 13) Acrolein                  | 2.29 | 56   | 21257    | 100.95 | ug/l  | 97     |
| 14) Allyl chloride            | 2.73 | 41   | 125332   | 20.48  | ug/l  | 97     |
| 15) Acrylonitrile             | 3.15 | 53   | 223714   | 103.43 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 191648   | 110.06 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 144451   | 16.17  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 161273   | 26.52  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 235319   | 21.44  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.85 | 84   | 81984    | 20.79  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 68661    | 18.63  | ug/l  | 99     |
| 22) Diisopropyl ether         | 3.87 | 45   | 243423   | 21.31  | ug/l  | 99     |
| 23) Vinyl Acetate             | 3.82 | 43   | 896626   | 96.83  | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63   | 136917   | 20.56  | ug/l  | 100    |
| 25) 2-Butanone                | 4.70 | 43   | 293731   | 105.34 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 105086   | 20.12  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 83928    | 20.07  | ug/l  | 99     |
| 28) Bromochloromethane        | 5.01 | 49   | 60929    | 20.67  | ug/l  | 97     |
| 29) Tetrahydrofuran           | 5.16 | 42   | 183790   | 104.40 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 136190   | 20.40  | ug/l  | 97     |
| 31) Cyclohexane               | 5.57 | 56   | 112310   | 19.55  | ug/l  | 95     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 110628   | 19.87  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75   | 98486    | 19.05  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.86 | 43   | 103528   | 20.37  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 92428    | 19.01  | ug/l  | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\  
 Data File : VX004369.D  
 Acq On : 05 Sep 2018 14:02  
 Operator : JC/MD  
 Sample : VX0905MBSD01  
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 06 00:45:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 23 05:39:44 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 112802   | 19.11  | ug/l   | 97       |
| 40) Benzene                    | 6.14  | 78   | 312663   | 20.24  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 61421    | 20.85  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 105595   | 20.04  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 162176   | 20.76  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 83306    | 19.49  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 81305    | 21.03  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 50911    | 19.78  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 92747    | 19.37  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.78  | 41   | 85271    | 20.40  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 35360    | 372.62 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 565890   | 99.71  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 197110   | 20.39  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 106110   | 20.06  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 117476   | 20.39  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 82000    | 21.01  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 112682   | 21.21  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 136937   | 20.82  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 283933   | 104.30 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 431877   | 99.75  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 73221    | 19.26  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 81954    | 20.29  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 87715    | 21.08  | ug/l   | 100      |
| 65) Chlorobenzene              | 10.14 | 112  | 208427   | 19.72  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 73371    | 20.12  | ug/l   | 96       |
| 67) Ethyl Benzene              | 10.25 | 91   | 347079   | 20.22  | ug/l   | 95       |
| 68) m/p-Xylenes                | 10.36 | 106  | 272990   | 40.67  | ug/l   | 96       |
| 69) o-Xylene                   | 10.70 | 106  | 137946   | 21.73  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 225735   | 21.96  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 55312    | 18.82  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 376072   | 22.54  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 135379   | 21.07  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 120894   | 20.70  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 135759   | 26.27  | ug/l   | 87       |
| 77) Bromobenzene               | 11.26 | 156  | 100508   | 21.47  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 429257   | 22.36  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 257009   | 21.75  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 312993   | 22.65  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 31707    | 19.91  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 296741   | 21.35  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 309057   | 22.23  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 322581   | 22.74  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 385225   | 23.34  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 343187   | 23.20  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 184451   | 20.93  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 181220   | 19.50  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.39 | 91   | 251698   | 20.92  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 42782    | 20.69  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 161464   | 20.04  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 20654    | 20.08  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\  
Data File : VX004369.D  
Acq On : 05 Sep 2018 14:02  
Operator : JC/MD  
Sample : VX0905MBSD01  
Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

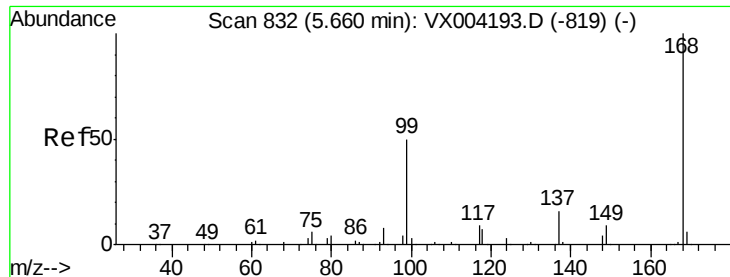
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Sep 06 00:45:44 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 23 05:39:44 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 133762   | 22.82 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 68171    | 24.93 | ug/l  | 95       |
| 95) Naphthalene            | 13.83 | 128  | 403341   | 24.33 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 142344   | 22.94 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

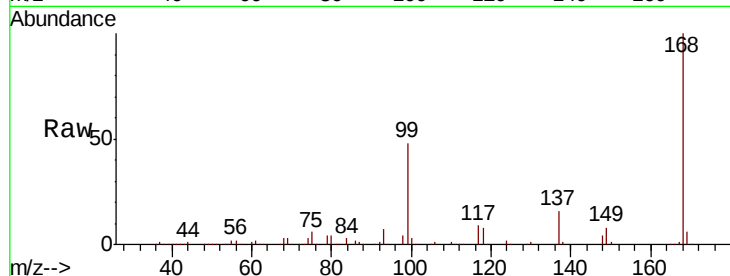
ClientSampleId :

Tot Ion:168 Resp: 314372

Ion Ratio Lower Upper

168 100

99 47.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

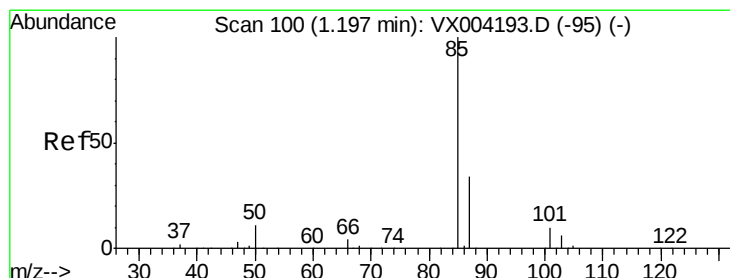
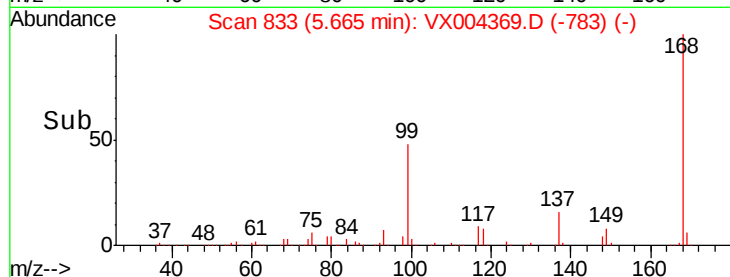
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.38 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004369.D

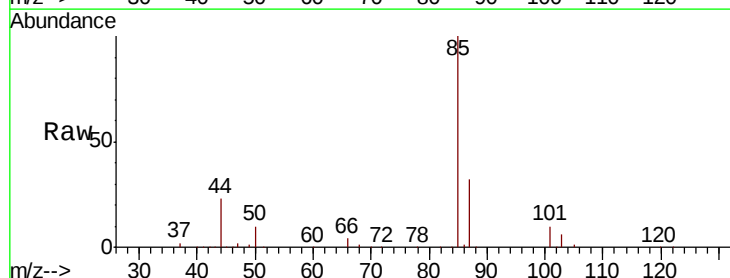
Acq: 05 Sep 2018 14:02

Tgt Ion: 85 Resp: 66938

Ion Ratio Lower Upper

85 100

87 31.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

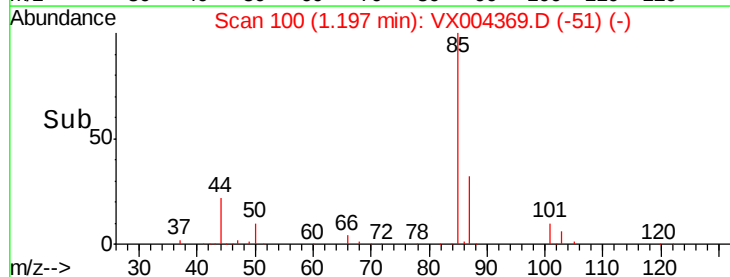
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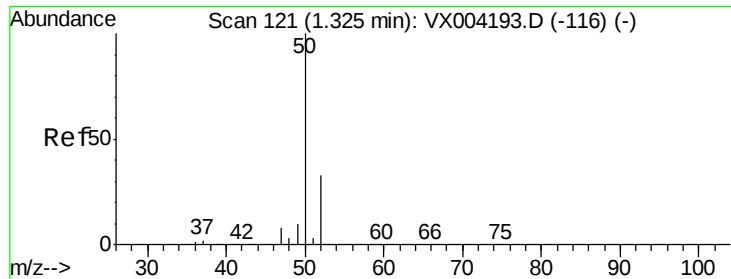
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

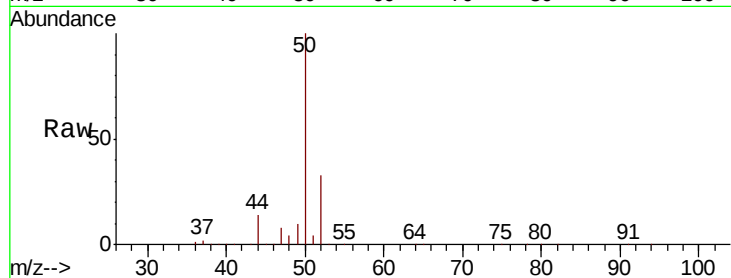
ClientSampleId :

Tot Ion: 50 Resp: 76603

Ion Ratio Lower Upper

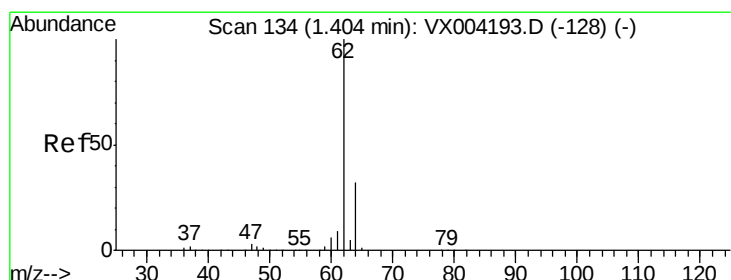
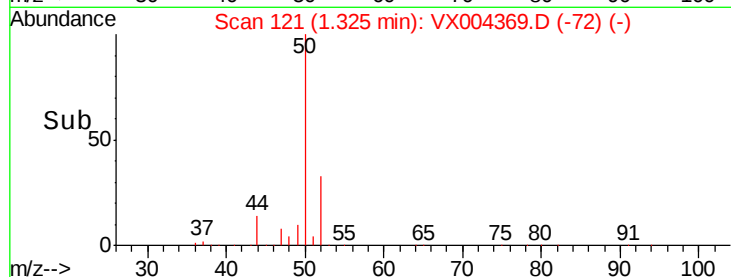
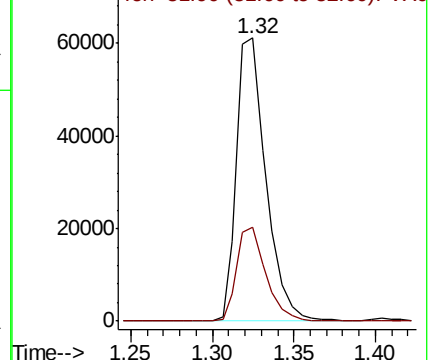
50 100

52 33.4 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: 19.24 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004369.D

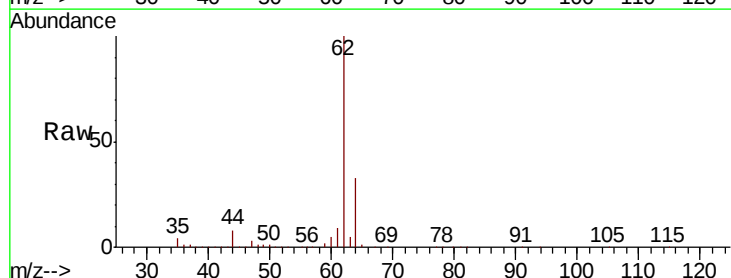
Acq: 05 Sep 2018 14:02

Tgt Ion: 62 Resp: 79243

Ion Ratio Lower Upper

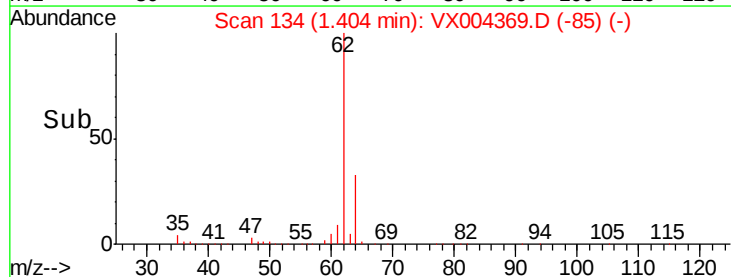
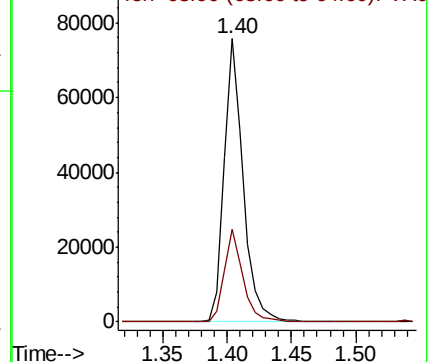
62 100

64 32.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

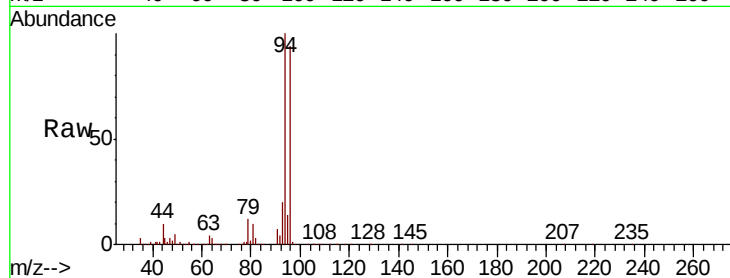
ClientSampleId :

Tot Ion: 94 Resp: 38933

Ion Ratio Lower Upper

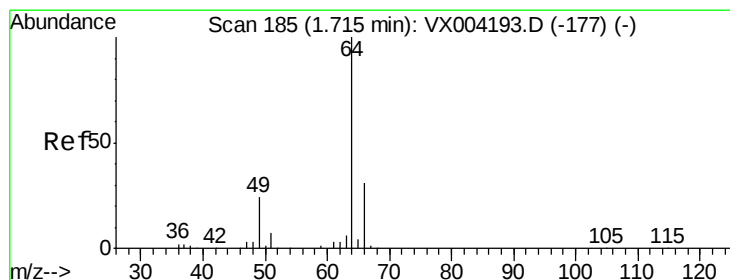
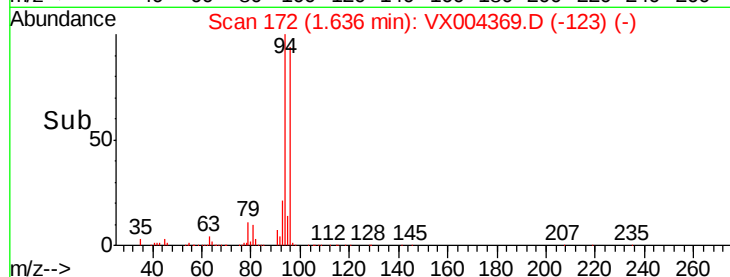
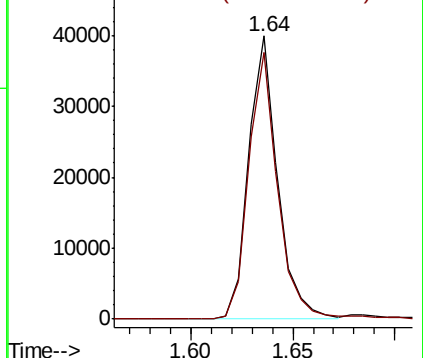
94 100

96 94.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004369.D

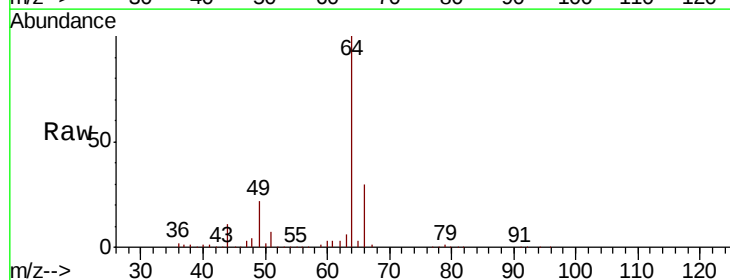
Acq: 05 Sep 2018 14:02

Tgt Ion: 64 Resp: 55621

Ion Ratio Lower Upper

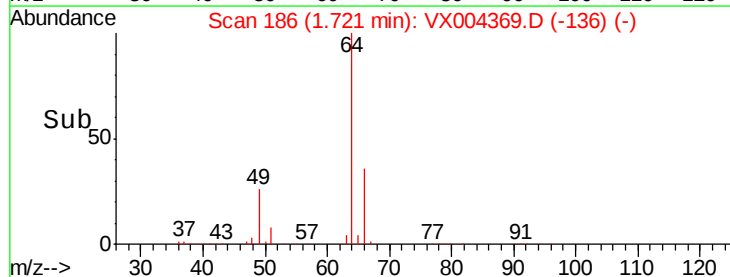
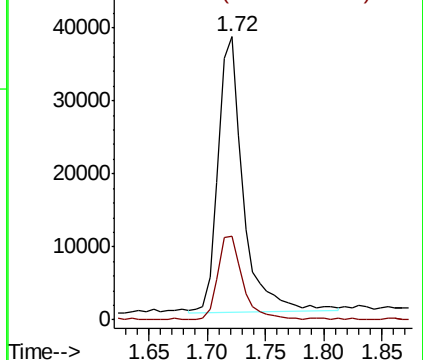
64 100

66 30.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.22 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

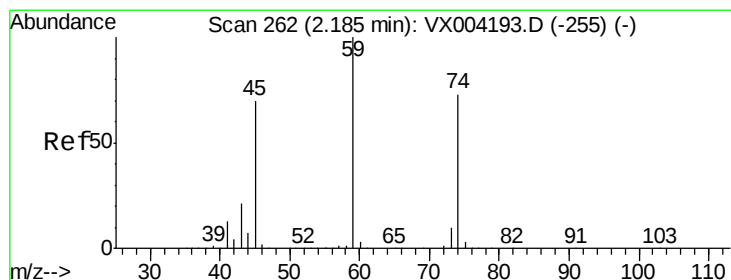
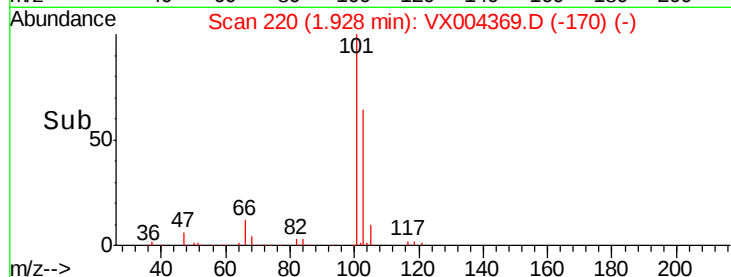
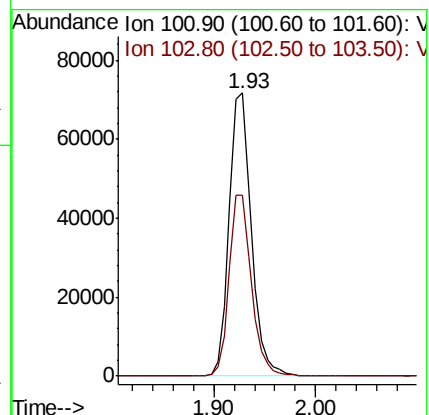
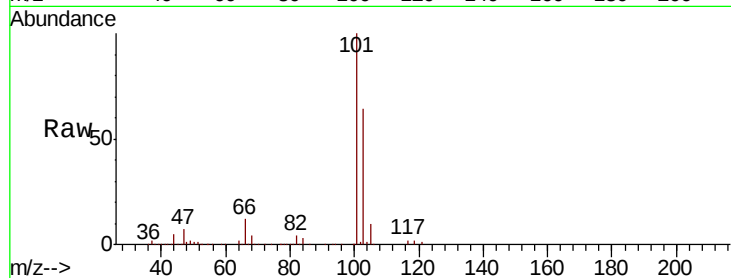
ClientSampleId :

Tot Ion:101 Resp: 108495

Ion Ratio Lower Upper

101 100

103 63.9 48.9 73.3



#8

Diethyl Ether

Concen: 21.08 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.00 min

Lab File: VX004369.D

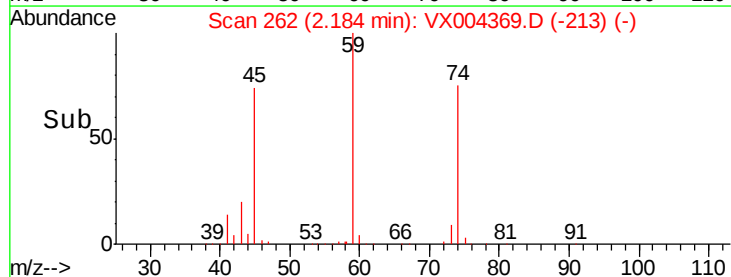
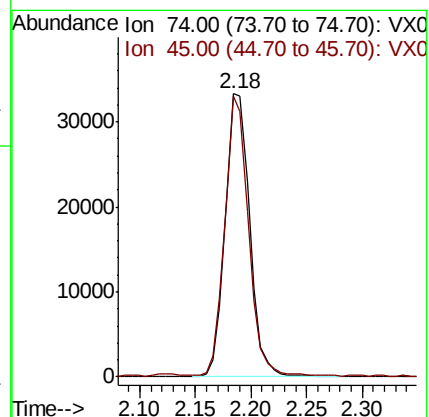
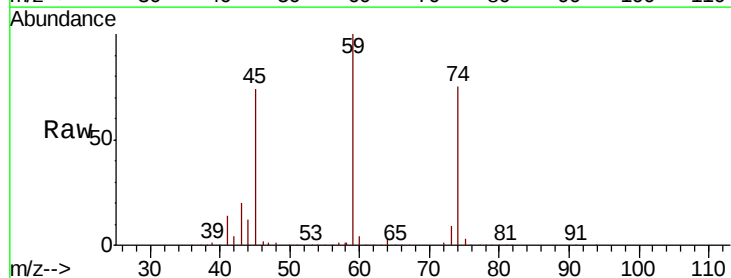
Acq: 05 Sep 2018 14:02

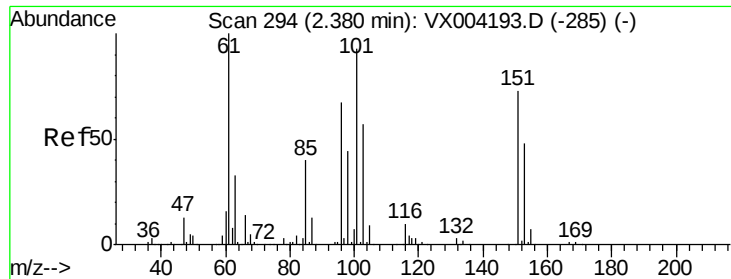
Tgt Ion: 74 Resp: 50954

Ion Ratio Lower Upper

74 100

45 95.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.33 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

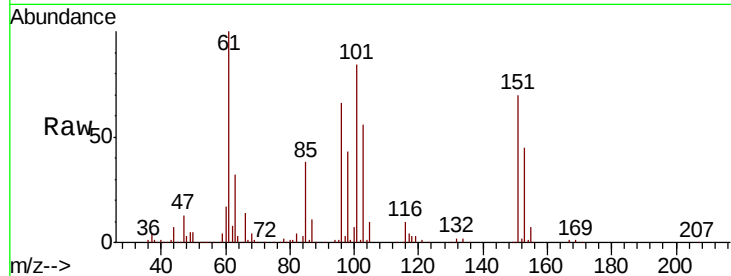
Tot Ion:101 Resp: 68344

Ion Ratio Lower Upper

101 100

85 43.5 34.2 51.4

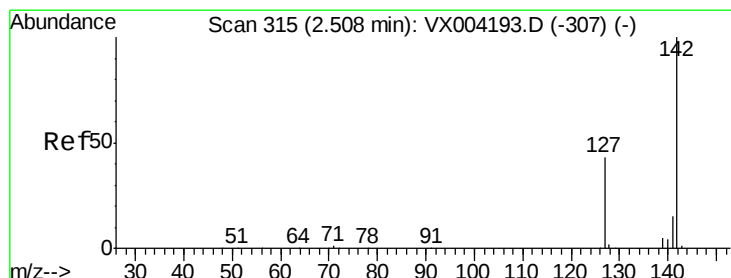
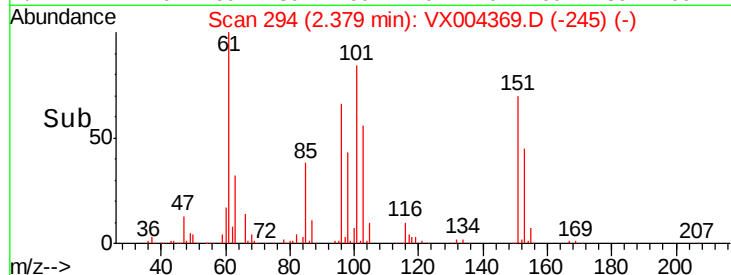
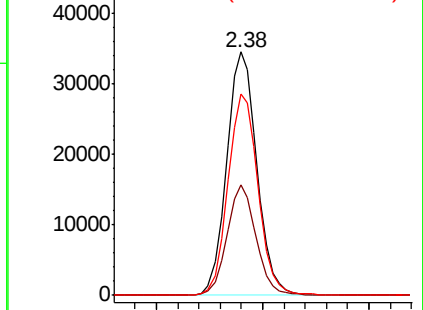
151 82.7 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.75 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

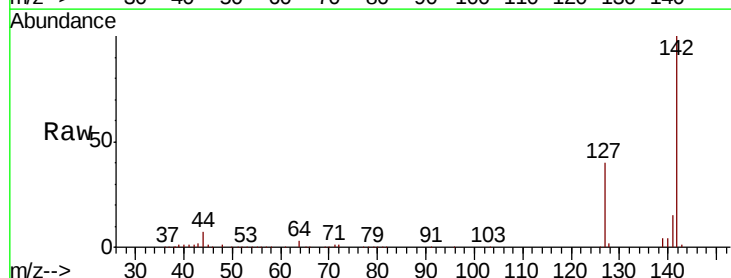
Tgt Ion:142 Resp: 67524

Ion Ratio Lower Upper

142 100

127 41.0 33.8 50.6

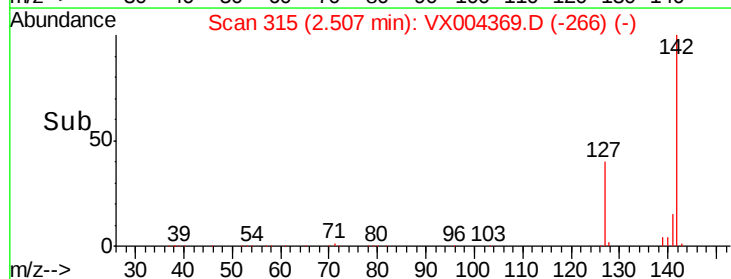
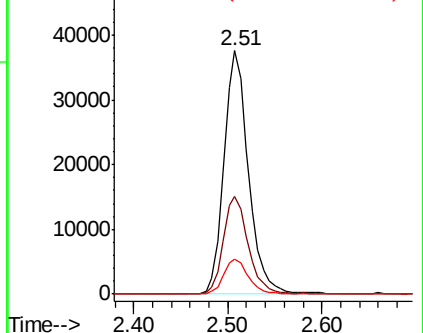
141 14.4 11.4 17.0

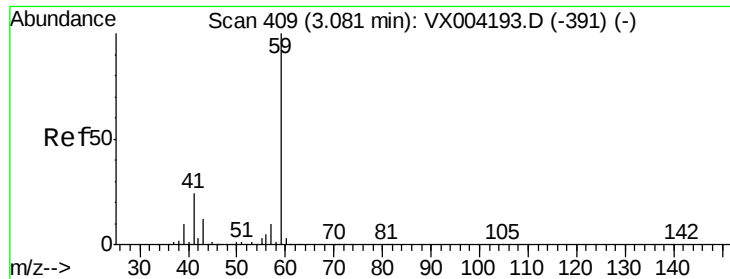


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

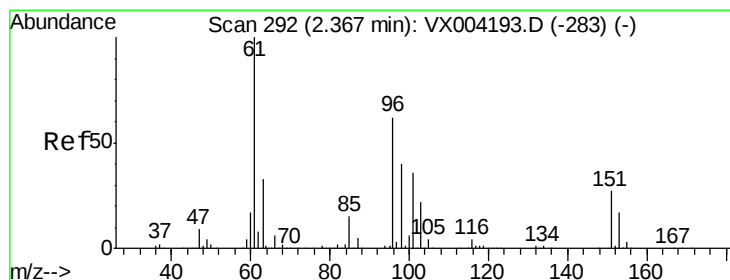
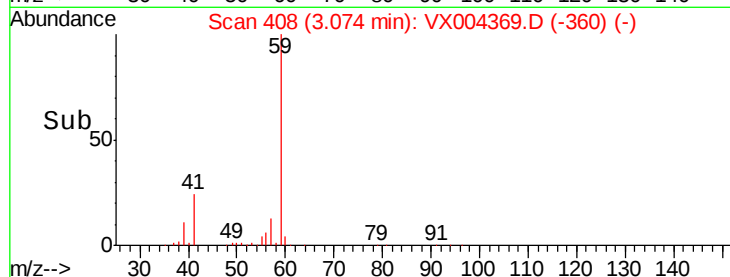
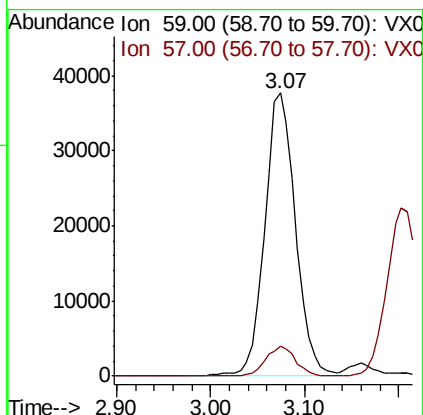
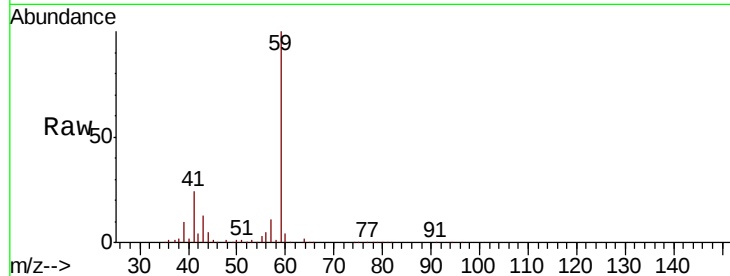




#11  
Tert butyl alcohol  
Concen: 98.52 ug/l  
RT: 3.07 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

