

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\  
 Data File : VX012931.D  
 Acq On : 09 Oct 2019 10:43  
 Operator : JC/SP  
 Sample : VX1009WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 10 01:32:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 09 01:51:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 178285   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 295078   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 267144   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 122403   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 113586   | 50.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.94% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 89257    | 52.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.40% |      |
| 50) Toluene-d8            | 8.71   | 98  | 344299   | 52.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.24% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 133969   | 52.20 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.40% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 37292  | 20.521  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 39369  | 19.906  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 39120  | 19.164  | ug/l | 99     |
| 5) Bromomethane               | 1.63 | 94  | 20314  | 23.939  | ug/l | 98     |
| 6) Chloroethane               | 1.72 | 64  | 26446  | 21.420  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 56468  | 20.495  | ug/l | 99     |
| 8) Diethyl Ether              | 2.17 | 74  | 22369  | 20.114  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 36133  | 20.263  | ug/l | 98     |
| 10) Methyl Iodide             | 2.50 | 142 | 29093  | 18.019  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 51710  | 87.539  | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 35182  | 19.528  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 31493  | 75.020  | ug/l | 100    |
| 14) Allyl chloride            | 2.72 | 41  | 62136  | 19.366  | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 108572 | 96.988  | ug/l | 100    |
| 16) Acetone                   | 2.43 | 43  | 117863 | 100.347 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 92529  | 18.011  | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 51523  | 18.507  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 124353 | 19.987  | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 40652  | 18.833  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 37472  | 19.405  | ug/l | 93     |
| 22) Diisopropyl ether         | 3.84 | 45  | 125351 | 20.389  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.80 | 43  | 531145 | 100.075 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 69638  | 20.134  | ug/l | 99     |
| 25) 2-Butanone                | 4.65 | 43  | 159996 | 98.185  | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 57993  | 19.939  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 43852  | 19.701  | ug/l | 98     |
| 28) Bromochloromethane        | 5.00 | 49  | 21013  | 20.061  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 96894  | 96.627  | ug/l | 99     |
| 30) Chloroform                | 5.19 | 83  | 69719  | 19.645  | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 65224  | 20.167  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 60697  | 20.185  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 53781  | 20.730  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.82 | 43  | 56884  | 19.609  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 49650  | 19.662  | ug/l | 92     |

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 Operator : JC/SP  
 Sample : VX1009WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 10 01:32:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 09 01:51:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 67767    | 21.539  | ug/l   | 99       |
| 40) Benzene                    | 6.13  | 78   | 156642   | 20.443  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.02  | 41   | 30748    | 19.289  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 56773    | 20.648  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.43  | 43   | 92181    | 19.798  | ug/l   | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 41036    | 19.313  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 39462    | 20.207  | ug/l   | 95       |
| 46) Dibromomethane             | 7.65  | 93   | 26059    | 20.028  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.89  | 83   | 50623    | 19.937  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.76  | 41   | 44445    | 19.588  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 21744    | 379.660 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 289753   | 99.811  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 100511   | 20.504  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 54594    | 18.650  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 62038    | 19.865  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 39711    | 20.470  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 62408    | 19.138  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 67143    | 20.008  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 145297   | 101.953 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 223198   | 98.769  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 38454    | 19.008  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 41176    | 20.177  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 40084    | 21.633  | ug/l   | 91       |
| 65) Chlorobenzene              | 10.13 | 112  | 105231   | 19.836  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 36620    | 19.909  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 190553   | 20.221  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.35 | 106  | 144832   | 41.141  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 70060    | 20.408  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 118741   | 20.346  | ug/l   | 98       |
| 71) Bromoform                  | 10.85 | 173  | 25238    | 18.230  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 188790   | 20.978  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 77152    | 19.906  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 60492    | 20.210  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 67411    | 24.830  | ug/l   | 78       |
| 77) Bromobenzene               | 11.25 | 156  | 43101    | 20.324  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.35 | 91   | 207169   | 20.921  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 126957   | 20.400  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 159998   | 21.292  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 16524    | 18.457  | ug/l   | 89       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 149322   | 20.933  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 146169   | 19.941  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 155032   | 20.371  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 181726   | 21.399  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 164387   | 20.871  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 77955    | 19.795  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 79537    | 19.942  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 137770   | 20.812  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 25540    | 18.884  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 77990    | 20.201  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 13478    | 19.212  | ug/l   | 92       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\  
Data File : VX012931.D  
Acq On : 09 Oct 2019 10:43  
Operator : JC/SP  
Sample : VX1009WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 10 01:32:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 09 01:51:23 2019  
Response via : Initial Calibration

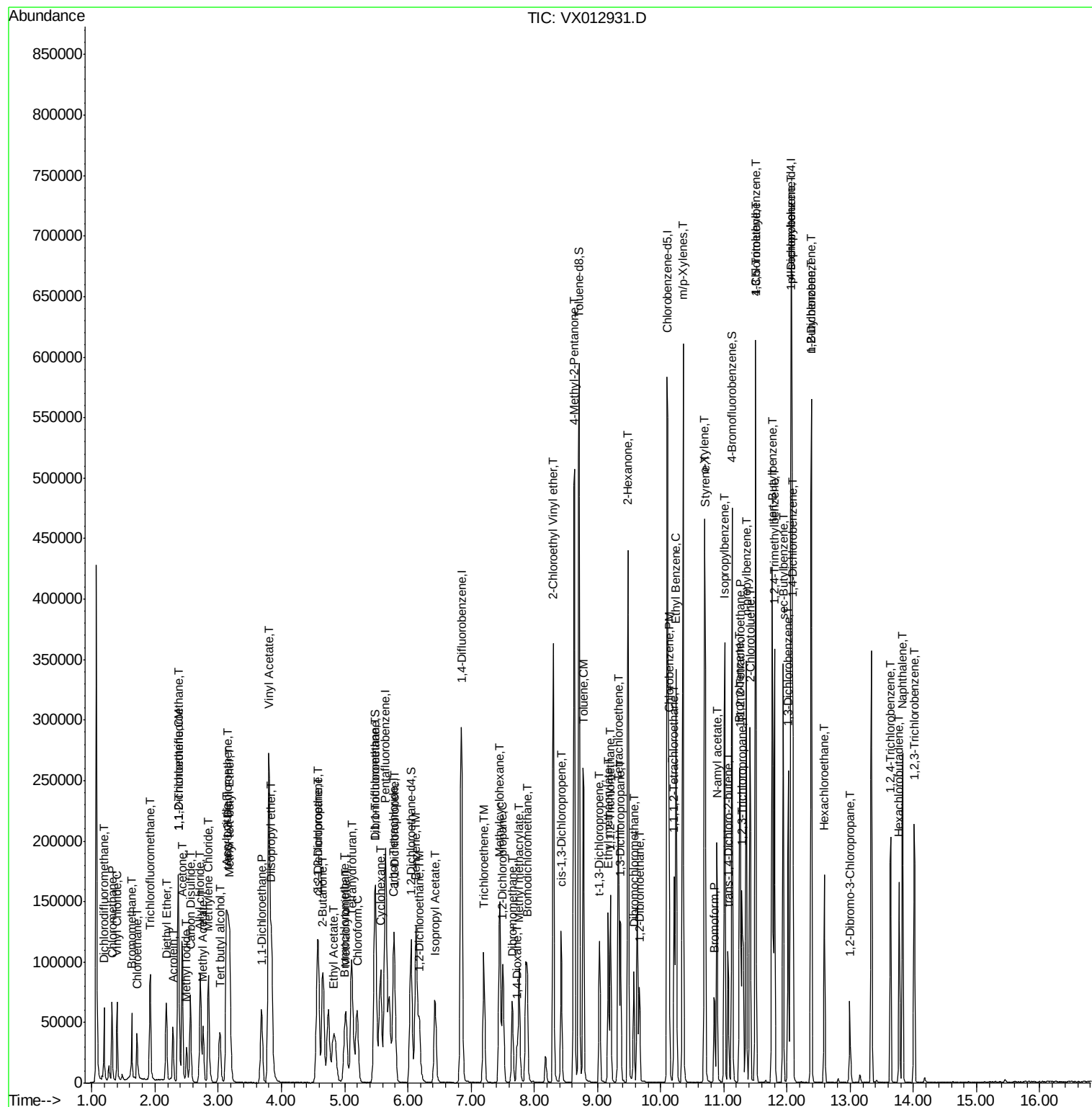
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 47282    | 19.550 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 22071    | 19.775 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 159935   | 19.077 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 49070    | 19.634 | ug/l  | 99       |

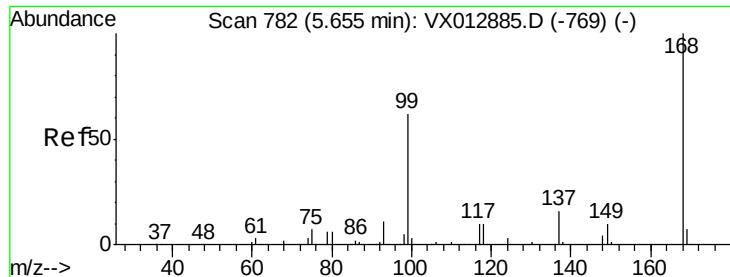
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100919\  
 Data File : VX012931.D  
 Acq On : 09 Oct 2019 10:43  
 Operator : JC/SP  
 Sample : VX1009WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 10 01:32:17 2019  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 09 01:51:23 2019  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

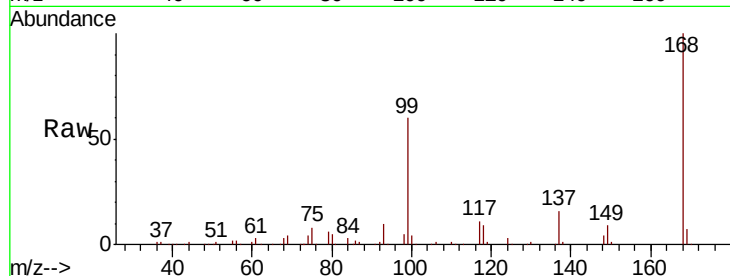
ClientSampleId :

Tot Ion:168 Resp: 178285

Ion Ratio Lower Upper

168 100

99 59.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

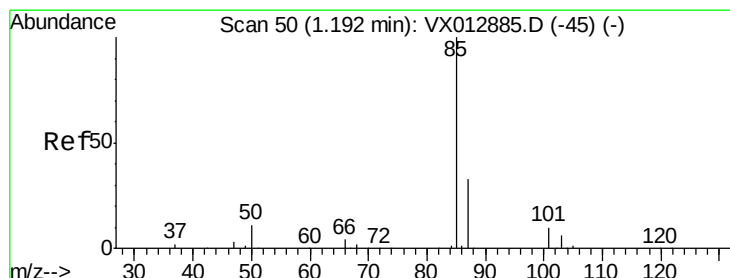
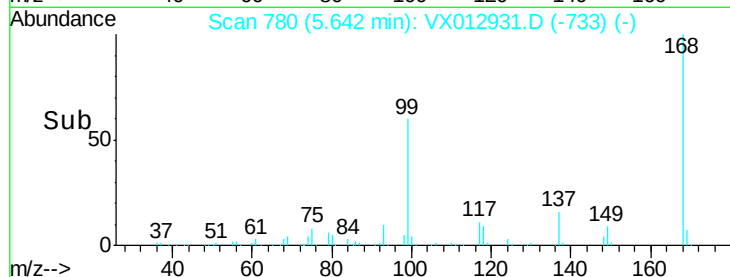
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.521 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012931.D

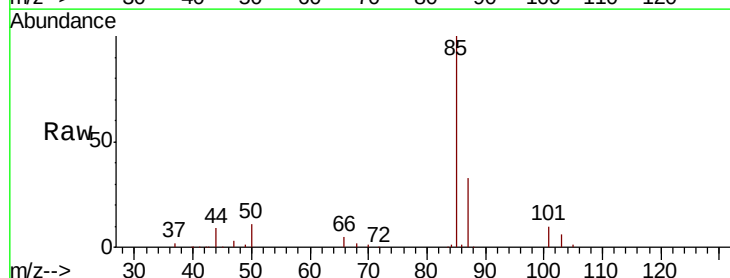
Acq: 09 Oct 2019 10:43

Tgt Ion: 85 Resp: 37292

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

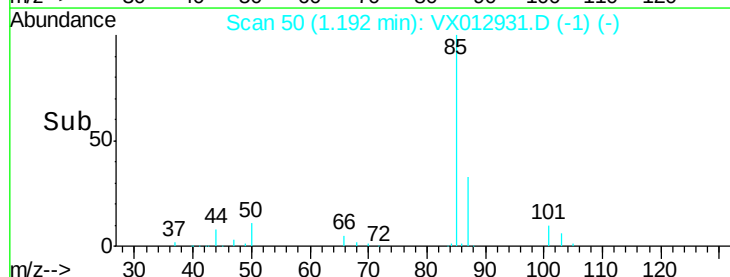
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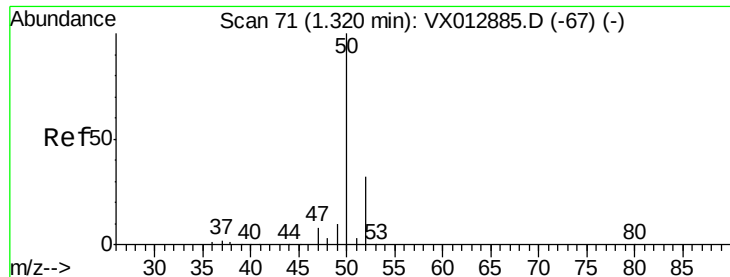
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.906 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

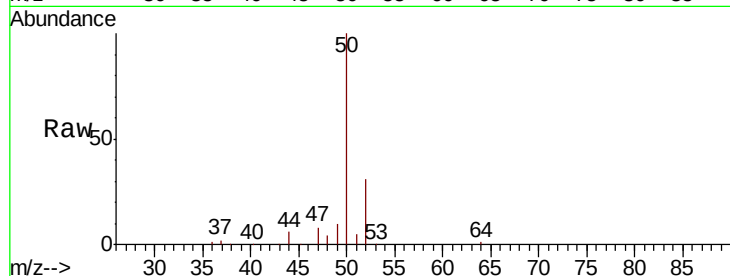
ClientSampleId :

Tot Ion: 50 Resp: 39369

Ion Ratio Lower Upper

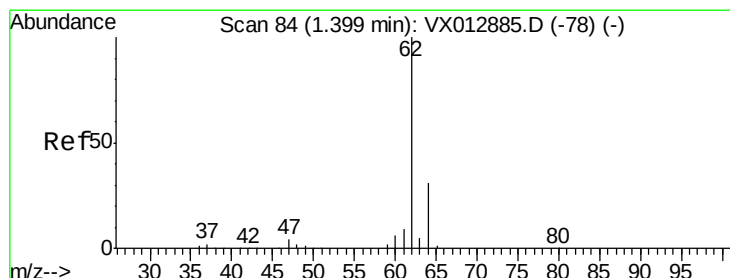
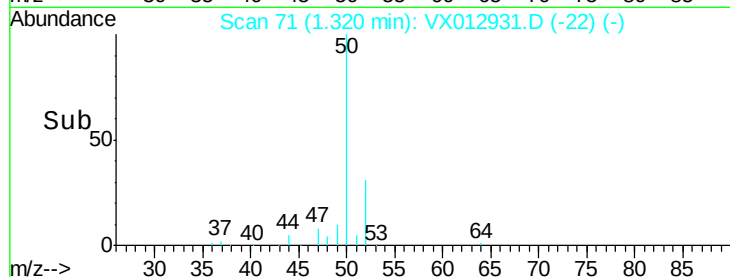
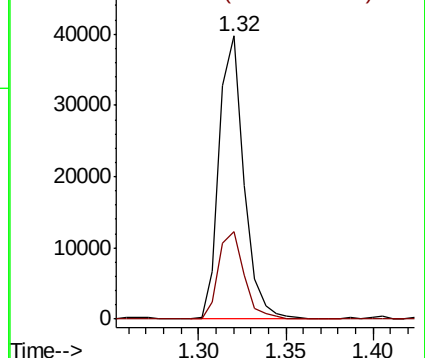
50 100

52 30.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.164 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012931.D

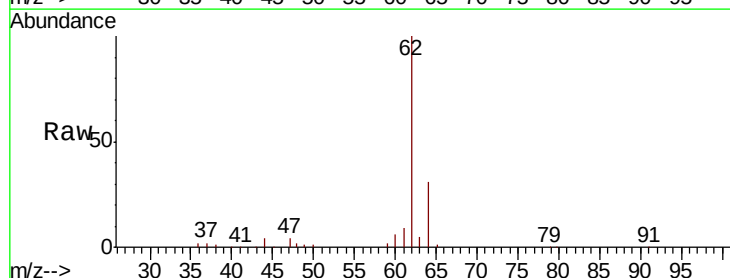
Acq: 09 Oct 2019 10:43

Tgt Ion: 62 Resp: 39120

Ion Ratio Lower Upper

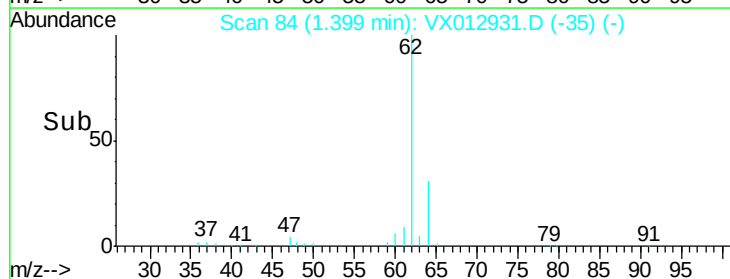
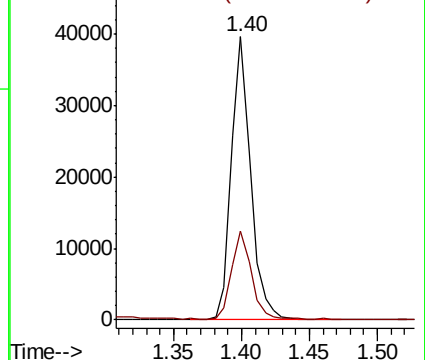
62 100

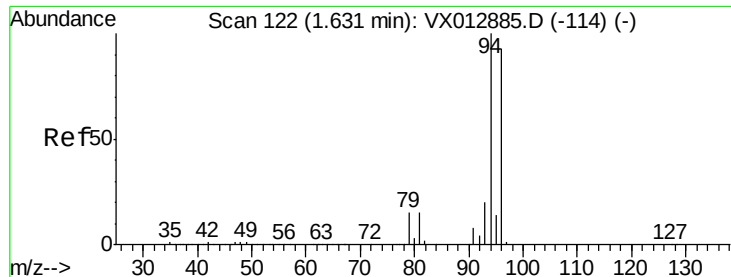
64 30.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.939 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

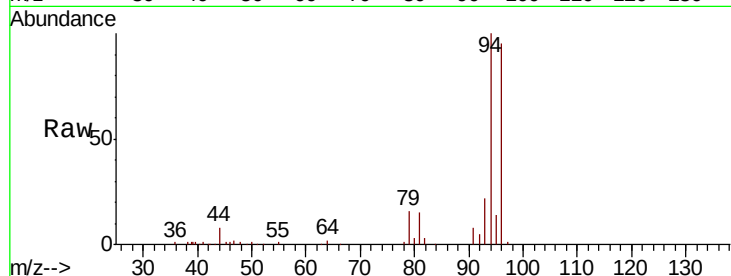
ClientSampleId :

Tot Ion: 94 Resp: 20314

Ion Ratio Lower Upper

94 100

96 95.0 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

20000

15000

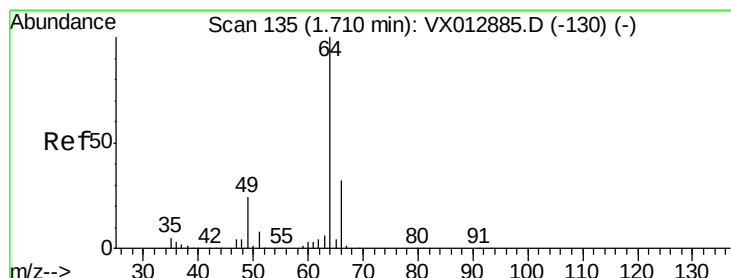
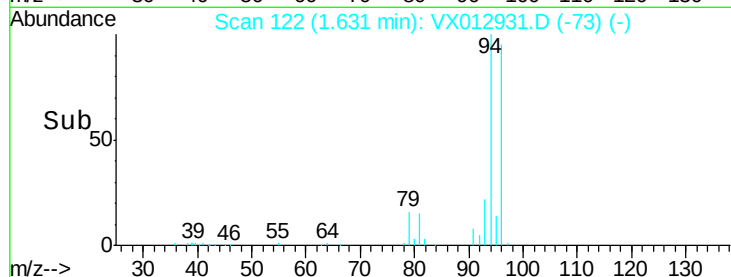
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 21.420 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012931.D

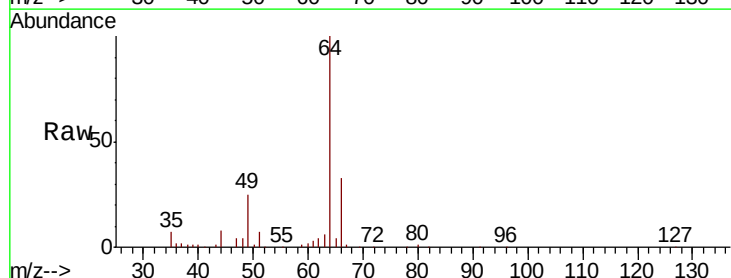
Acq: 09 Oct 2019 10:43

Tgt Ion: 64 Resp: 26446

Ion Ratio Lower Upper

64 100

66 34.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

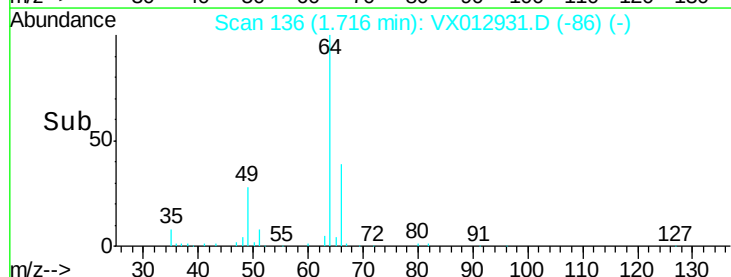
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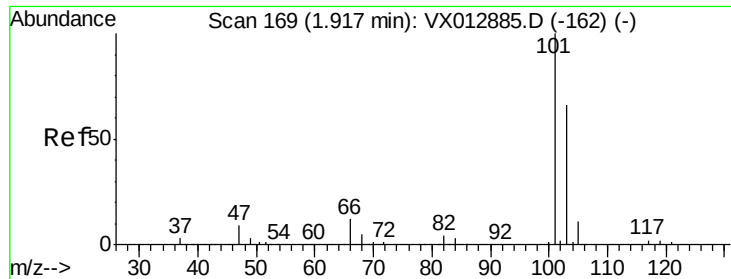
5000