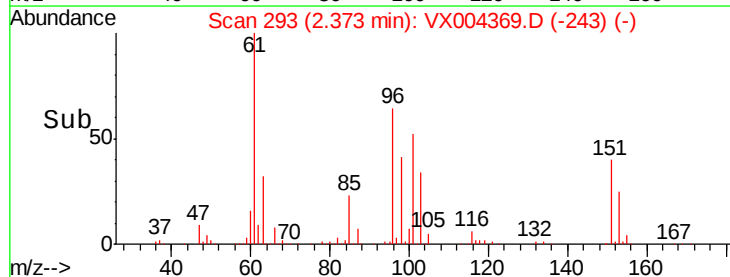
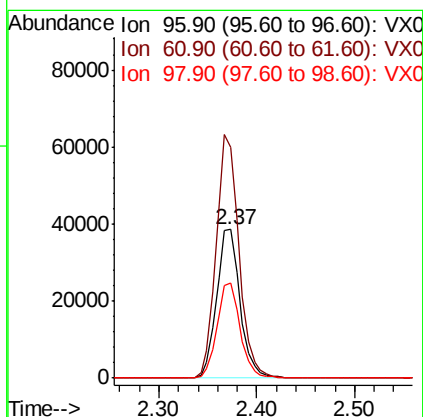
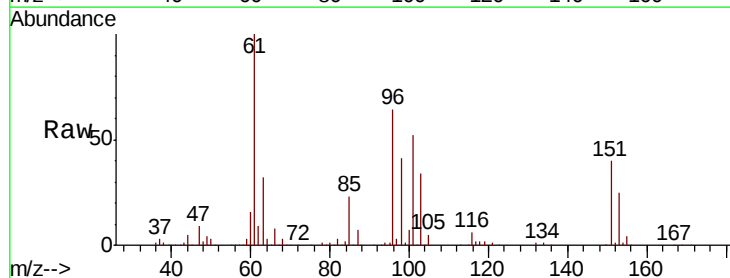
Instrument :  
MSVOA\_X  
ClientSampleId :

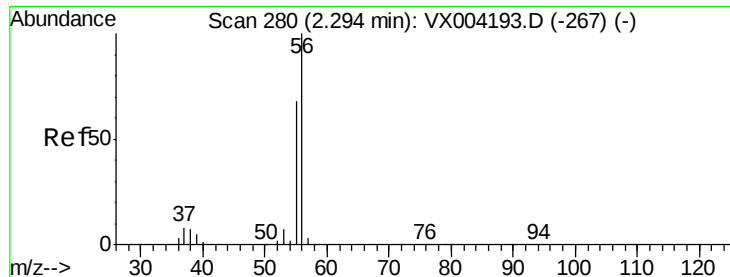
Tot Ion: 59 Resp: 86052  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 19.29 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. 0.01 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion: 96 Resp: 64251  
Ion Ratio Lower Upper  
96 100  
61 155.7 128.8 193.2  
98 63.9 52.2 78.2





#13

Acrolein

Concen: 100.95 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

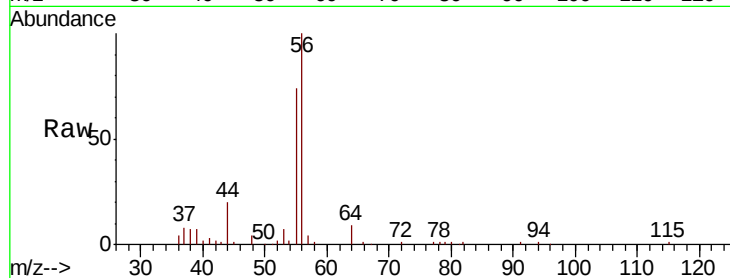
ClientSampleId :

Tot Ion: 56 Resp: 21257

Ion Ratio Lower Upper

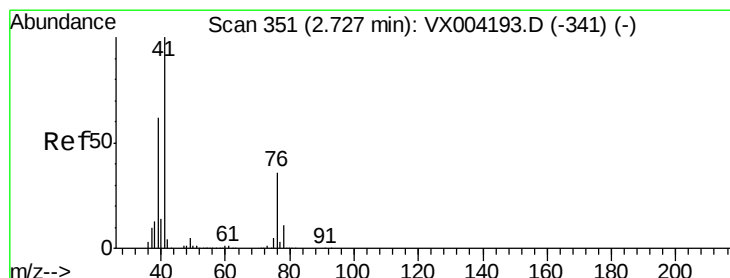
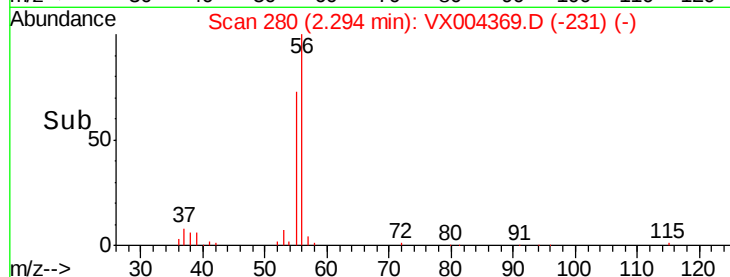
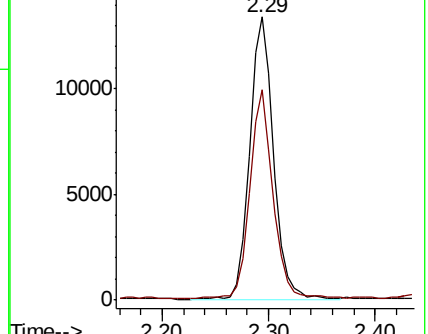
56 100

55 71.1 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

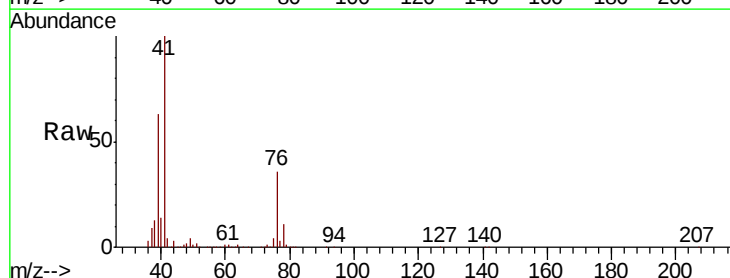
Tgt Ion: 41 Resp: 125332

Ion Ratio Lower Upper

41 100

39 58.8 48.9 73.3

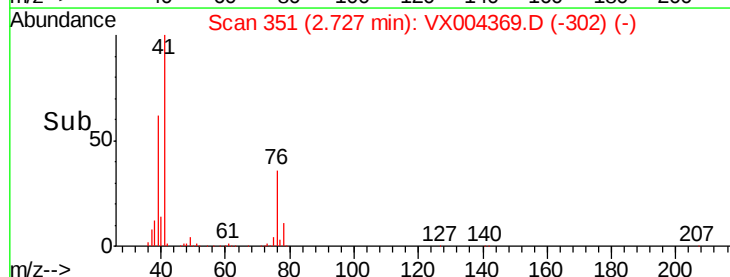
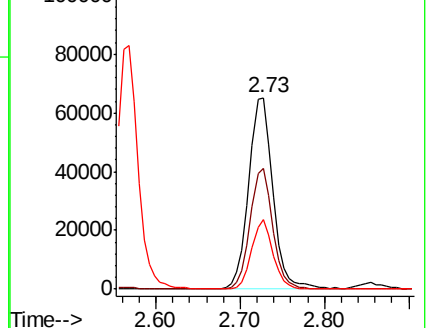
76 32.4 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.43 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :  
MSVOA\_X  
ClientSampled :

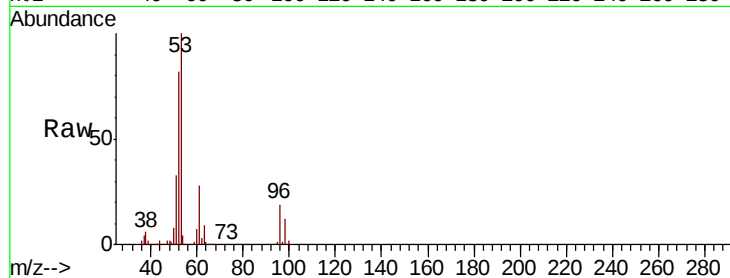
Tot Ion: 53 Resp: 223714

Ion Ratio Lower Upper

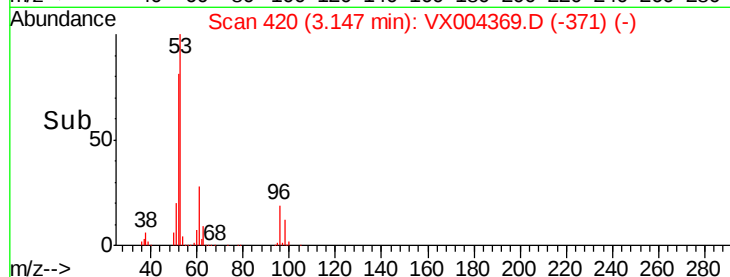
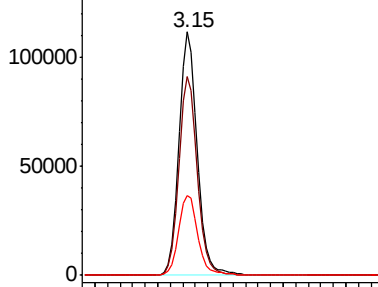
53 100

52 82.3 65.2 97.8

51 34.6 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 110.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004369.D

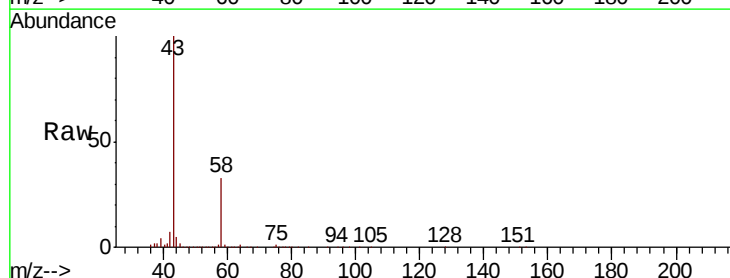
Acq: 05 Sep 2018 14:02

Tgt Ion: 43 Resp: 191648

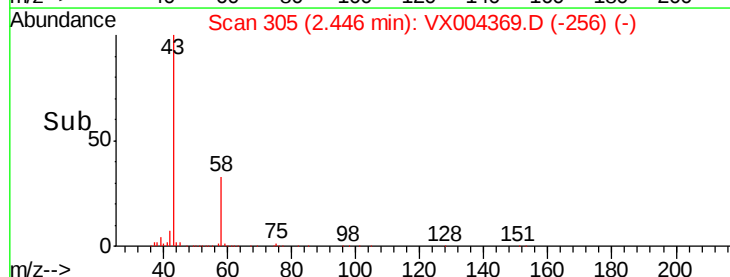
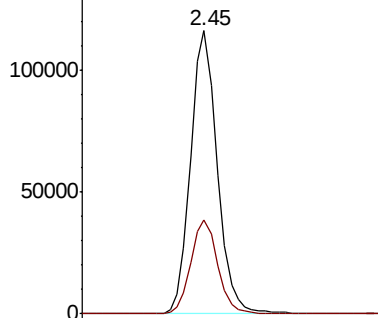
Ion Ratio Lower Upper

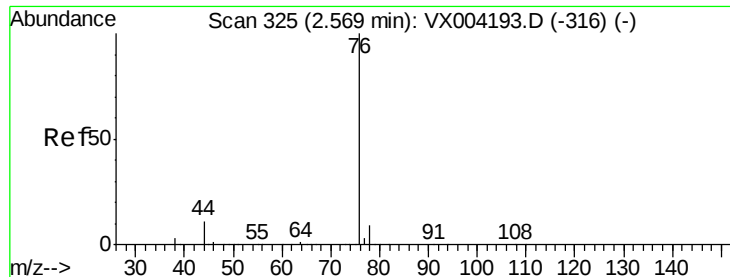
43 100

58 33.2 26.2 39.4



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

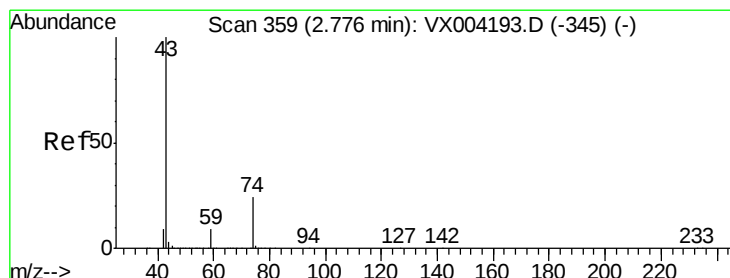
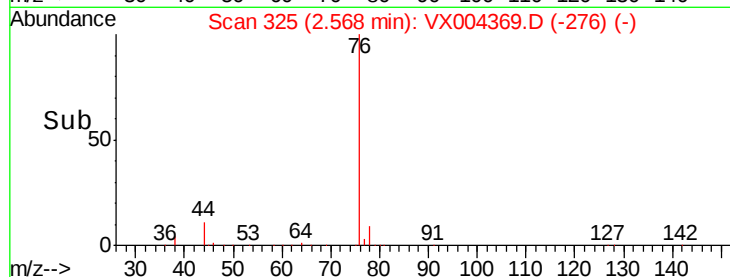
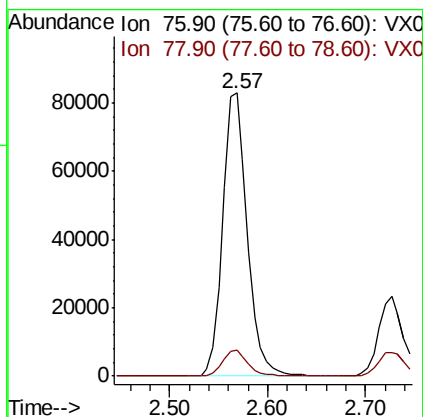
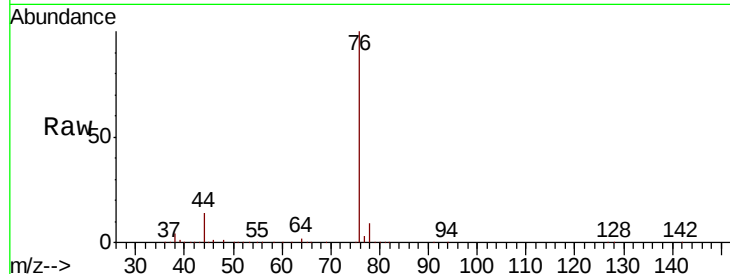




#17  
Carbon Disulfide  
Concen: 16.17 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

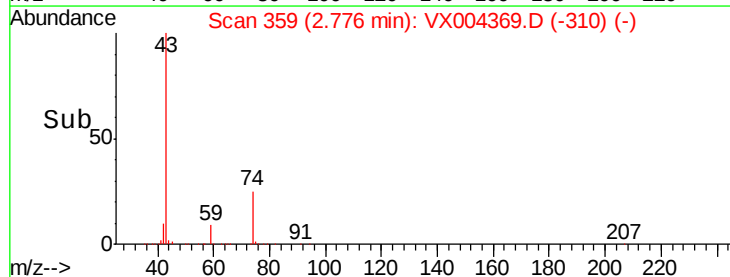
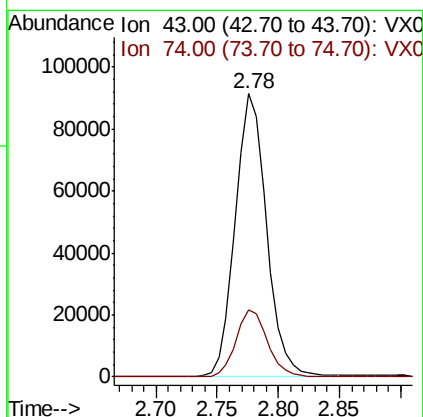
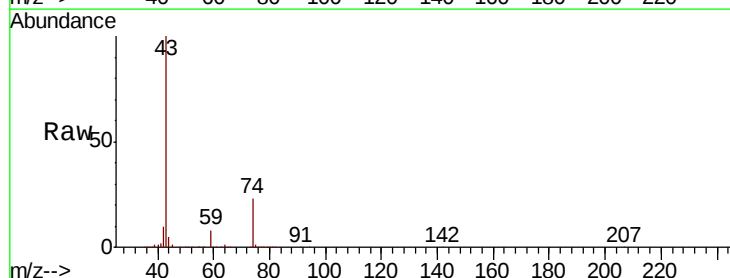
Instrument :  
MSVOA\_X  
ClientSampleId :

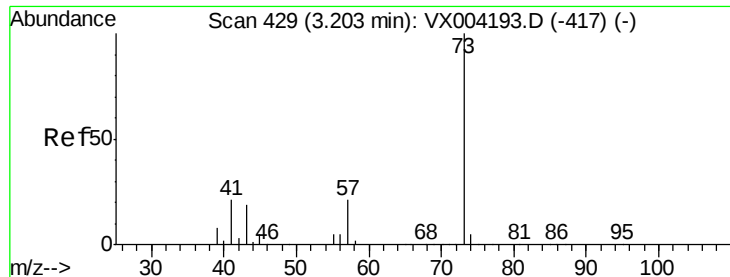
Tot Ion: 76 Resp: 144451  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.6



#18  
Methyl Acetate  
Concen: 26.52 ug/l  
RT: 2.78 min Scan# 359  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion: 43 Resp: 161273  
Ion Ratio Lower Upper  
43 100  
74 23.4 19.4 29.2

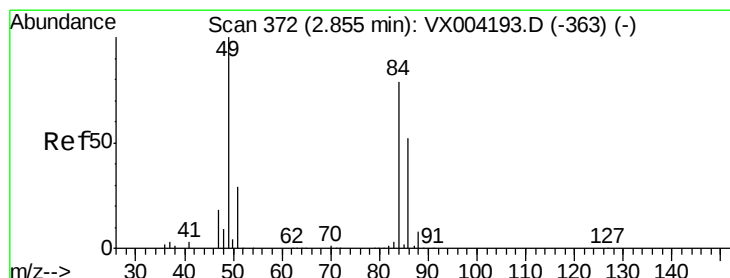
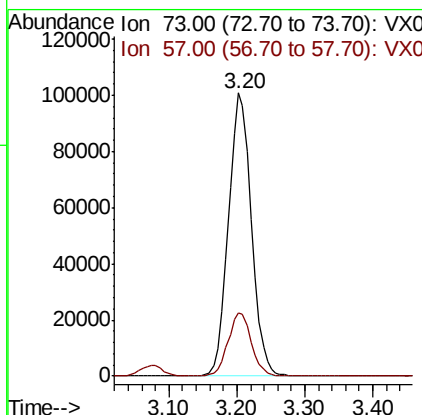
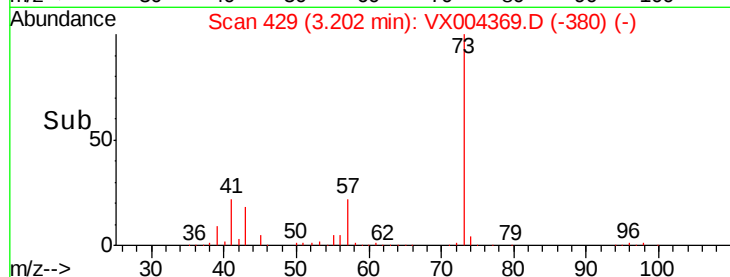
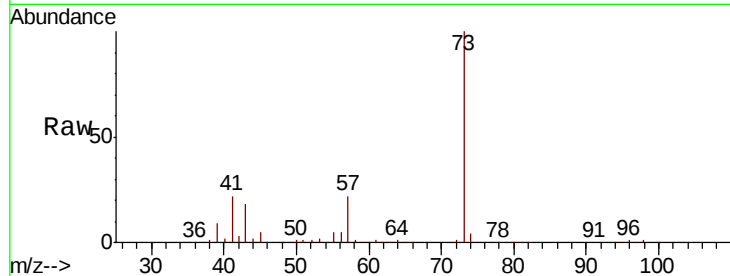




#19  
Methyl tert-butyl Ether  
Concen: 21.44 ug/l  
RT: 3.20 min Scan# 429  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

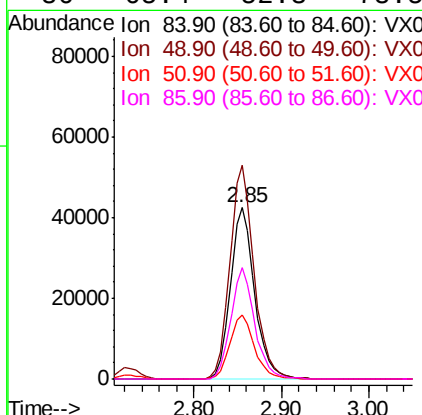
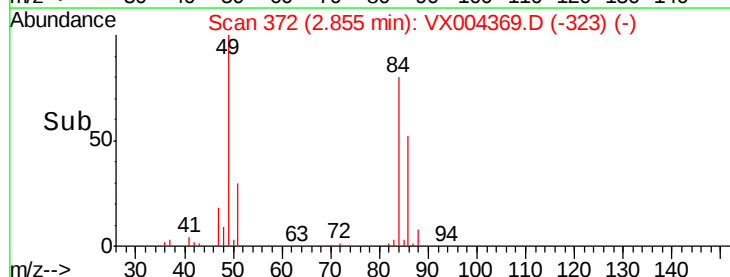
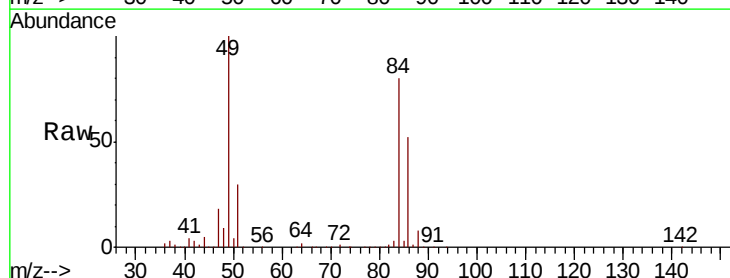
Instrument :  
MSVOA\_X  
ClientSampled :

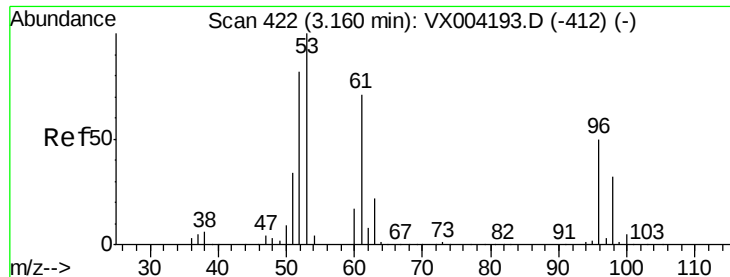
Tot Ion: 73 Resp: 235319  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.1 25.7



#20  
Methylene Chloride  
Concen: 20.79 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion: 84 Resp: 81984  
Ion Ratio Lower Upper  
84 100  
49 124.8 101.2 151.8  
51 37.3 29.5 44.3  
86 65.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.63 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

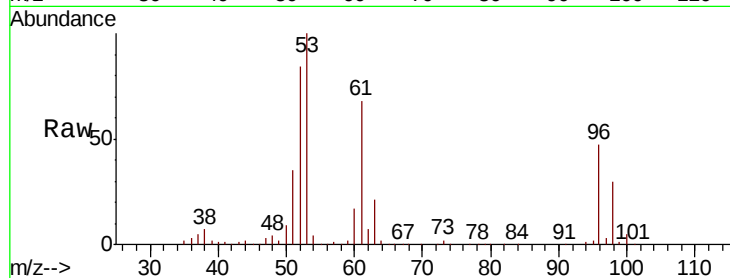
Tot Ion: 96 Resp: 68661

Ion Ratio Lower Upper

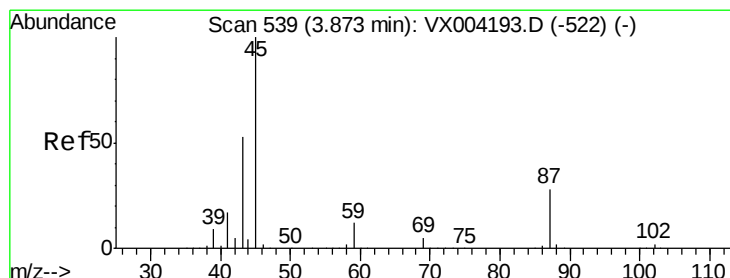
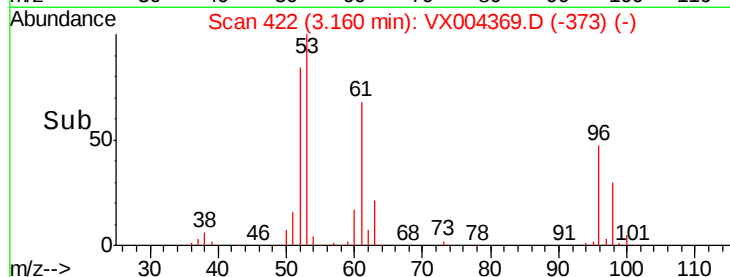
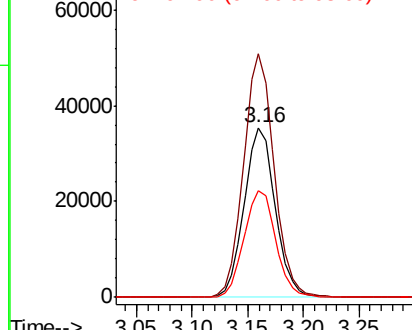
96 100

61 143.2 113.8 170.6

98 62.9 51.8 77.8



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



#22

Diisopropyl ether

Concen: 21.31 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Tgt Ion: 45 Resp: 243423

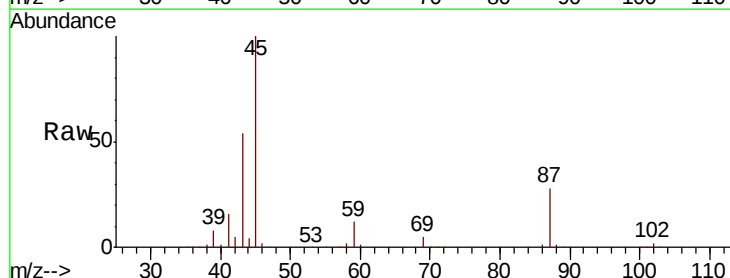
Ion Ratio Lower Upper

45 100

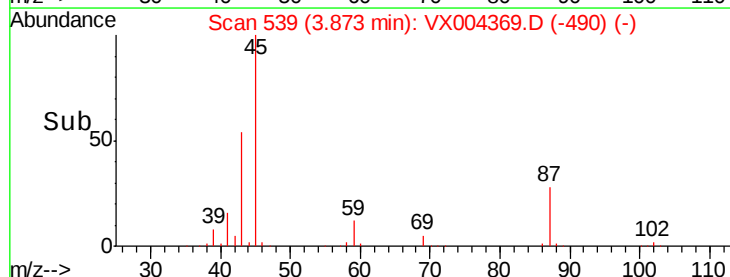
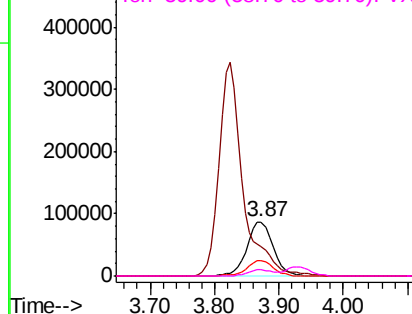
43 54.0 42.8 64.2

87 27.8 22.6 34.0

59 12.1 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0  
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.83 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

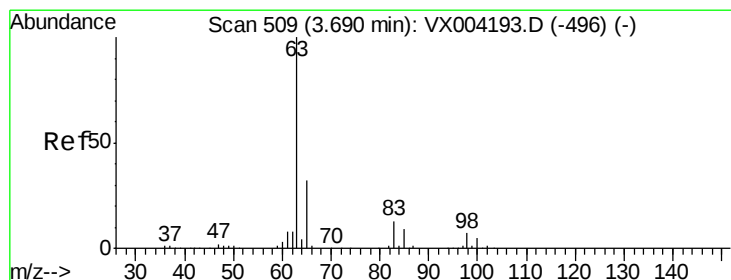
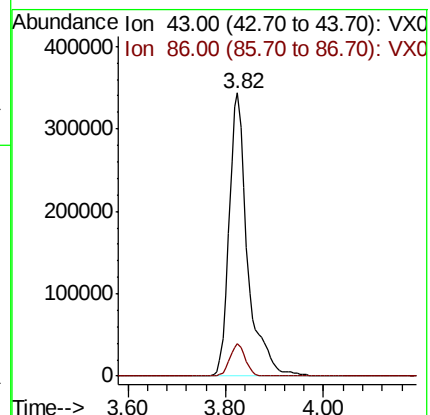
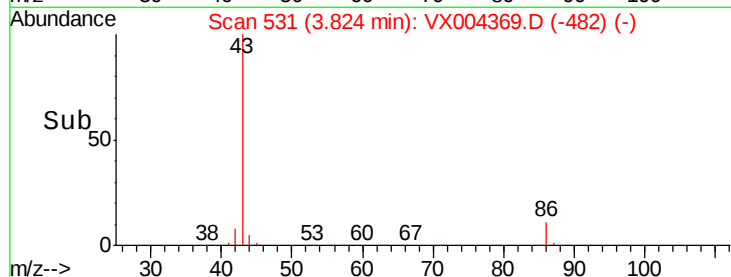
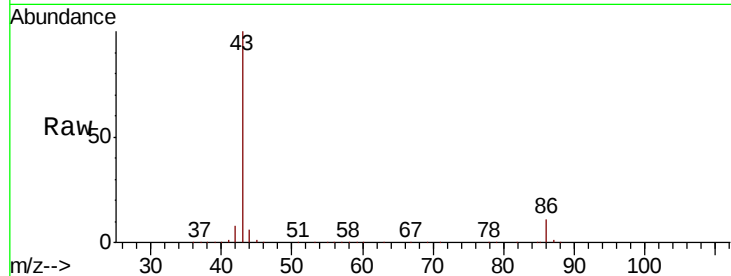
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 43 Resp: 896626

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.56 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

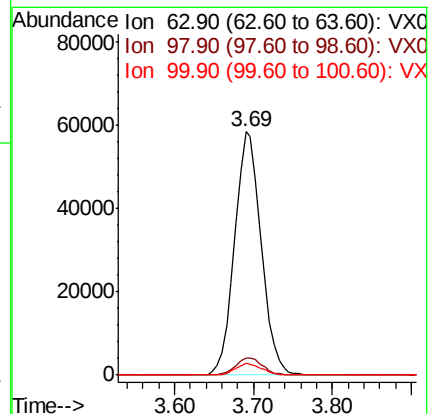
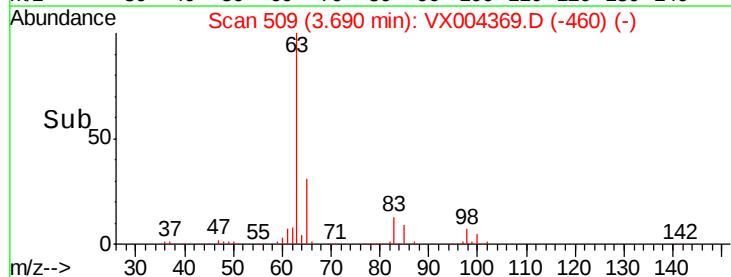
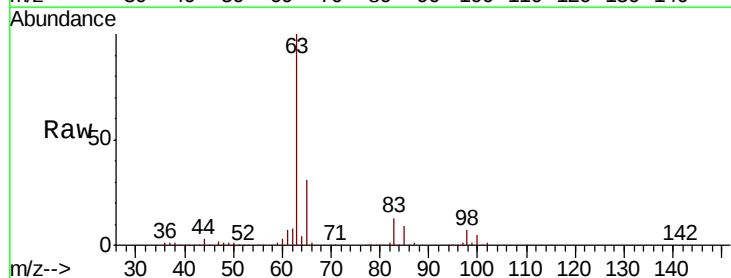
Tgt Ion: 63 Resp: 136917

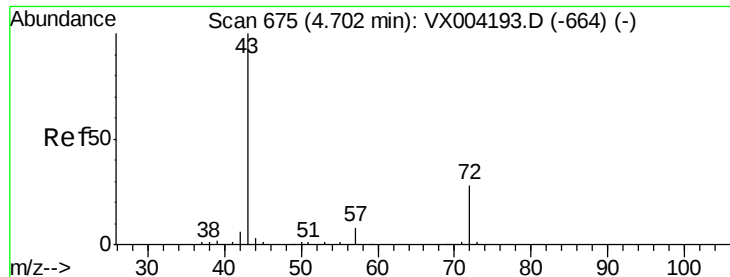
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 105.34 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

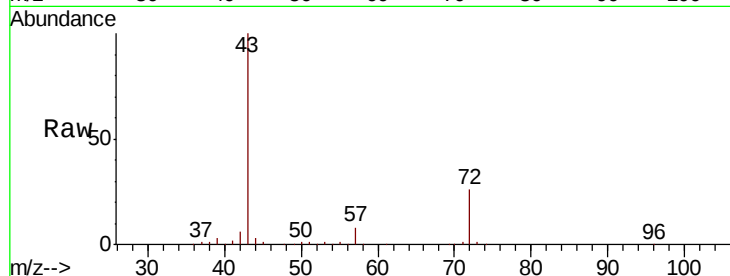
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 293731

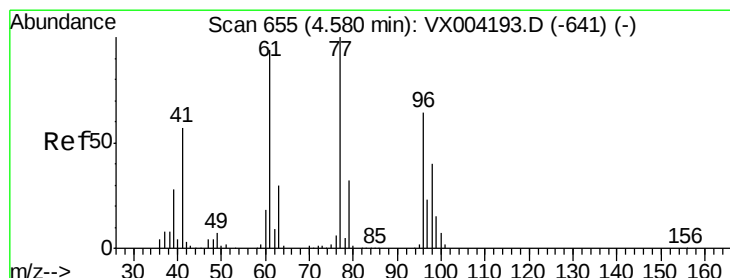
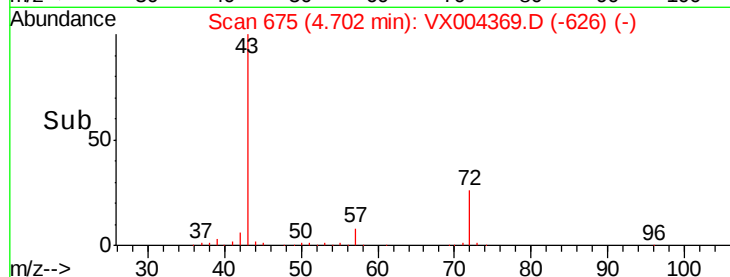
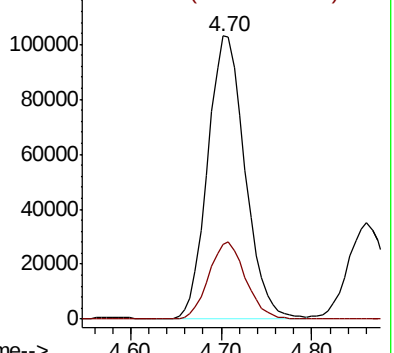
Ion Ratio Lower Upper

43 100

72 26.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.12 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004369.D

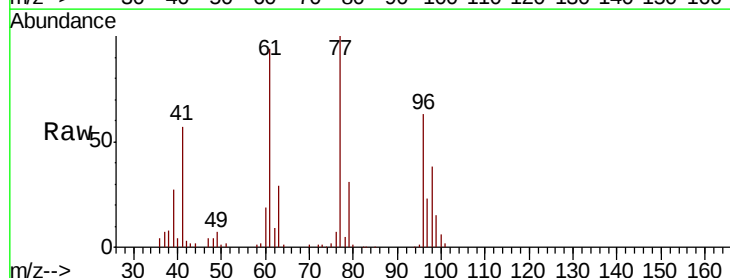
Acq: 05 Sep 2018 14:02

Tgt Ion: 77 Resp: 105086

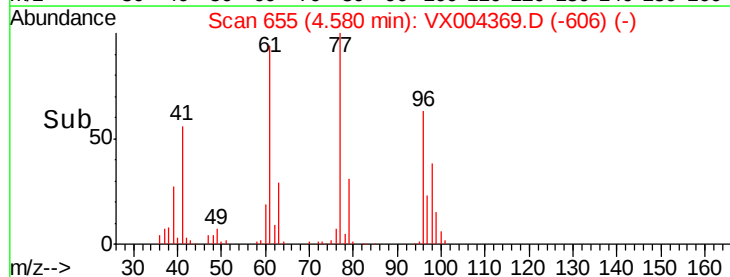
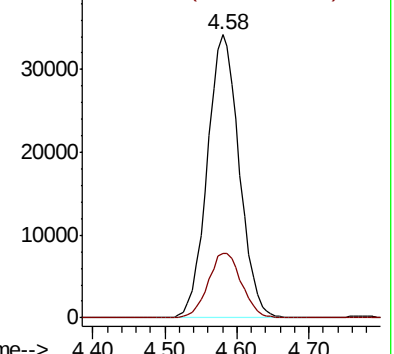
Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0  
Ion 96.90 (96.60 to 97.60): VX0



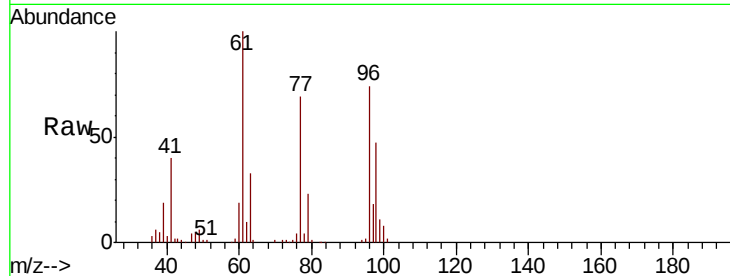


#27

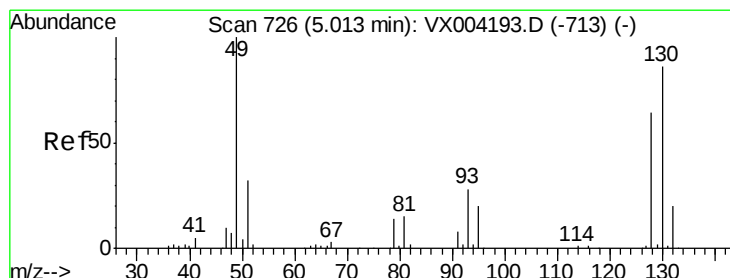
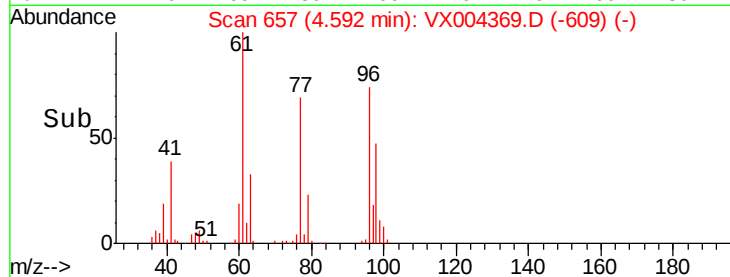
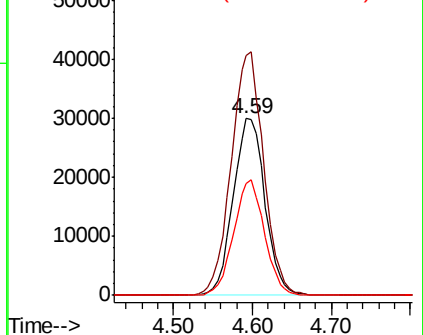
cis-1,2-Dichloroethene  
Concen: 20.07 ug/l  
RT: 4.59 min Scan# 657  
Delta R.T. -0.01 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | 96    | Resp  | 83928 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 140.6 | 0.0   | 282.6 |
| 98      | 63.3  | 0.0   | 130.2 |



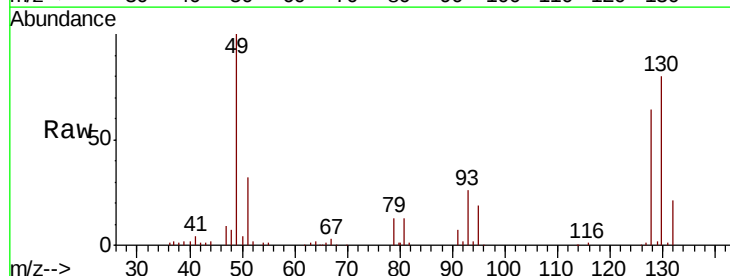
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



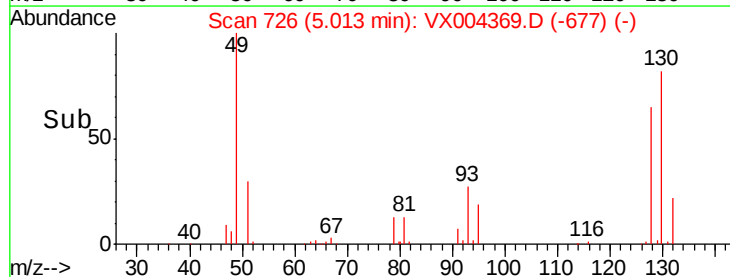
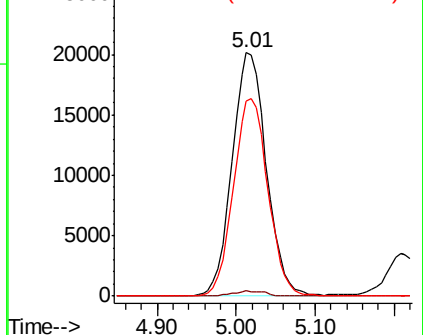
#28

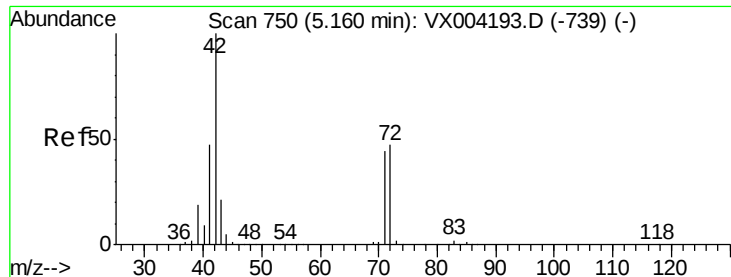
Bromochloromethane  
Concen: 20.67 ug/l  
RT: 5.01 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

| Tgt Ion | 49    | Resp  | 60929 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 4.2   |
| 130     | 81.5  | 67.5  | 101.3 |



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 104.40 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

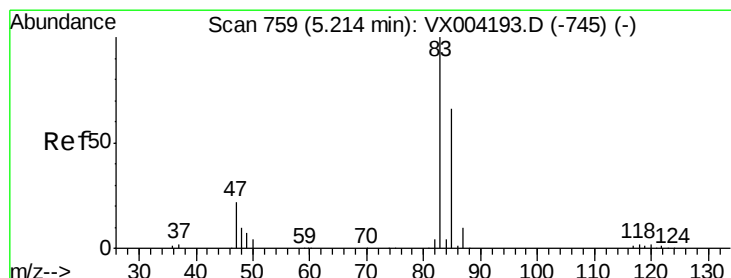
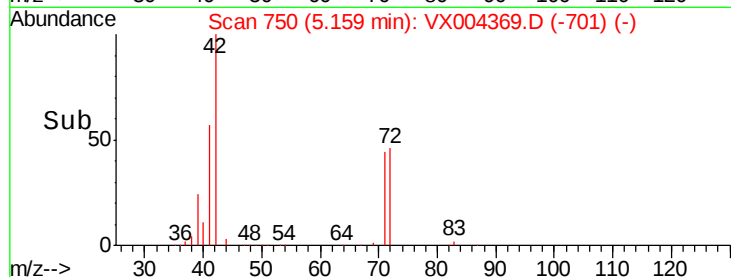
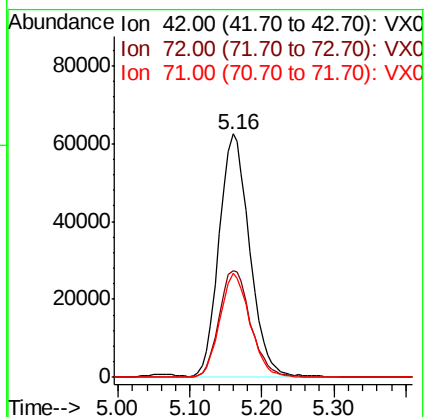
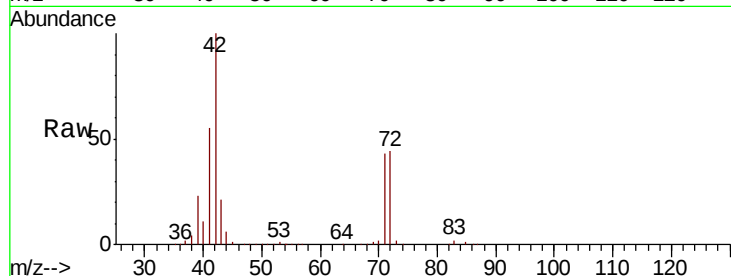
Tot Ion: 42 Resp: 183790

Ion Ratio Lower Upper

42 100

72 45.7 37.4 56.0

71 42.4 34.5 51.7



#30

Chloroform

Concen: 20.40 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004369.D

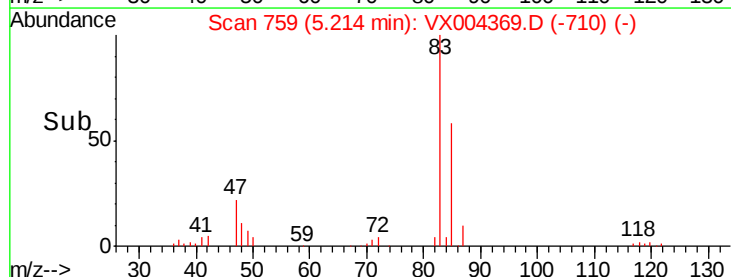
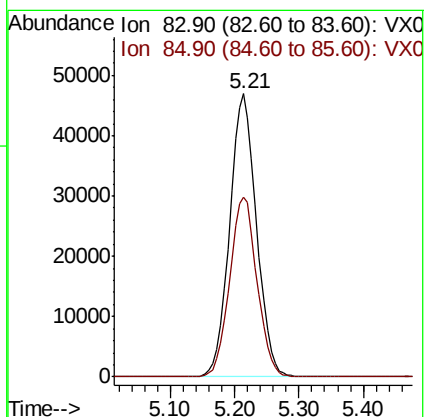
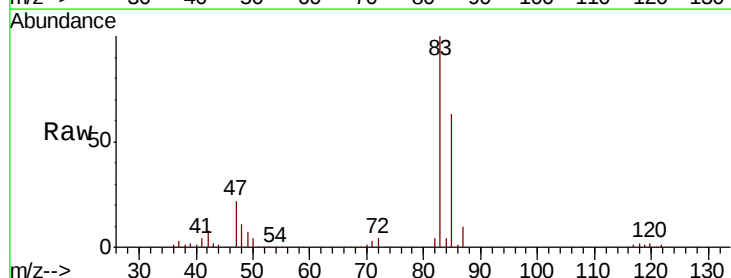
Acq: 05 Sep 2018 14:02

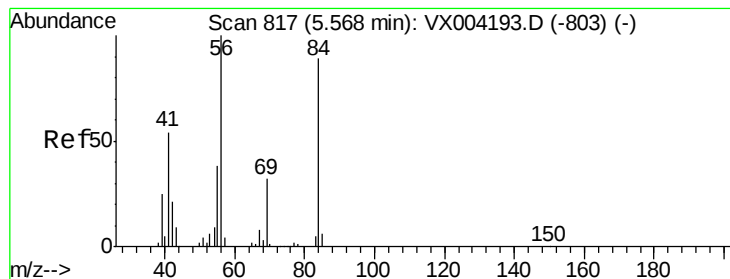
Tgt Ion: 83 Resp: 136190

Ion Ratio Lower Upper

83 100

85 63.4 52.6 79.0





#31

Cyclohexane

Concen: 19.55 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :

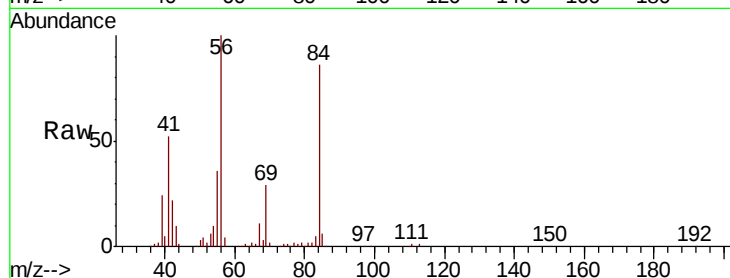
Tot Ion: 56 Resp: 112310

Ion Ratio Lower Upper

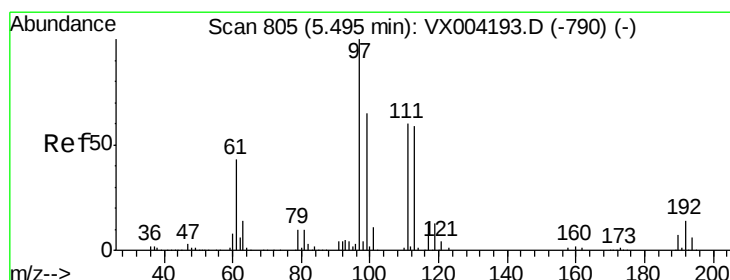
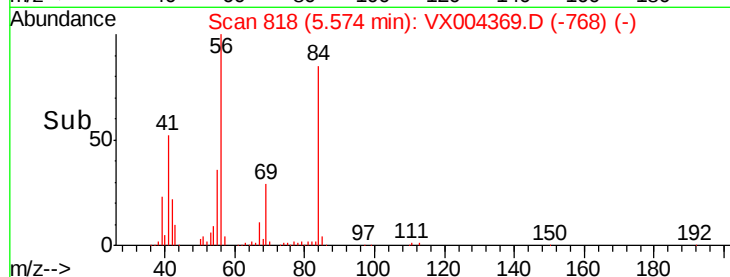
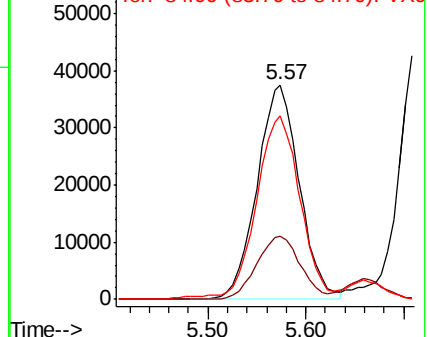
56 100

69 29.4 25.4 38.2

84 84.4 71.4 107.2



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: 19.87 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

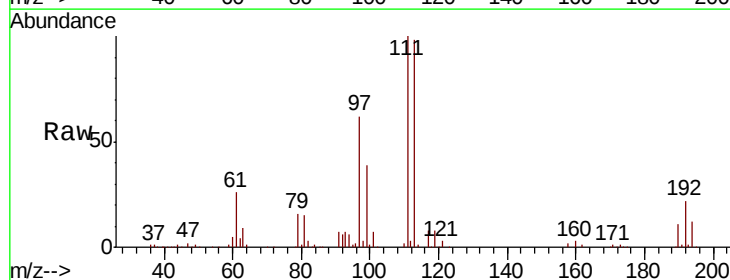
Tgt Ion: 97 Resp: 110628

Ion Ratio Lower Upper

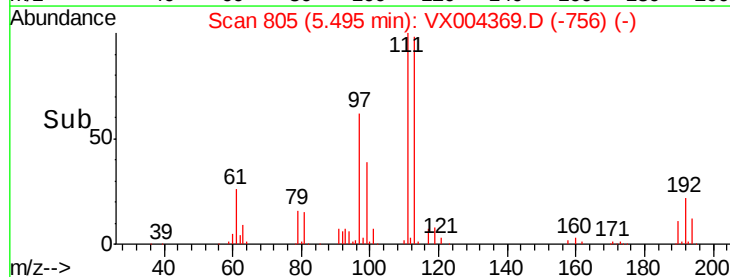
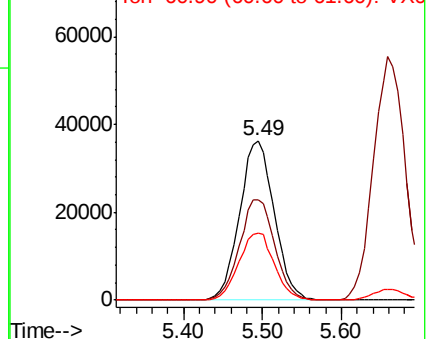
97 100

99 64.3 52.0 78.0

61 43.3 34.9 52.3



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

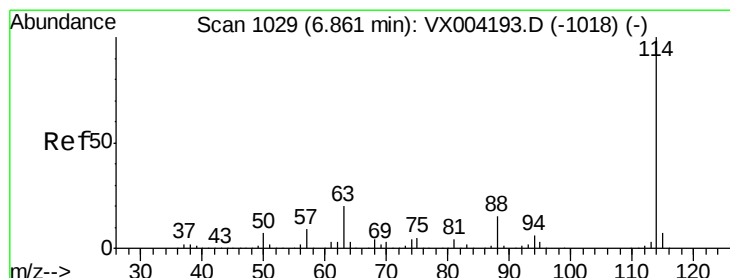
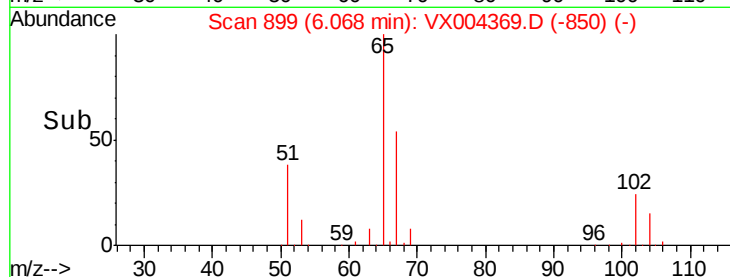
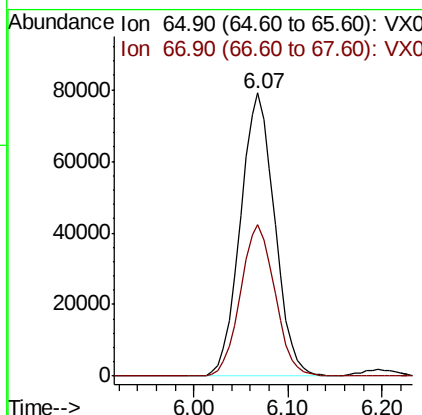
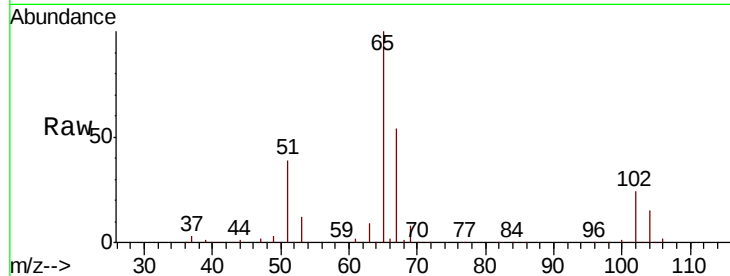




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.89 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

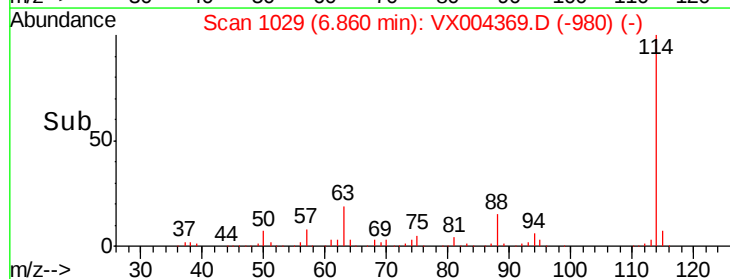
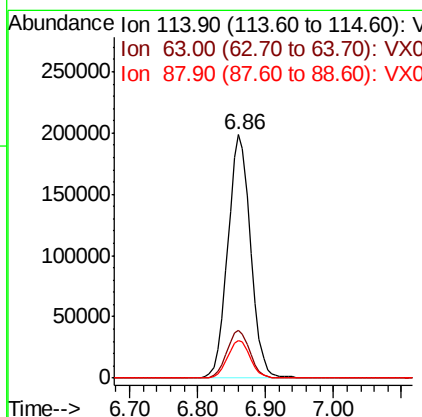
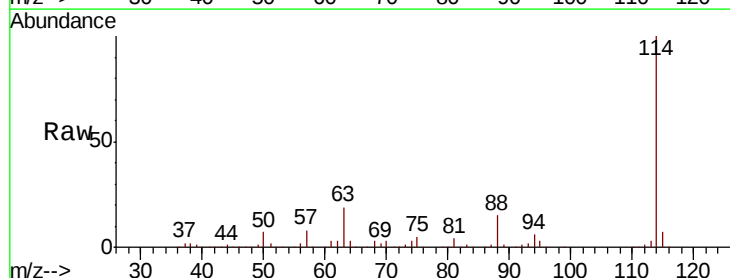
Instrument :  
 MSVOA\_X  
 ClientSampleId :

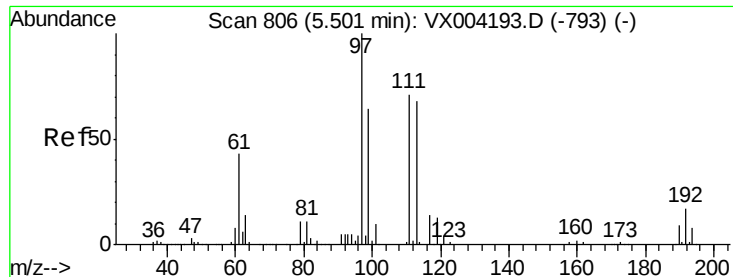
Tot Ion: 65 Resp: 200328  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

Tgt Ion: 114 Resp: 459759  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 39.0  
 88 15.4 0.0 30.4

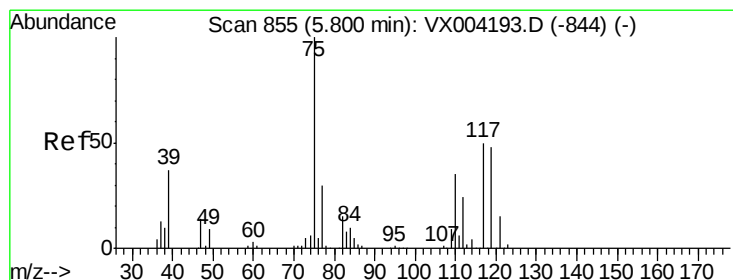
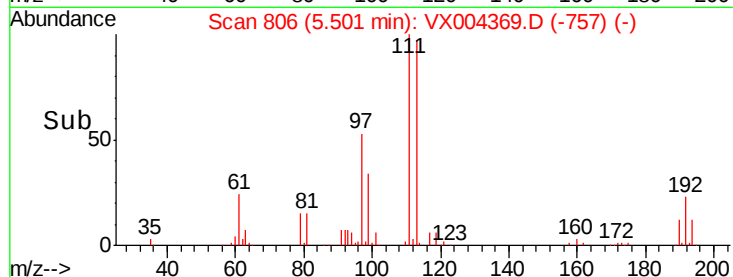
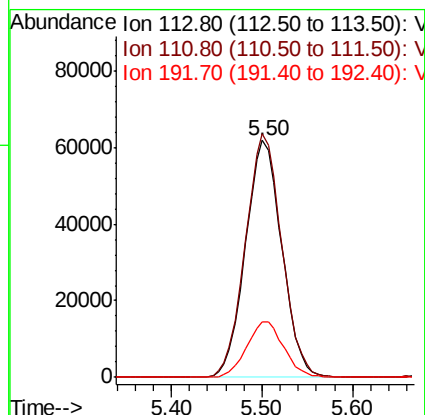
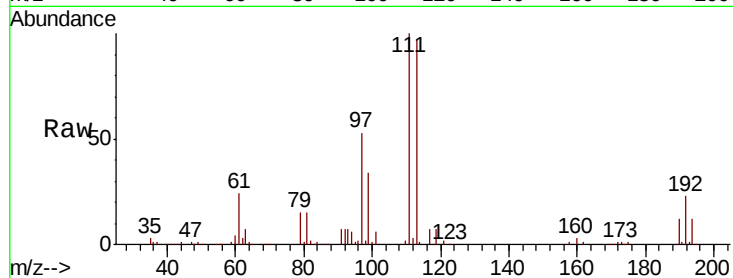




#35  
Dibromofluoromethane  
Concen: 50.27 ug/l  
RT: 5.50 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

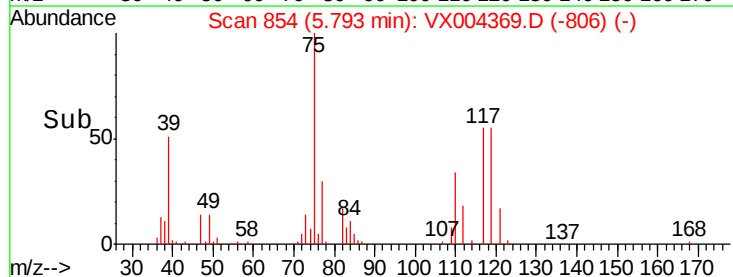
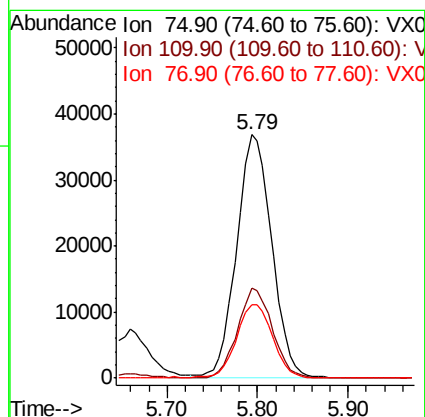
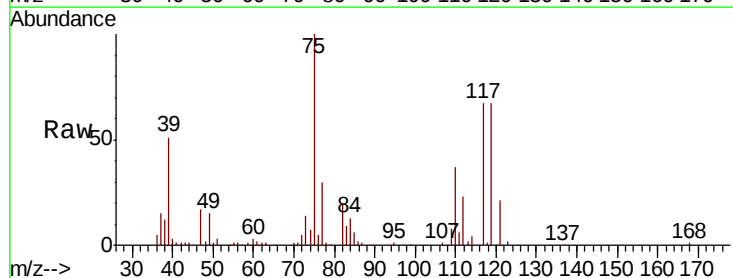
Instrument :  
MSVOA\_X  
ClientSampled :