0

Time-->

1.65 1.70 1.75 1.80



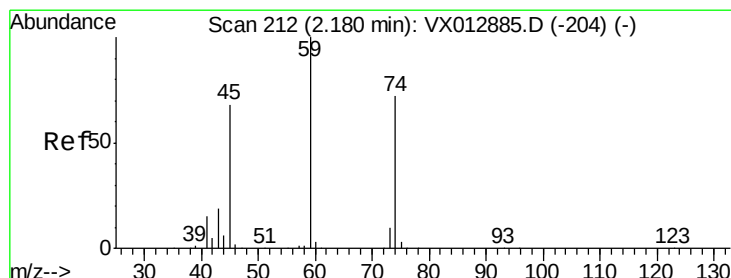
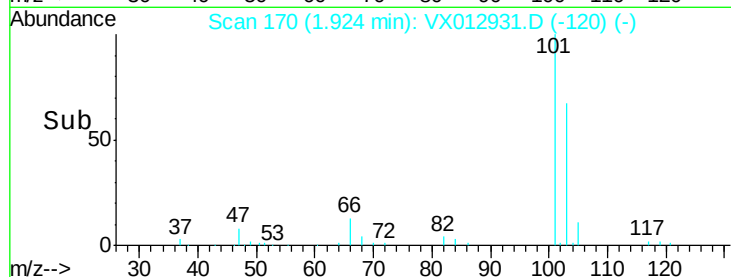
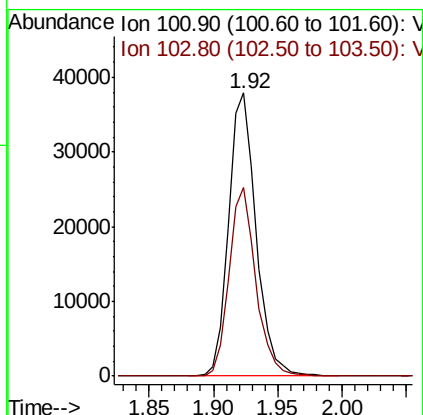
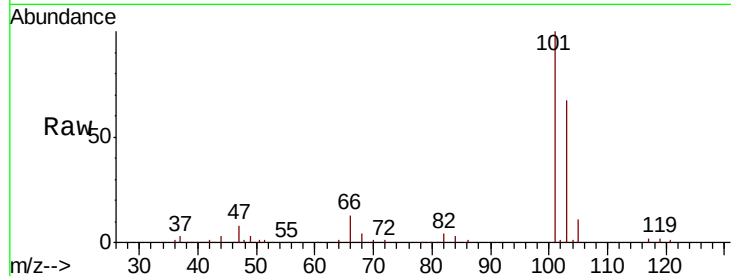


#7

Trichlorofluoromethane  
 Concen: 20.495 ug/l  
 RT: 1.92 min Scan# 170  
 Delta R.T. 0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :

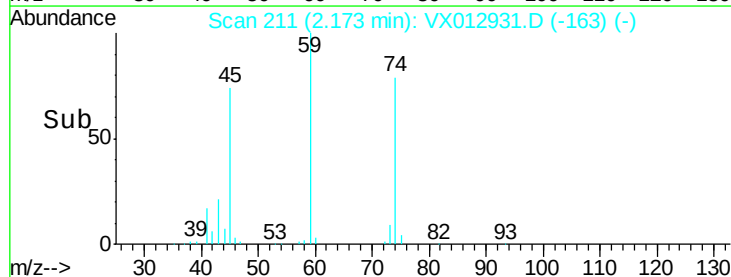
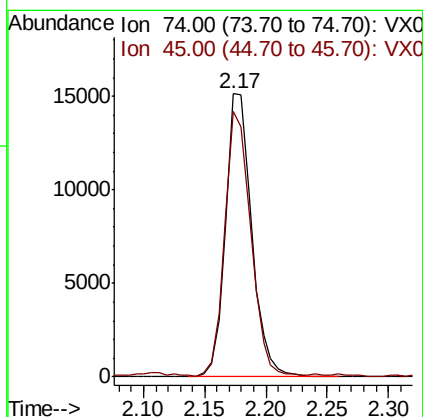
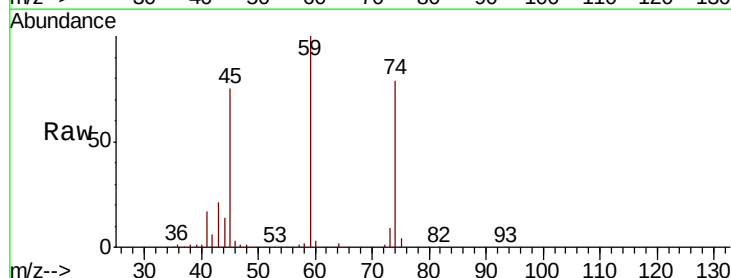
Tot Ion:101 Resp: 56468  
 Ion Ratio Lower Upper  
 101 100  
 103 66.7 52.5 78.7



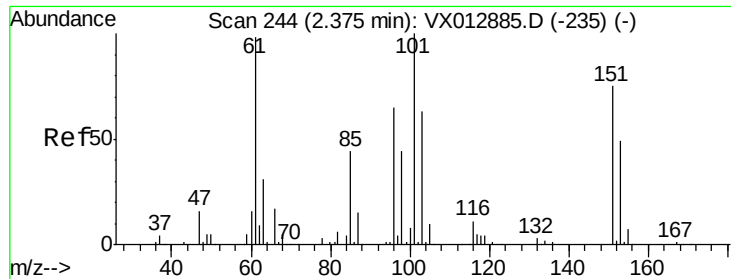
#8

Diethyl Ether  
 Concen: 20.114 ug/l  
 RT: 2.17 min Scan# 211  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Tgt Ion: 74 Resp: 22369  
 Ion Ratio Lower Upper  
 74 100  
 45 94.3 47.8 143.4







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.263 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampled :

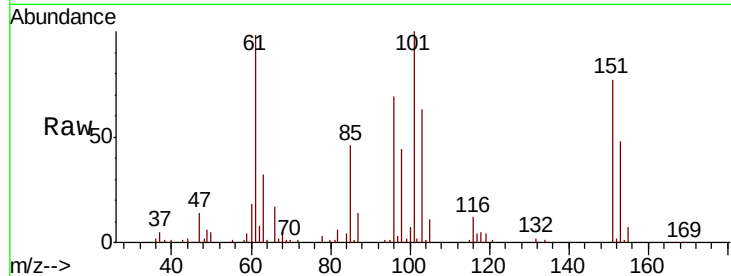
Tot Ion:101 Resp: 36133

Ion Ratio Lower Upper

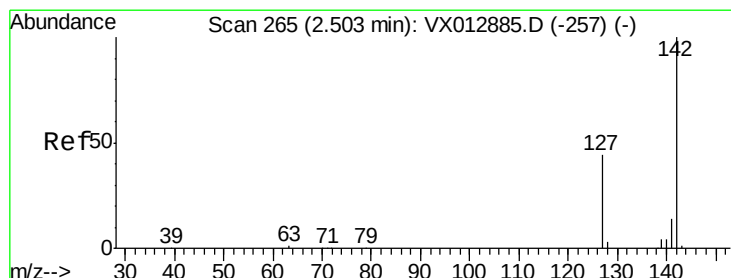
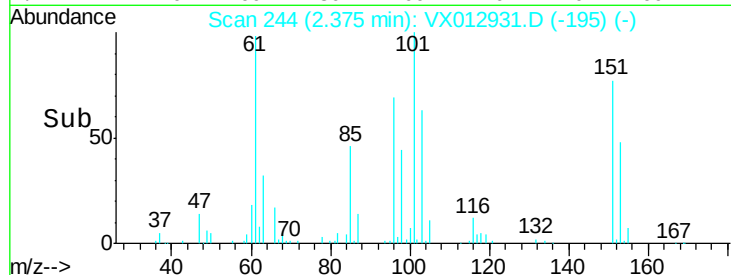
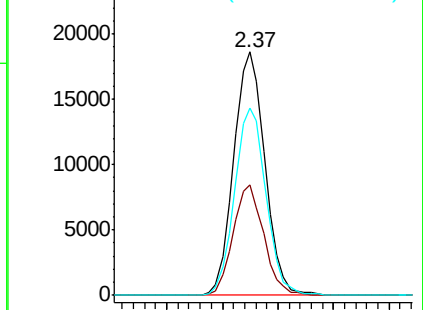
101 100

85 44.4 35.2 52.8

151 77.6 60.3 90.5



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: 18.019 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

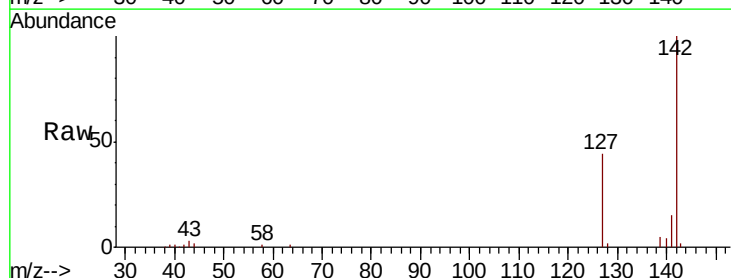
Tgt Ion:142 Resp: 29093

Ion Ratio Lower Upper

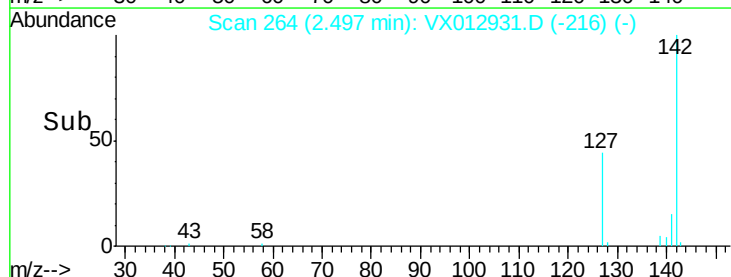
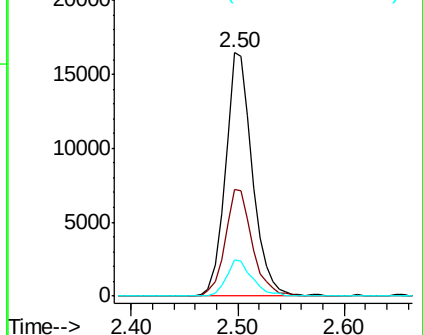
142 100

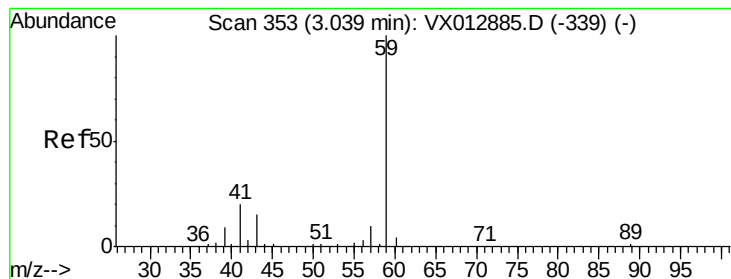
127 44.1 34.9 52.3

141 14.2 11.6 17.4



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



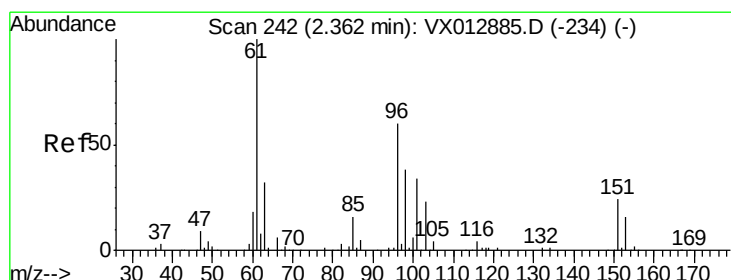
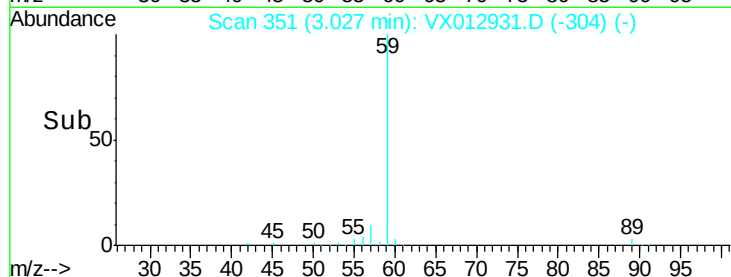
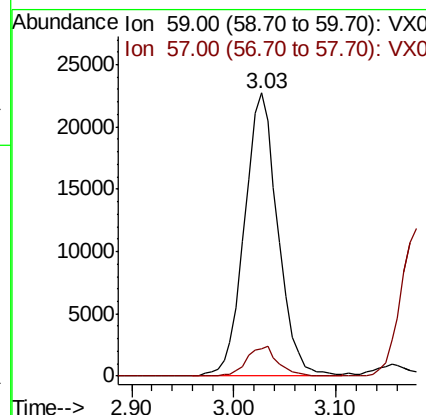
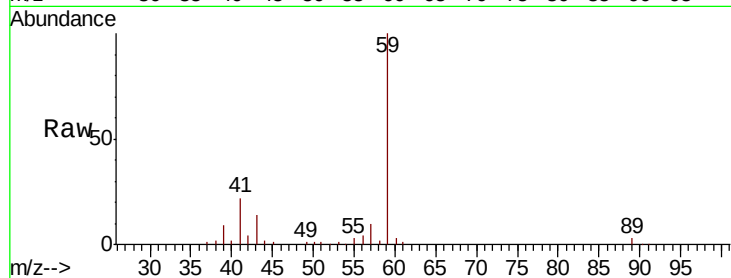


#11

Tert butyl alcohol  
 Concen: 87.539 ug/l  
 RT: 3.03 min Scan# 351  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Instrument :  
 MSVOA\_X  
 ClientSampled :

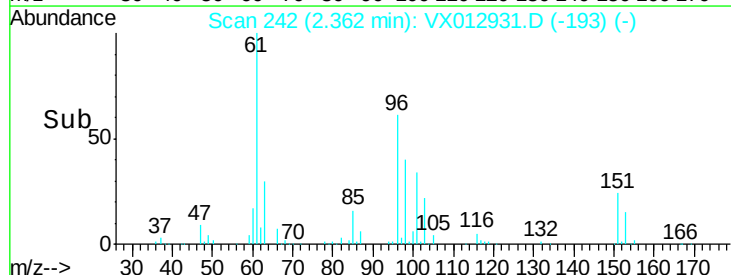
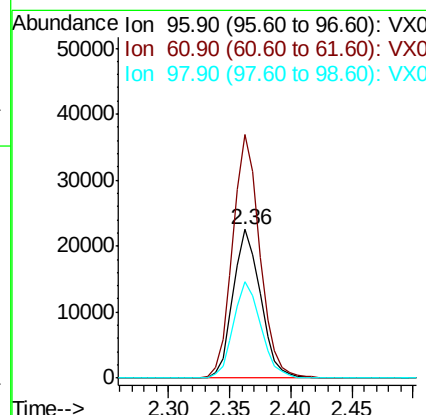
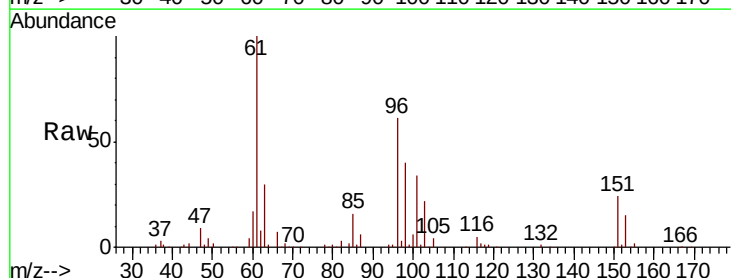
Tot Ion: 59 Resp: 51710  
 Ion Ratio Lower Upper  
 59 100  
 57 9.7 8.3 12.5

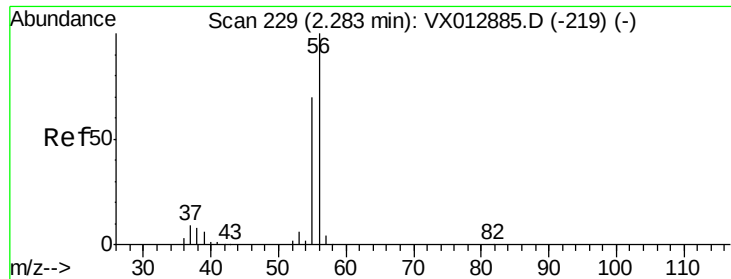


#12

1,1-Dichloroethene  
 Concen: 19.528 ug/l  
 RT: 2.36 min Scan# 242  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Tgt Ion: 96 Resp: 35182  
 Ion Ratio Lower Upper  
 96 100  
 61 163.8 132.2 198.4  
 98 65.0 50.5 75.7





#13

Acrolein

Concen: 75.020 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

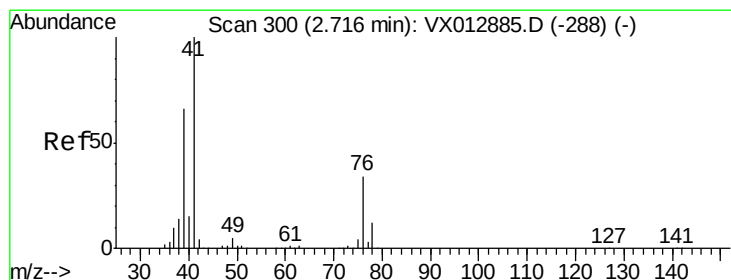
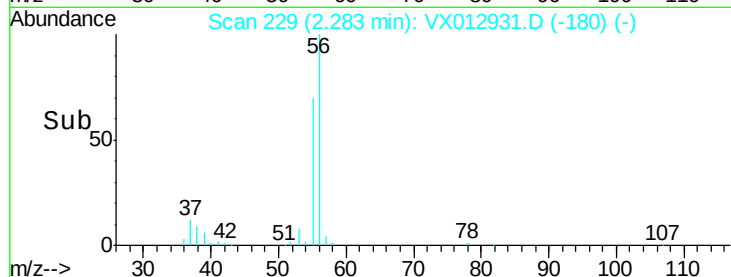
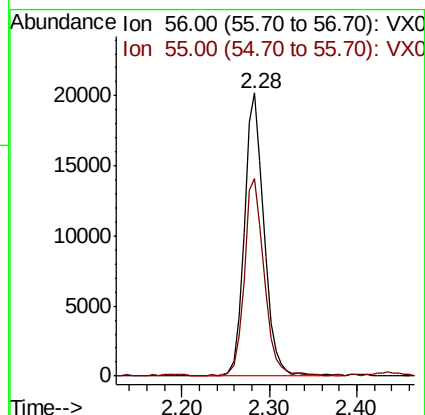
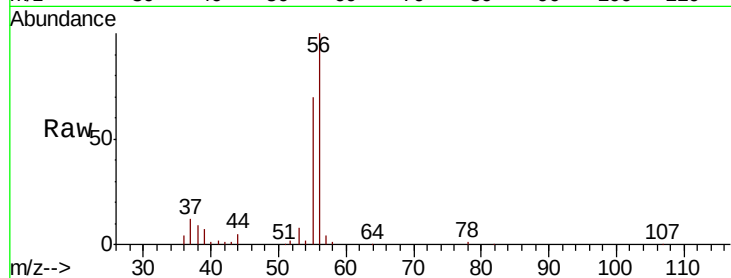
ClientSampleId :

Tot Ion: 56 Resp: 31493

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



#14

Allyl chloride

Concen: 19.366 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

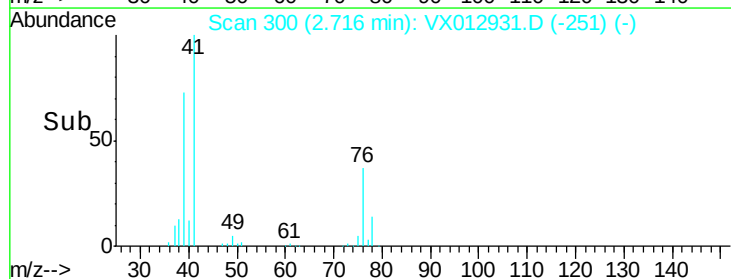
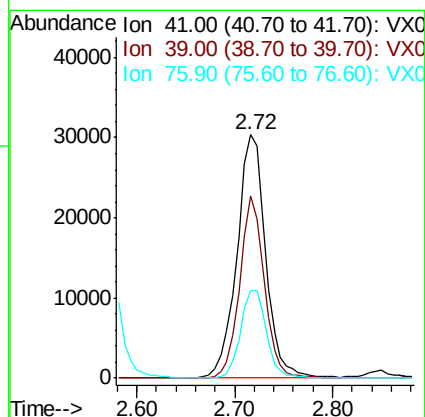
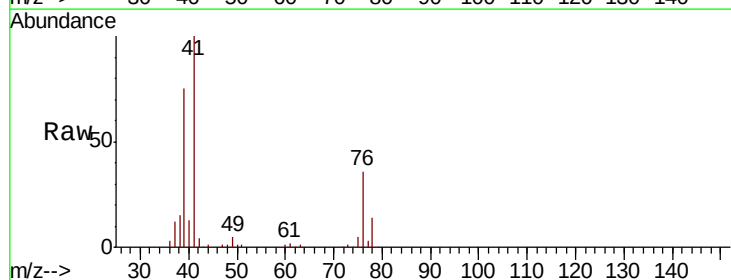
Tgt Ion: 41 Resp: 62136

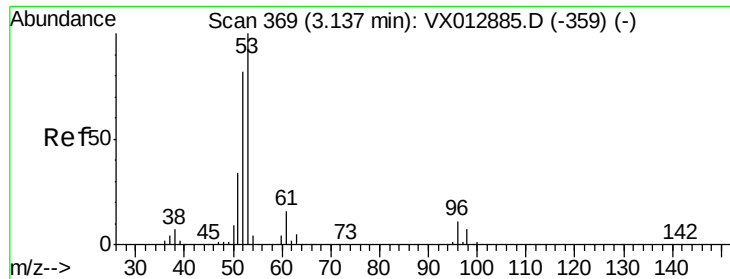
Ion Ratio Lower Upper

41 100

39 64.2 51.0 76.6

76 32.4 26.2 39.4

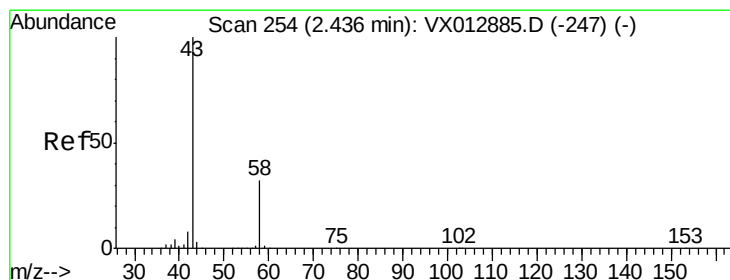
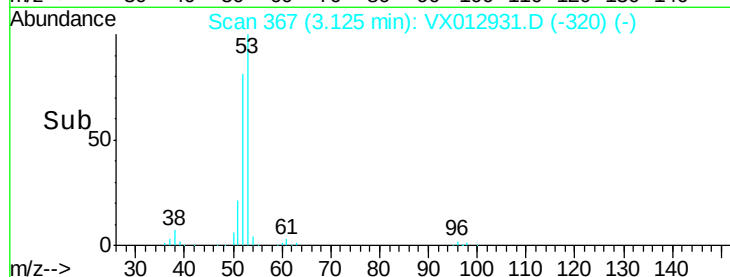
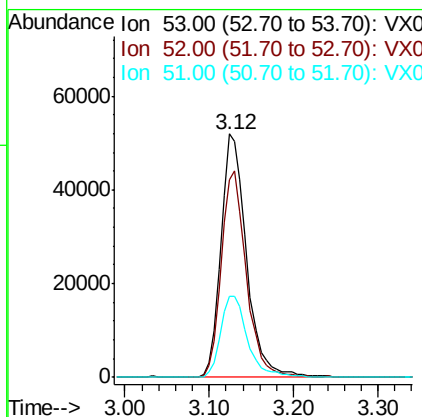
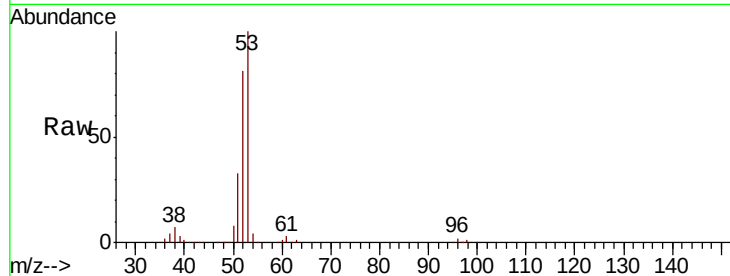




#15  
 Acrylonitrile  
 Concen: 96.988 ug/l  
 RT: 3.12 min Scan# 367  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

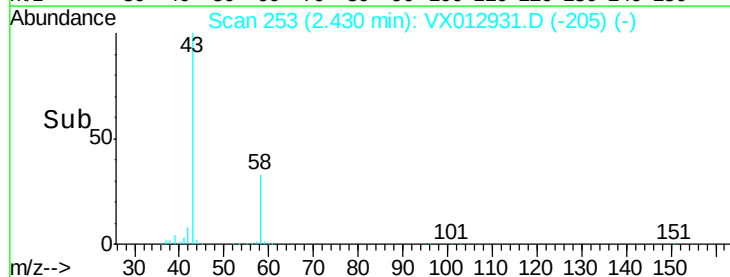
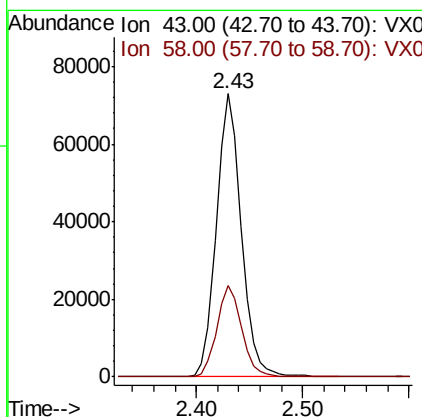
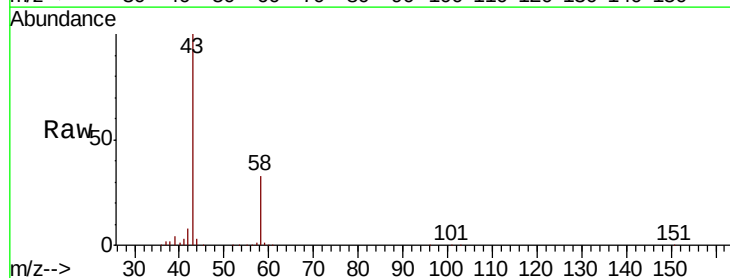
Instrument :  
 MSVOA\_X  
 ClientSampleId :

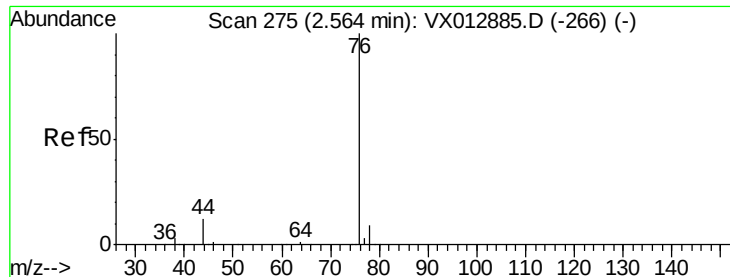
Tot Ion: 53 Resp: 108572  
 Ion Ratio Lower Upper  
 53 100  
 52 82.8 66.2 99.2  
 51 35.3 28.2 42.4



#16  
 Acetone  
 Concen: 100.347 ug/l  
 RT: 2.43 min Scan# 253  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Tgt Ion: 43 Resp: 117863  
 Ion Ratio Lower Upper  
 43 100  
 58 32.6 25.4 38.2

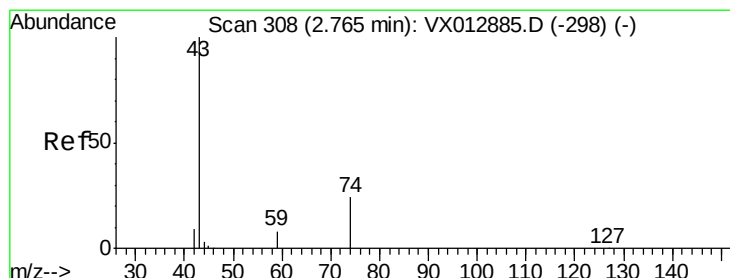
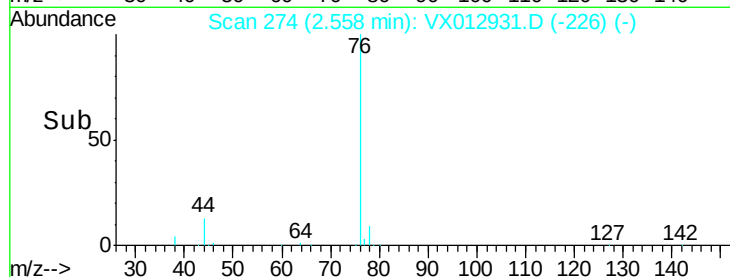
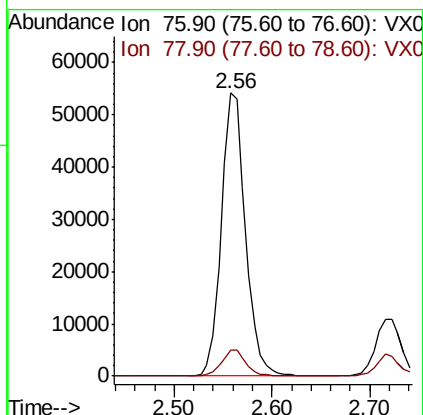
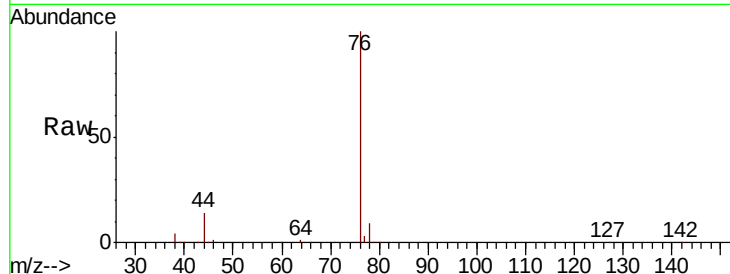




#17  
Carbon Disulfide  
Concen: 18.011 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

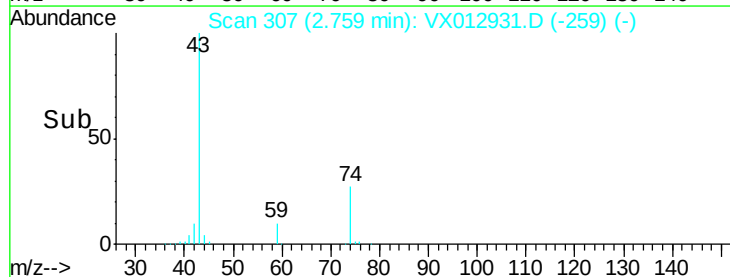
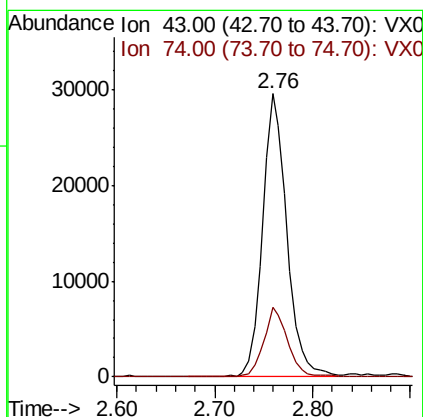
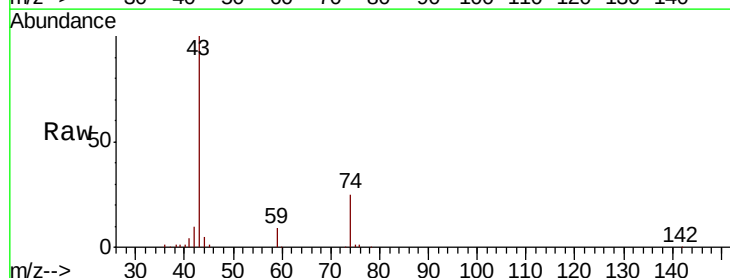
Instrument :  
MSVOA\_X  
ClientSampled :

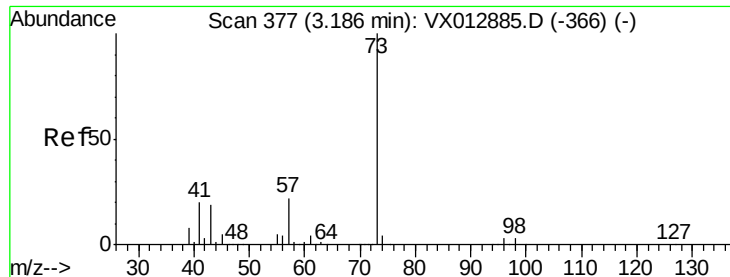
Tot Ion: 76 Resp: 92529  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.1 10.7



#18  
Methyl Acetate  
Concen: 18.507 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 43 Resp: 51523  
Ion Ratio Lower Upper  
43 100  
74 24.3 19.2 28.8

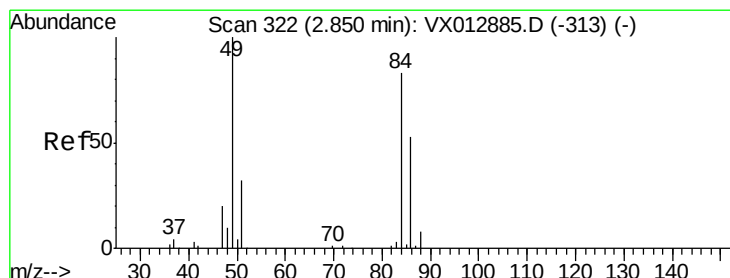
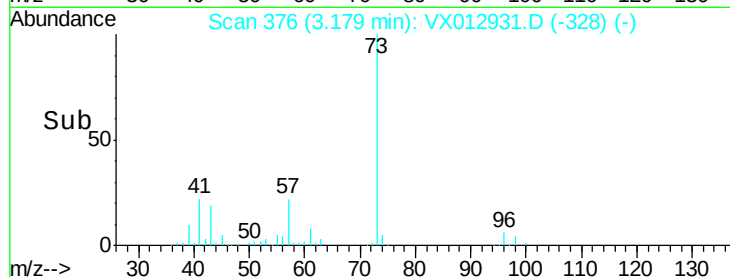
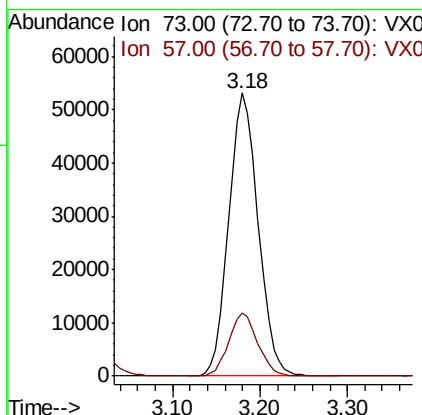
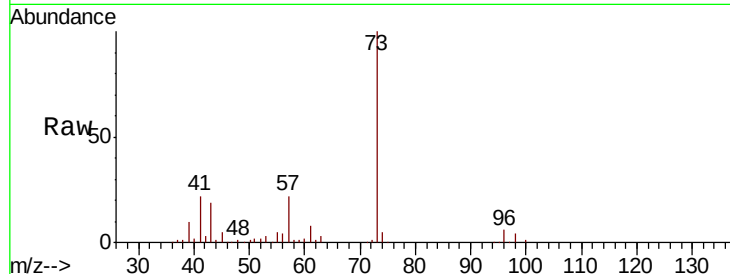




#19  
Methyl tert-butyl Ether  
Concen: 19.987 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

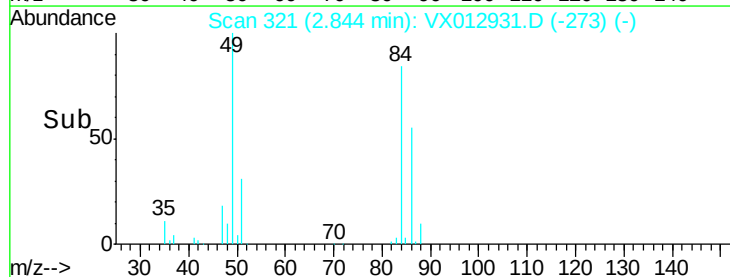
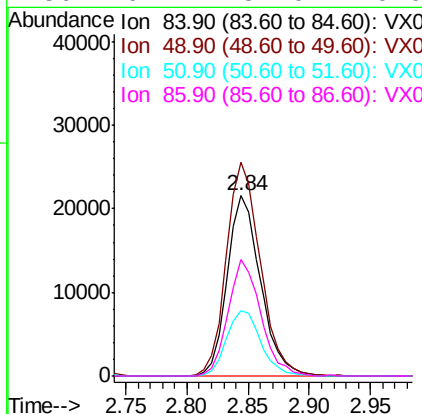
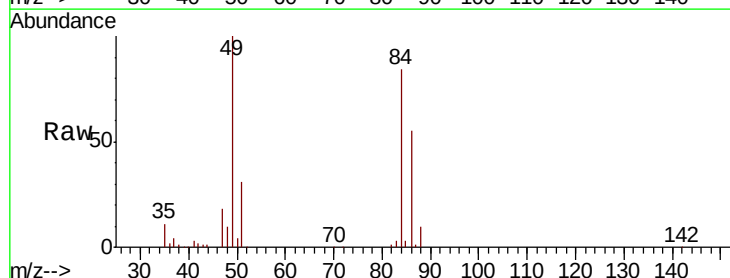
Instrument :  
MSVOA\_X  
ClientSampleId :

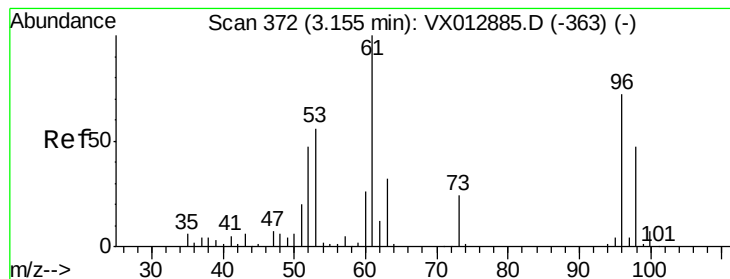
Tot Ion: 73 Resp: 124353  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.8 26.6



#20  
Methylene Chloride  
Concen: 18.833 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 84 Resp: 40652  
Ion Ratio Lower Upper  
84 100  
49 118.6 96.6 144.8  
51 36.3 30.7 46.1  
86 64.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.405 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :  
MSVOA\_X  
ClientSampleId :

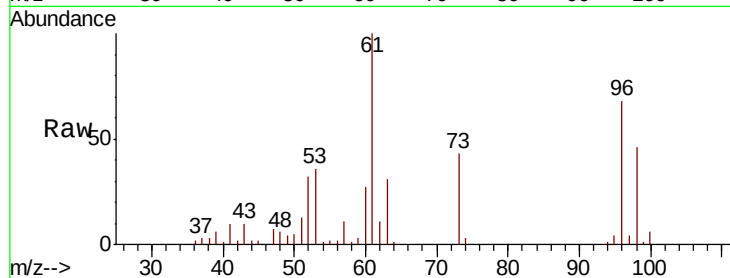
Tot Ion: 96 Resp: 37472

Ion Ratio Lower Upper

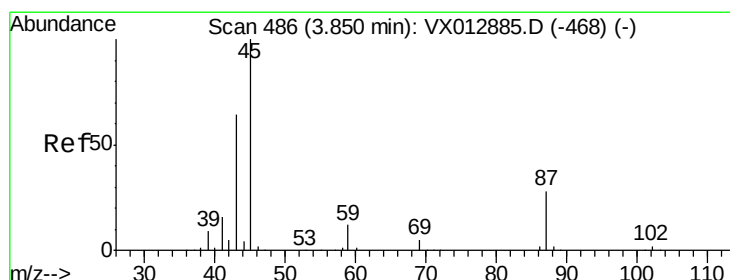
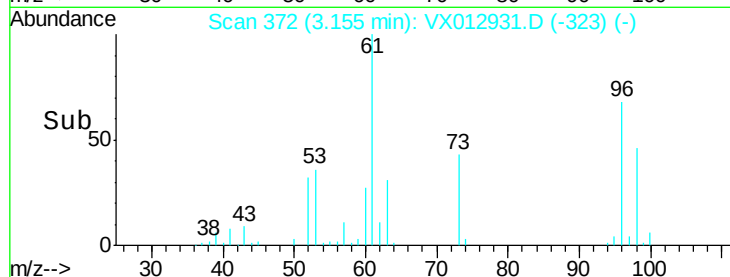
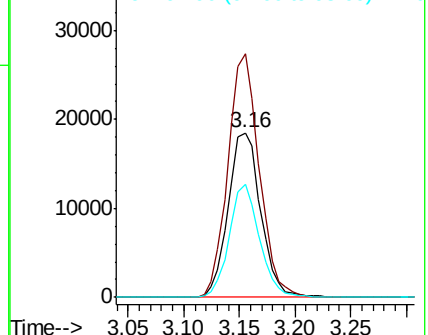
96 100

61 147.9 110.4 165.6

98 68.5 51.5 77.3



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



#22

Diisopropyl ether

Concen: 20.389 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion: 45 Resp: 125351

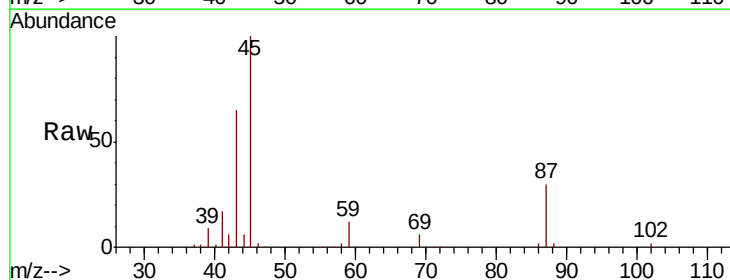
Ion Ratio Lower Upper

45 100

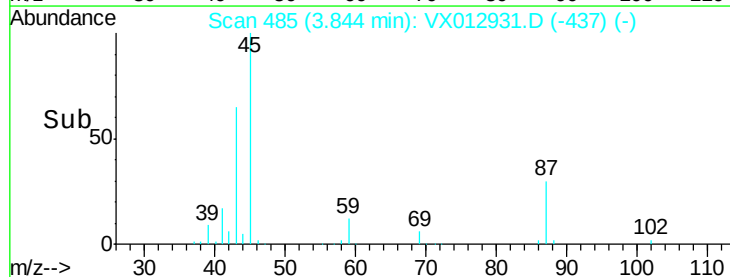
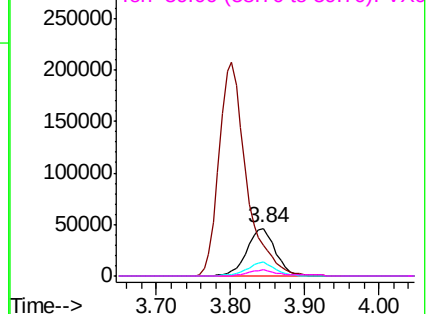
43 64.7 51.4 77.0

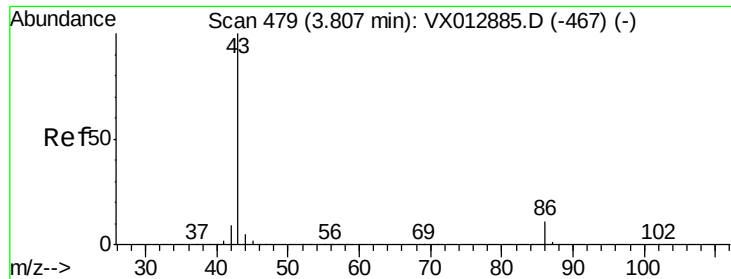
87 30.1 22.5 33.7

59 12.4 9.7 14.5



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: 100.075 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

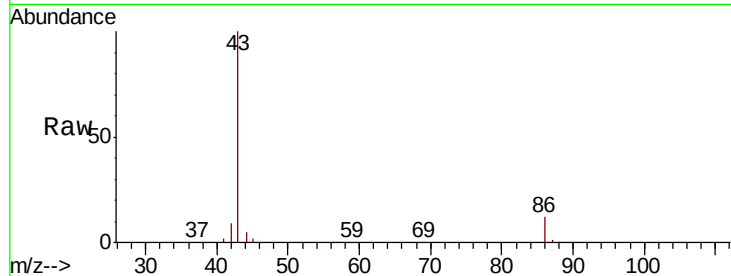
ClientSampleId :