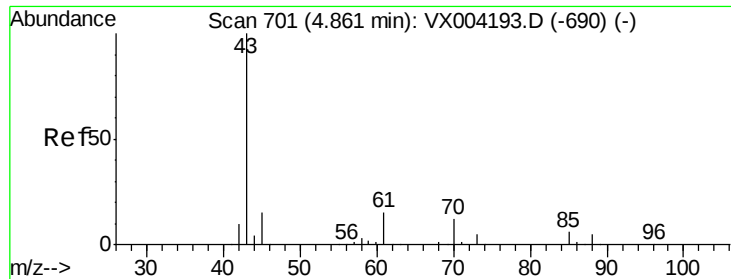
Tot Ion:113 Resp: 171938  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.4 123.6  
192 23.9 19.4 29.2



#36  
1,1-Dichloropropene  
Concen: 19.05 ug/l  
RT: 5.79 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion: 75 Resp: 98486  
Ion Ratio Lower Upper  
75 100  
110 36.7 18.0 54.0  
77 31.3 24.6 36.8

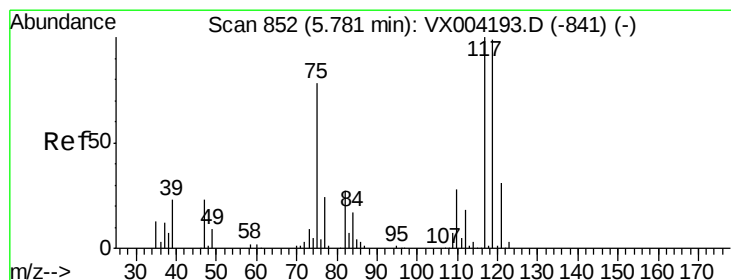
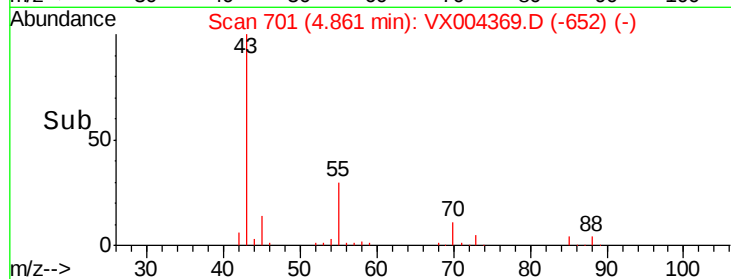
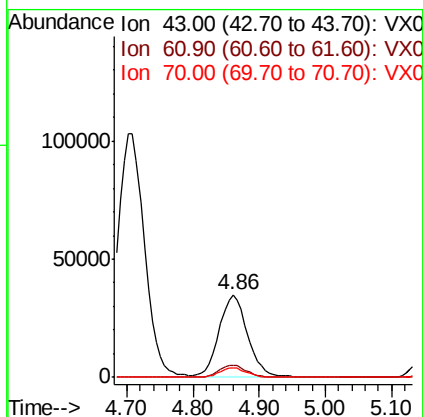
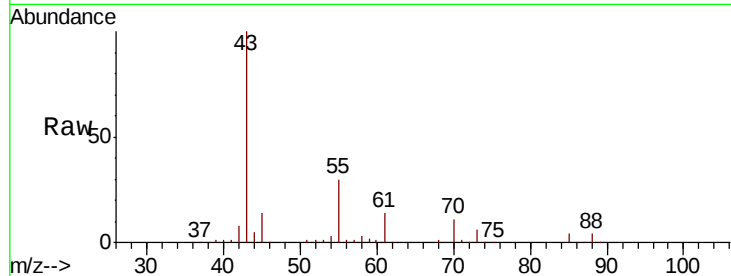




#37  
Ethyl Acetate  
Concen: 20.37 ug/l  
RT: 4.86 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

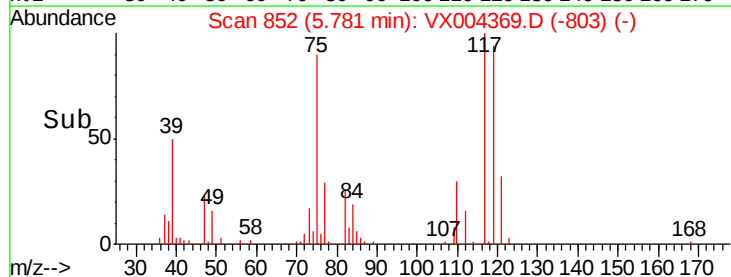
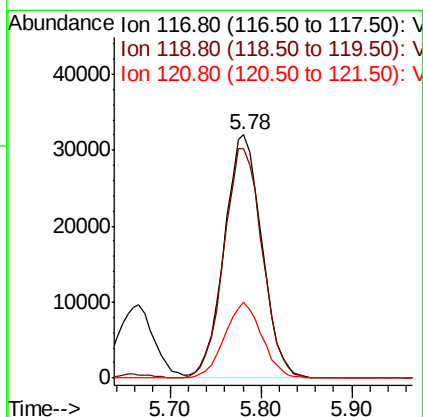
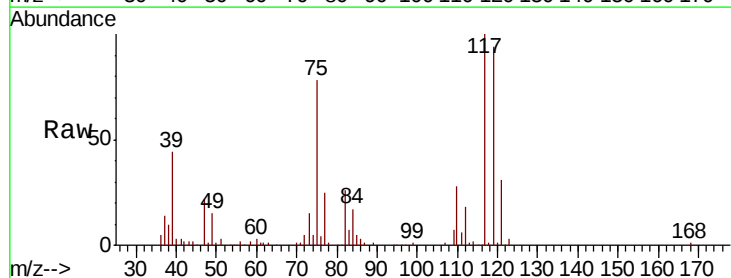
Instrument :  
MSVOA\_X  
ClientSampled :

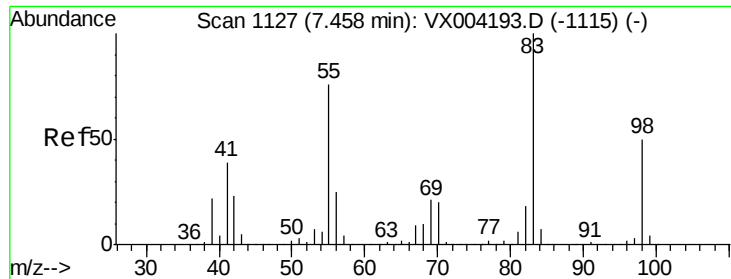
Tot Ion: 43 Resp: 103528  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.5 17.3  
70 11.5 9.0 13.6



#38  
Carbon Tetrachloride  
Concen: 19.01 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion: 117 Resp: 92428  
Ion Ratio Lower Upper  
117 100  
119 94.5 78.8 118.2  
121 31.0 24.9 37.3

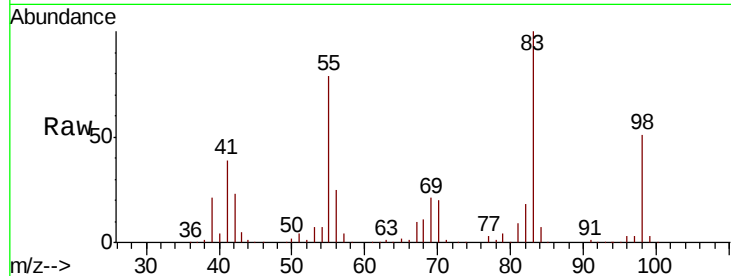




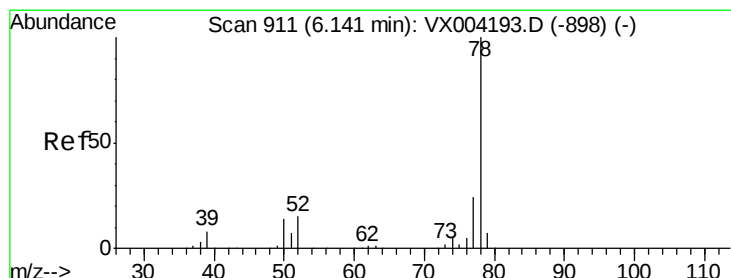
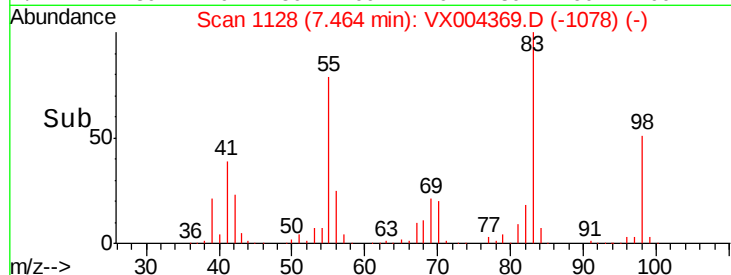
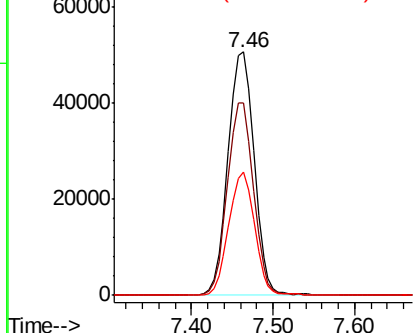
#39  
Methvlcvclohexane  
Concen: 19.11 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | 83.00 | Resp  | 112802 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 78.8  | 61.0  | 91.4   |
| 98      | 50.8  | 39.6  | 59.4   |

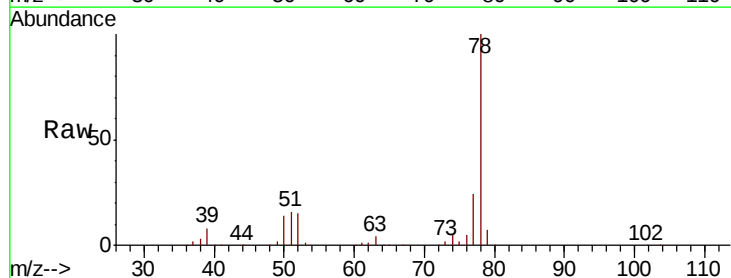


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

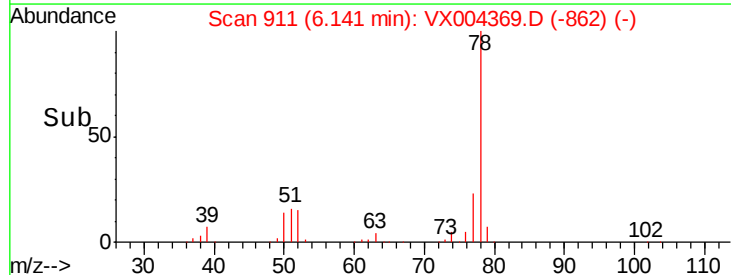
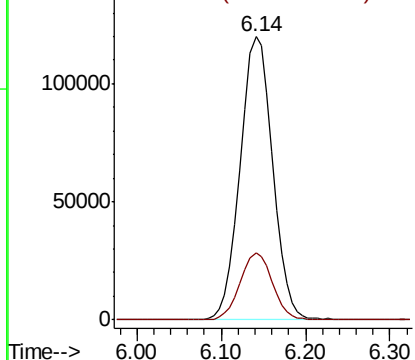


#40  
Benzene  
Concen: 20.24 ug/l  
RT: 6.14 min Scan# 911  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

| Tgt Ion | 78    | Resp  | 312663 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 23.9  | 19.0  | 28.4   |



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0

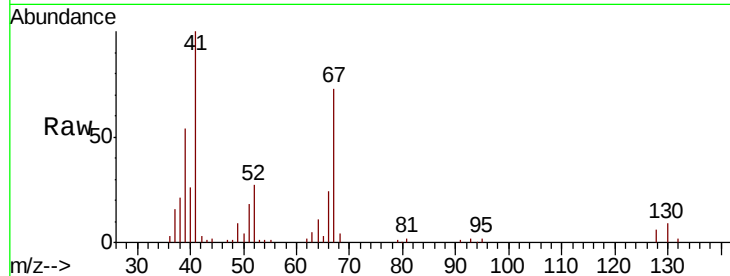




#41  
Methacrylonitrile  
Concen: 20.85 ug/l  
RT: 5.06 min Scan# 734  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Instrument :  
MSVOA\_X  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 61421 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.7  | 42.4  | 63.6  |
| 67       | 73.5  | 59.2  | 88.8  |
| 52       | 29.1  | 23.0  | 34.4  |



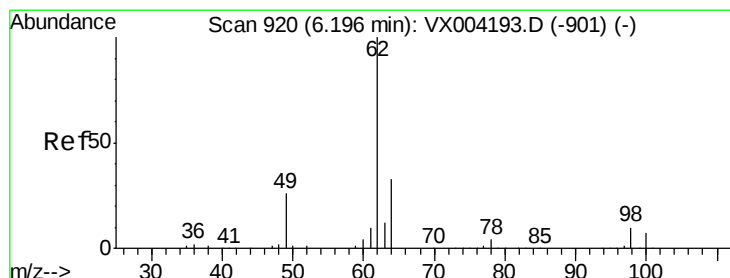
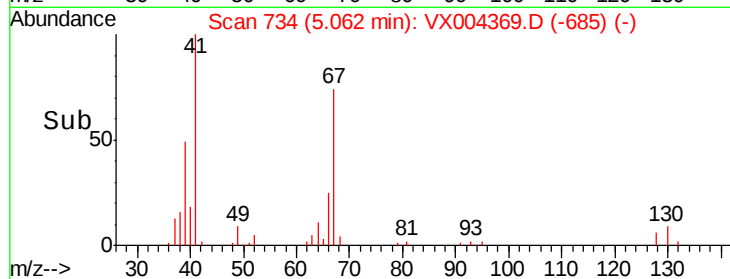
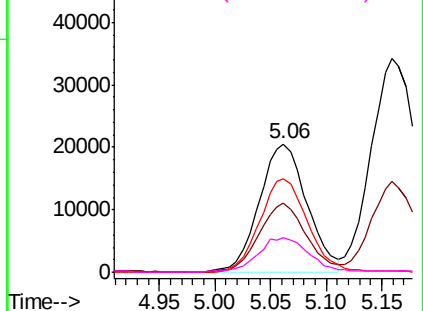
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

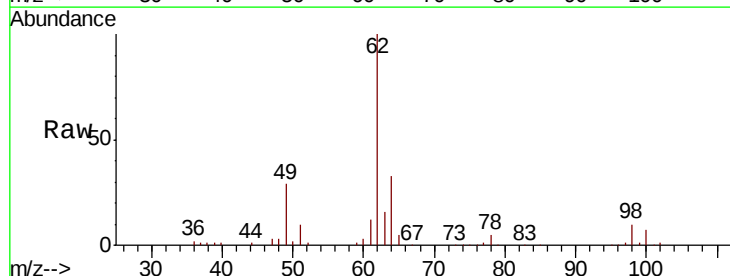
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42  
1,2-Dichloroethane  
Concen: 20.04 ug/l  
RT: 6.20 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

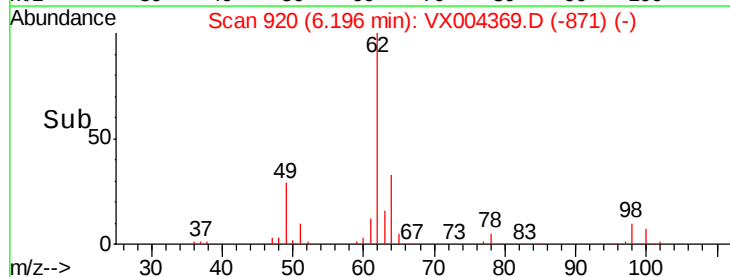
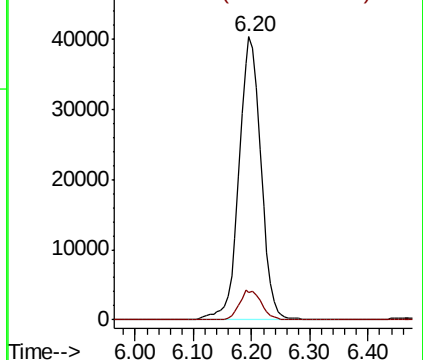
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 105595 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.3  | 0.0   | 20.6   |

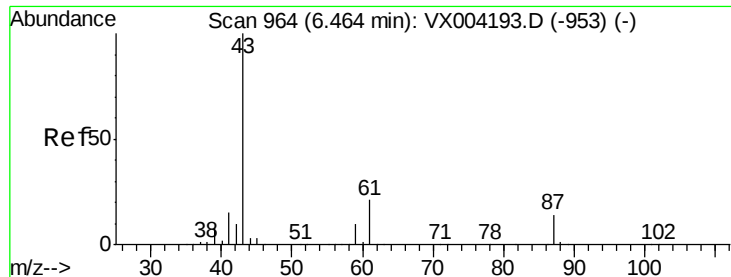


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.76 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

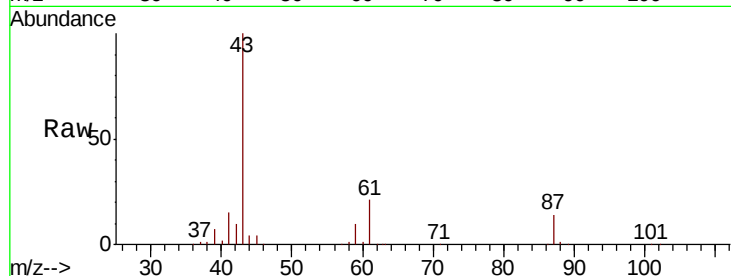
Tot Ion: 43 Resp: 162176

Ion Ratio Lower Upper

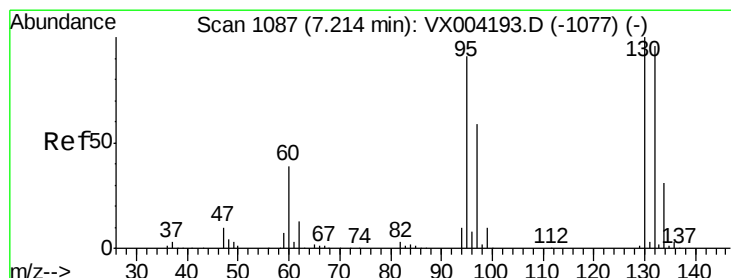
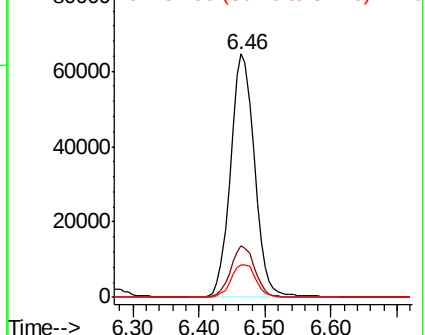
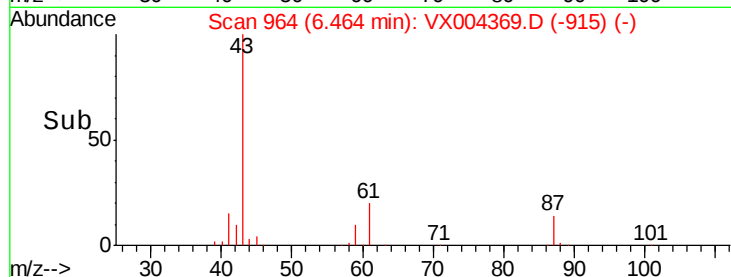
43 100

61 21.4 17.0 25.4

87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX004369.D (-915) (-)



#44

Trichloroethene

Concen: 19.49 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004369.D

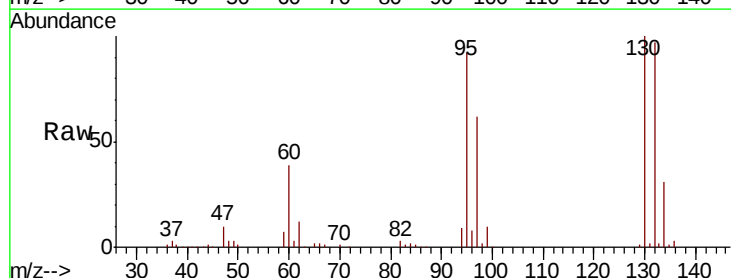
Acq: 05 Sep 2018 14:02

Tgt Ion:130 Resp: 83306

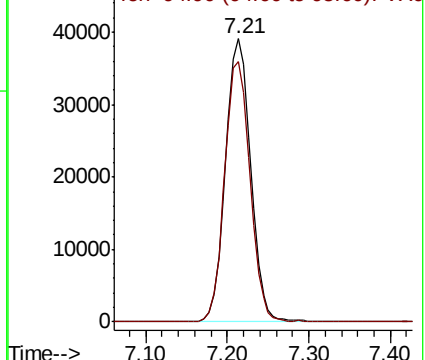
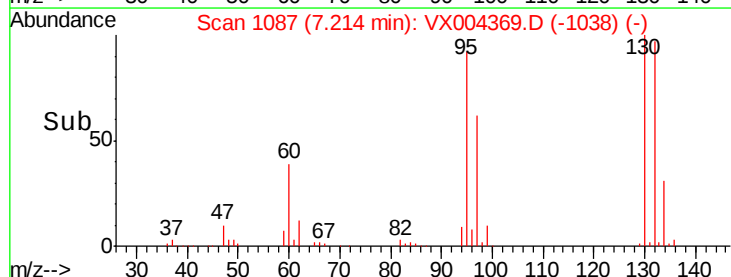
Ion Ratio Lower Upper

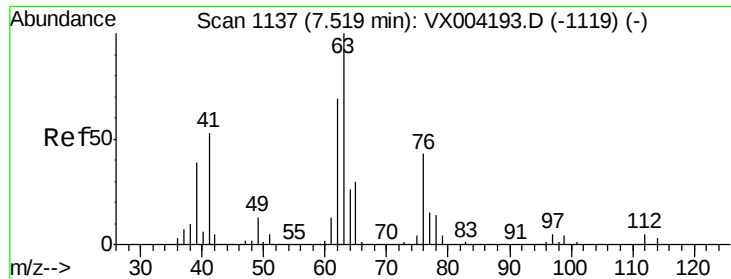
130 100

95 91.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX004369.D (-1038) (-)

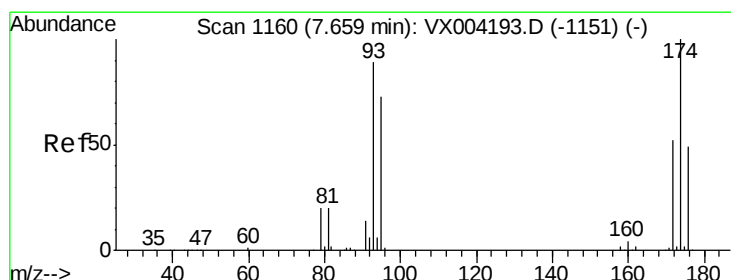
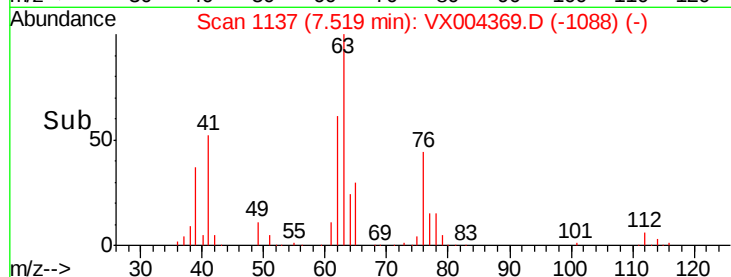
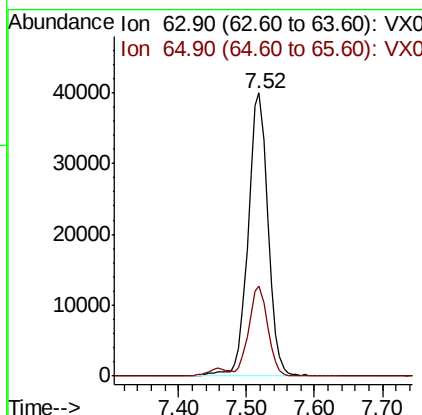
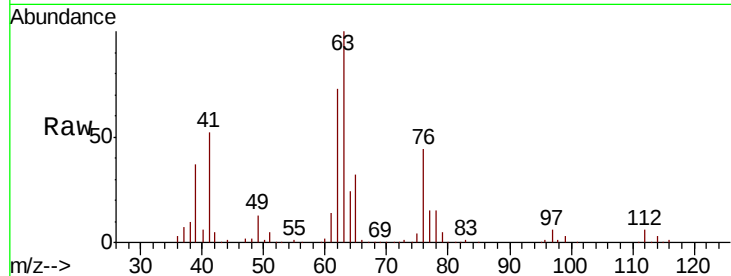




#45  
 1,2-Dichloropropane  
 Concen: 21.03 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

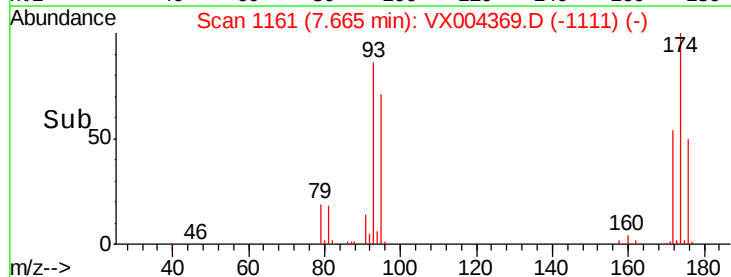
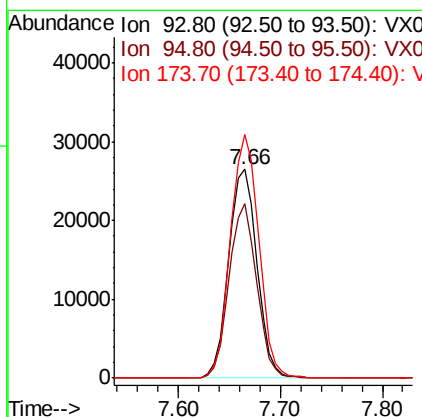
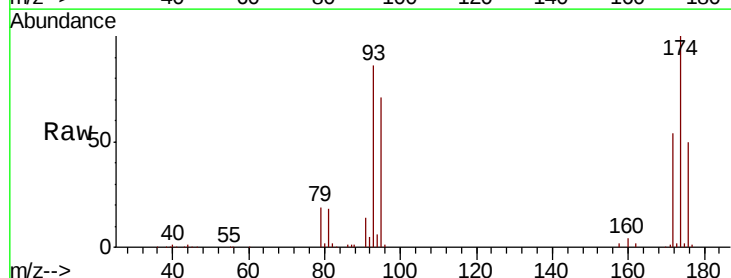
Instrument :  
 MSVOA\_X  
 ClientSampleId :

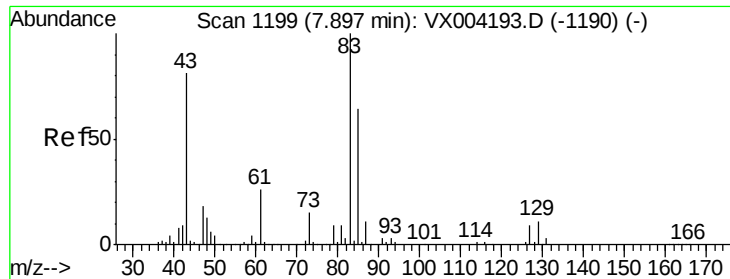
Tot Ion: 63 Resp: 81305  
 Ion Ratio Lower Upper  
 63 100  
 65 31.9 24.3 36.5



#46  
 Dibromomethane  
 Concen: 19.78 ug/l  
 RT: 7.66 min Scan# 1161  
 Delta R.T. 0.01 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

Tgt Ion: 93 Resp: 50911  
 Ion Ratio Lower Upper  
 93 100  
 95 81.4 65.5 98.3  
 174 116.9 94.2 141.4





#47

Bromodichloromethane

Concen: 19.37 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

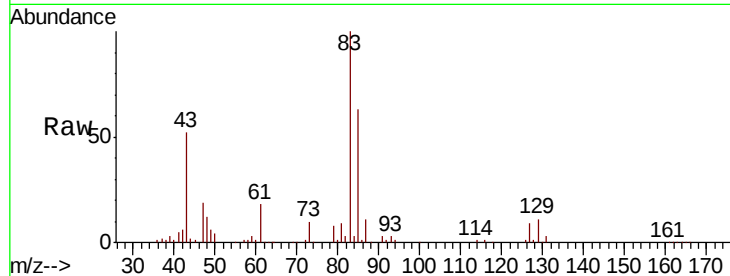
Tot Ion: 83 Resp: 92747

Ion Ratio Lower Upper

83 100

85 63.2 50.9 76.3

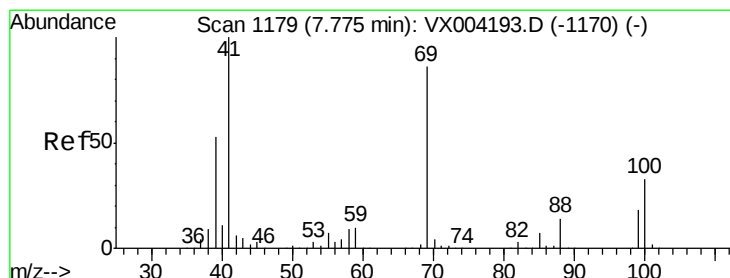
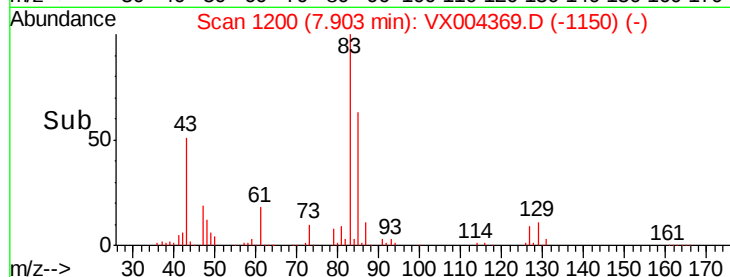
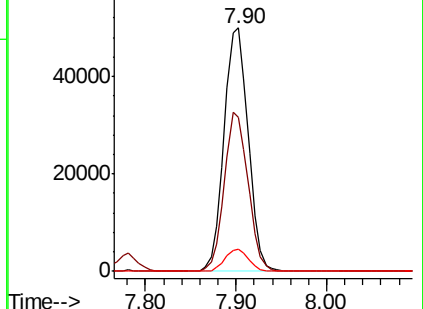
127 9.0 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.40 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