Tot Ion: 43 Resp: 531145

Ion Ratio Lower Upper

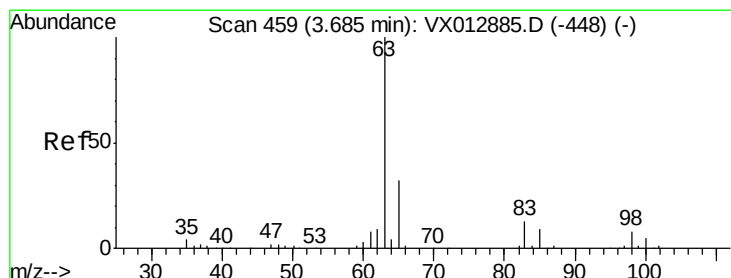
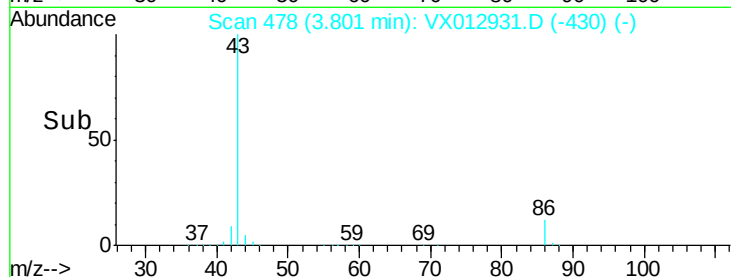
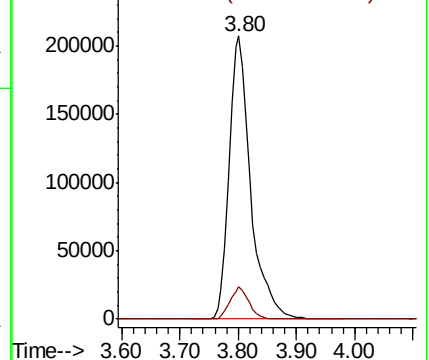
43 100

86 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.134 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

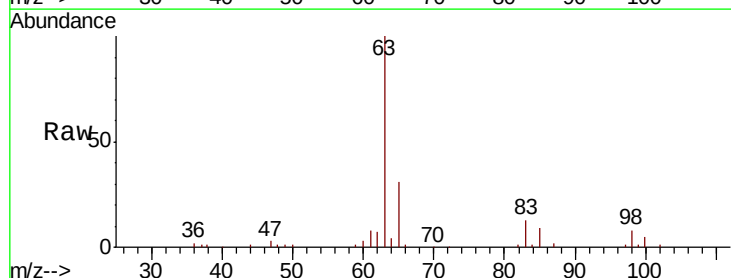
Tgt Ion: 63 Resp: 69638

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

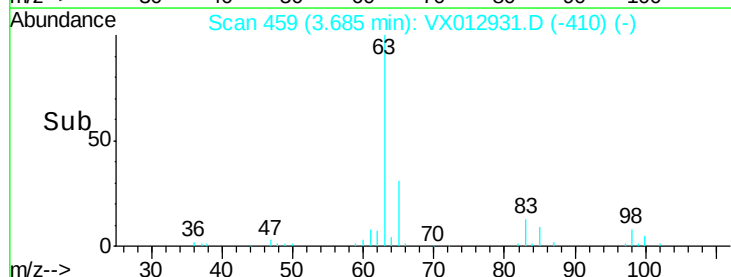
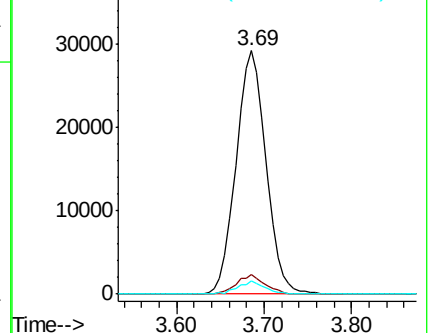
100 5.2 2.3 6.9



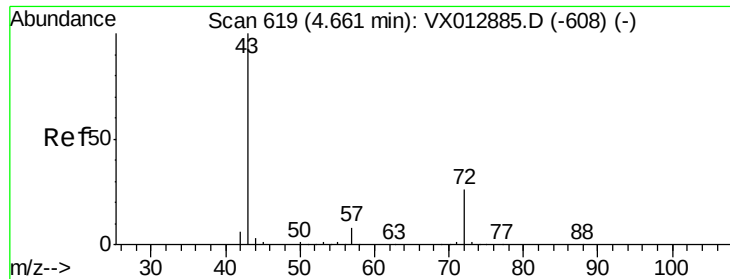
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0







#25

2-Butanone

Concen: 98.185 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

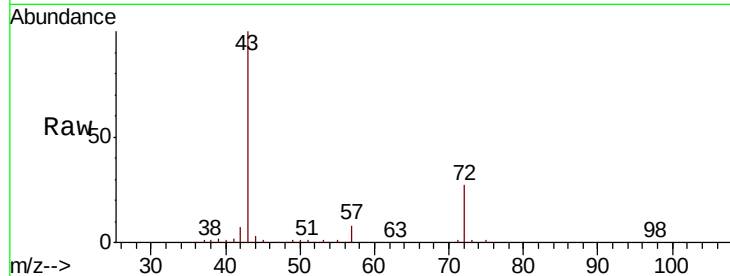
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 43 Resp: 159996

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

60000

50000

40000

30000

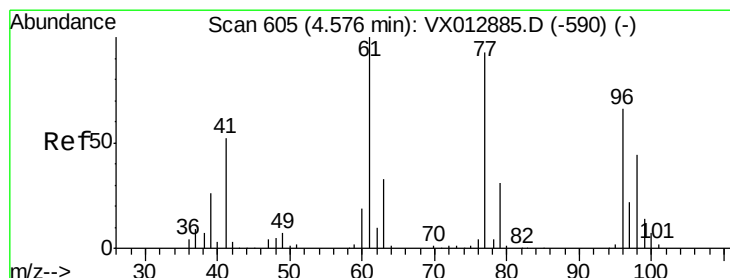
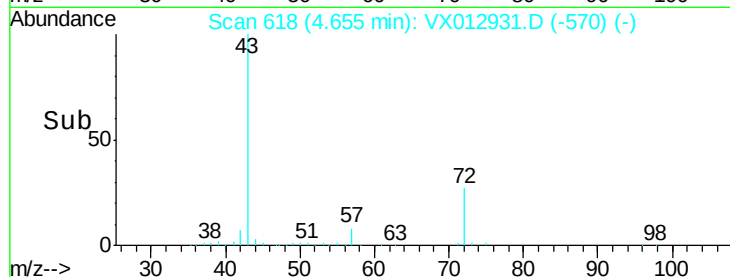
20000

10000

0

4.60 4.65 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.939 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012931.D

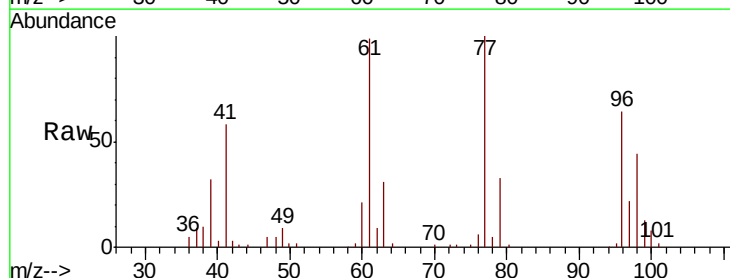
Acq: 09 Oct 2019 10:43

Tgt Ion: 77 Resp: 57993

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

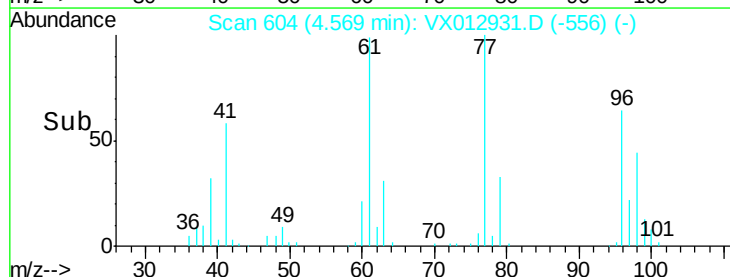
10000

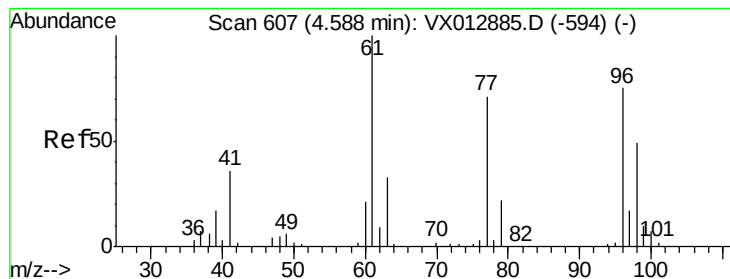
5000

0

4.40 4.50 4.60 4.70

Time-->



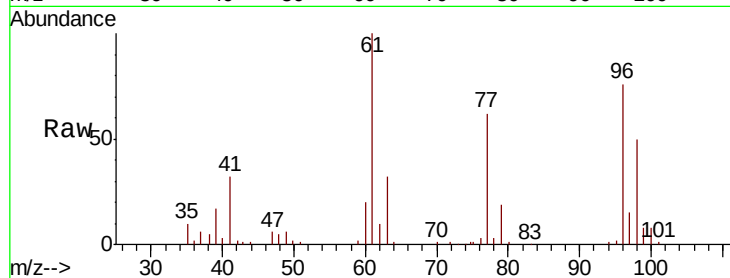


#27

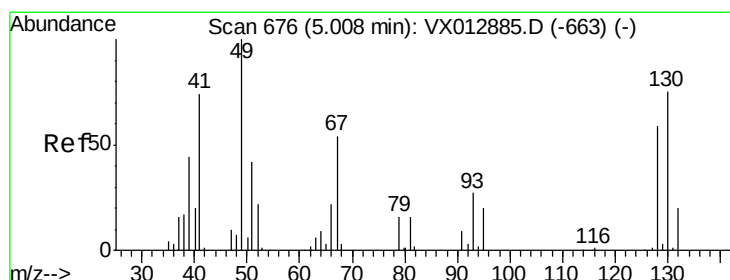
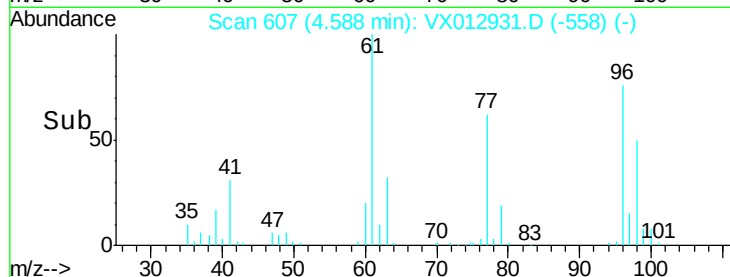
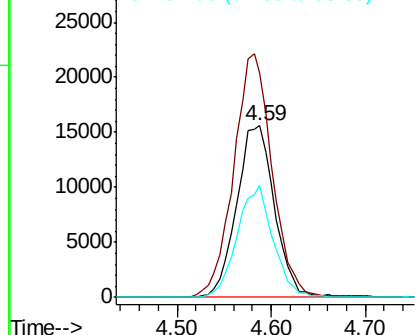
cis-1,2-Dichloroethene  
Concen: 19.701 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 96 Resp: 43852  
Ion Ratio Lower Upper  
96 100  
61 143.9 0.0 290.6  
98 61.7 0.0 128.8



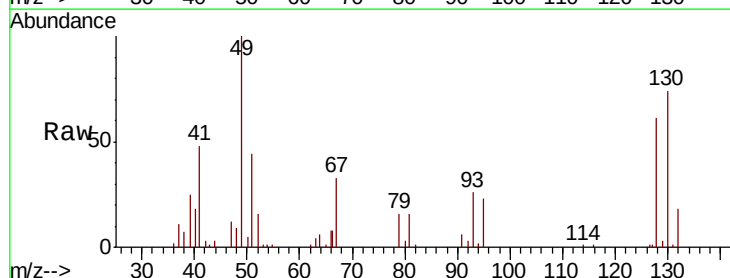
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



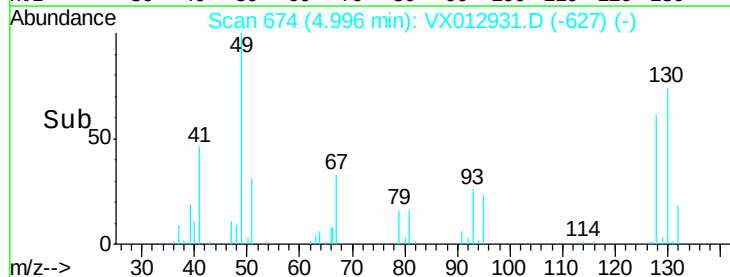
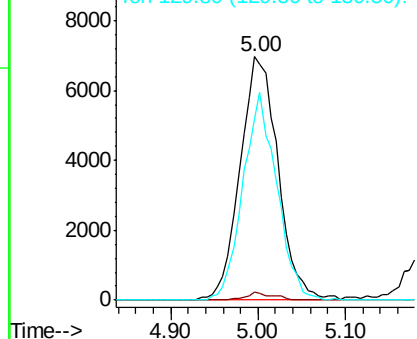
#28

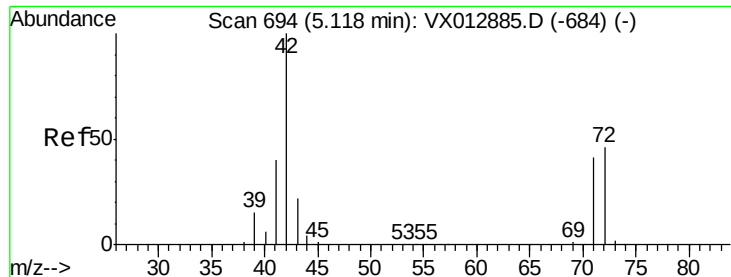
Bromochloromethane  
Concen: 20.061 ug/l  
RT: 5.00 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 49 Resp: 21013  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.2  
130 75.9 62.1 93.1



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

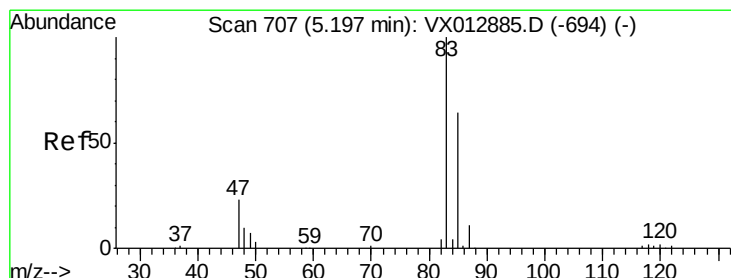
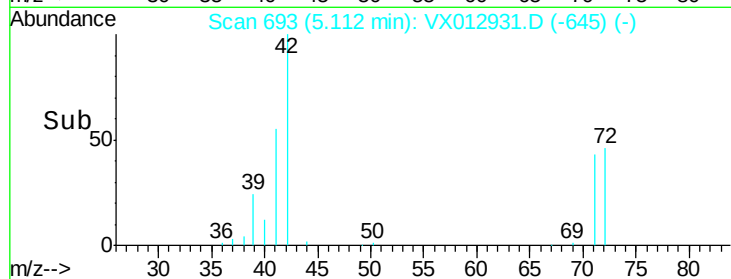
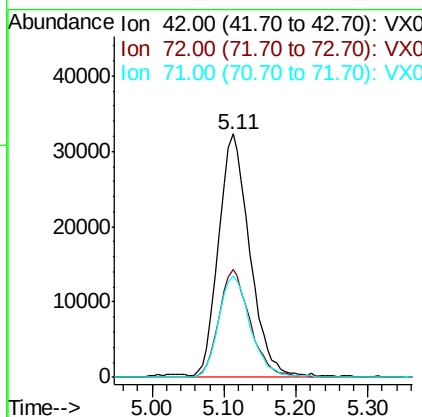
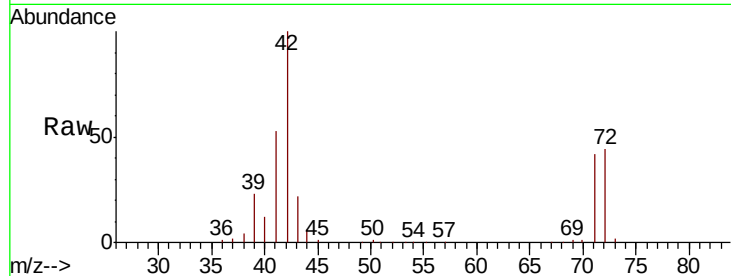




#29  
Tetrahydrofuran  
Concen: 96.627 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

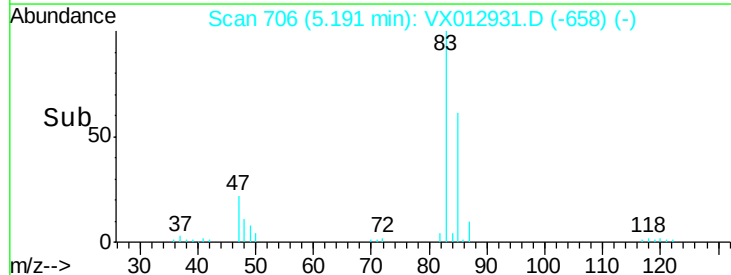
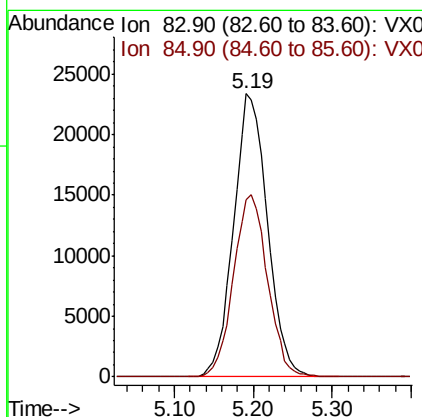
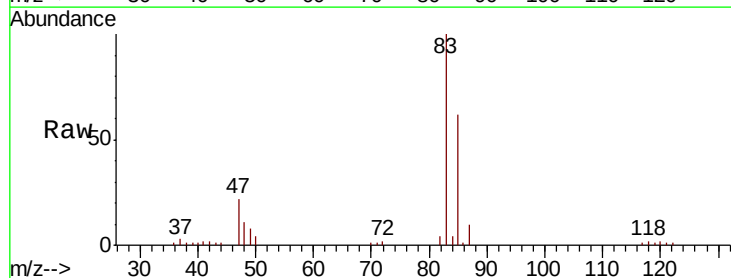
Instrument :  
MSVOA\_X  
ClientSampleId :

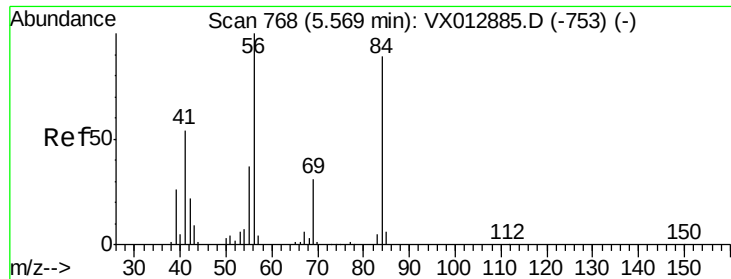
Tot Ion: 42 Resp: 96894  
Ion Ratio Lower Upper  
42 100  
72 44.5 36.9 55.3  
71 42.2 33.5 50.3



#30  
Chloroform  
Concen: 19.645 ug/l  
RT: 5.19 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 83 Resp: 69719  
Ion Ratio Lower Upper  
83 100  
85 62.4 51.5 77.3

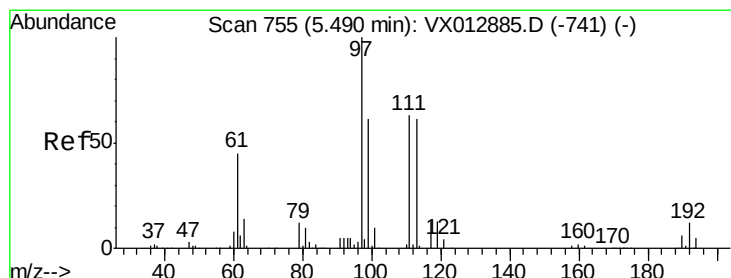
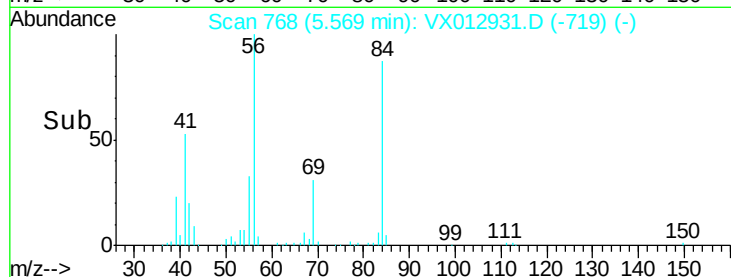
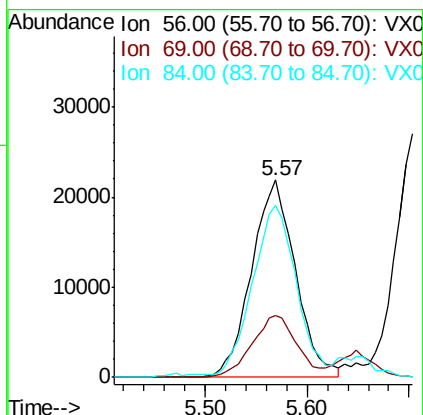
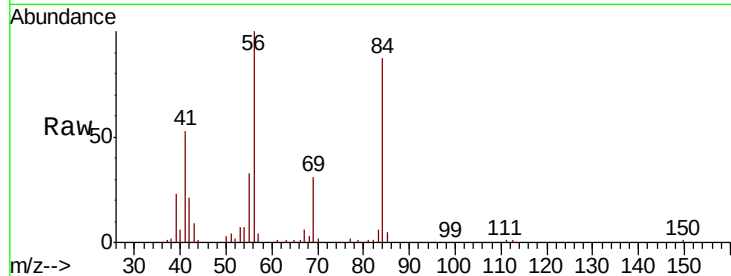




#31  
Cyclohexane  
Concen: 20.167 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

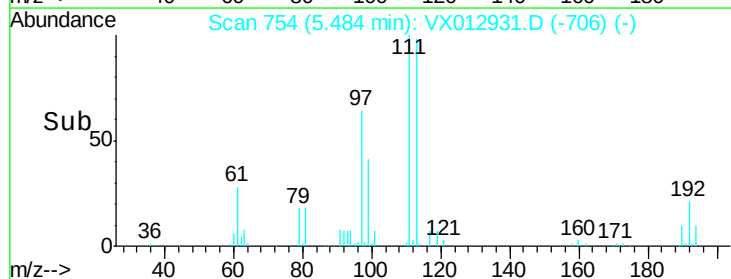
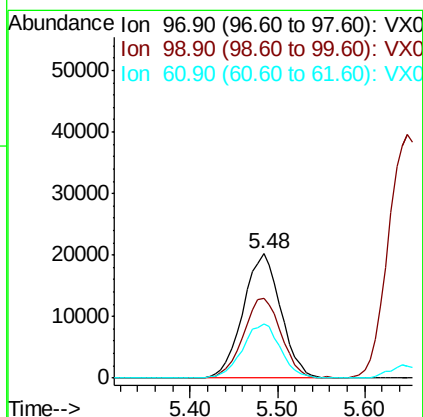
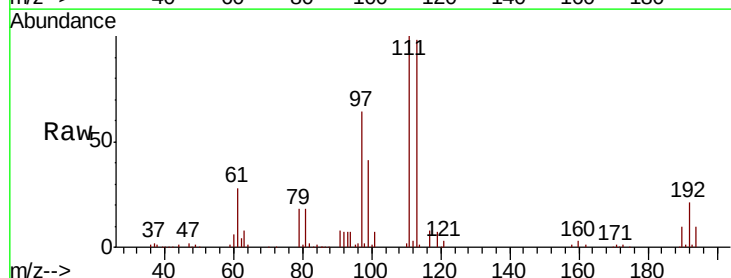
Instrument :  
MSVOA\_X  
ClientSampleId :

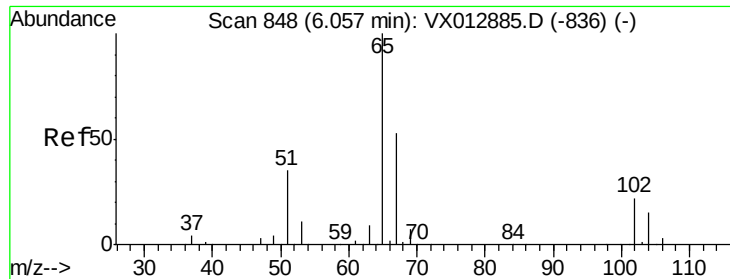
Tot Ion: 56 Resp: 65224  
Ion Ratio Lower Upper  
56 100  
69 31.2 25.2 37.8  
84 85.8 71.3 106.9



#32  
1,1,1-Trichloroethane  
Concen: 20.185 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 97 Resp: 60697  
Ion Ratio Lower Upper  
97 100  
99 64.4 52.3 78.5  
61 43.5 35.0 52.4

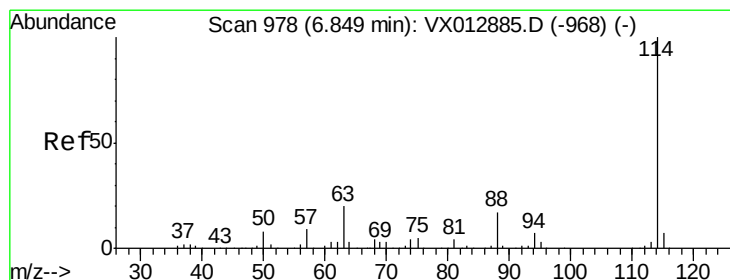
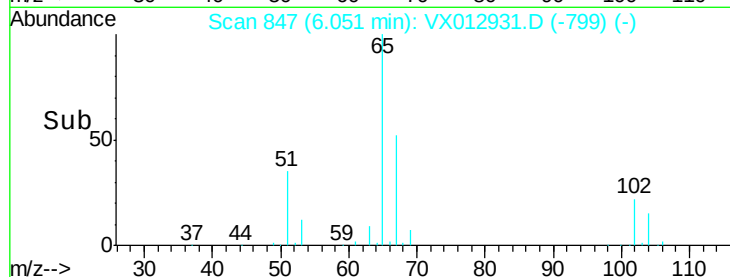
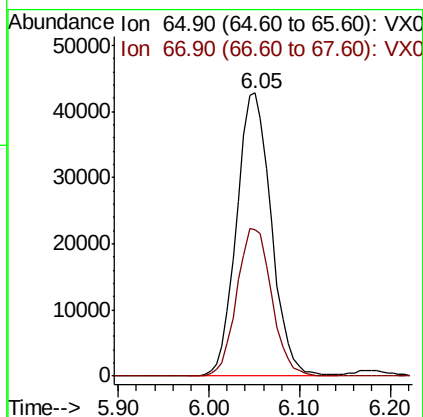
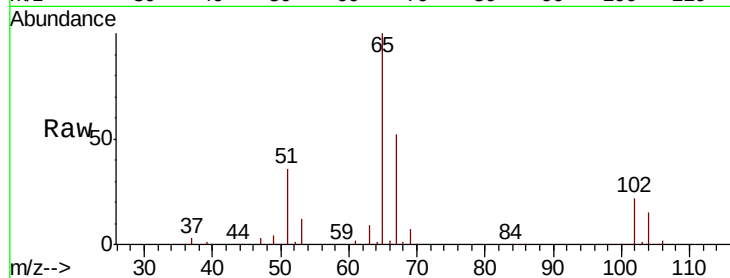




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.973 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

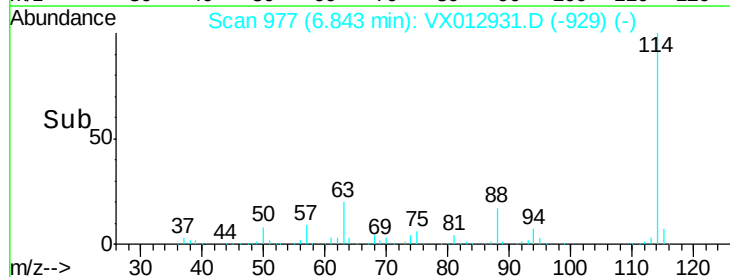
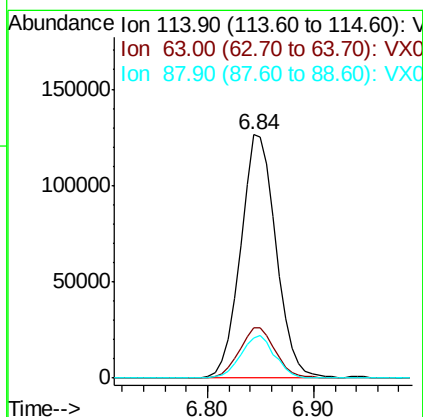
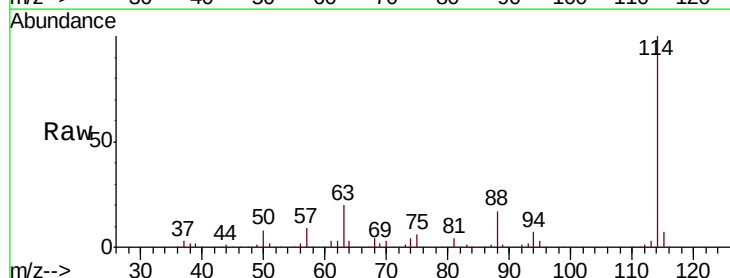
Instrument :  
 MSVOA\_X  
 ClientSampleId :

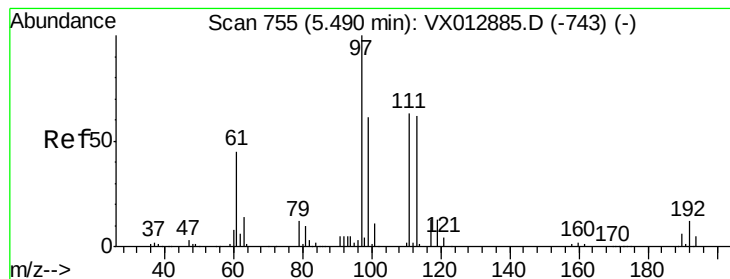
Tot Ion: 65 Resp: 113586  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 977  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Tgt Ion: 114 Resp: 295078  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 40.8  
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.703 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampleId :

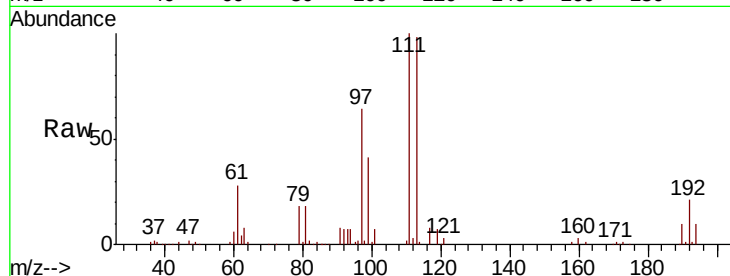
Tot Ion:113 Resp: 89257

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

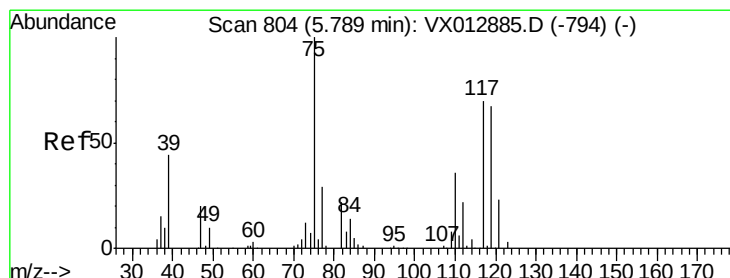
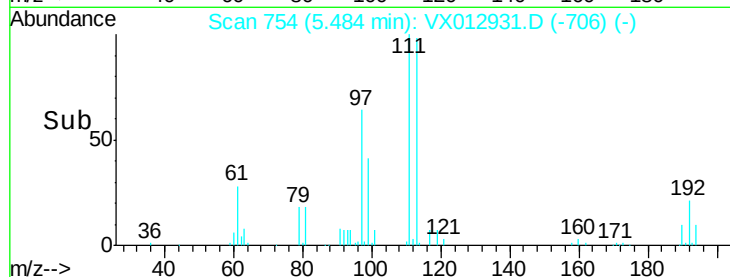
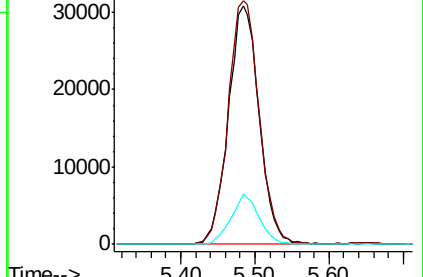
192 19.2 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.730 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

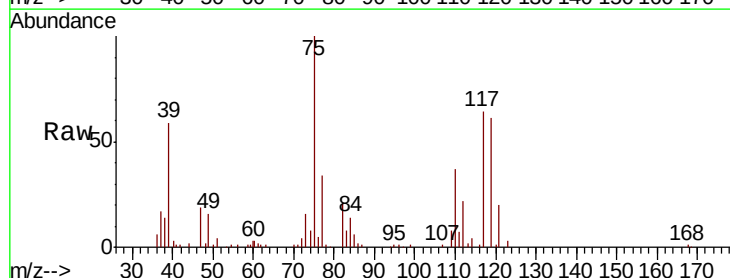
Tgt Ion: 75 Resp: 53781

Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

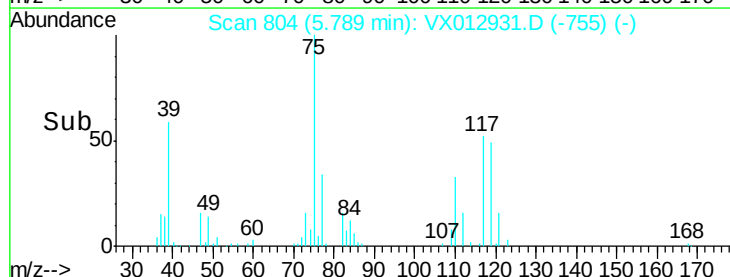
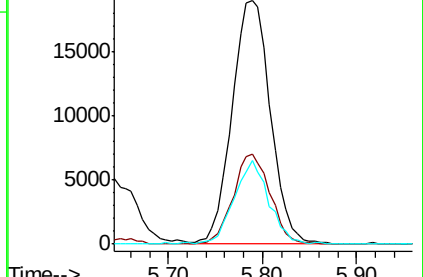
77 30.9 24.4 36.6

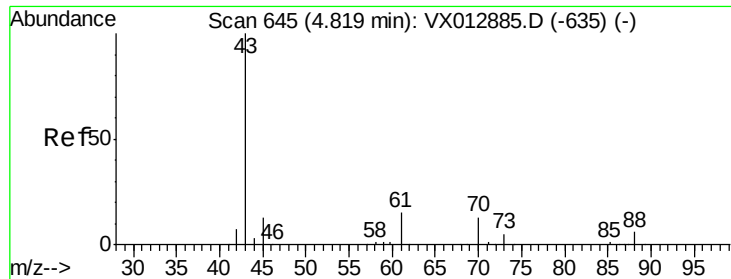


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

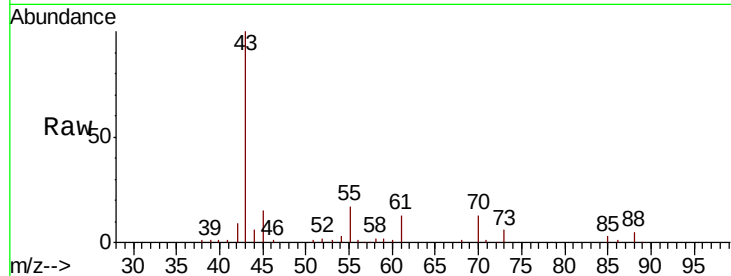




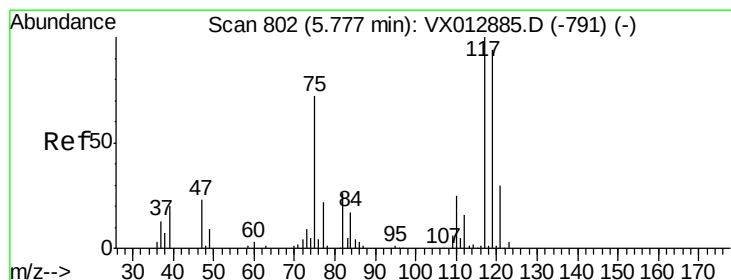
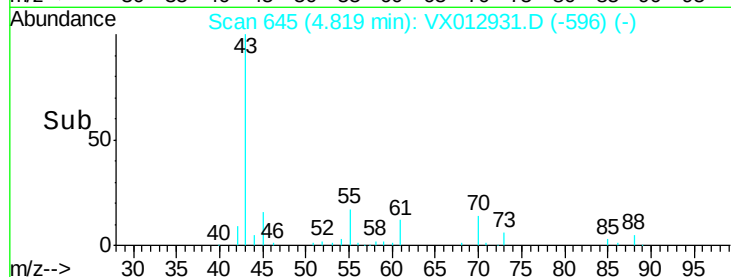
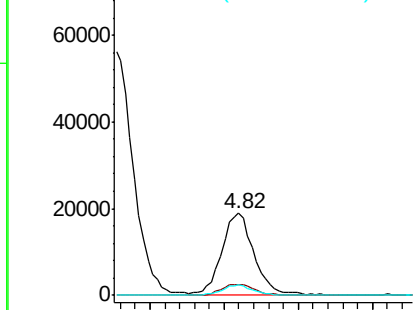
#37  
Ethyl Acetate  
Concen: 19.609 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 43 Resp: 56884  
Ion Ratio Lower Upper  
43 100  
61 14.3 11.4 17.0  
70 12.1 9.8 14.6

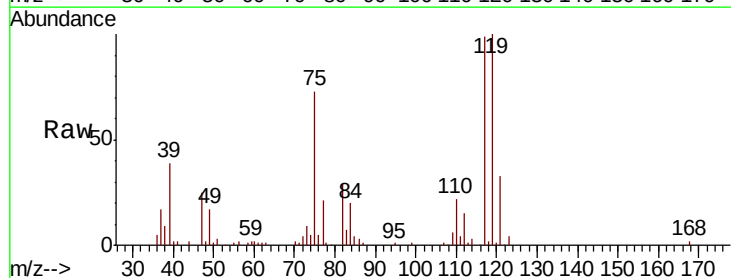


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

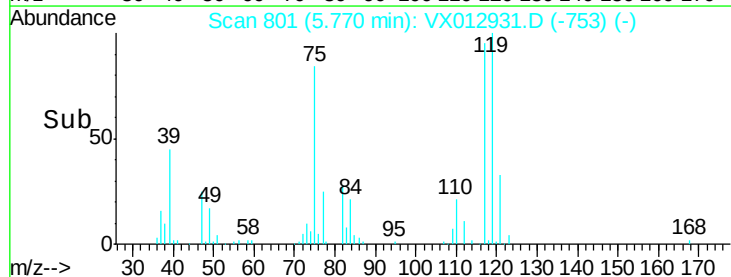
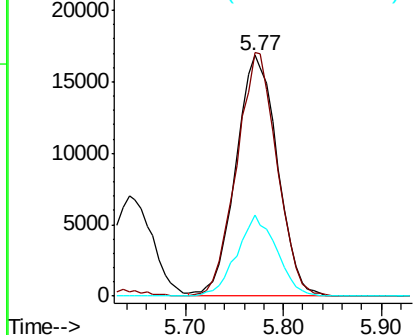


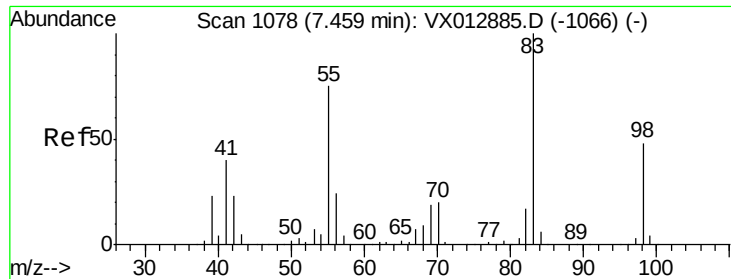
#38  
Carbon Tetrachloride  
Concen: 19.662 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 117 Resp: 49650  
Ion Ratio Lower Upper  
117 100  
119 101.1 74.5 111.7  
121 33.8 24.2 36.4



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

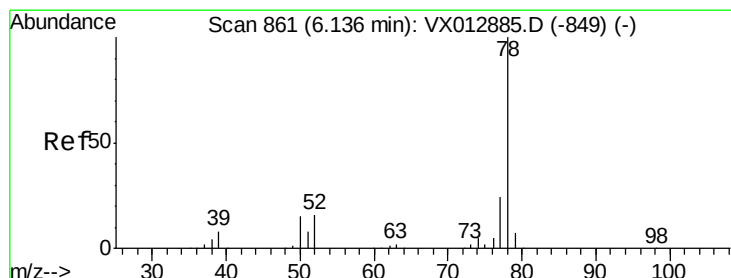
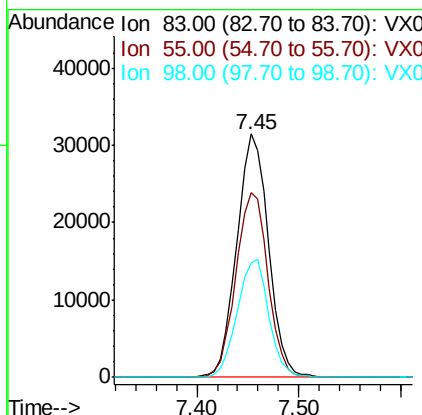
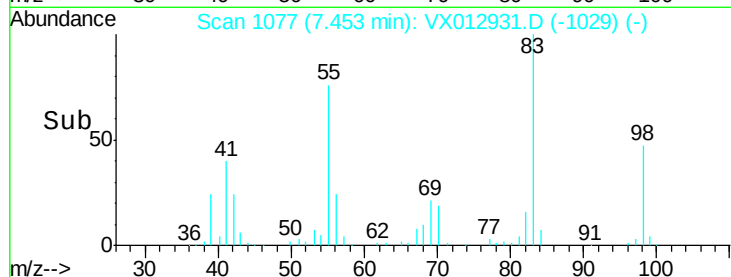
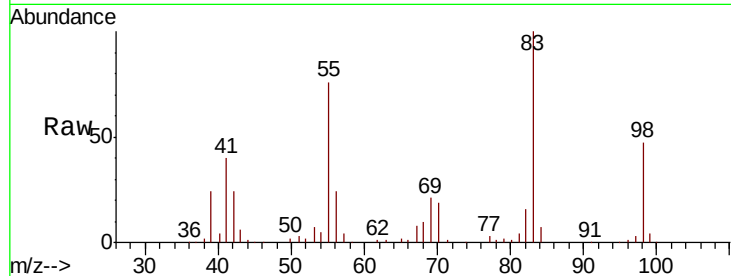




#39  
Methylvlcyclohexane  
Concen: 21.539 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

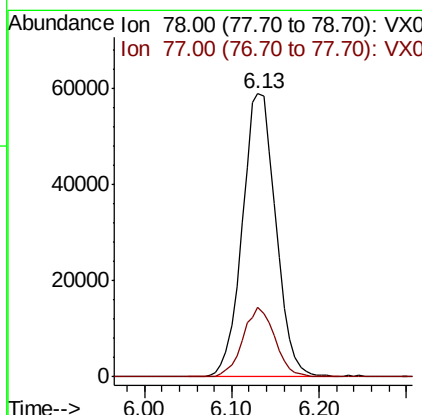
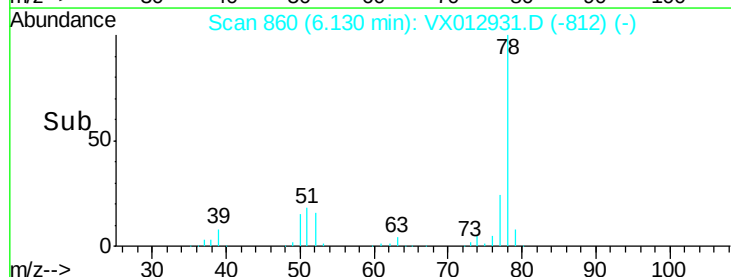
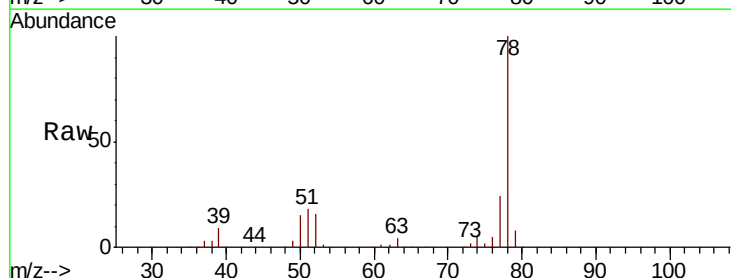
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 83 Resp: 67767  
Ion Ratio Lower Upper  
83 100  
55 76.0 60.2 90.4  
98 47.2 38.5 57.7

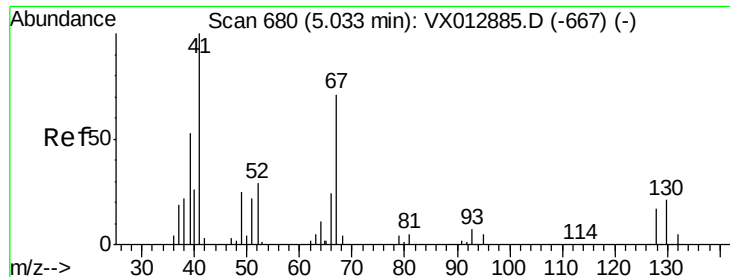


#40  
Benzene  
Concen: 20.443 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 78 Resp: 156642  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.0 28.4







#41

Methacrylonitrile

Concen: 19.289 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 41 Resp: 30748