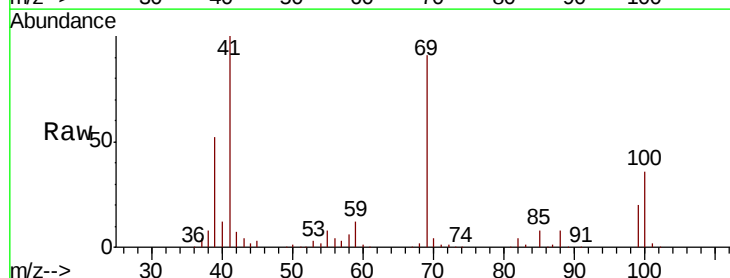
Tgt Ion: 41 Resp: 85271

Ion Ratio Lower Upper

41 100

69 87.9 70.2 105.4

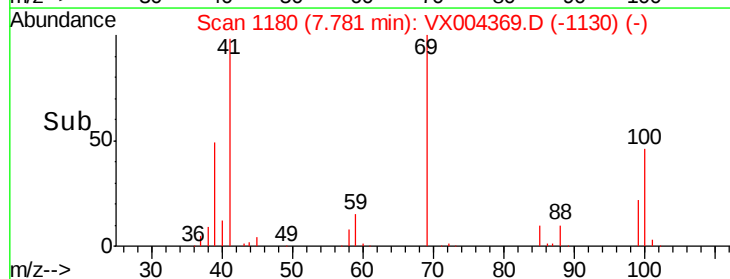
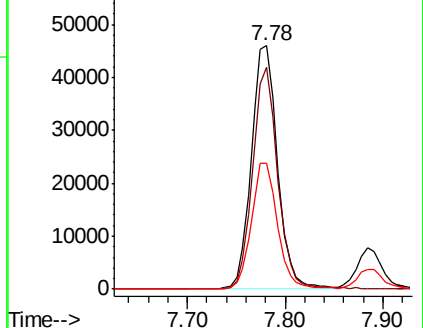
39 52.0 42.7 64.1

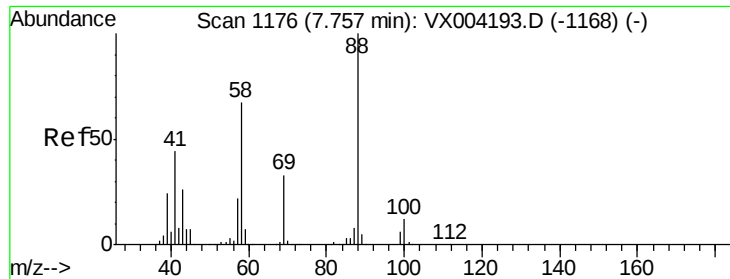


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

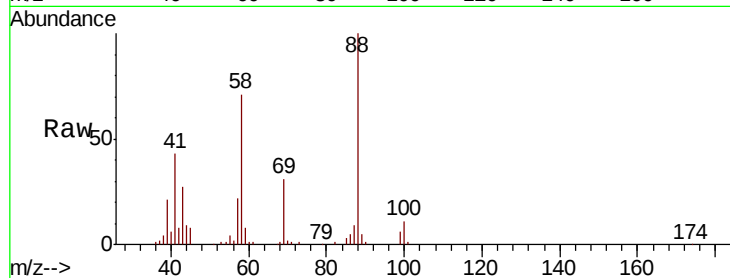




#49  
1,4-Dioxane  
Concen: 372.62 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | 88    | Resp  | 35360 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 30.6  | 24.7  | 37.1  |
| 58      | 70.8  | 55.3  | 82.9  |

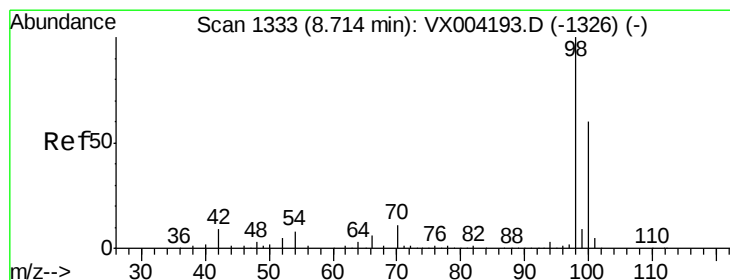
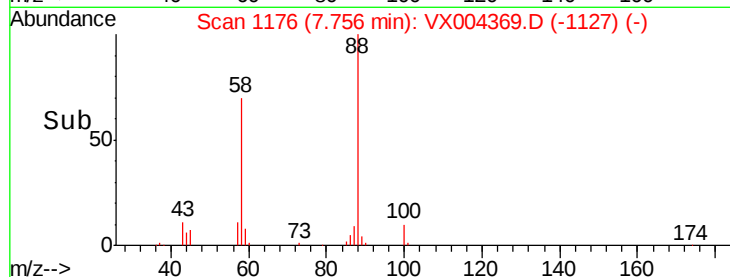
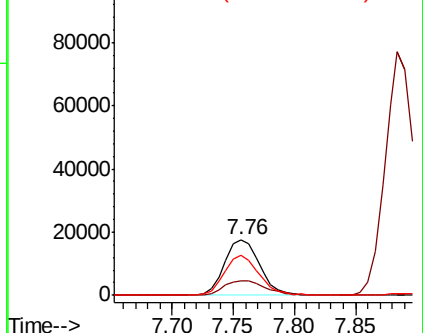


Abundance

Ion 88.00 (87.70 to 88.70): VX0

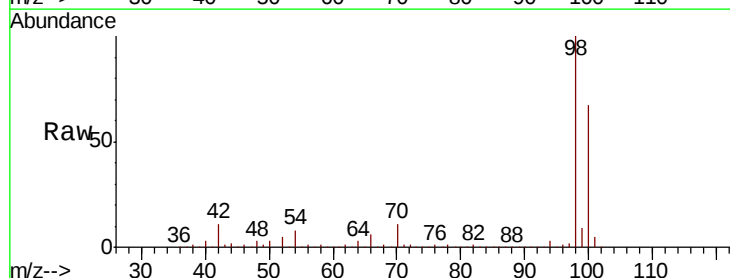
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 50.58 ug/l  
RT: 8.71 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

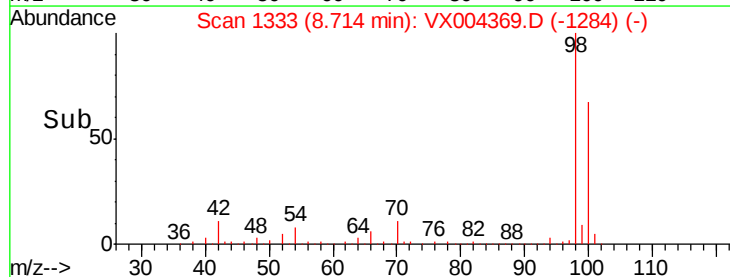
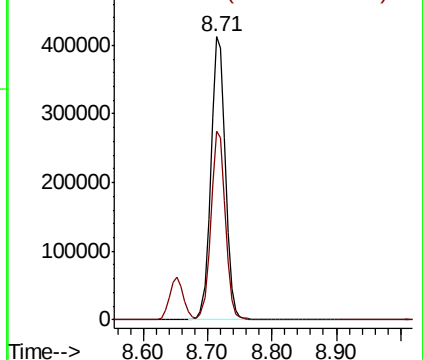
| Tgt Ion | 98    | Resp  | 652988 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.3  | 52.9  | 79.3   |

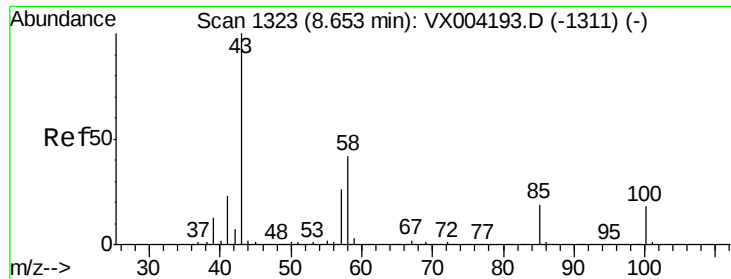


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 99.71 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

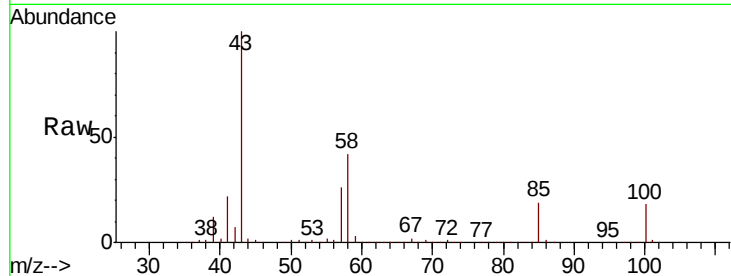
ClientSampleId :

Tot Ion: 43 Resp: 565890

Ion Ratio Lower Upper

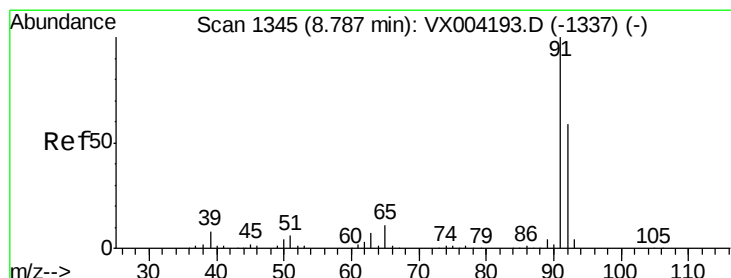
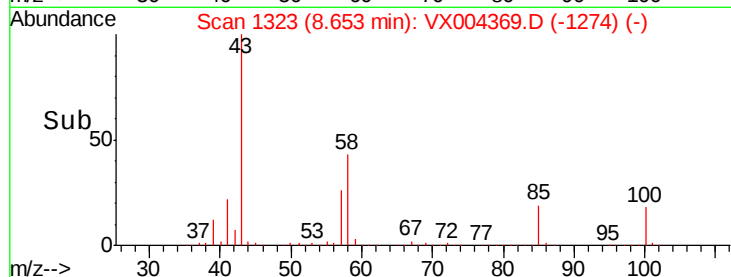
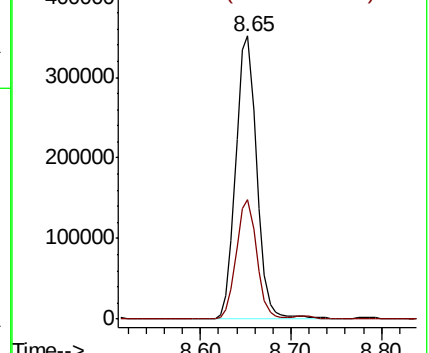
43 100

58 41.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.39 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004369.D

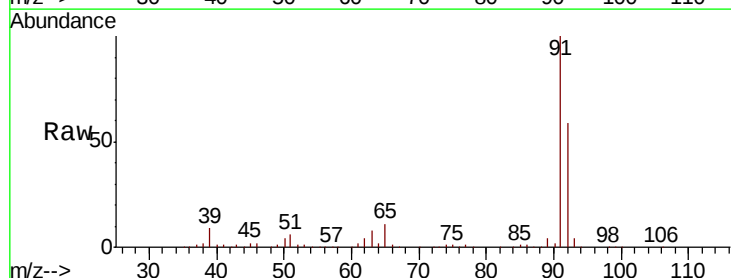
Acq: 05 Sep 2018 14:02

Tgt Ion: 92 Resp: 197110

Ion Ratio Lower Upper

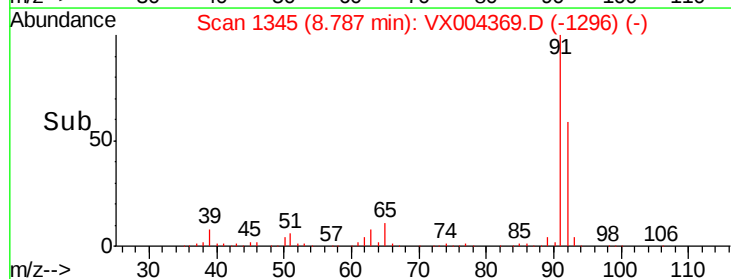
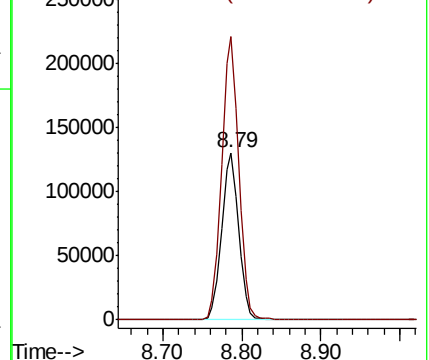
92 100

91 170.5 136.4 204.6



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: 20.06 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

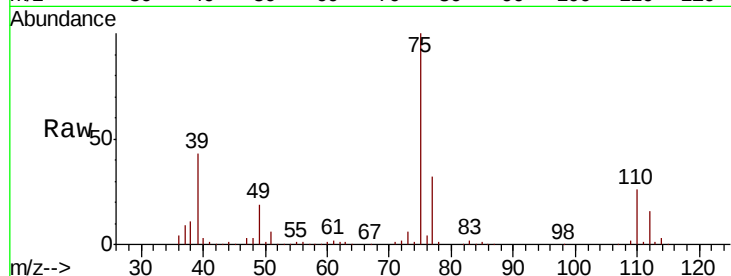
ClientSampleId :

Tot Ion: 75 Resp: 106110

Ion Ratio Lower Upper

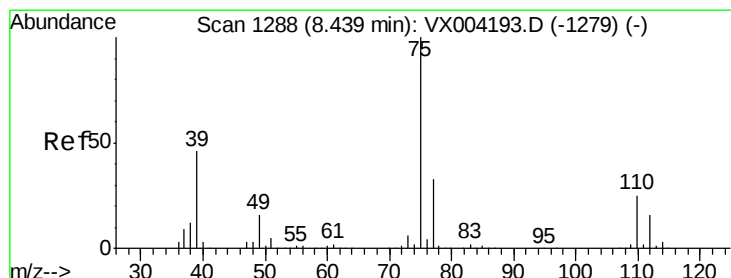
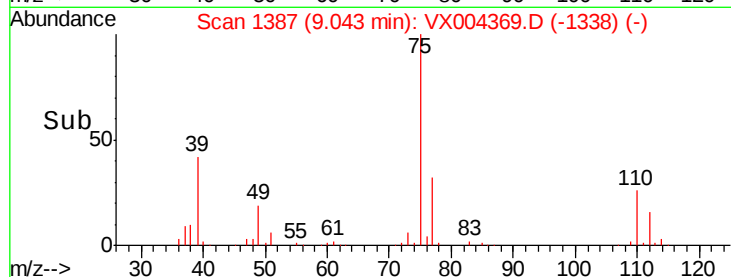
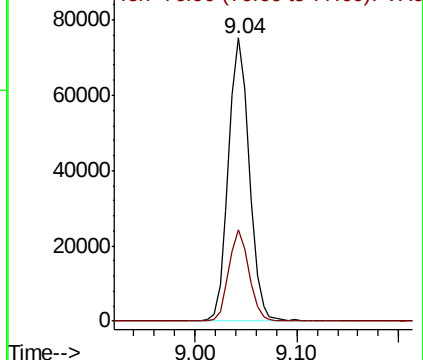
75 100

77 32.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.39 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

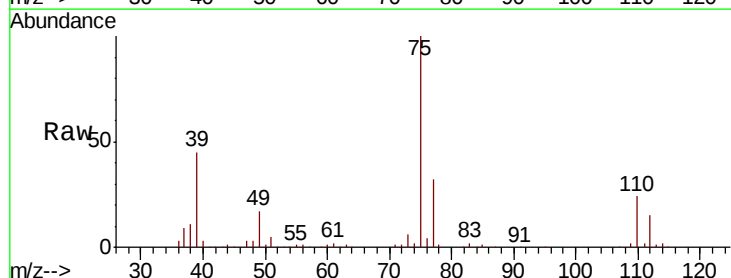
Tgt Ion: 75 Resp: 117476

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

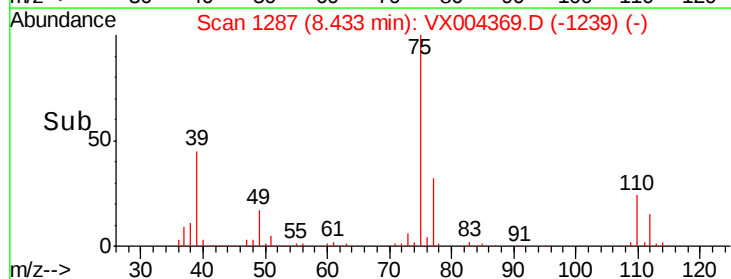
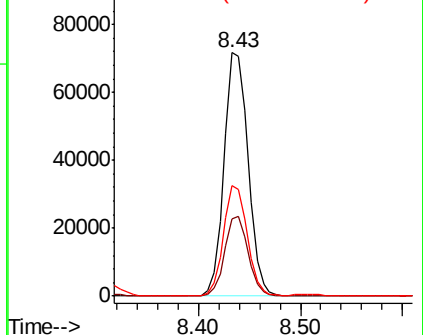
39 45.1 36.4 54.6

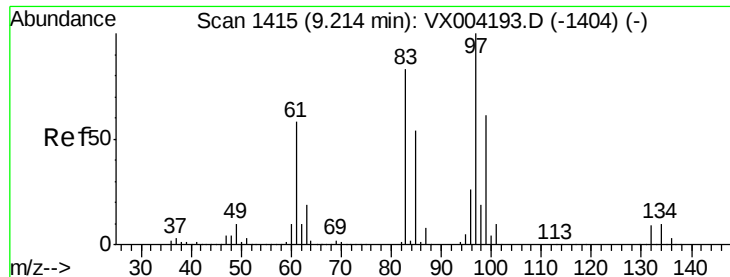


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

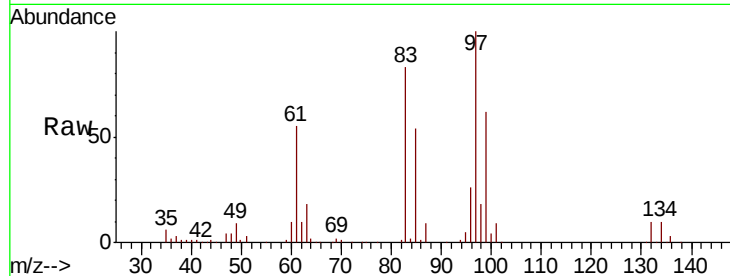




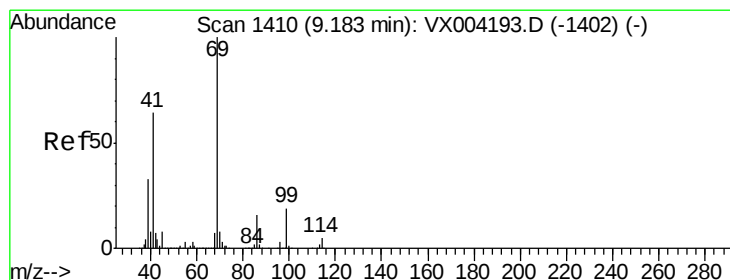
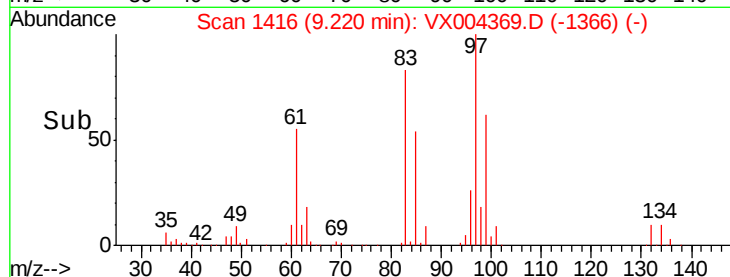
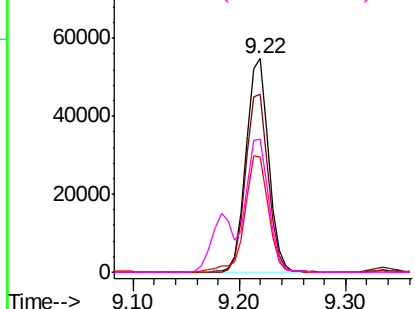
#55  
 1,1,2-Trichloroethane  
 Concen: 21.01 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.01 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 82000 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.3  | 66.4  | 99.6  |
| 85       | 53.7  | 43.3  | 64.9  |
| 99       | 62.2  | 49.0  | 73.4  |

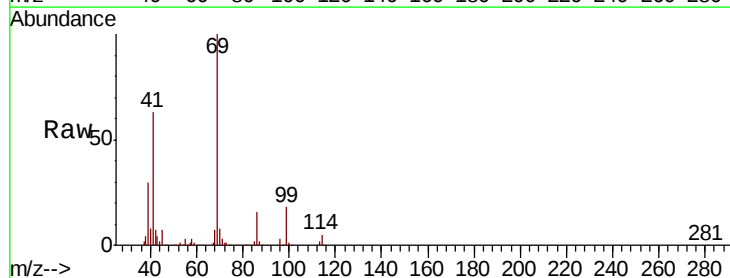


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

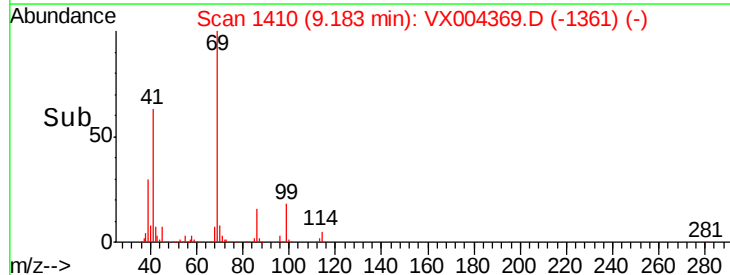
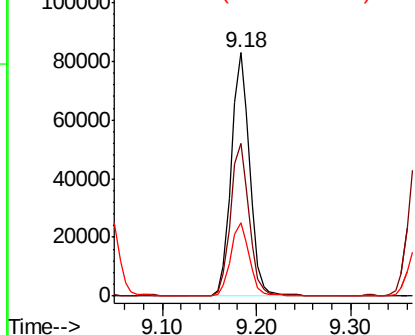


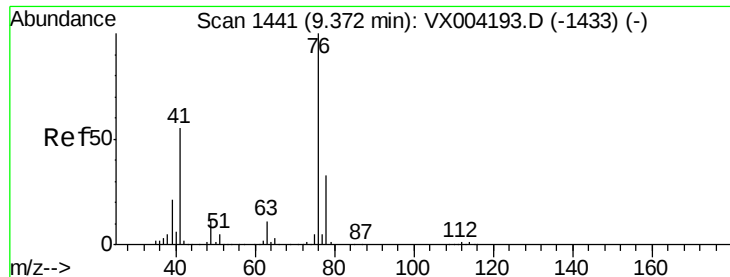
#56  
 Ethyl methacrylate  
 Concen: 21.21 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 112682 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.2  | 51.0  | 76.4   |
| 39       | 30.7  | 26.1  | 39.1   |



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





#57

1,3-Dichloropropane

Concen: 20.82 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

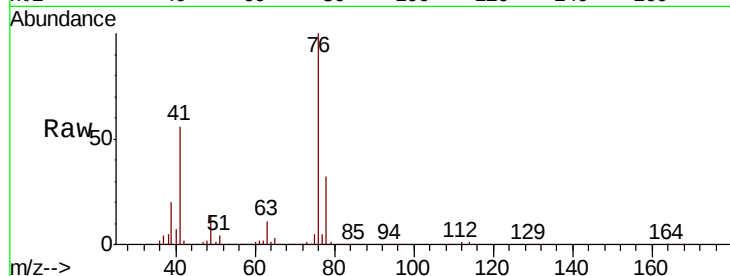
ClientSampleId :

Tot Ion: 76 Resp: 136937

Ion Ratio Lower Upper

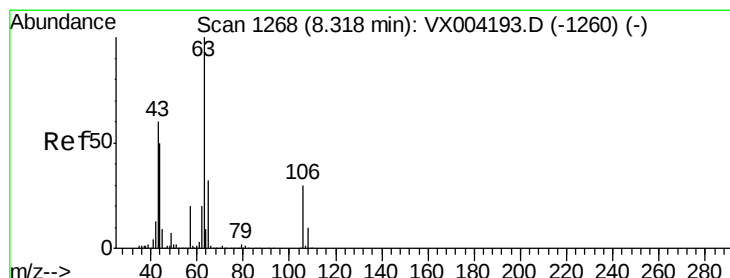
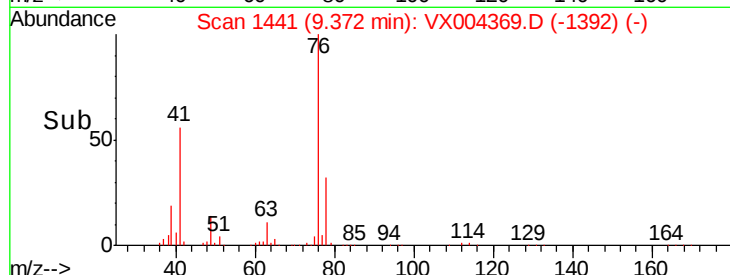
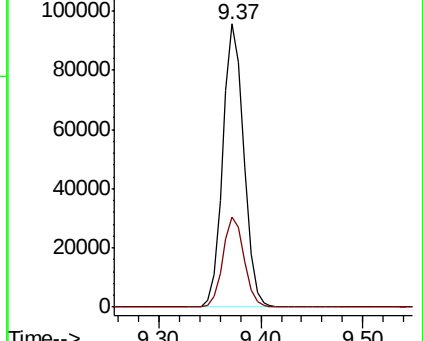
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.30 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004369.D

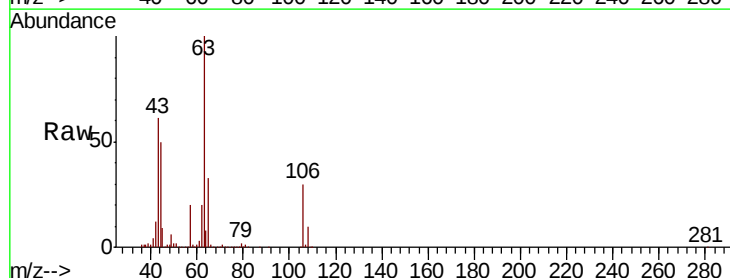
Acq: 05 Sep 2018 14:02

Tgt Ion: 63 Resp: 283933

Ion Ratio Lower Upper

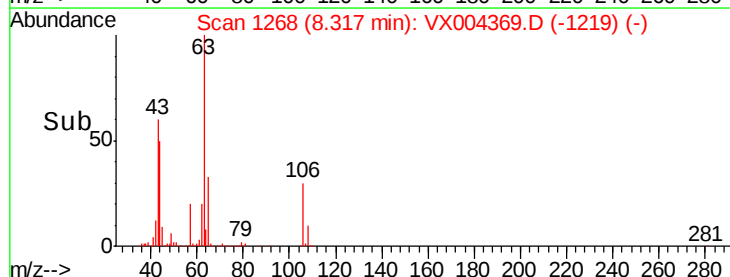
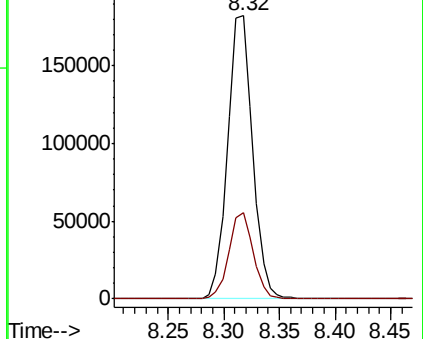
63 100

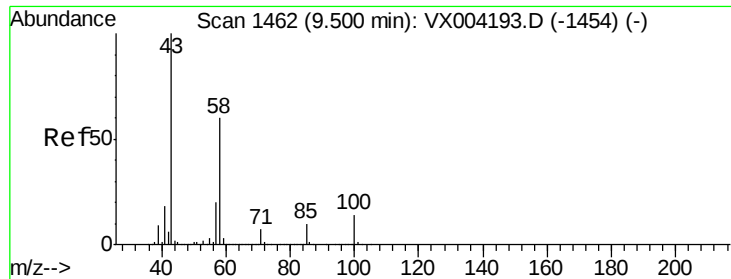
106 29.7 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

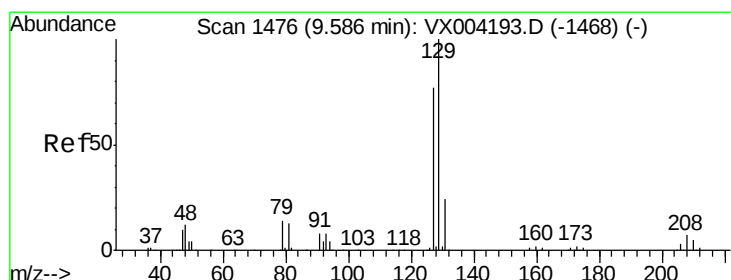
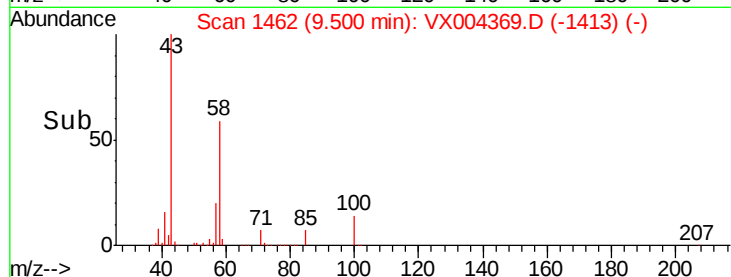
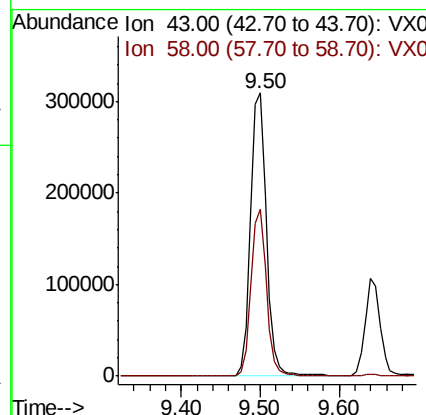
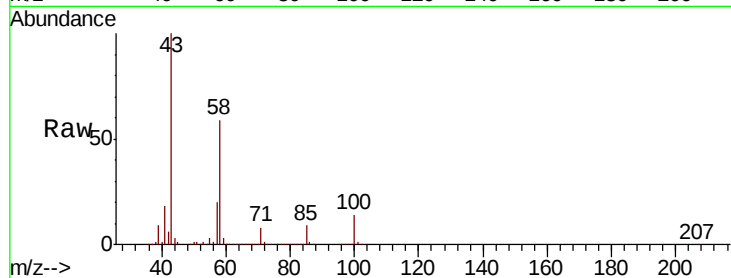




#59  
2-Hexanone  
Concen: 99.75 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

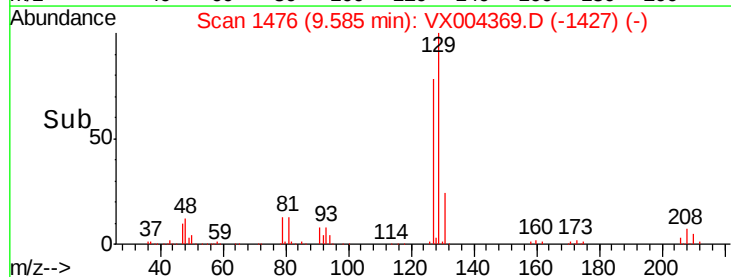
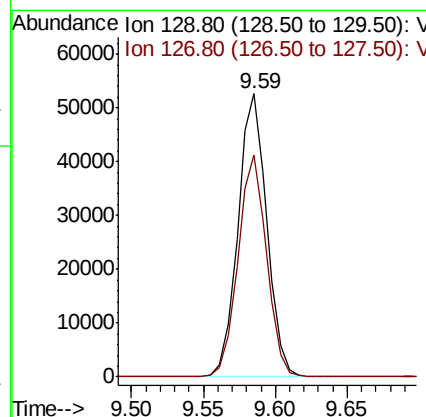
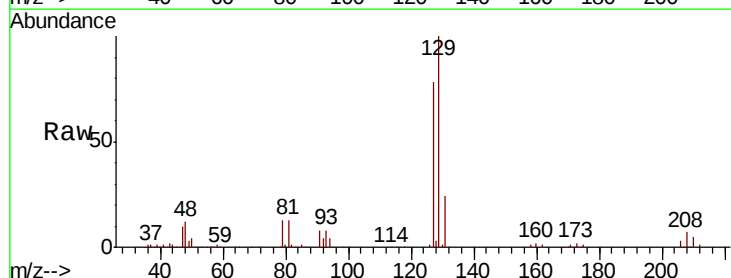
Instrument :  
MSVOA\_X  
ClientSampleId :