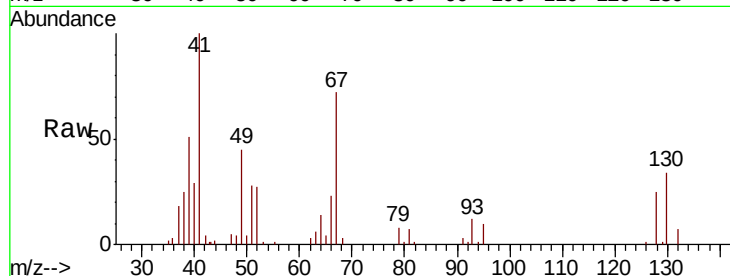
Ion Ratio Lower Upper

41 100

39 55.2 44.0 66.0

67 74.3 58.5 87.7

52 30.4 23.8 35.8

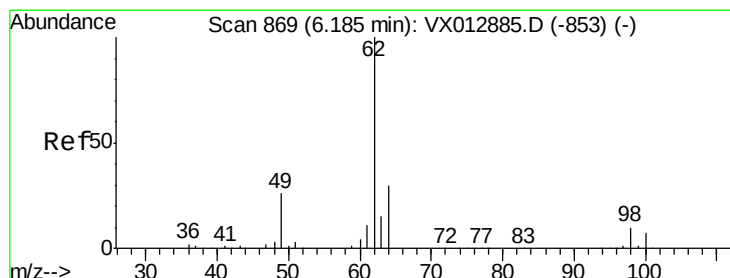
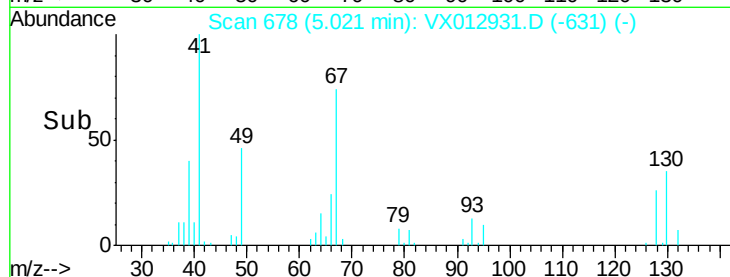
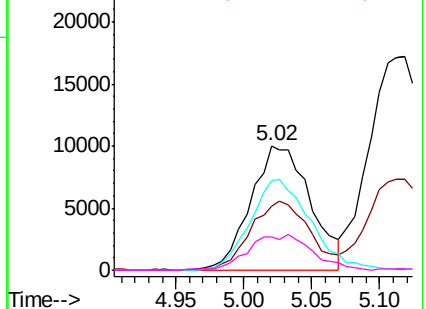


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.648 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012931.D

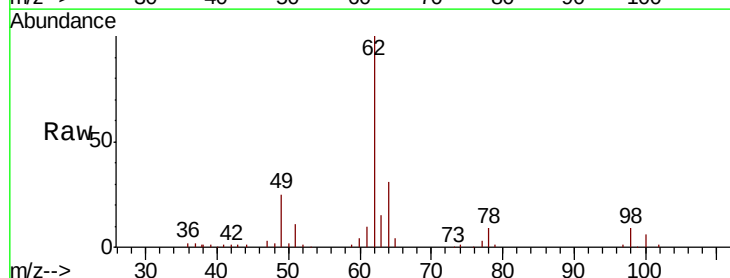
Acq: 09 Oct 2019 10:43

Tgt Ion: 62 Resp: 56773

Ion Ratio Lower Upper

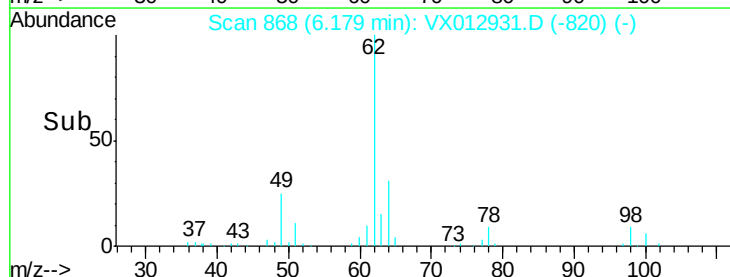
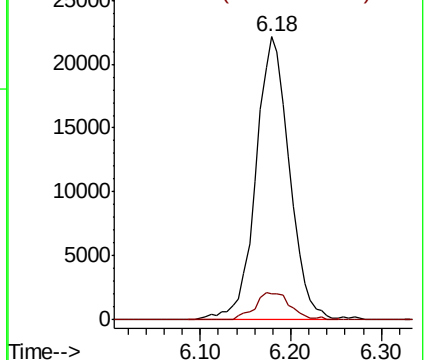
62 100

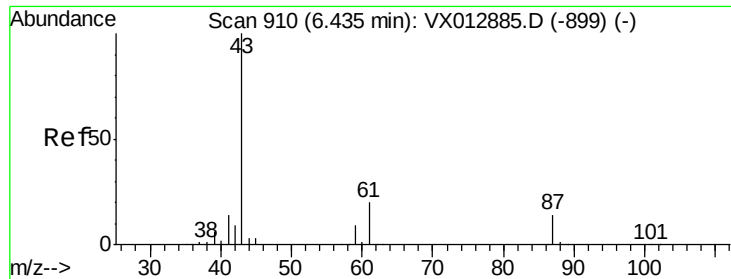
98 10.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.798 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampleId :

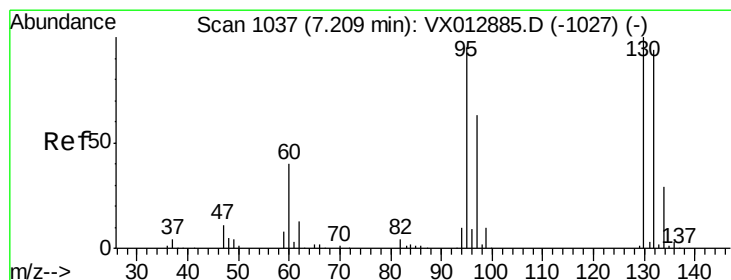
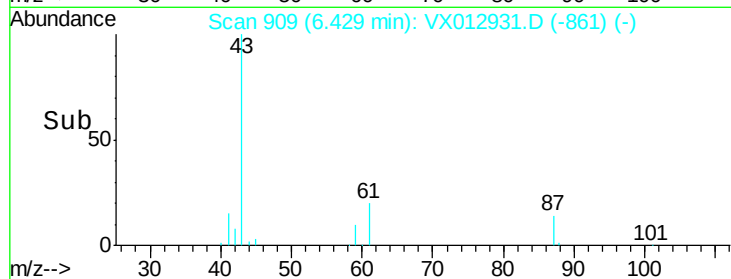
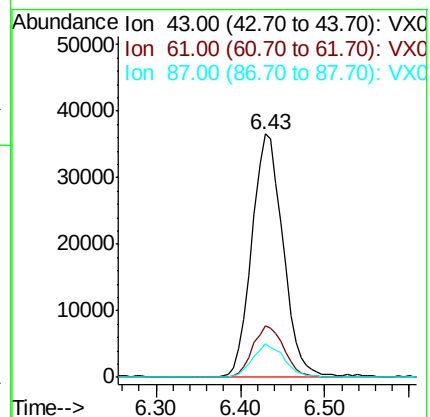
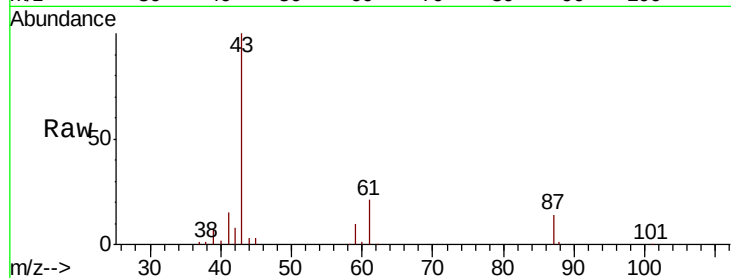
Tot Ion: 43 Resp: 92181

Ion Ratio Lower Upper

43 100

61 21.3 16.6 24.8

87 13.9 11.0 16.6



#44

Trichloroethene

Concen: 19.313 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012931.D

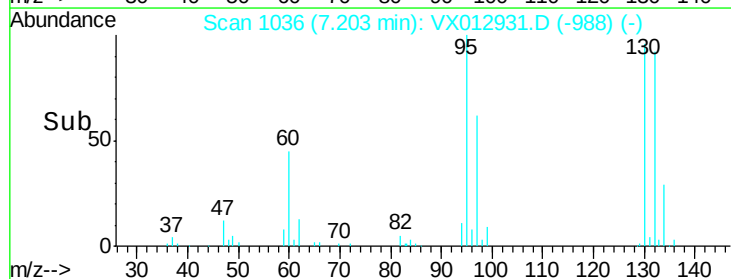
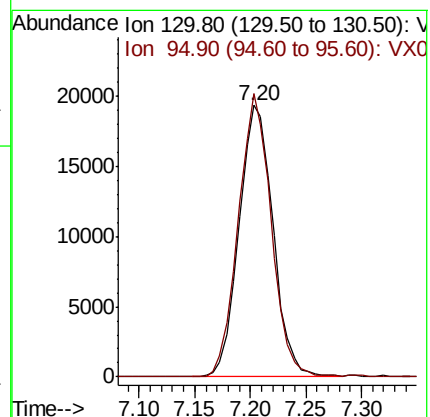
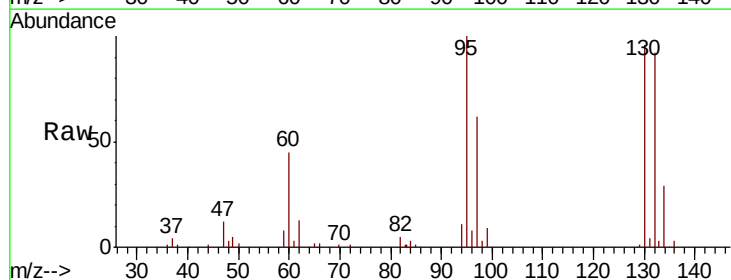
Acq: 09 Oct 2019 10:43

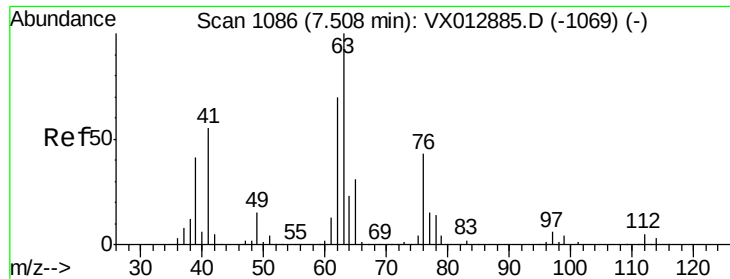
Tgt Ion:130 Resp: 41036

Ion Ratio Lower Upper

130 100

95 104.3 0.0 189.2

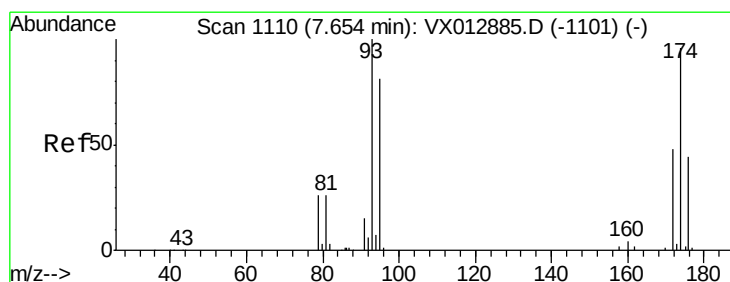
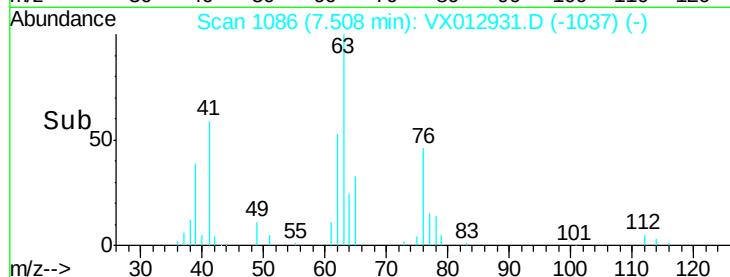
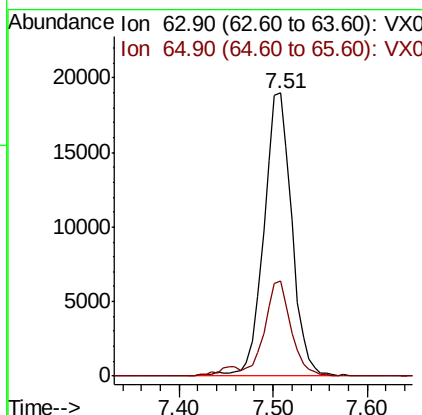
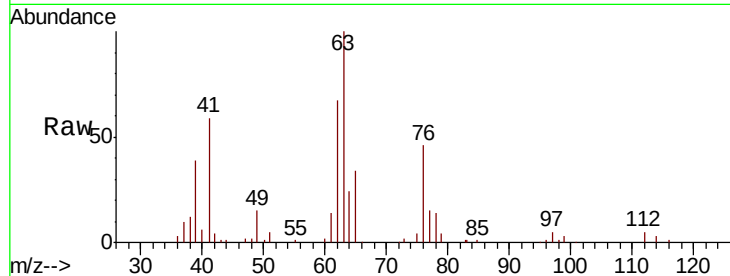




#45  
 1,2-Dichloropropane  
 Concen: 20.207 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

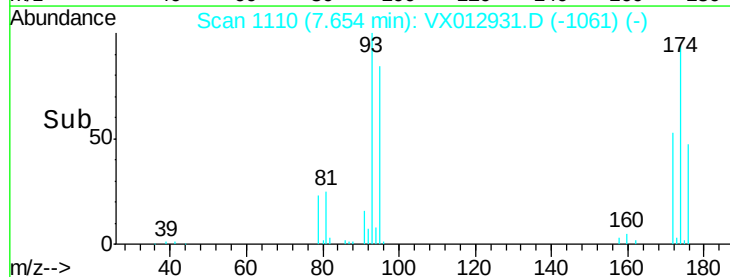
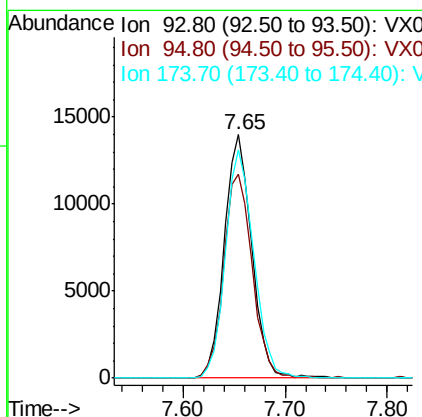
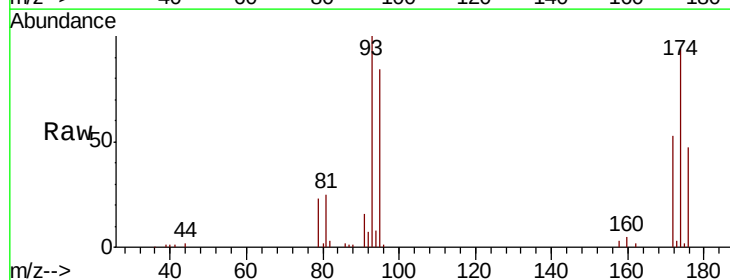
Instrument :  
 MSVOA\_X  
 ClientSampleId :

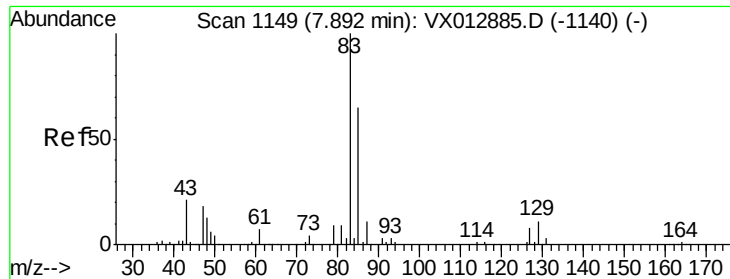
Tot Ion: 63 Resp: 39462  
 Ion Ratio Lower Upper  
 63 100  
 65 33.7 24.6 37.0



#46  
 Dibromomethane  
 Concen: 20.028 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Tgt Ion: 93 Resp: 26059  
 Ion Ratio Lower Upper  
 93 100  
 95 87.2 66.3 99.5  
 174 96.2 77.8 116.6





#47

Bromodichloromethane

Concen: 19.937 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :  
MSVOA\_X  
ClientSampleId :

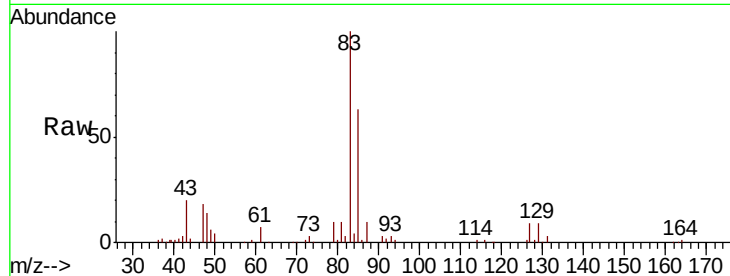
Tot Ion: 83 Resp: 50623

Ion Ratio Lower Upper

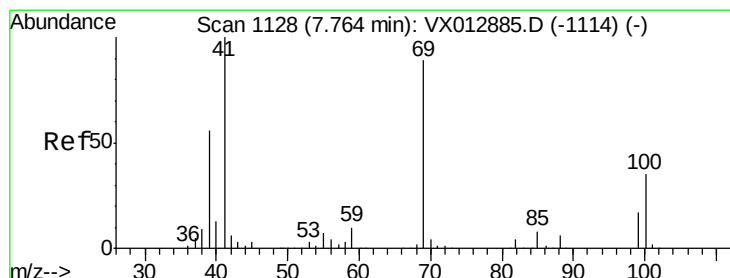
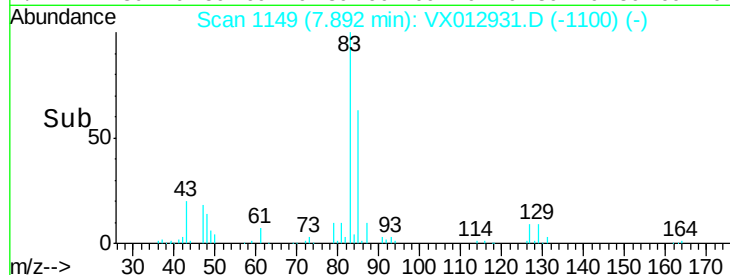
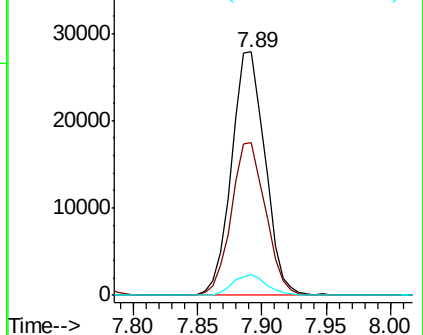
83 100

85 62.7 52.4 78.6

127 8.6 6.6 10.0



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: 19.588 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

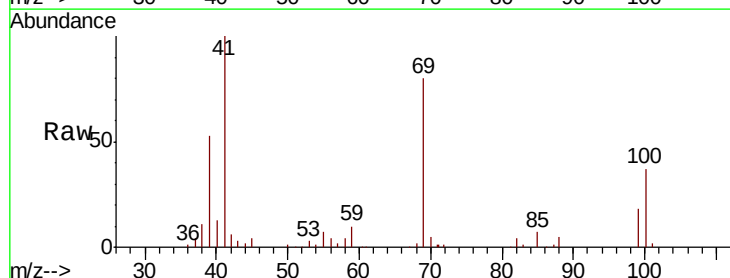
Tgt Ion: 41 Resp: 44445

Ion Ratio Lower Upper

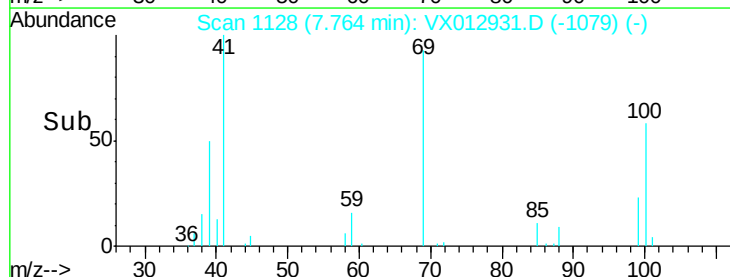
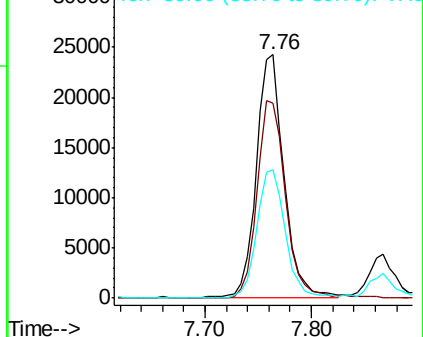
41 100

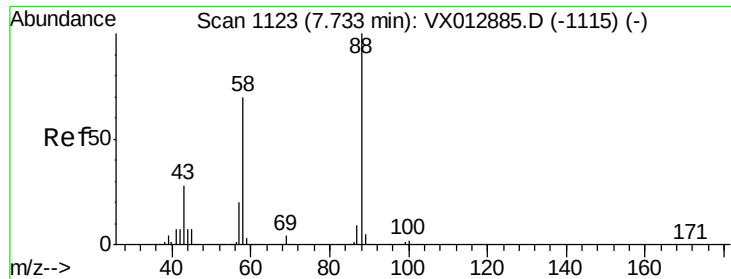
69 83.3 68.7 103.1

39 54.4 44.3 66.5



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





#49

1,4-Dioxane

Concen: 379.660 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :  
MSVOA\_X  
ClientSampleId :

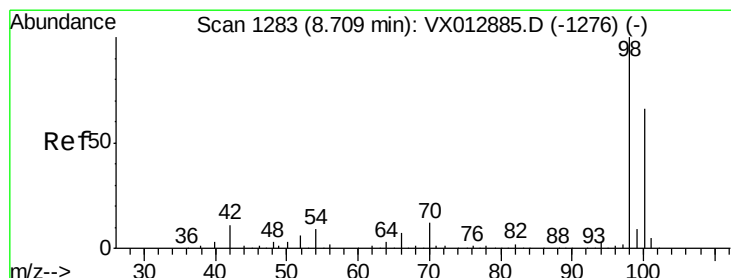
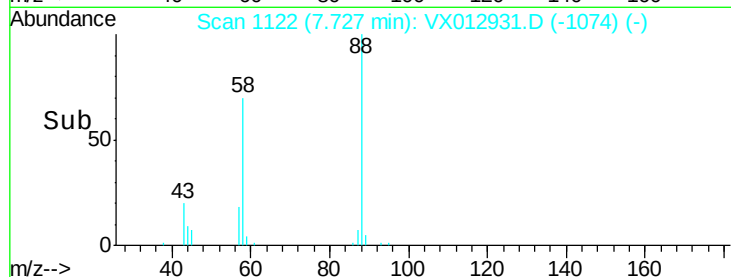
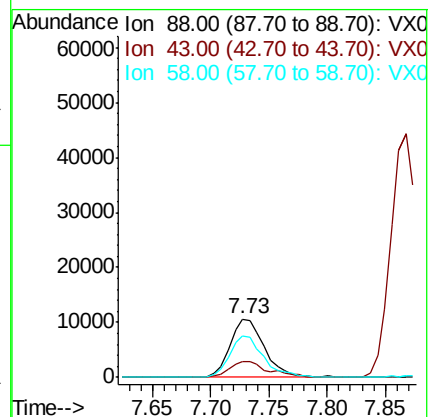
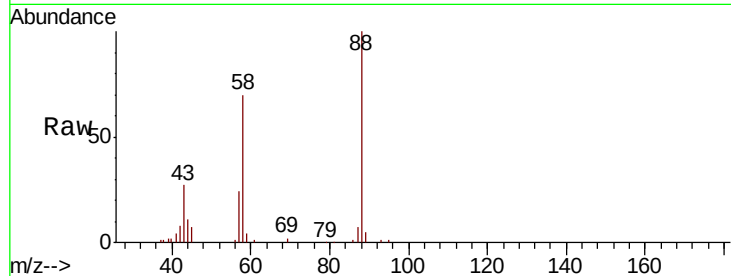
Tot Ion: 88 Resp: 21744