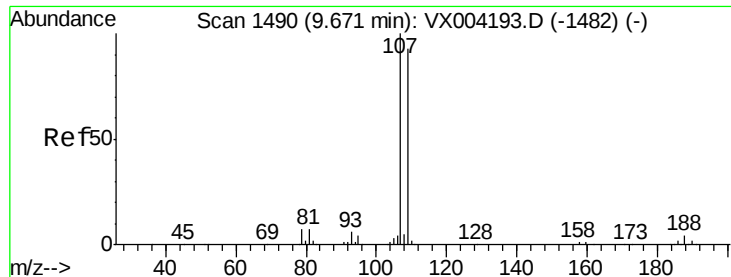
Tot Ion: 43 Resp: 431877  
Ion Ratio Lower Upper  
43 100  
58 57.4 29.0 87.0



#60  
Dibromochloromethane  
Concen: 19.26 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion: 129 Resp: 73221  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.29 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

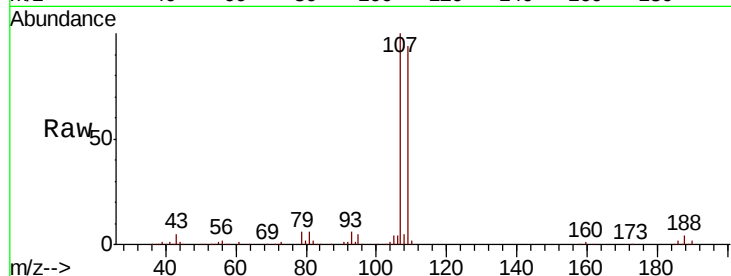
ClientSampleId :

Tot Ion:107 Resp: 81954

Ion Ratio Lower Upper

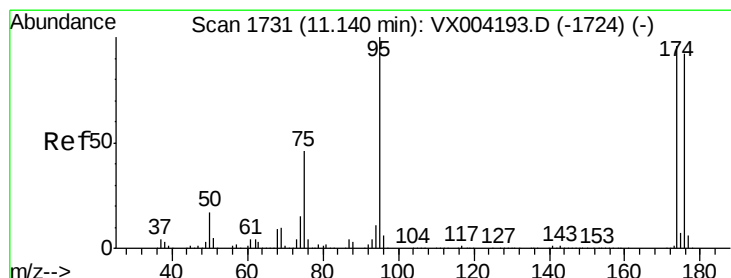
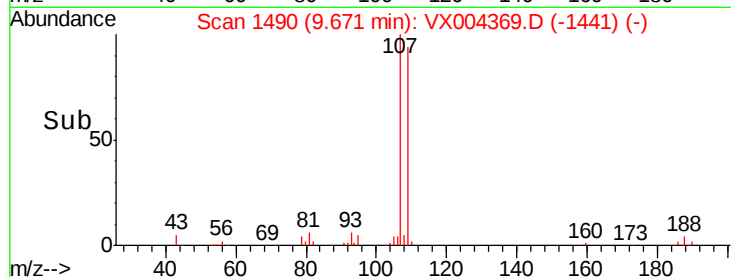
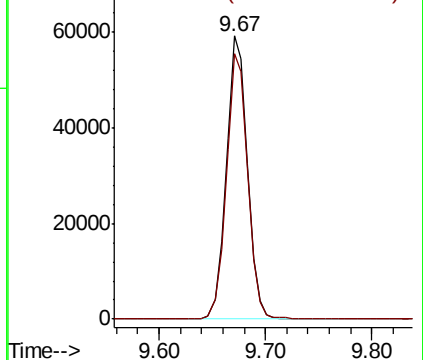
107 100

109 94.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

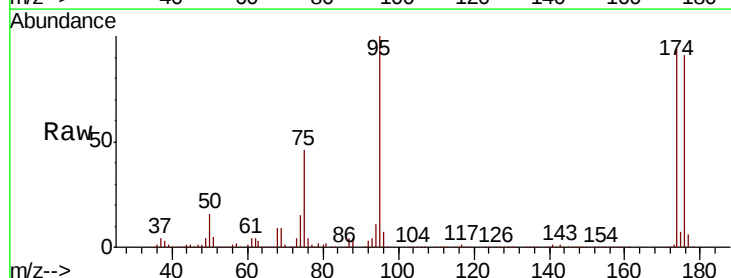
Tgt Ion: 95 Resp: 246297

Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.2

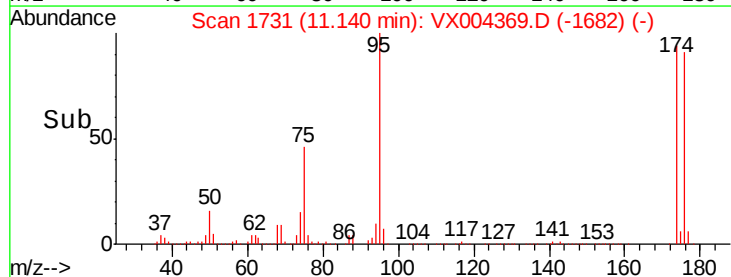
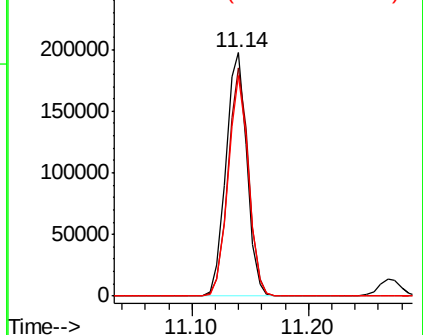
176 88.1 0.0 178.6

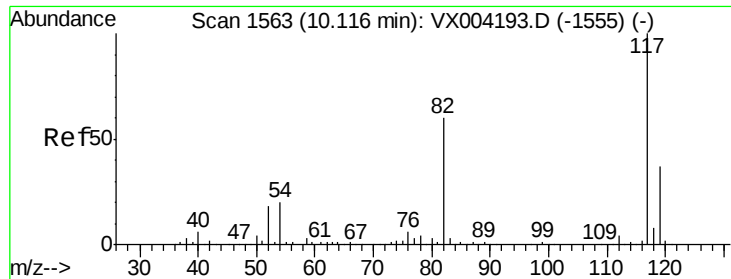


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

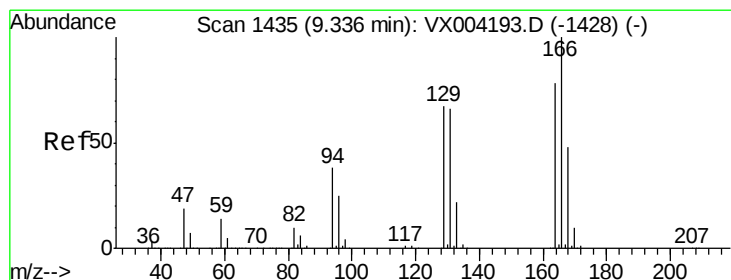
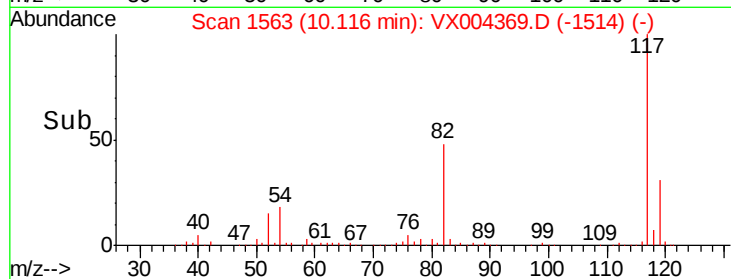
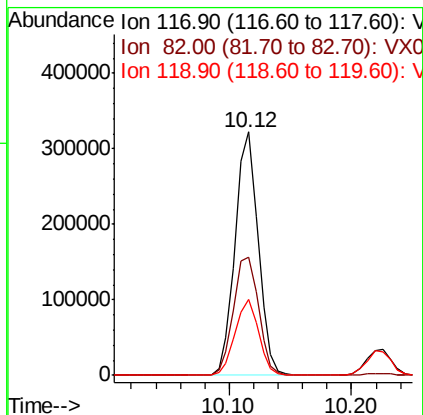
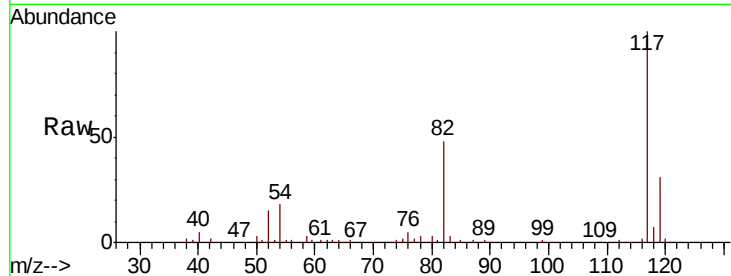




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

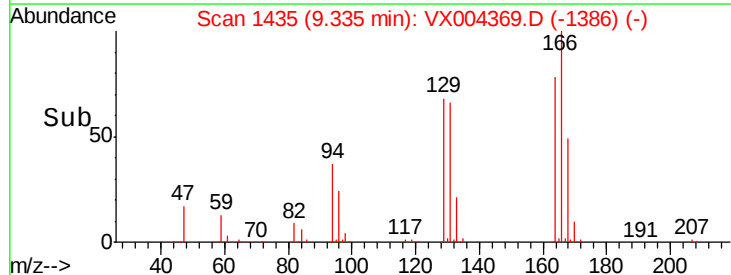
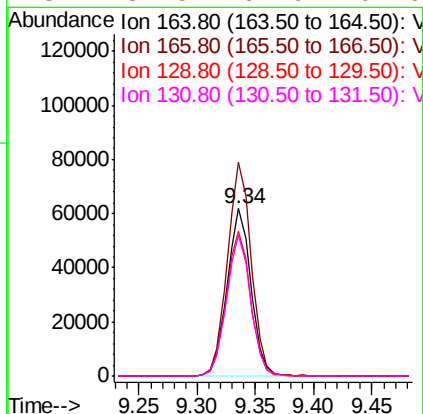
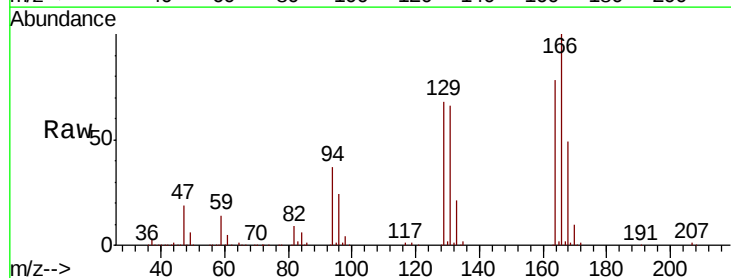
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:117 Resp: 421178  
Ion Ratio Lower Upper  
117 100  
82 48.4 47.8 71.6  
119 31.1 29.3 43.9



#64  
Tetrachloroethene  
Concen: 21.08 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion:164 Resp: 87715  
Ion Ratio Lower Upper  
164 100  
166 127.8 102.8 154.2  
129 86.8 69.4 104.0  
131 84.5 67.9 101.9

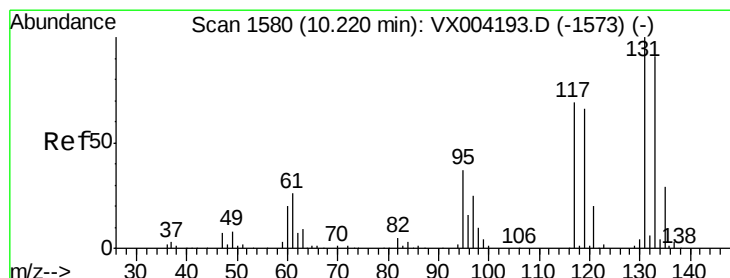
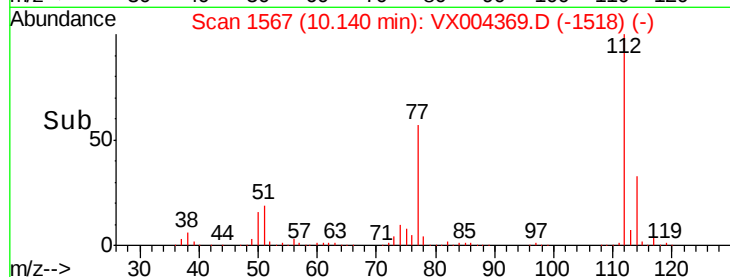
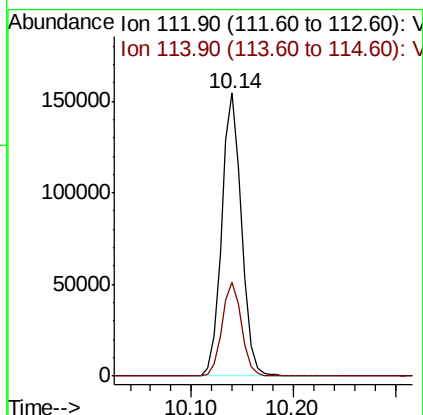
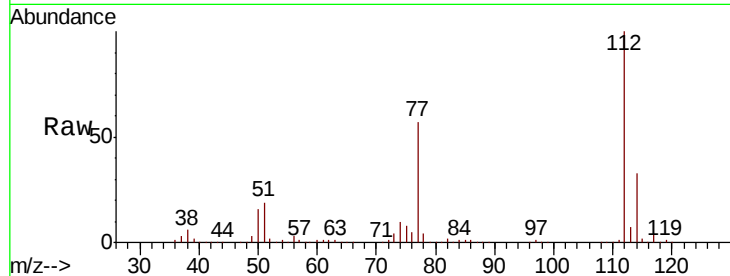




#65  
Chlorobenzene  
Concen: 19.72 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

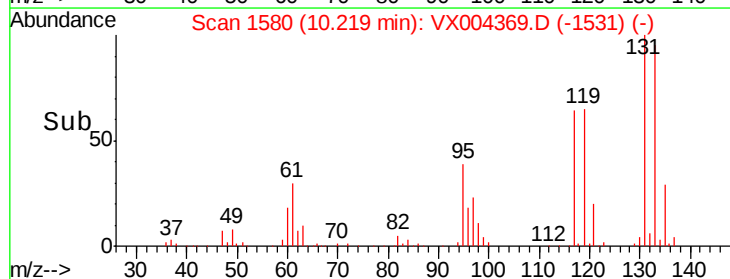
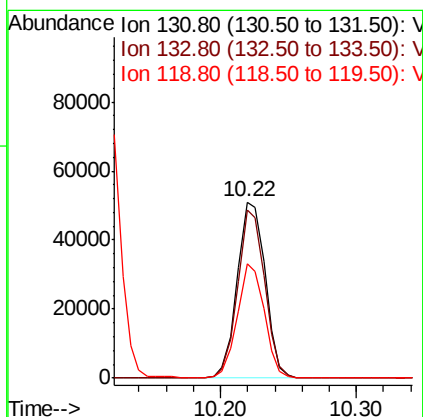
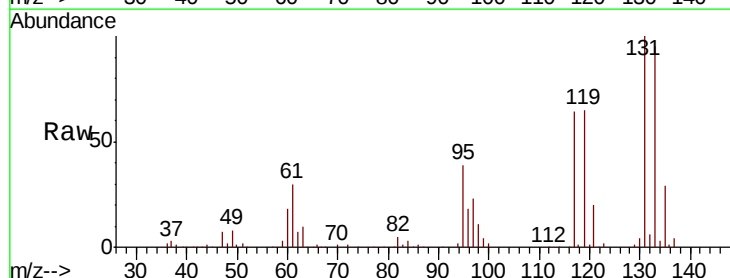
Instrument :  
MSVOA\_X  
ClientSampleId :

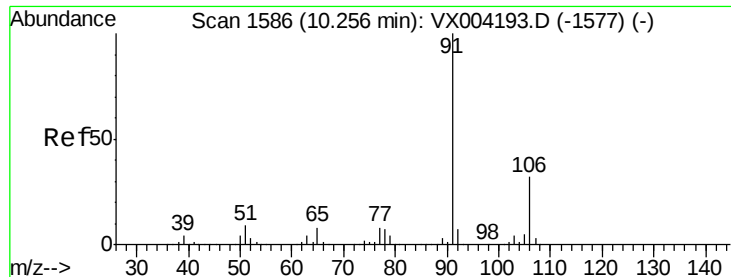
Tot Ion:112 Resp: 208427  
Ion Ratio Lower Upper  
112 100  
114 33.0 27.8 41.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.12 ug/l  
RT: 10.22 min Scan# 1580  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion:131 Resp: 73371  
Ion Ratio Lower Upper  
131 100  
133 92.2 48.1 144.4  
119 62.5 32.9 98.6





#67

Ethyl Benzene

Concen: 20.22 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

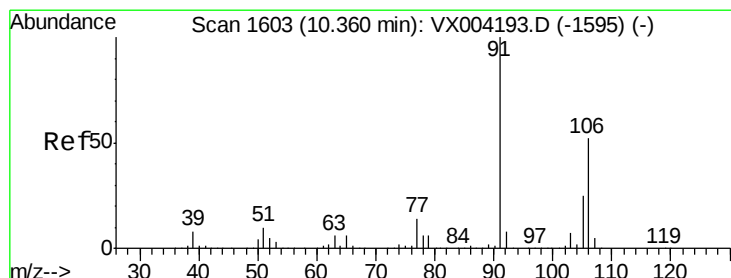
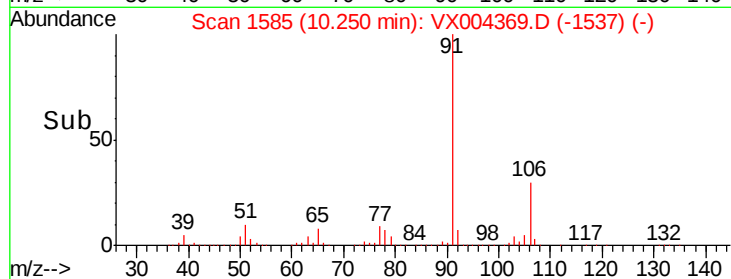
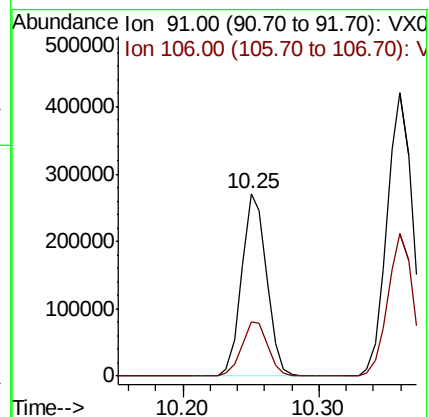
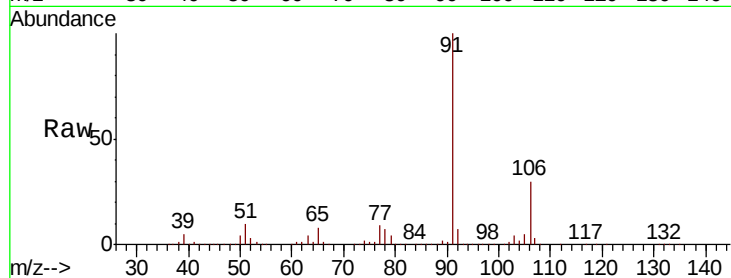
ClientSampled :

Tot Ion: 91 Resp: 347079

Ion Ratio Lower Upper

91 100

106 29.8 25.9 38.9



#68

m/p-Xylenes

Concen: 40.67 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004369.D

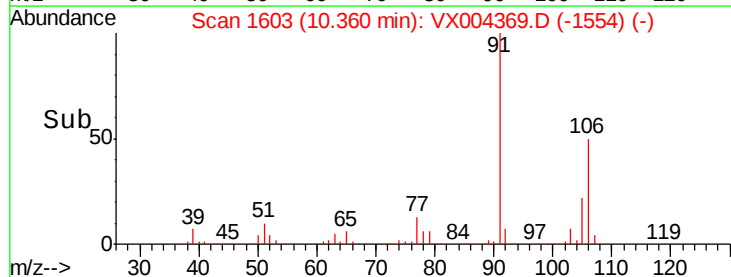
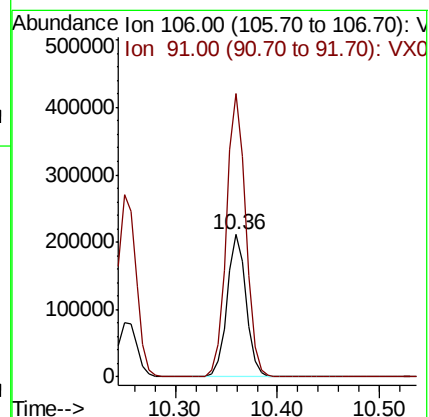
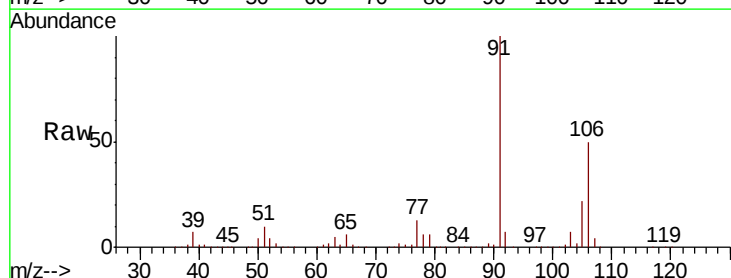
Acq: 05 Sep 2018 14:02

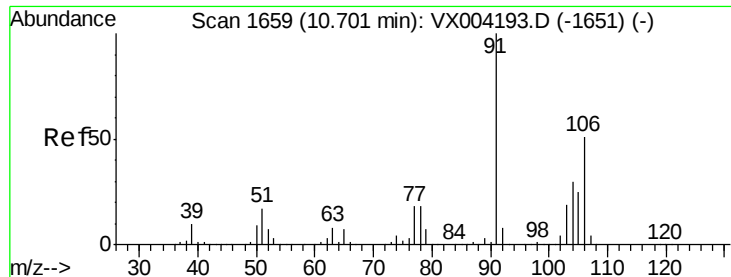
Tgt Ion:106 Resp: 272990

Ion Ratio Lower Upper

106 100

91 202.9 157.1 235.7

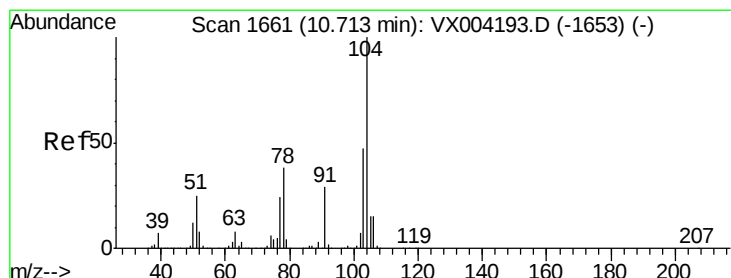
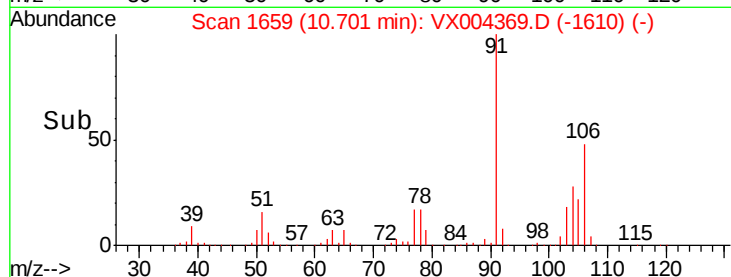
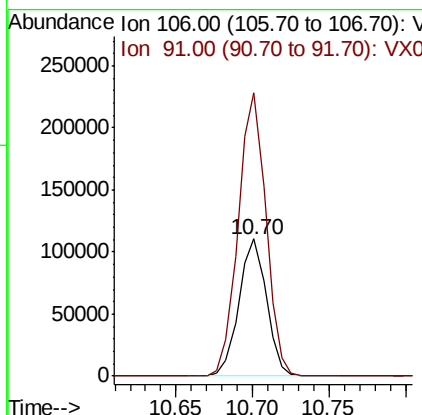
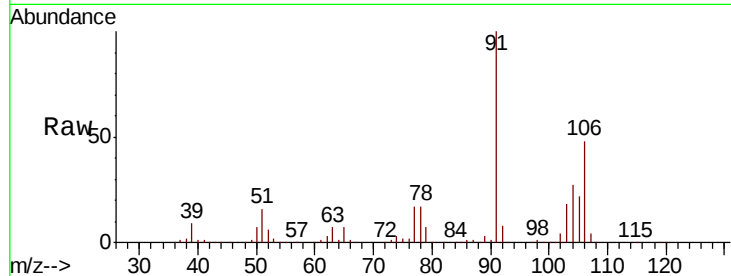




#69  
o-Xylene  
Concen: 21.73 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

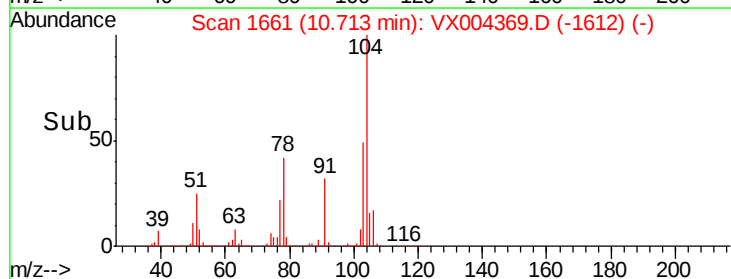
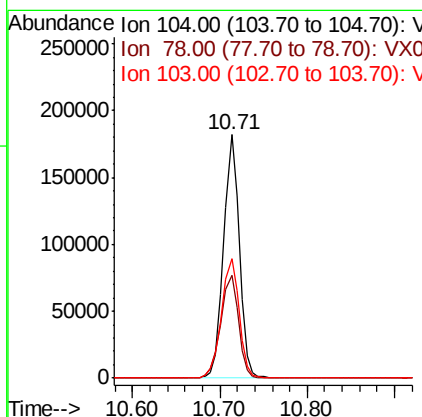
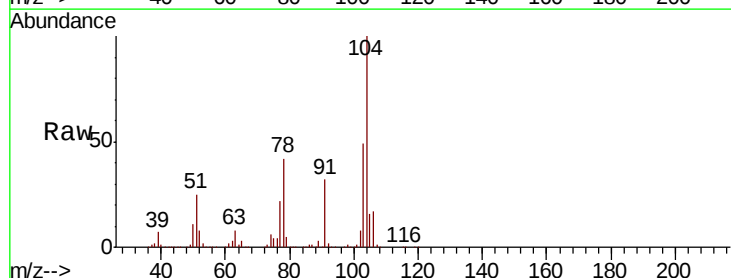
Instrument :  
MSVOA\_X  
ClientSampled :

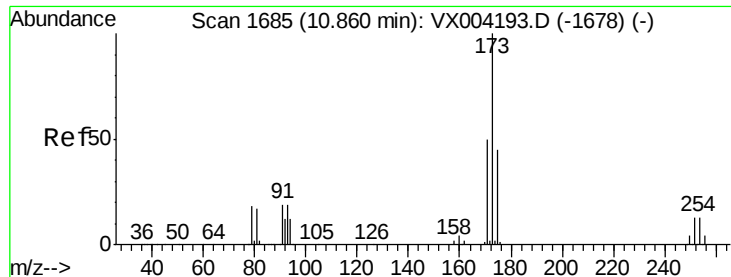
Tot Ion:106 Resp: 137946  
Ion Ratio Lower Upper  
106 100  
91 208.0 105.1 315.1



#70  
Styrene  
Concen: 21.96 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion:104 Resp: 225735  
Ion Ratio Lower Upper  
104 100  
78 47.8 37.4 56.0  
103 54.8 43.8 65.6





#71

Bromoform

Concen: 18.82 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampled :

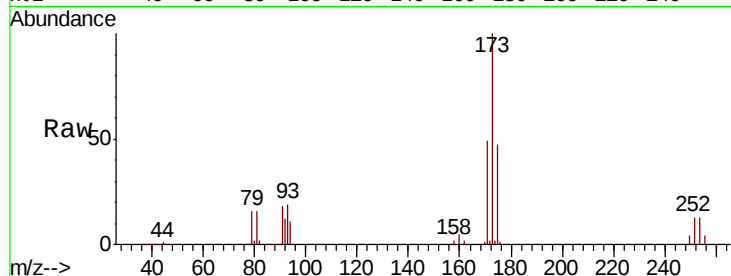
Tot Ion:173 Resp: 55312

Ion Ratio Lower Upper

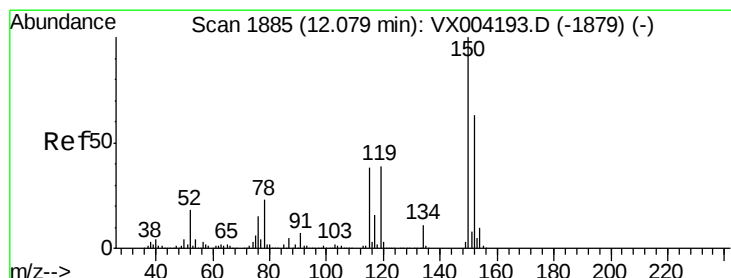
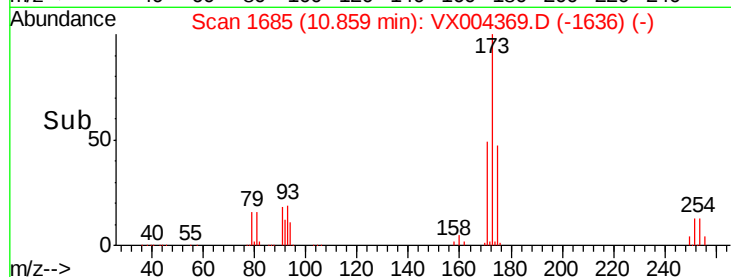
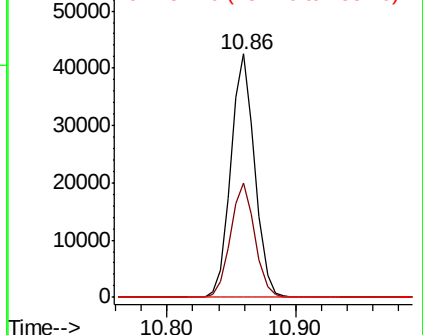
173 100

175 47.6 24.1 72.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

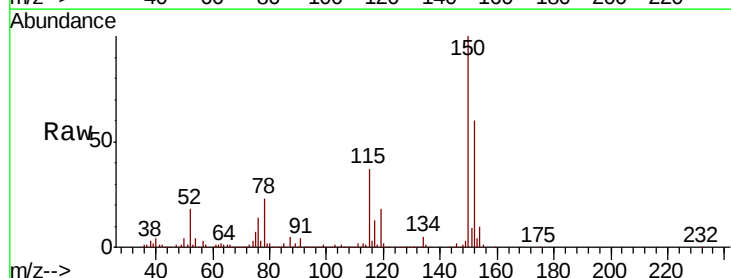
Tgt Ion:152 Resp: 254088

Ion Ratio Lower Upper

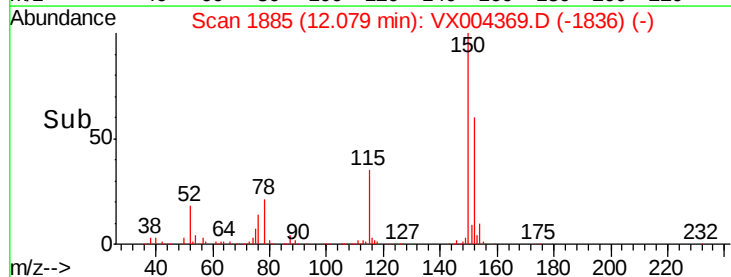
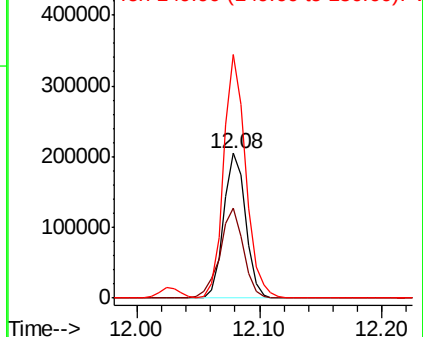
152 100

115 66.3 39.0 117.0

150 168.3 0.0 351.0



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





#73

Isopropylbenzene

Concen: 22.54 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

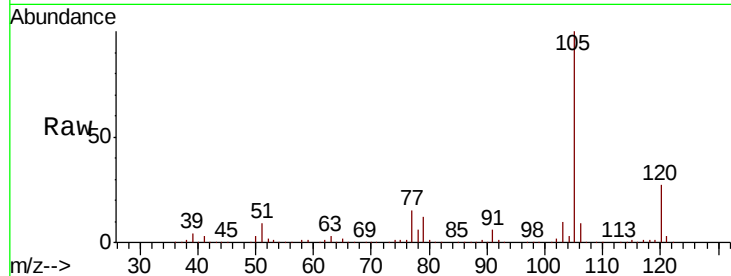
ClientSampleId :

Tot Ion:105 Resp: 376072

Ion Ratio Lower Upper

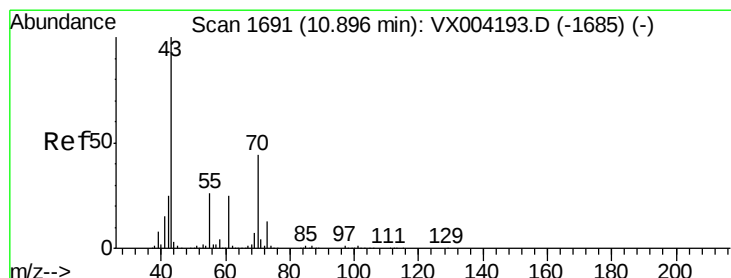
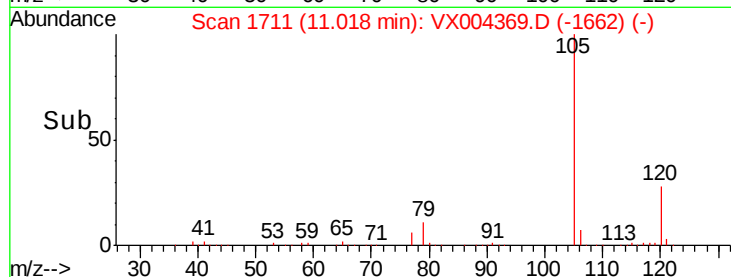
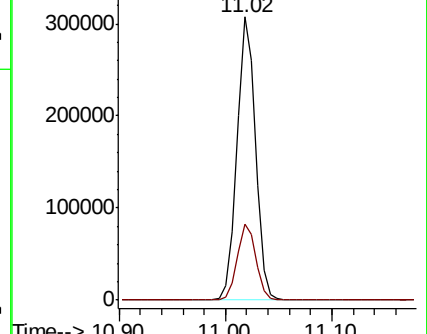
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.07 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Tgt Ion: 43 Resp: 135379

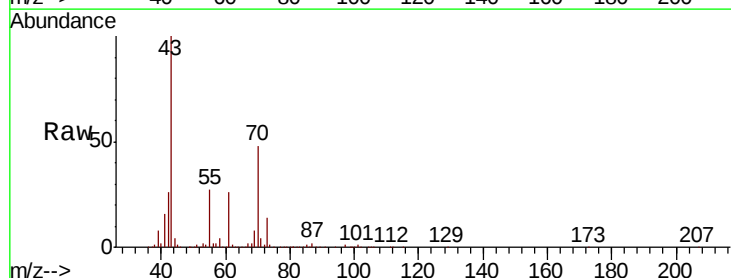
Ion Ratio Lower Upper

43 100

70 47.2 37.4 56.0

55 28.1 21.8 32.8

61 25.9 20.6 30.8

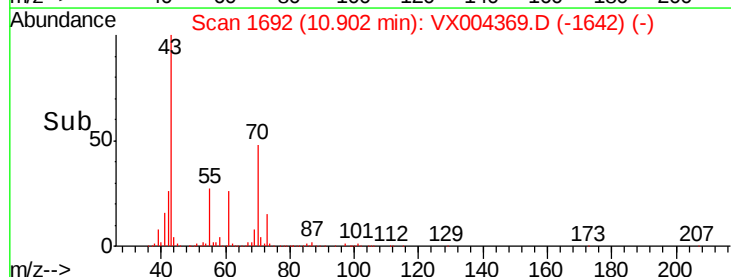
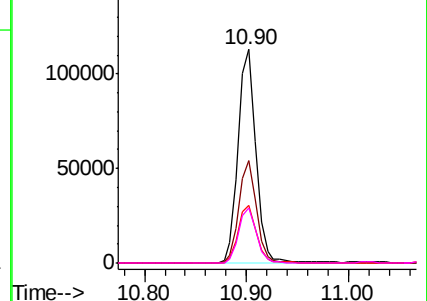


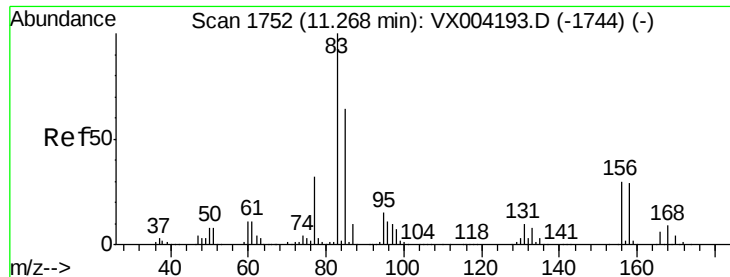
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.70 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

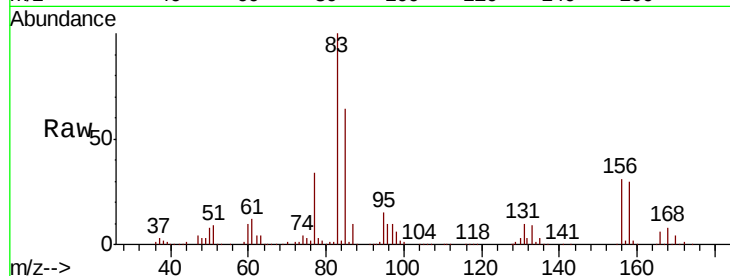
Tot Ion: 83 Resp: 120894

Ion Ratio Lower Upper

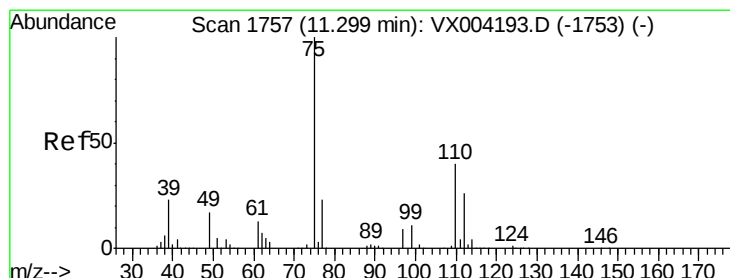
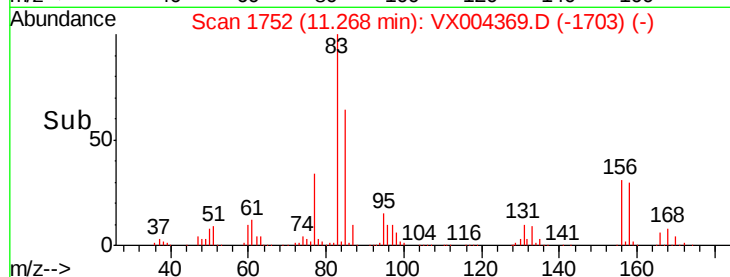
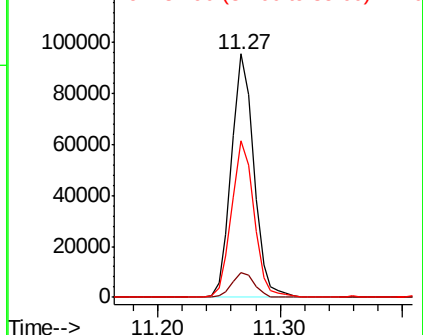
83 100

131 10.5 5.2 15.6

85 64.6 32.3 96.8



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: 26.27 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004369.D

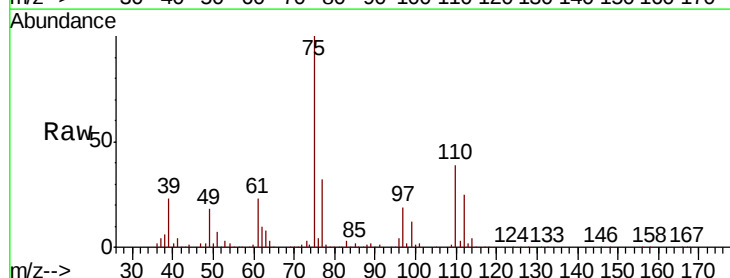
Acq: 05 Sep 2018 14:02

Tgt Ion: 75 Resp: 135759

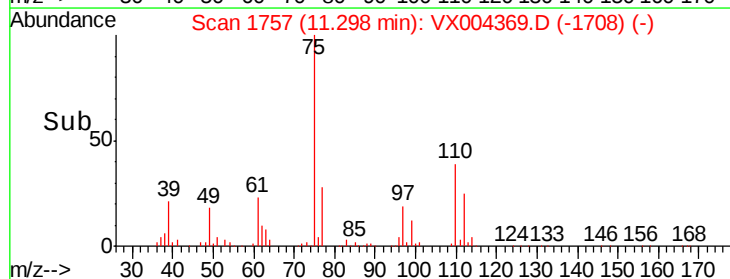
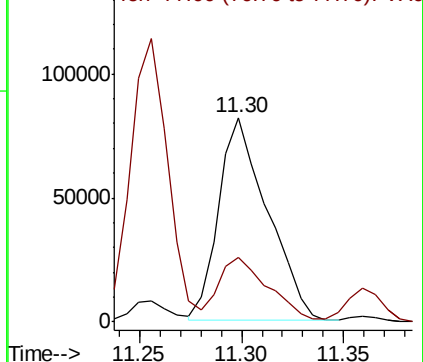
Ion Ratio Lower Upper

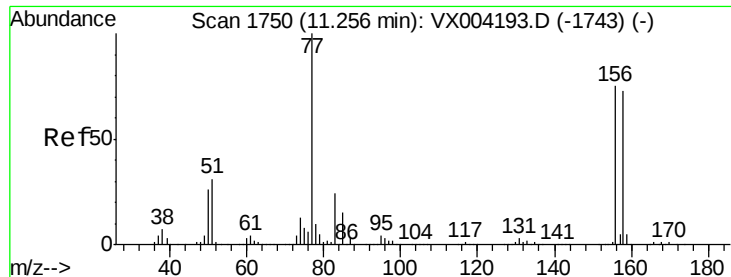
75 100

77 32.0 20.2 60.6



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





#77

Bromobenzene

Concen: 21.47 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

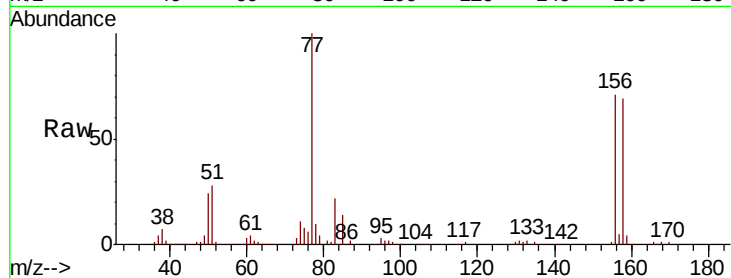
Tot Ion:156 Resp: 100508

Ion Ratio Lower Upper

156 100

77 146.0 71.5 214.3

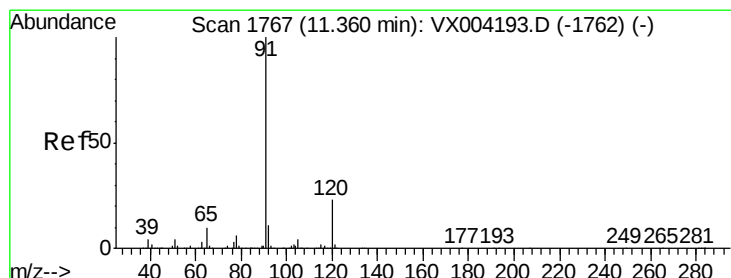
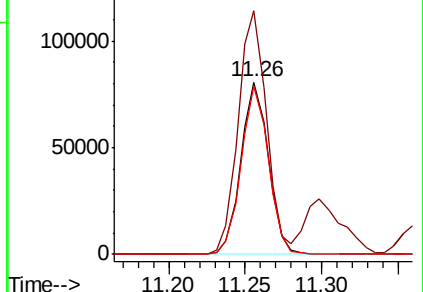
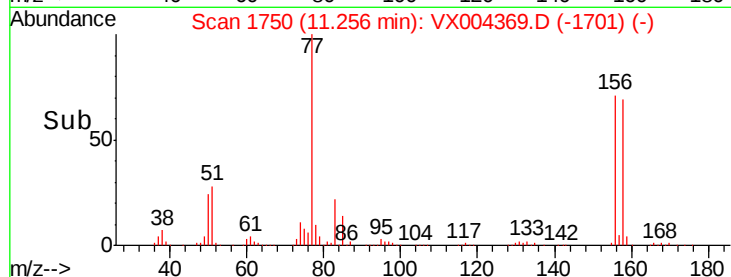
158 97.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.36 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004369.D

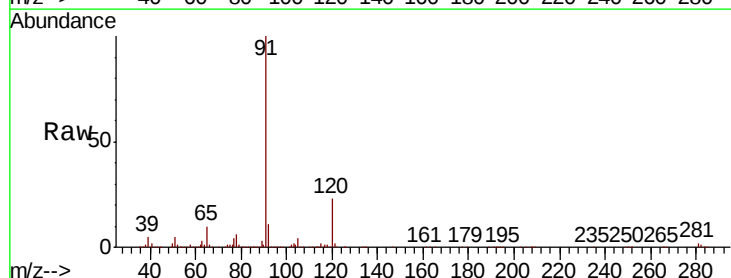
Acq: 05 Sep 2018 14:02

Tgt Ion: 91 Resp: 429257

Ion Ratio Lower Upper

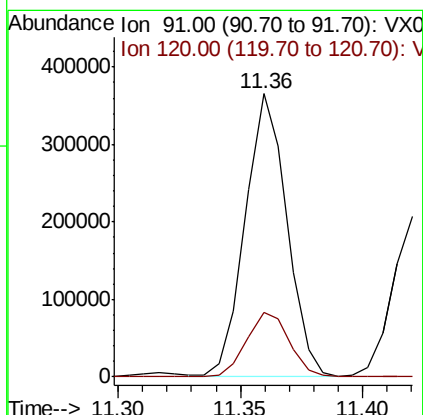
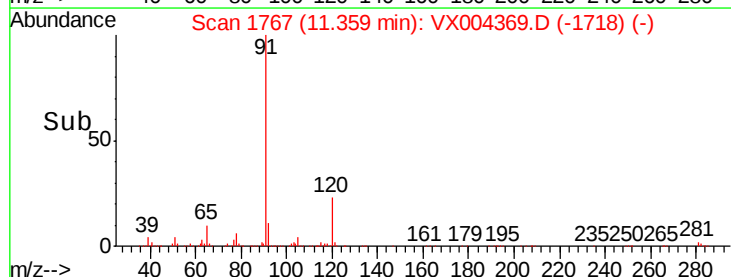
91 100

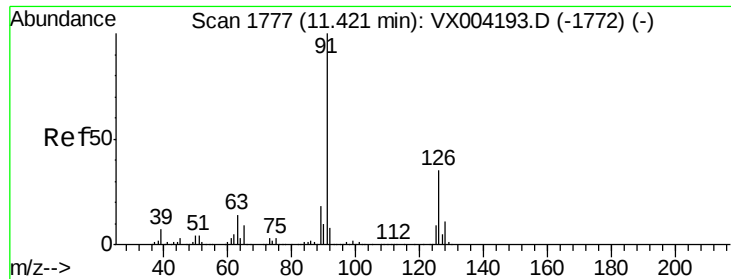
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.75 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

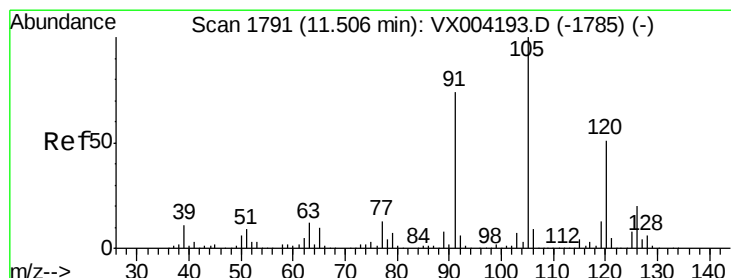
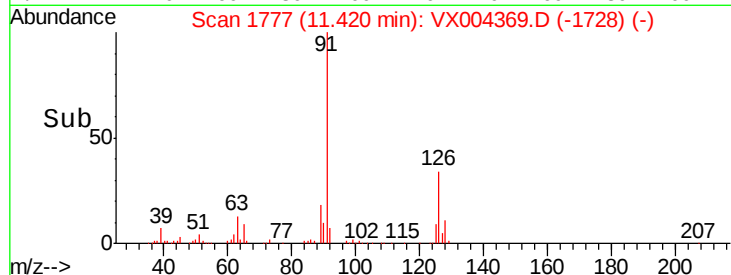
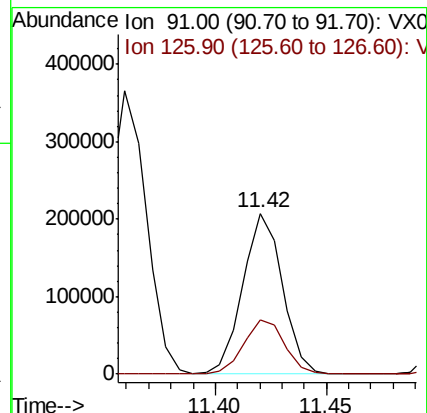
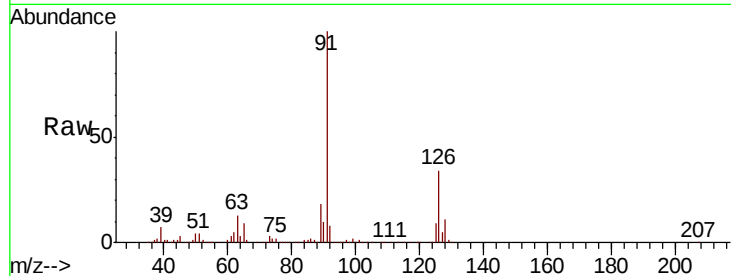
ClientSampled :

Tot Ion: 91 Resp: 257009

Ion Ratio Lower Upper

91 100

126 35.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 22.65 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004369.D

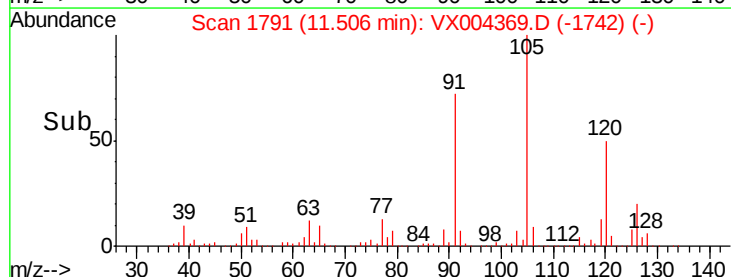
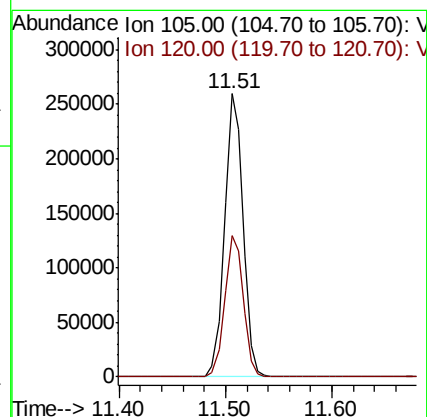
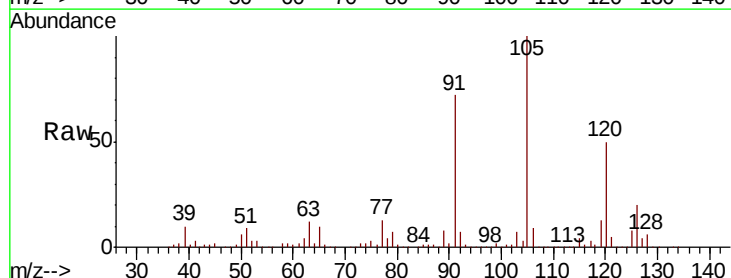
Acq: 05 Sep 2018 14:02

Tgt Ion:105 Resp: 312993

Ion Ratio Lower Upper

105 100

120 50.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.91 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

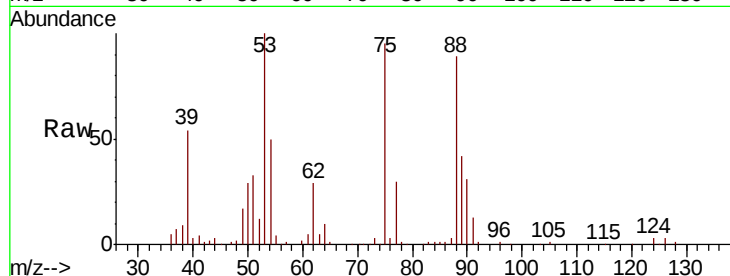
Tot Ion: 75 Resp: 31707

Ion Ratio Lower Upper

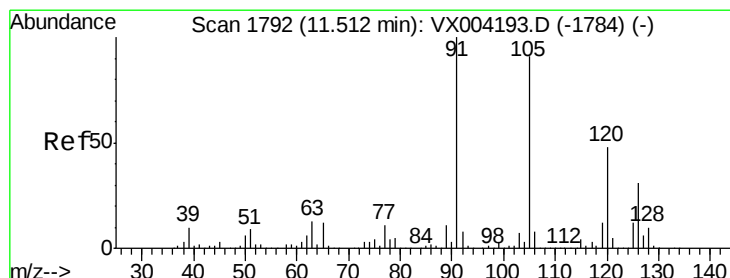
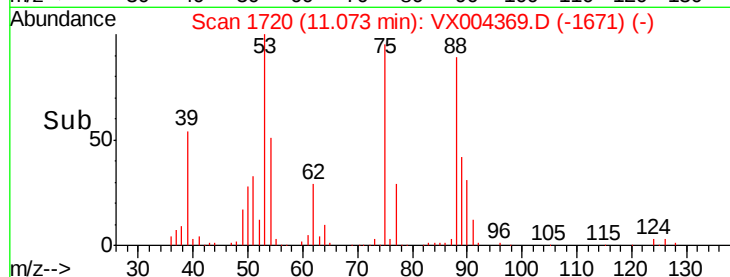
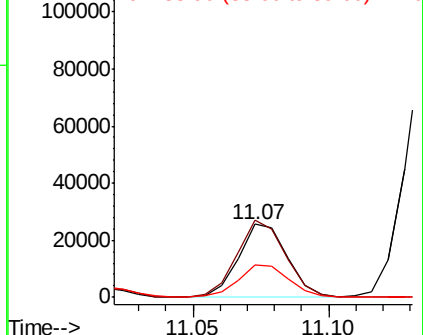
75 100

53 104.7 80.1 120.1

89 46.5 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.35 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004369.D

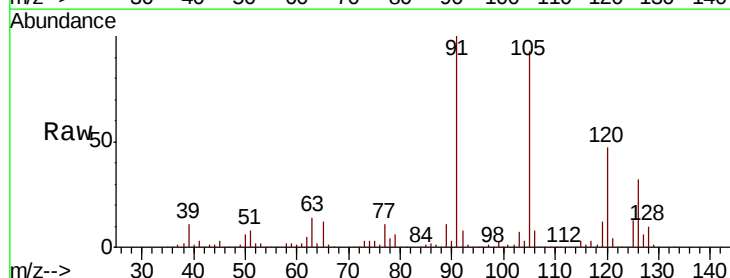
Acq: 05 Sep 2018 14:02

Tgt Ion: 91 Resp: 296741

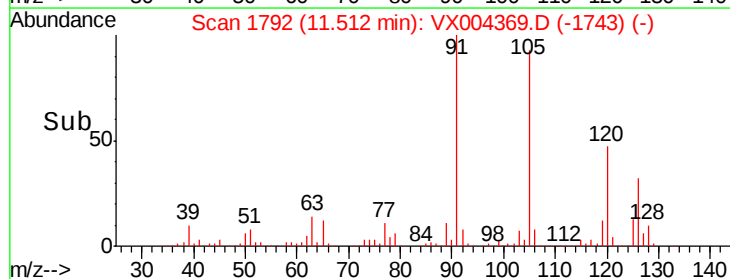
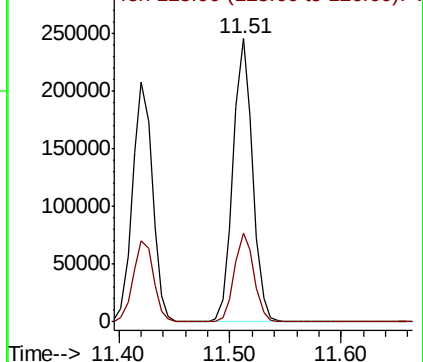
Ion Ratio Lower Upper

91 100

126 31.5 15.5 46.5



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

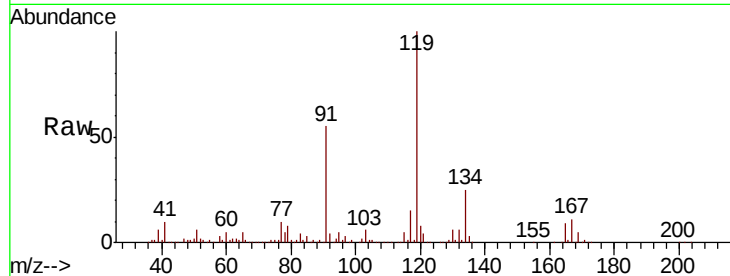




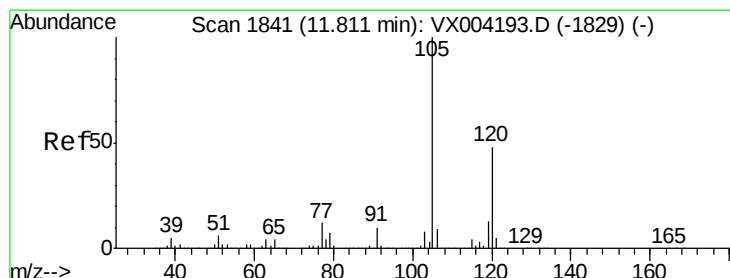
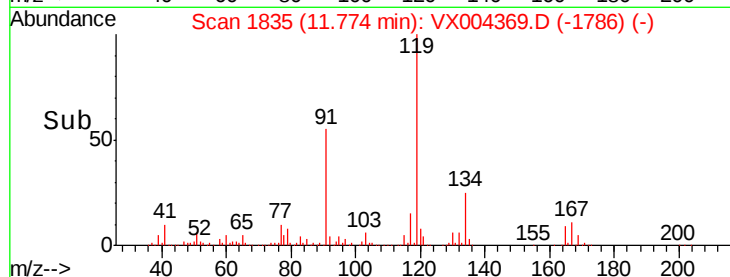
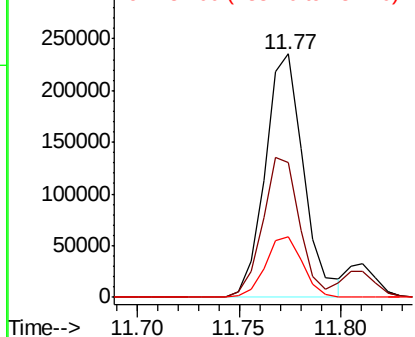
#83  
 tert-Butylbenzene  
 Concen: 22.23 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:119 Resp: 309057  
 Ion Ratio Lower Upper  
 119 100  
 91 55.2 27.0 81.0  
 134 24.4 11.7 35.1

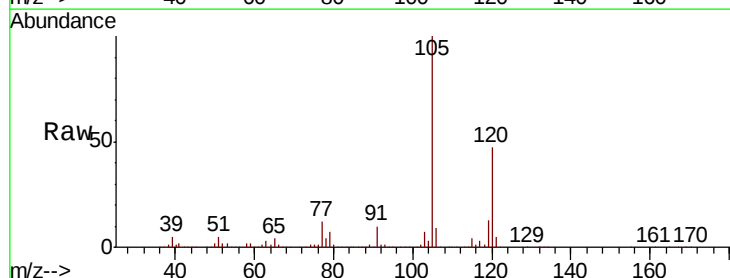


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VX0  
 Ion 134.00 (133.70 to 134.70): V

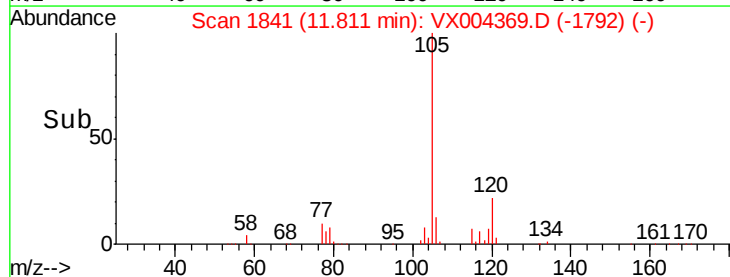
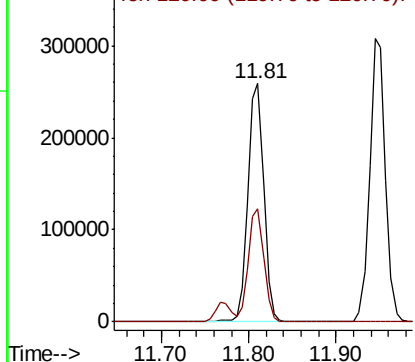