Ion Ratio Lower Upper

88 100

43 32.0 25.0 37.6

58 70.4 55.4 83.2



#50

Toluene-d8

Concen: 52.124 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012931.D

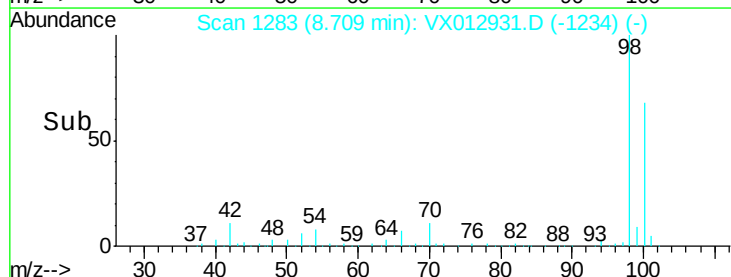
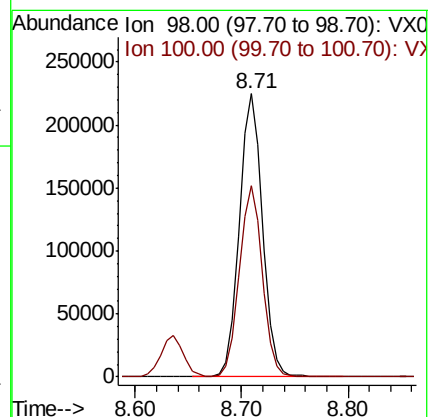
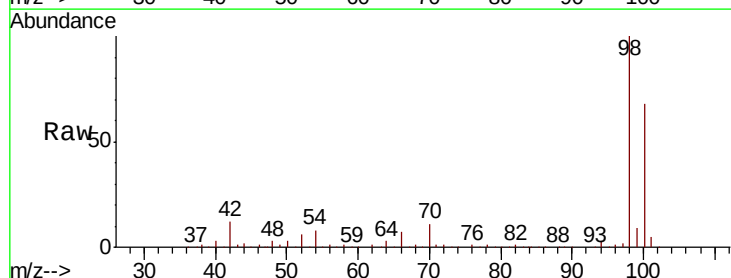
Acq: 09 Oct 2019 10:43

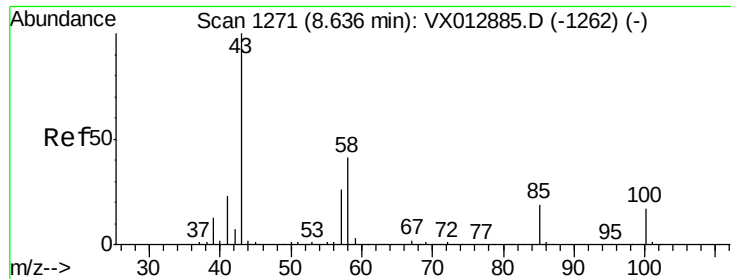
Tgt Ion: 98 Resp: 344299

Ion Ratio Lower Upper

98 100

100 67.3 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 99.811 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

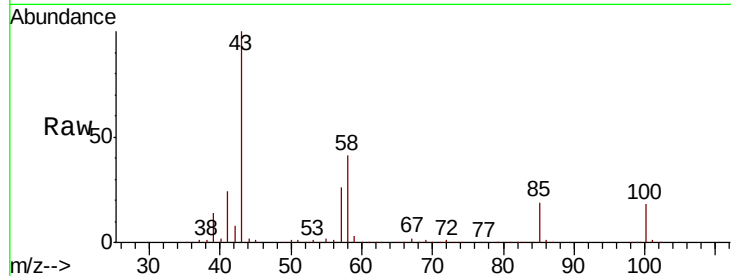
ClientSampleId :

Tot Ion: 43 Resp: 289753

Ion Ratio Lower Upper

43 100

58 40.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

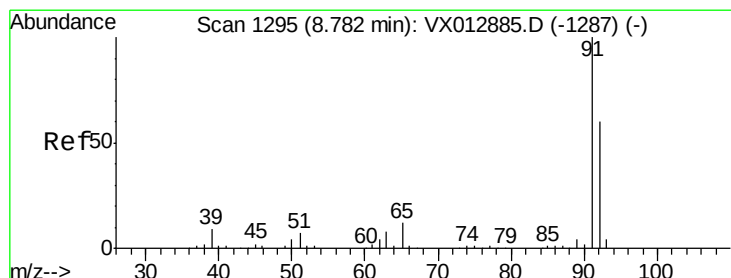
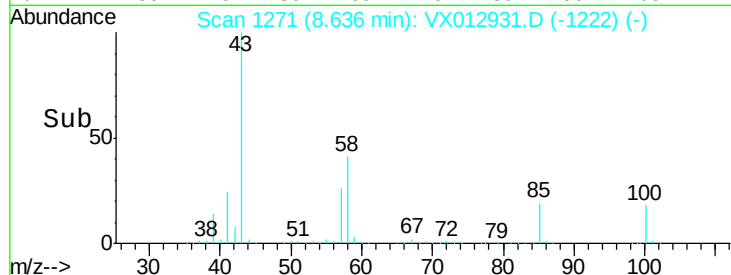
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.504 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012931.D

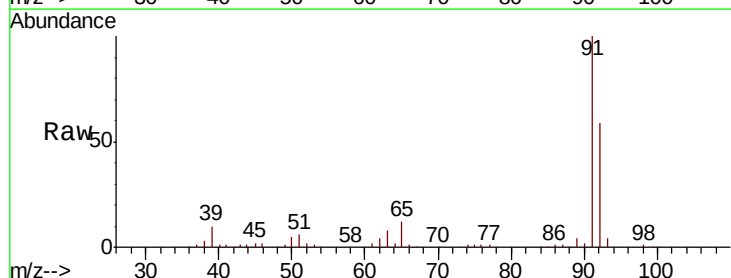
Acq: 09 Oct 2019 10:43

Tgt Ion: 92 Resp: 100511

Ion Ratio Lower Upper

92 100

91 168.2 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

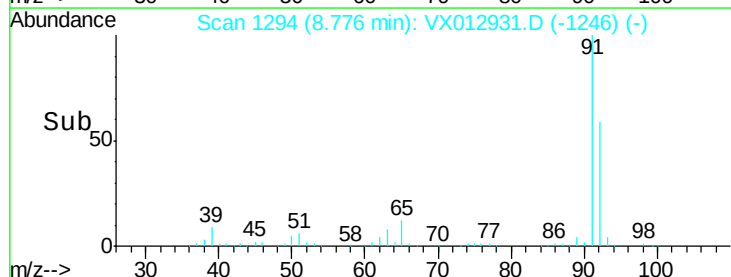
60000

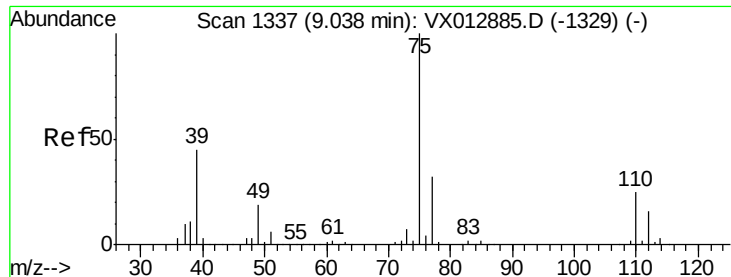
40000

20000

0

Time-->

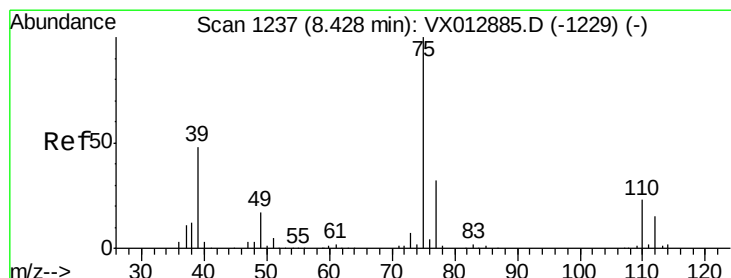
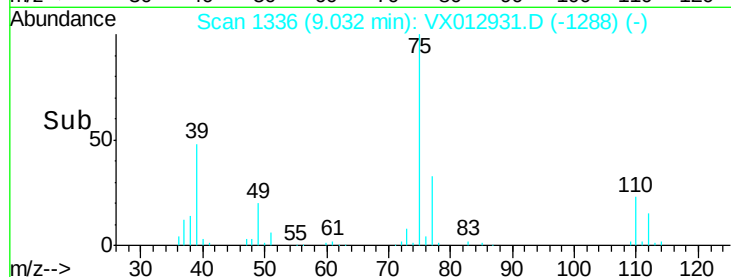
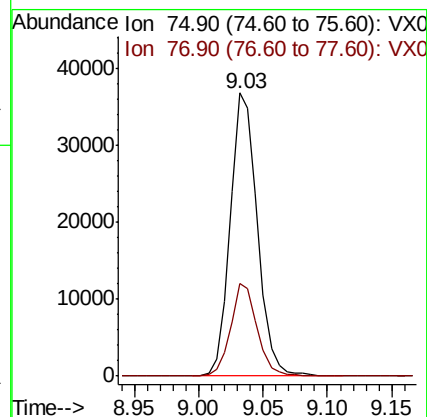
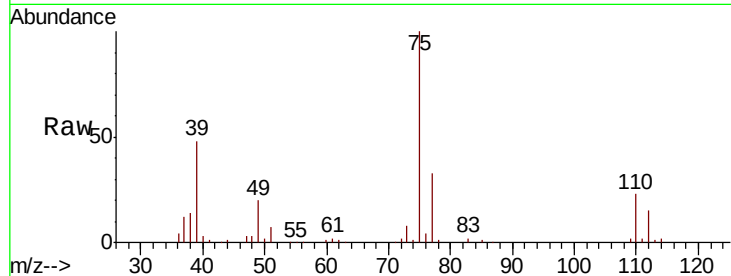




#53  
 t-1,3-Dichloropropene  
 Concen: 18.650 ug/l  
 RT: 9.03 min Scan# 1336  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

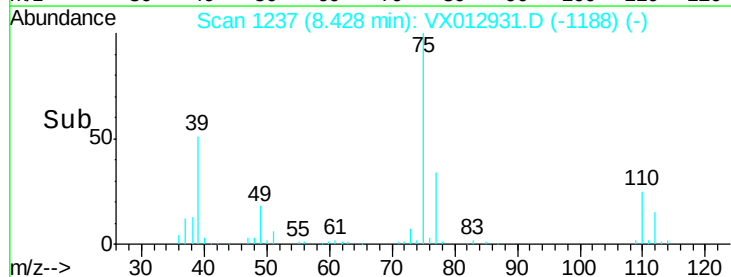
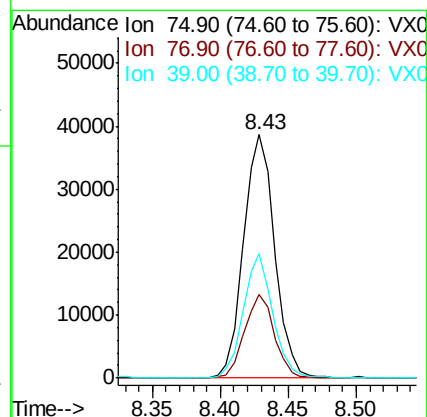
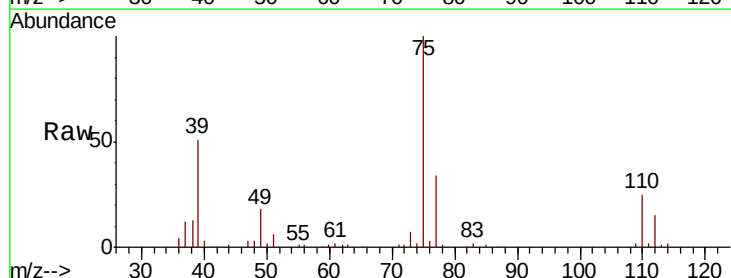
Instrument :  
 MSVOA\_X  
 ClientSampleId :

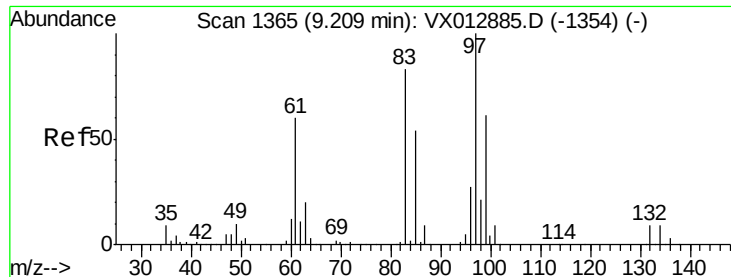
Tot Ion: 75 Resp: 54594  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.865 ug/l  
 RT: 8.43 min Scan# 1237  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Tgt Ion: 75 Resp: 62038  
 Ion Ratio Lower Upper  
 75 100  
 77 34.4 25.8 38.8  
 39 50.9 38.2 57.2

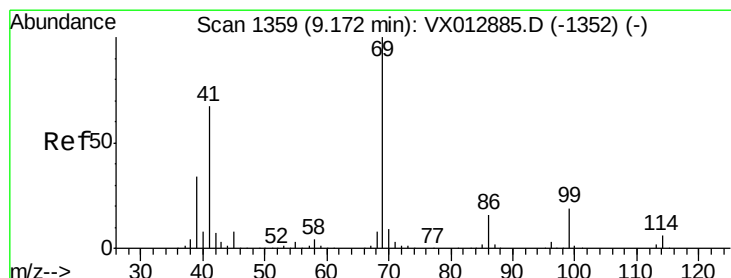
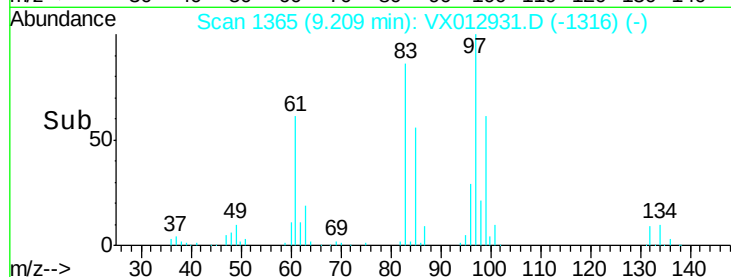
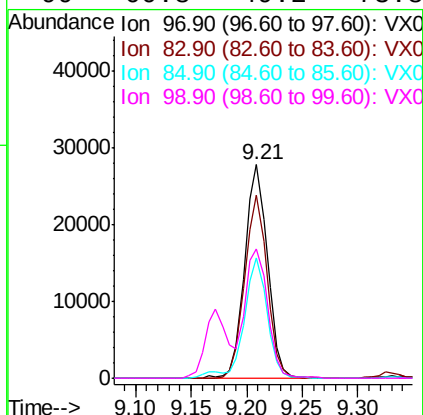
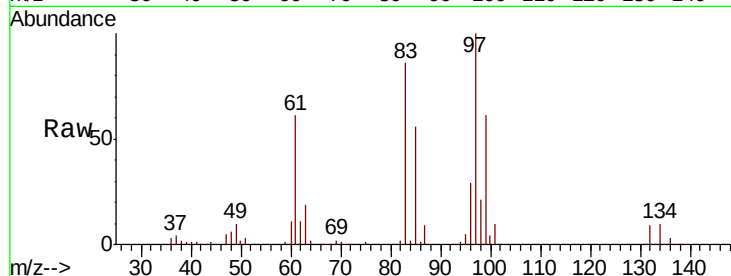




#55  
 1,1,2-Trichloroethane  
 Concen: 20.470 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

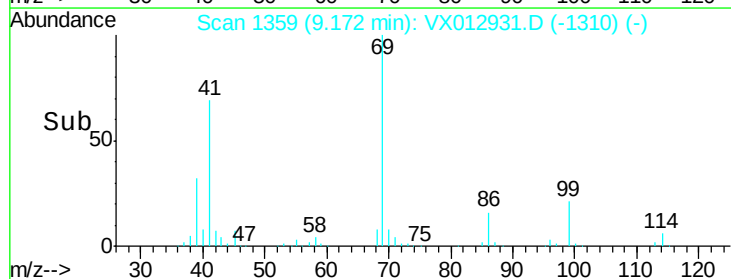
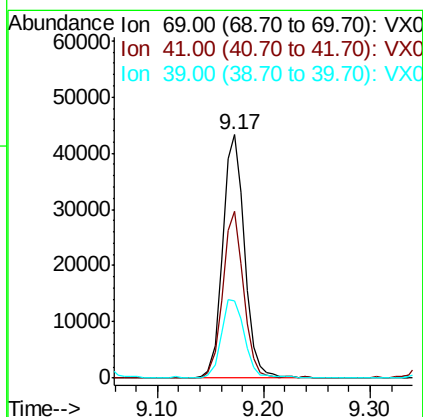
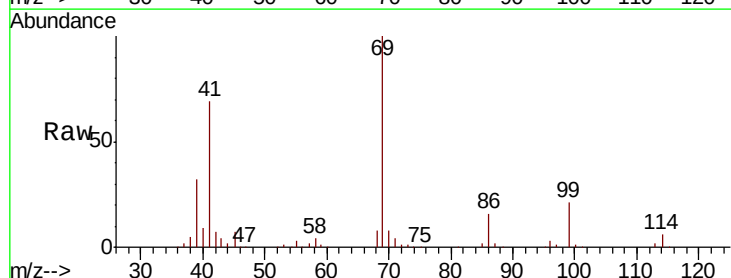
Instrument :  
 MSVOA\_X  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 39711 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.6  | 66.5  | 99.7  |
| 85       | 56.3  | 43.1  | 64.7  |
| 99       | 60.8  | 49.2  | 73.8  |

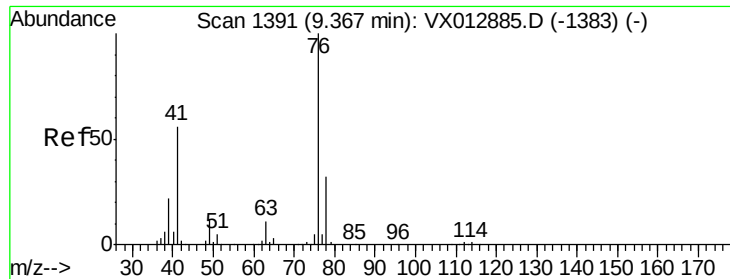


#56  
 Ethyl methacrylate  
 Concen: 19.138 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 62408 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.3  | 52.1  | 78.1  |
| 39       | 34.5  | 27.8  | 41.8  |







#57

1,3-Dichloropropane

Concen: 20.008 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

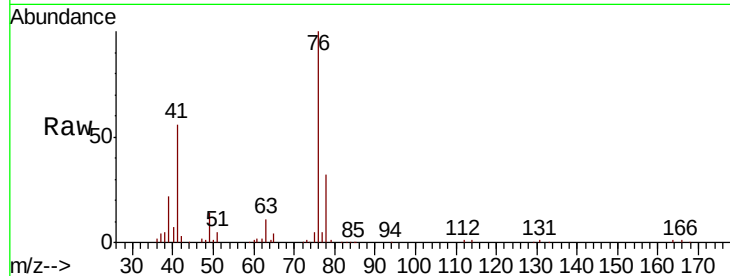
ClientSampled :

Tot Ion: 76 Resp: 67143

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

50000

40000

30000

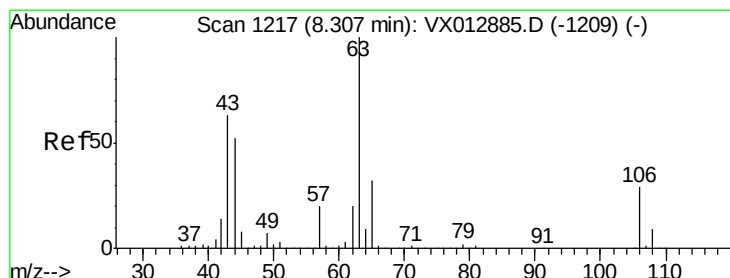
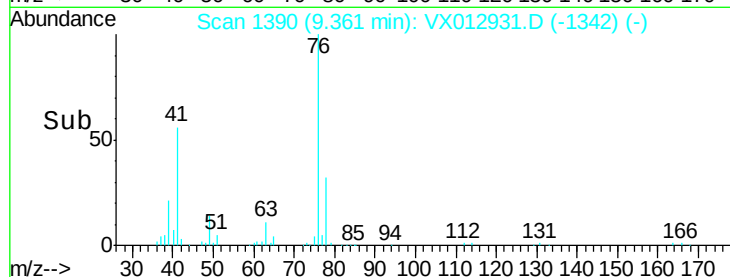
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.953 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012931.D