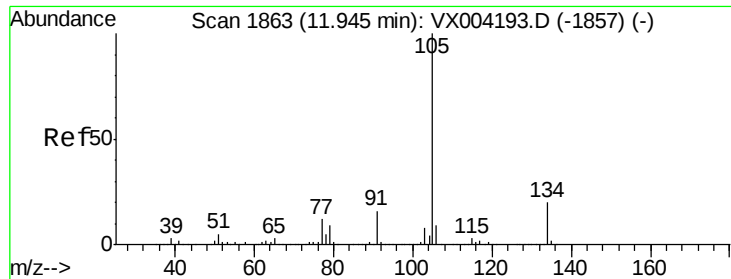
#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.74 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

Tgt Ion:105 Resp: 322581  
 Ion Ratio Lower Upper  
 105 100  
 120 46.5 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 23.34 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

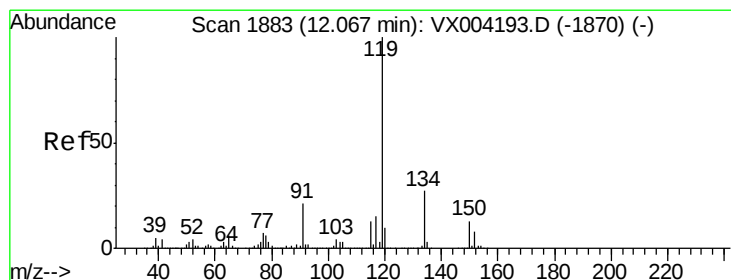
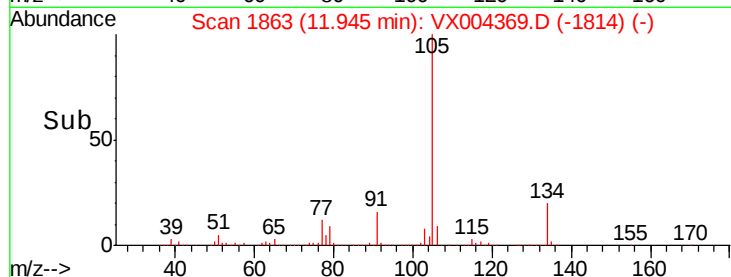
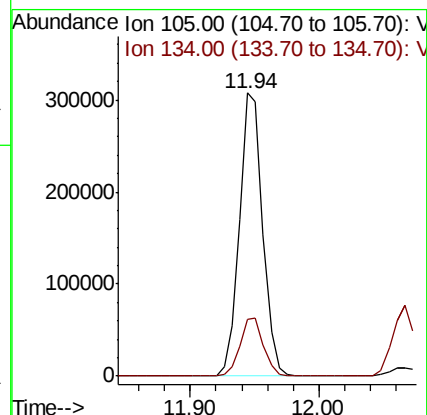
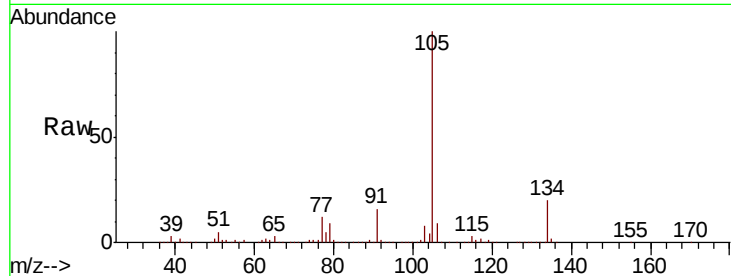
ClientSampleId :

Tot Ion:105 Resp: 385225

Ion Ratio Lower Upper

105 100

134 20.6 10.5 31.5



#86

p-Isopropyltoluene

Concen: 23.20 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

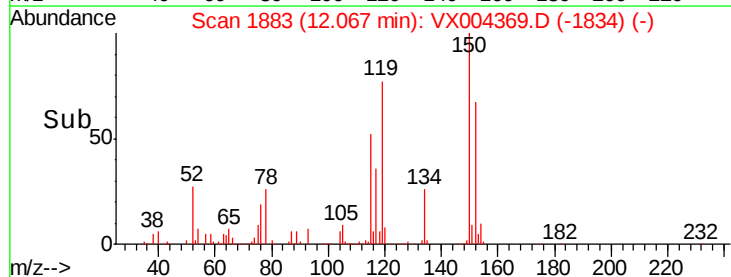
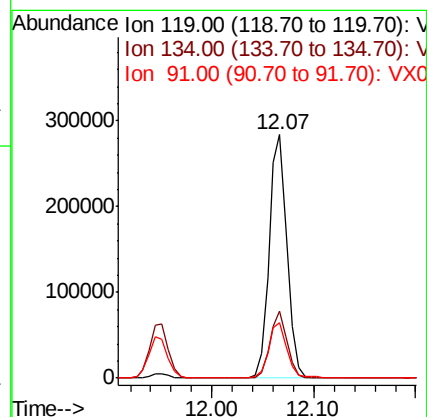
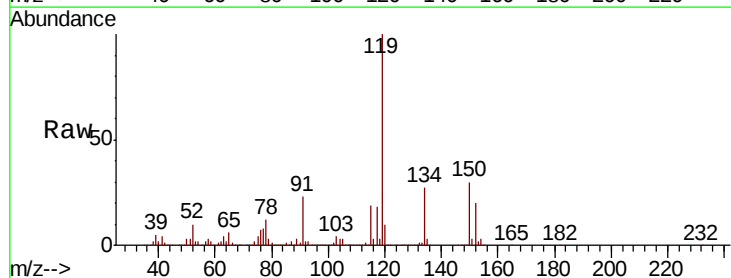
Tgt Ion:119 Resp: 343187

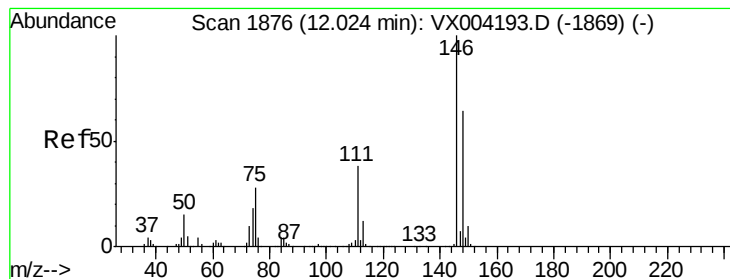
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 24.5 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 20.93 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampleId :

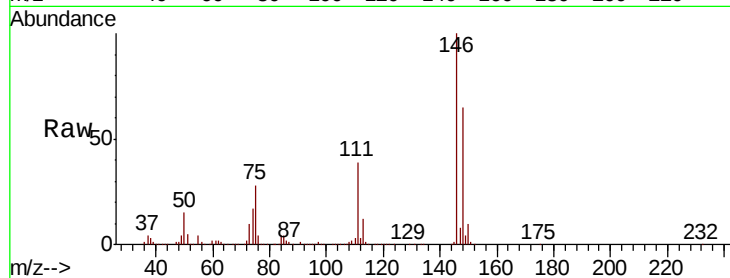
Tot Ion:146 Resp: 184451

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

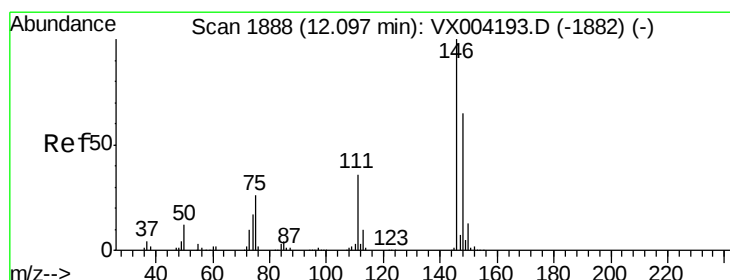
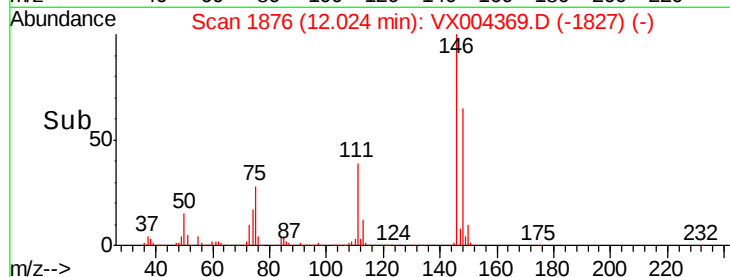
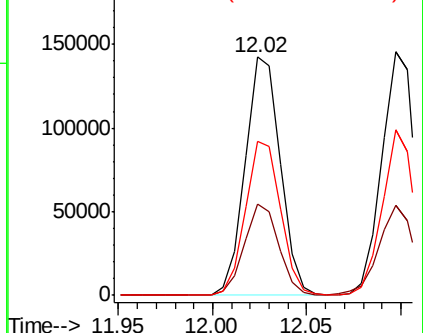
148 64.6 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 19.50 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

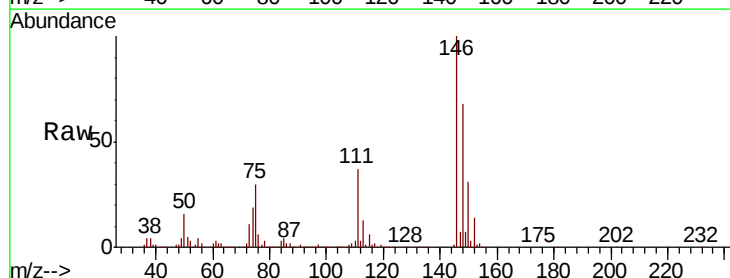
Tgt Ion:146 Resp: 181220

Ion Ratio Lower Upper

146 100

111 38.1 18.1 54.1

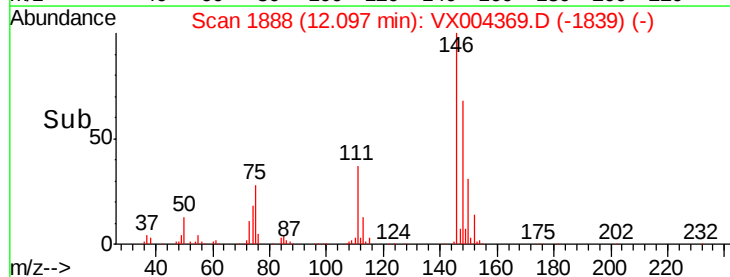
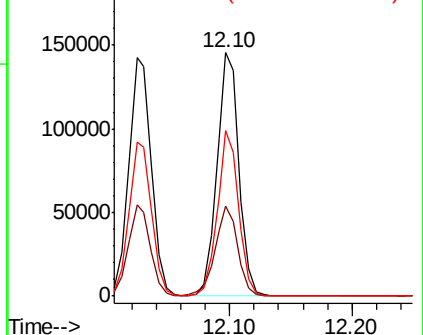
148 65.9 32.0 96.0

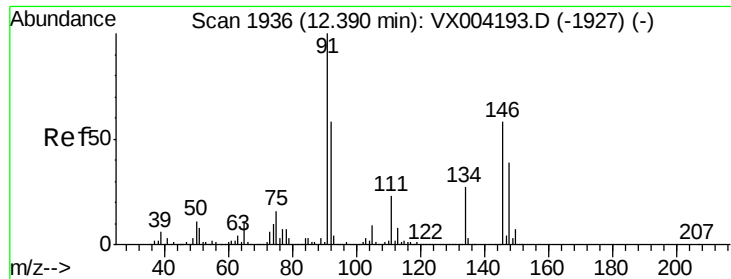


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

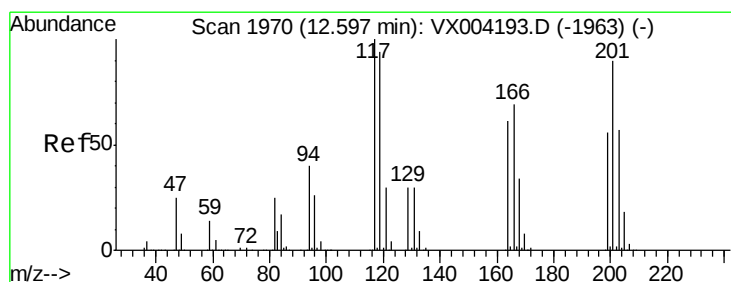
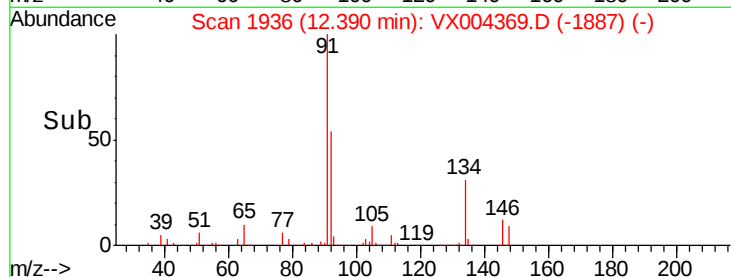
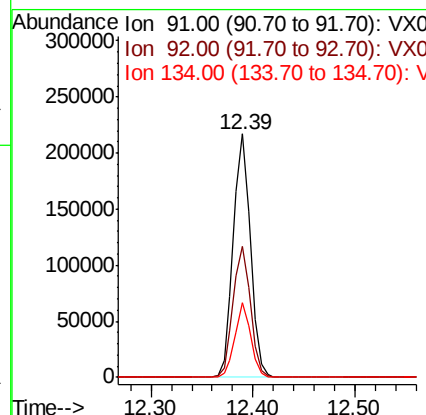
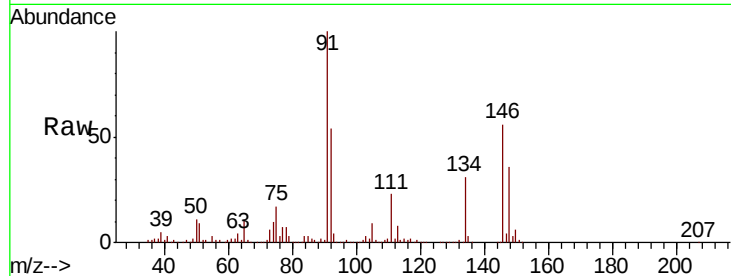




#89  
n-Butylbenzene  
Concen: 20.92 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

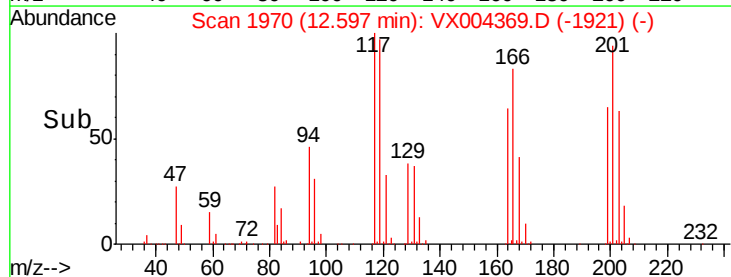
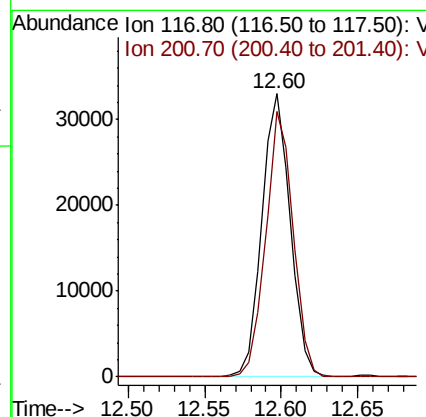
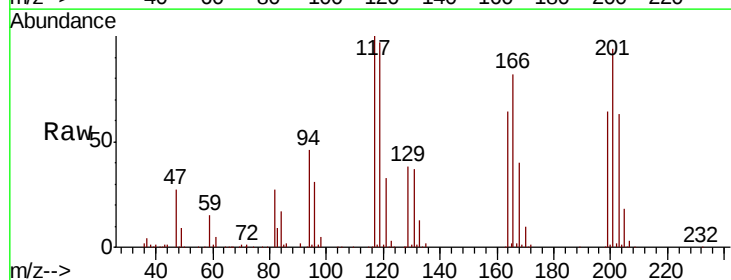
Instrument :  
MSVOA\_X  
ClientSampled :

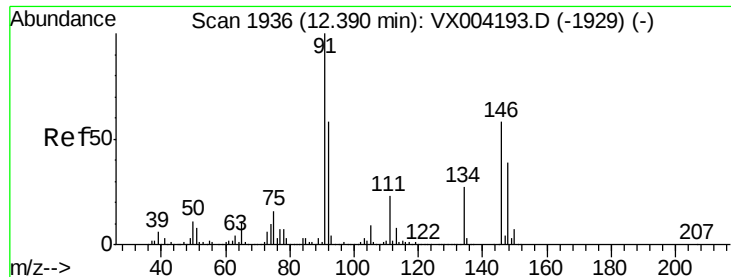
Tot Ion: 91 Resp: 251698  
Ion Ratio Lower Upper  
91 100  
92 54.3 27.3 81.9  
134 28.1 13.6 40.7



#90  
Hexachloroethane  
Concen: 20.69 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: VX004369.D  
Acq: 05 Sep 2018 14:02

Tgt Ion: 117 Resp: 42782  
Ion Ratio Lower Upper  
117 100  
201 91.0 46.9 140.6

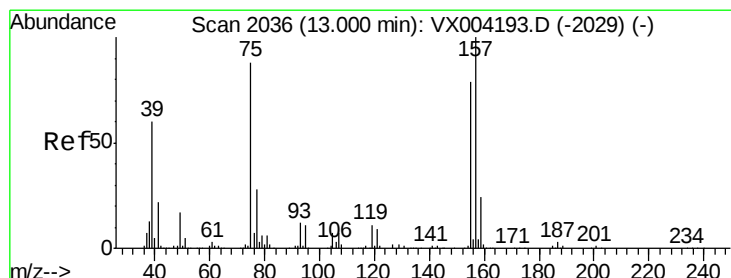
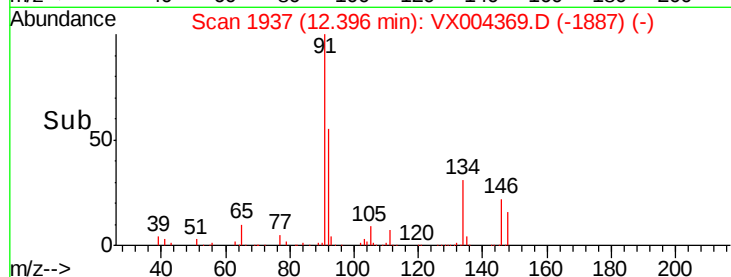
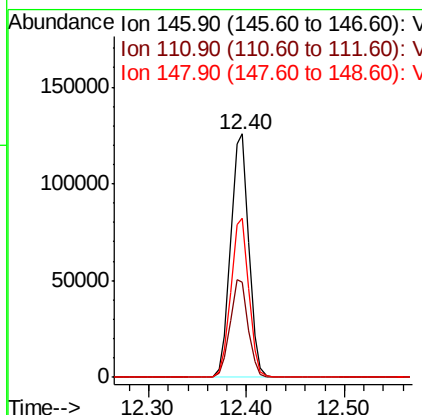
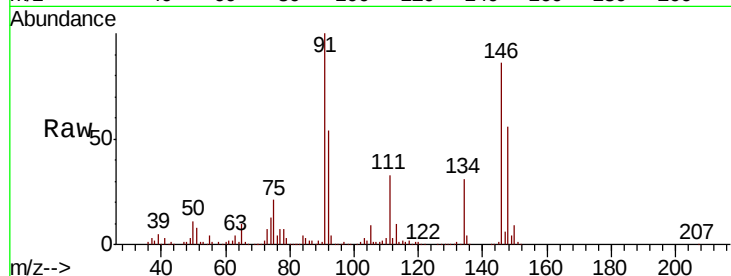




#91  
 1,2-Dichlorobenzene  
 Concen: 20.04 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.01 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

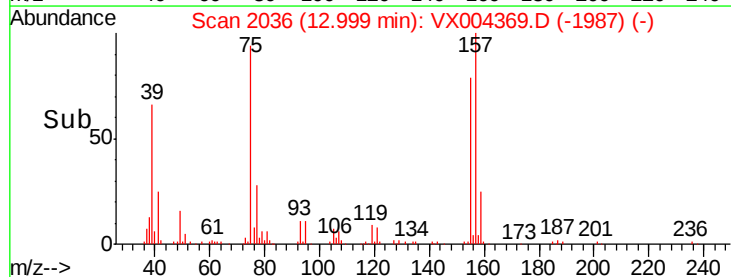
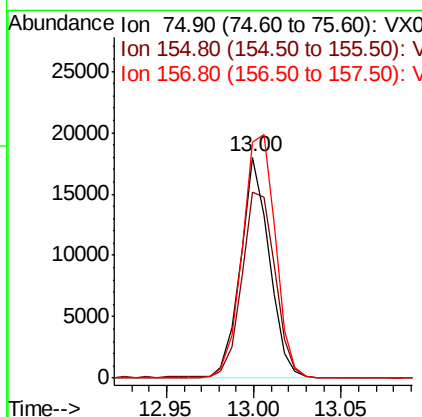
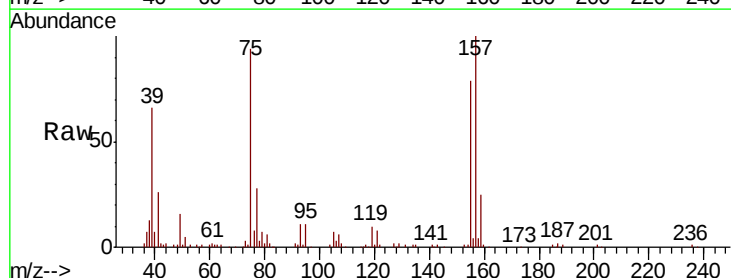
Instrument :  
 MSVOA\_X  
 ClientSampleId :

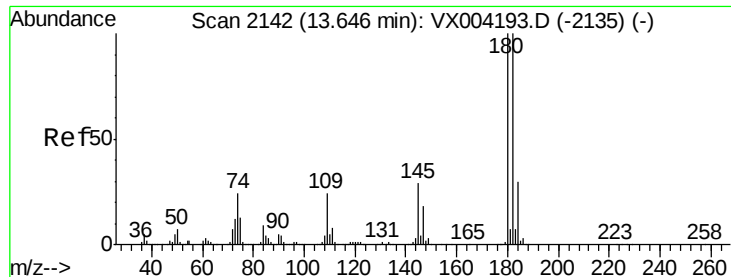
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 19.4  | 58.1  |
| 148     | 64.8  | 32.8  | 98.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.08 ug/l  
 RT: 13.00 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.0  | 48.0  | 144.2 |
| 157     | 126.2 | 61.4  | 184.1 |

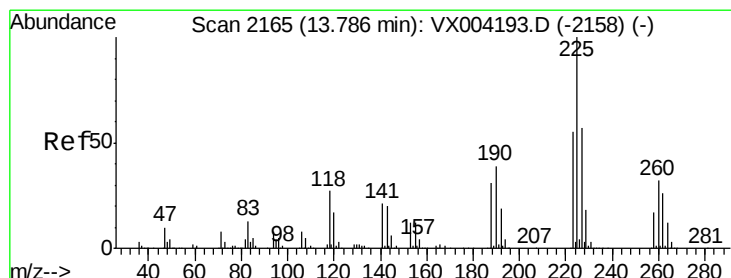
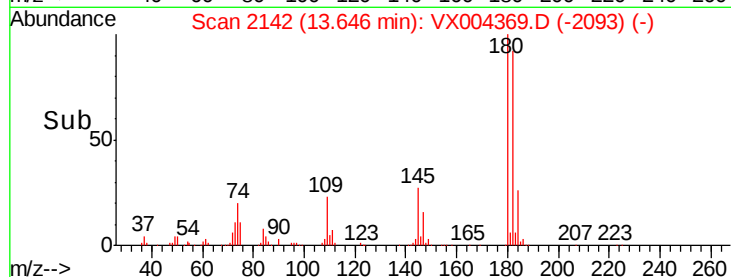
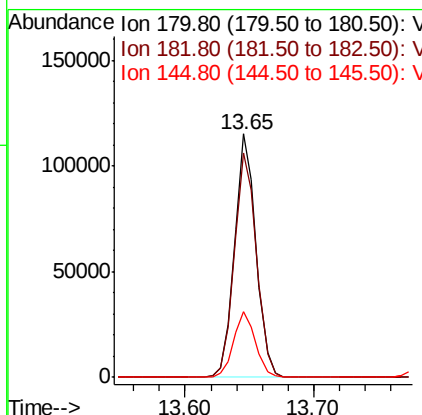
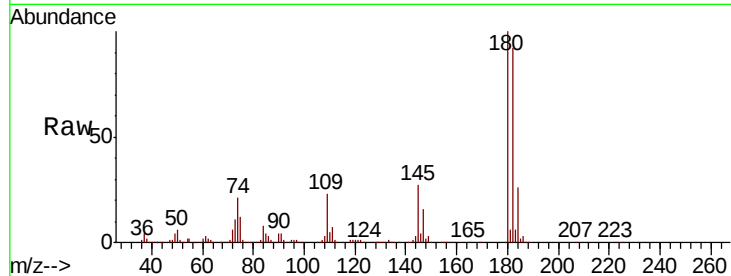




#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.82 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

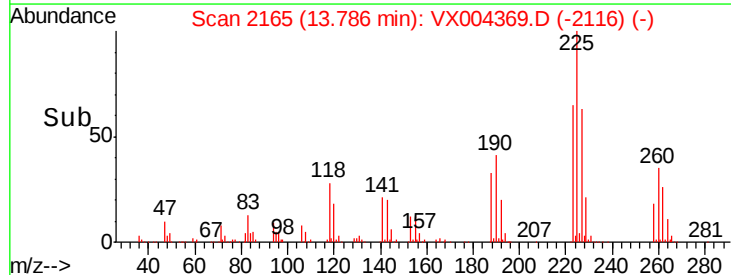
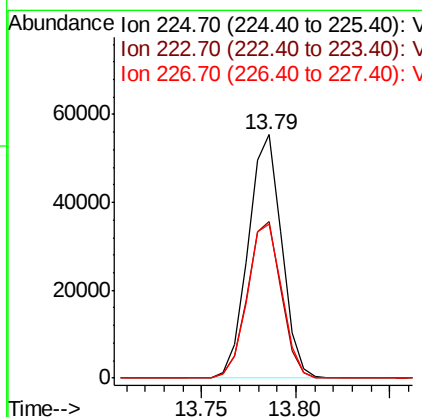
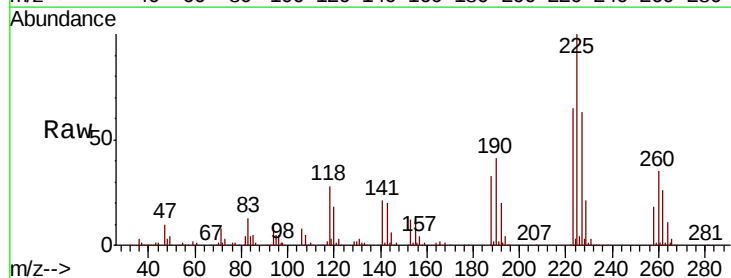
Instrument :  
 MSVOA\_X  
 ClientSampleId :

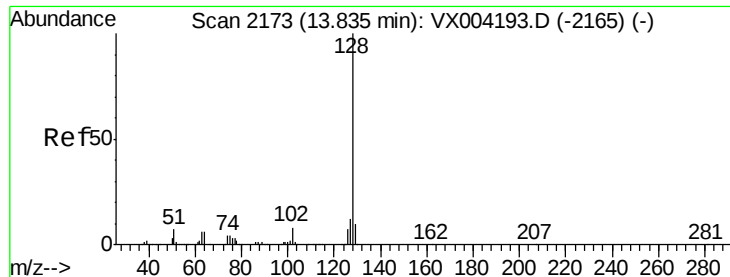
Tot Ion:180 Resp: 133762  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 48.4 145.0  
 145 27.6 14.3 42.9



#94  
 Hexachlorobutadiene  
 Concen: 24.93 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX004369.D  
 Acq: 05 Sep 2018 14:02

Tgt Ion:225 Resp: 68171  
 Ion Ratio Lower Upper  
 225 100  
 223 64.8 30.1 90.5  
 227 65.2 30.8 92.4





#95

Naphthalene

Concen: 24.33 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

Instrument :

MSVOA\_X

ClientSampled :

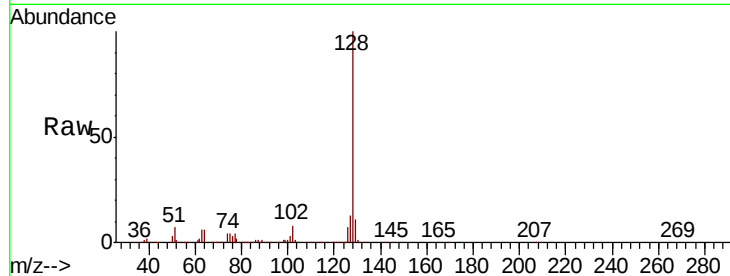
Tot Ion:128 Resp: 403341

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

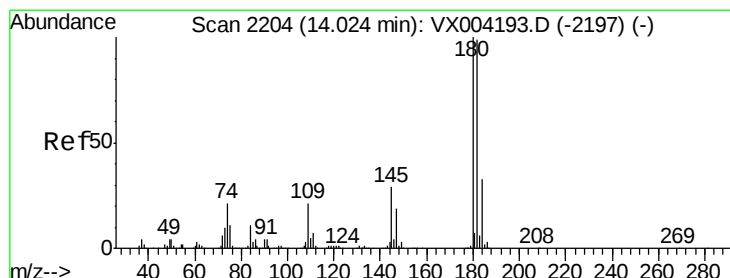
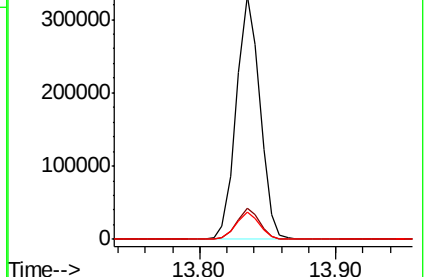
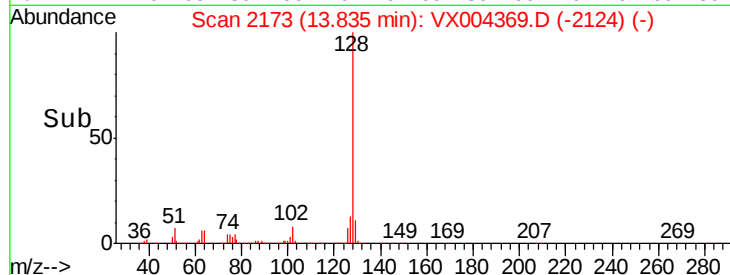
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.94 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004369.D

Acq: 05 Sep 2018 14:02

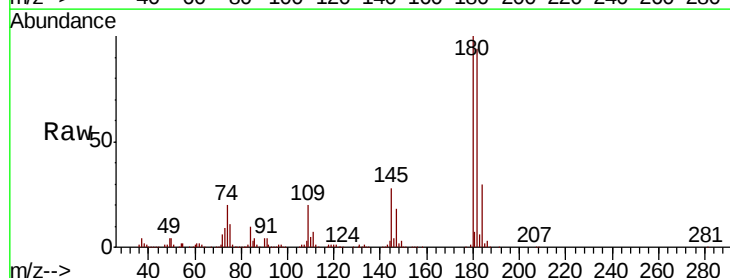
Tgt Ion:180 Resp: 142344

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.6

145 29.4 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