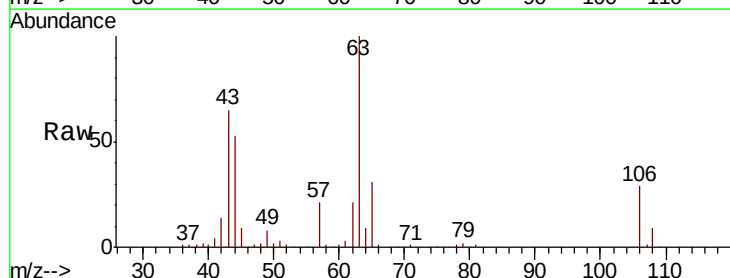
Acq: 09 Oct 2019 10:43

Tgt Ion: 63 Resp: 145297

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

100000

80000

60000

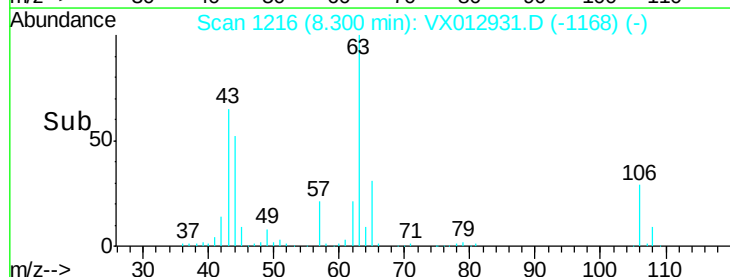
40000

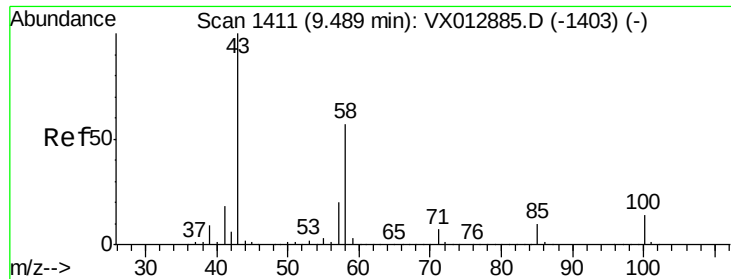
20000

0

8.20 8.30 8.40

Time-->

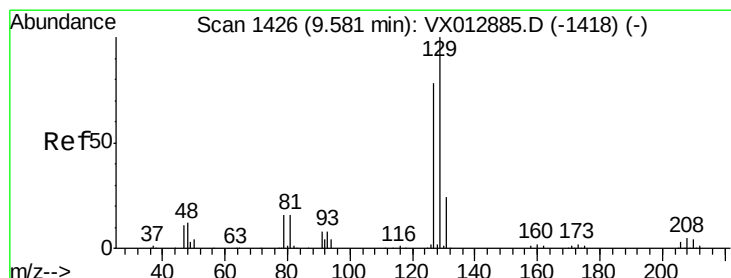
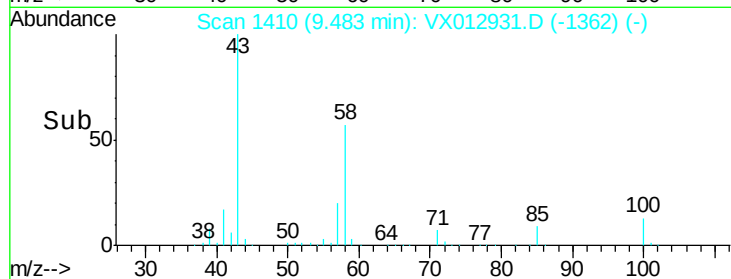
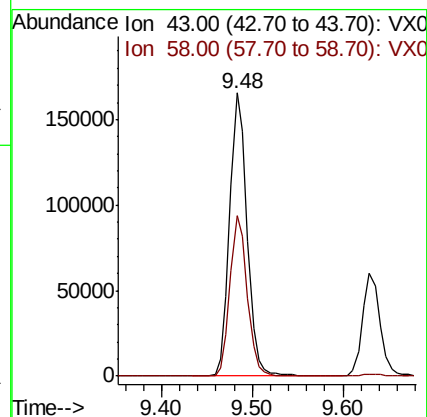
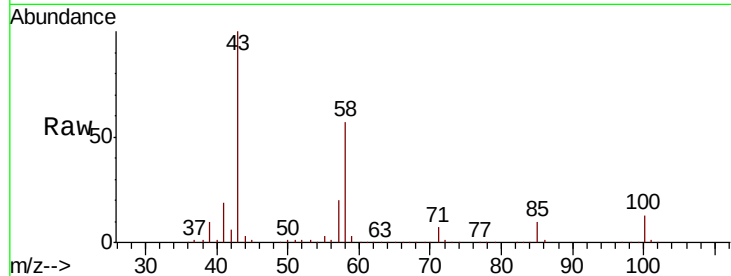




#59  
2-Hexanone  
Concen: 98.769 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

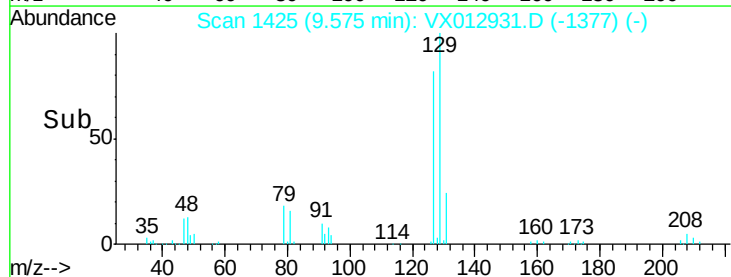
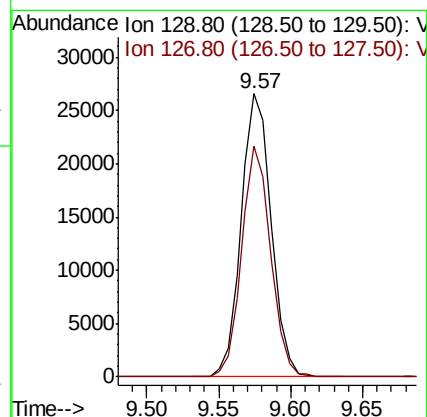
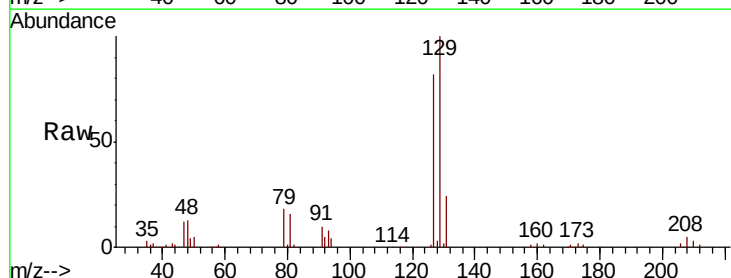
Instrument :  
MSVOA\_X  
ClientSampleId :

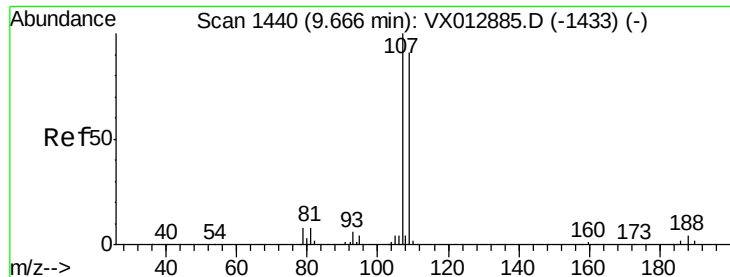
Tot Ion: 43 Resp: 223198  
Ion Ratio Lower Upper  
43 100  
58 56.2 28.1 84.3



#60  
Dibromochloromethane  
Concen: 19.008 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 129 Resp: 38454  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.177 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

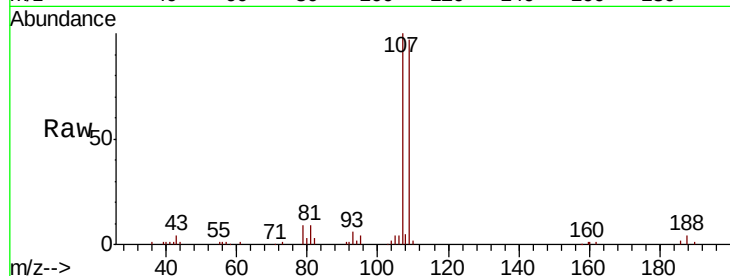
ClientSampleId :

Tot Ion:107 Resp: 41176

Ion Ratio Lower Upper

107 100

109 94.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

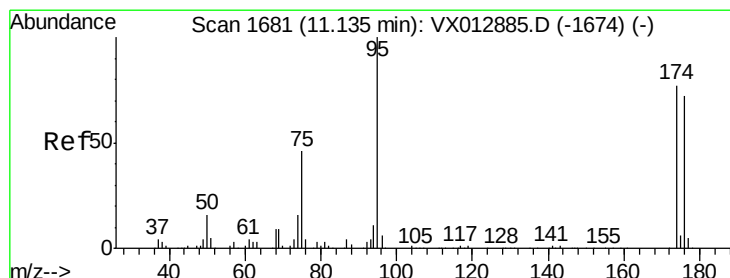
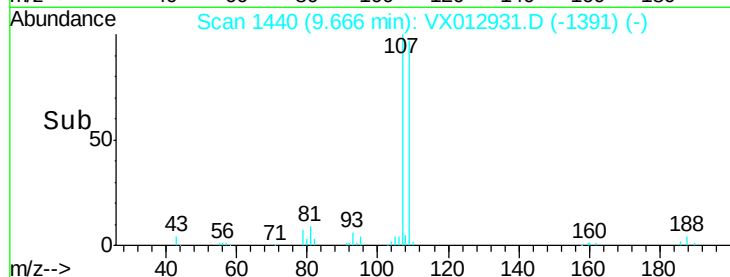
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.197 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

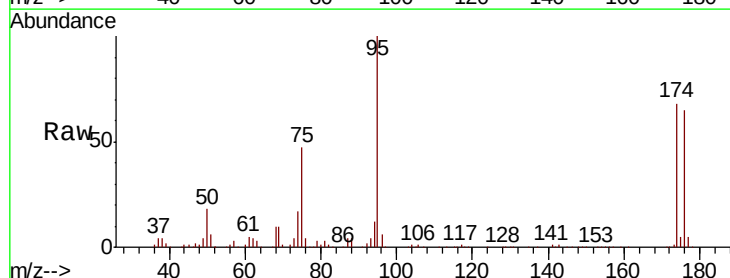
Tgt Ion: 95 Resp: 133969

Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.4

176 69.6 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

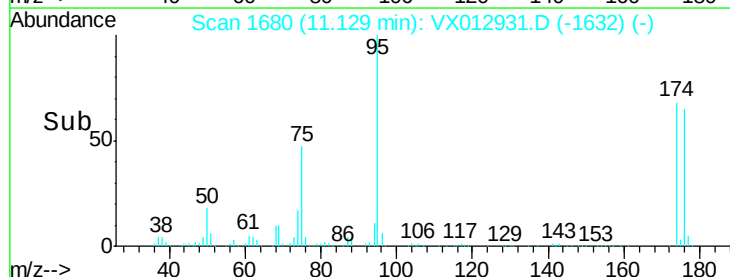
100000

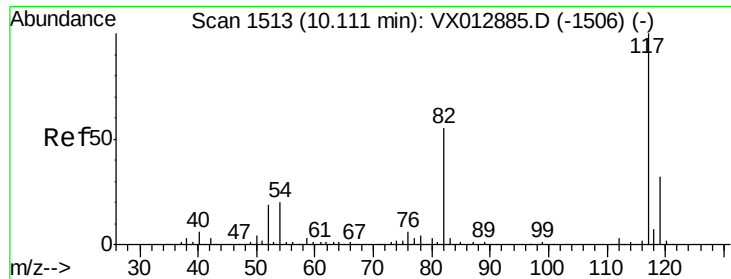
50000

0

Time-->

11.10 11.20

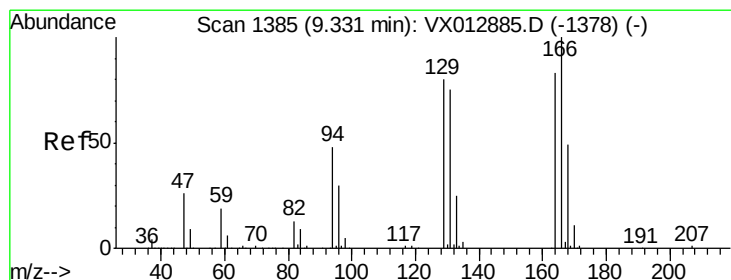
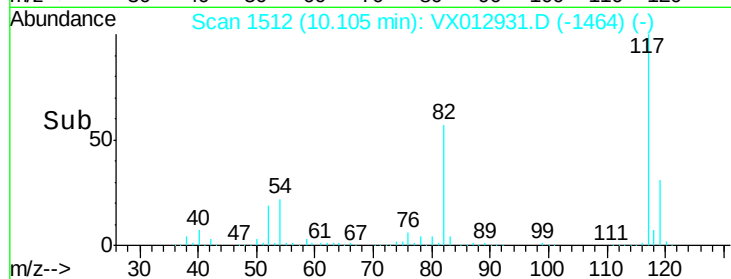
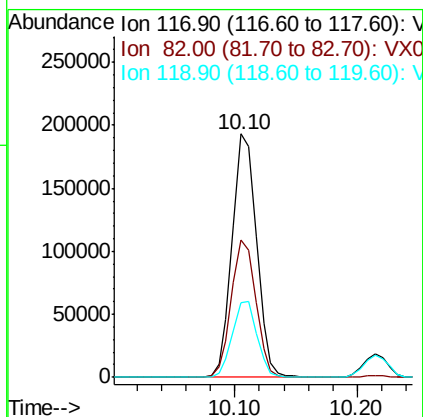
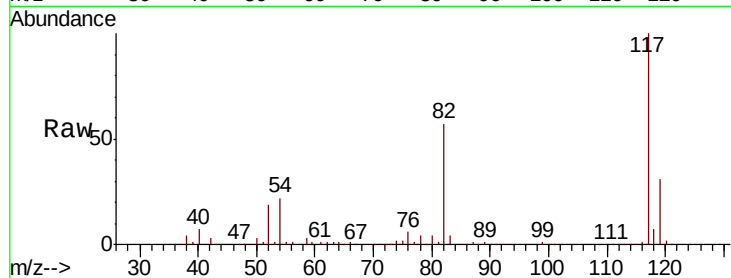




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

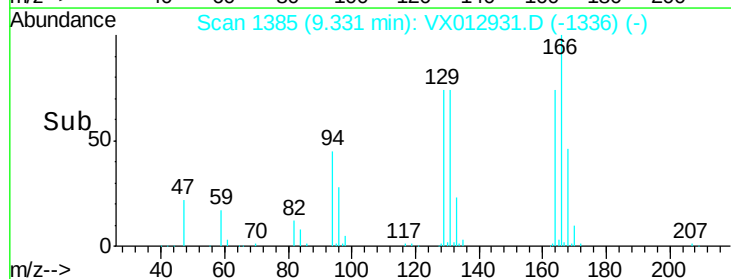
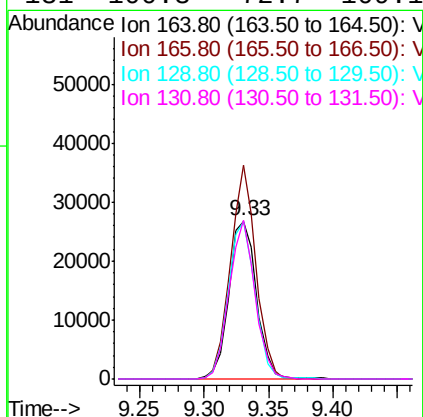
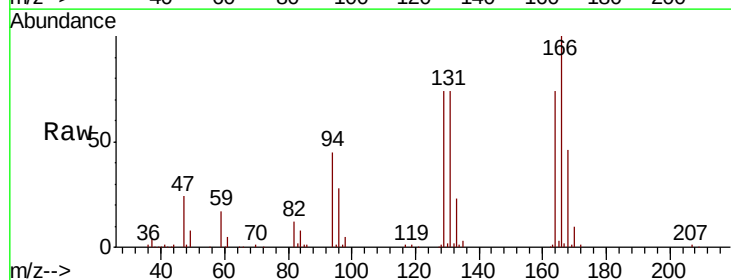
Instrument :  
MSVOA\_X  
ClientSampled :

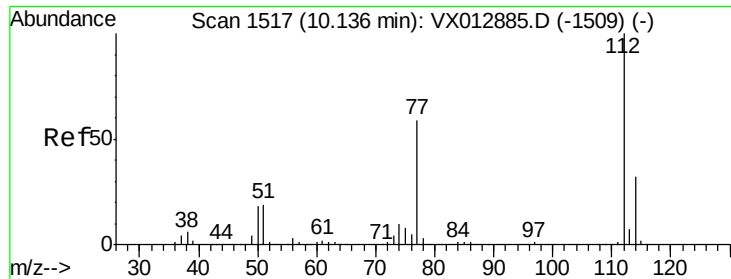
Tot Ion:117 Resp: 267144  
Ion Ratio Lower Upper  
117 100  
82 56.7 44.1 66.1  
119 30.7 25.8 38.8



#64  
Tetrachloroethene  
Concen: 21.633 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion:164 Resp: 40084  
Ion Ratio Lower Upper  
164 100  
166 135.4 96.9 145.3  
129 99.5 77.9 116.9  
131 100.3 72.7 109.1

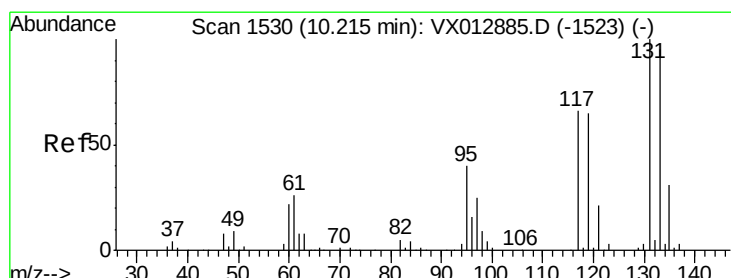
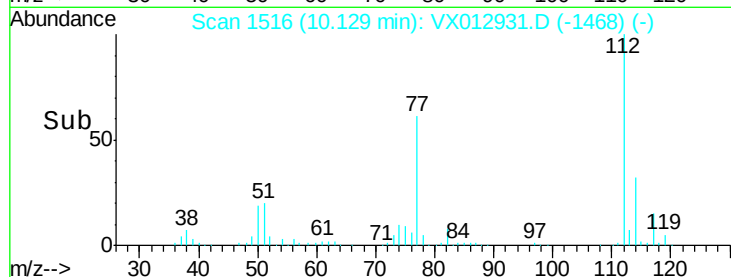
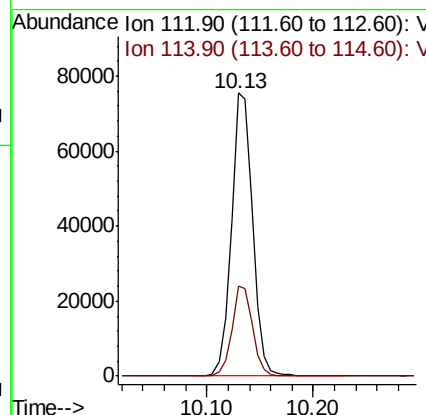
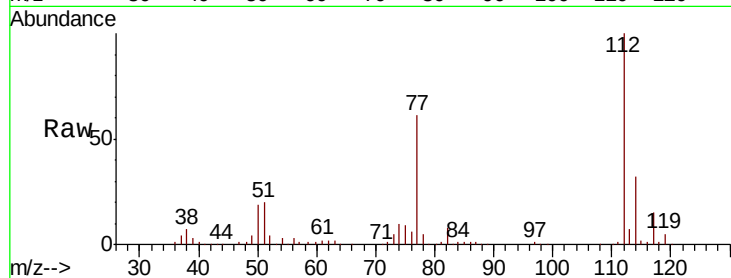




#65  
Chlorobenzene  
Concen: 19.836 ug/l  
RT: 10.13 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

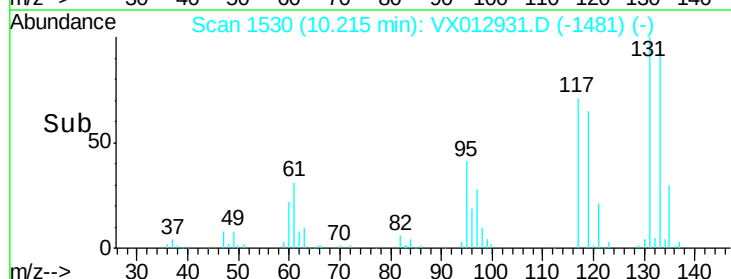
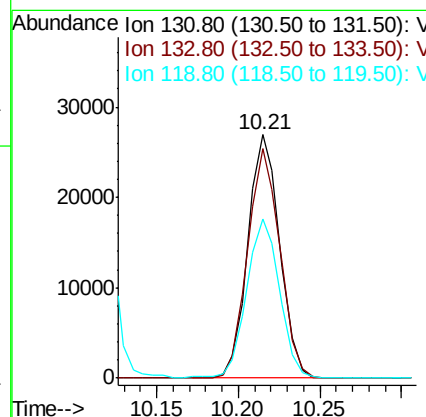
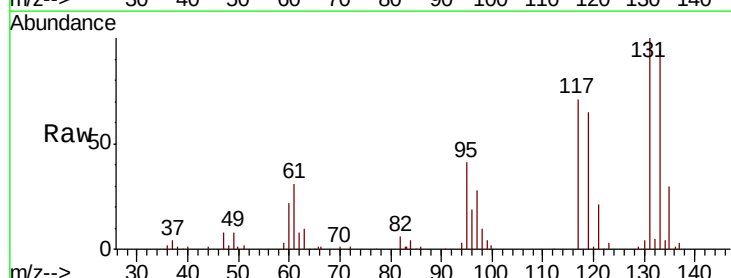
Instrument :  
MSVOA\_X  
ClientSampled :

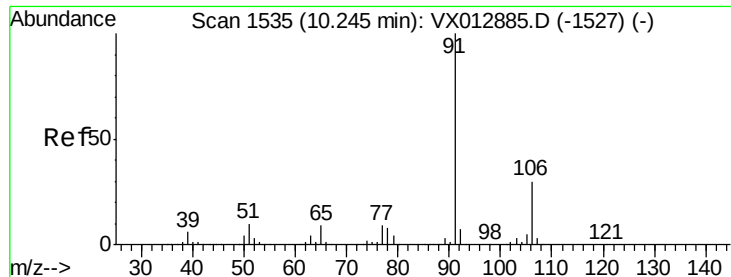
Tot Ion:112 Resp: 105231  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.909 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion:131 Resp: 36620  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.2 141.6  
119 67.8 32.6 98.0

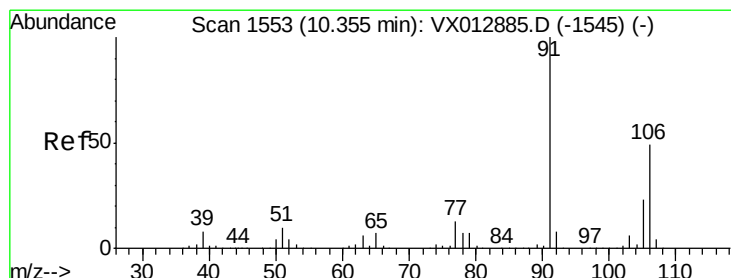
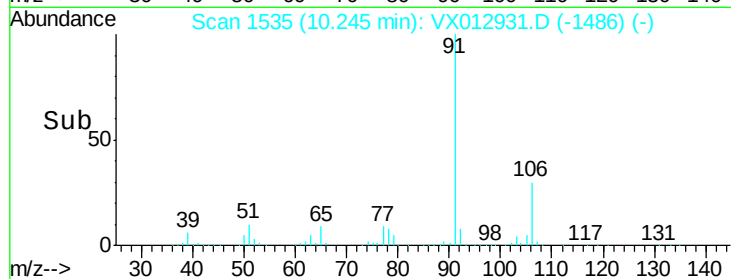
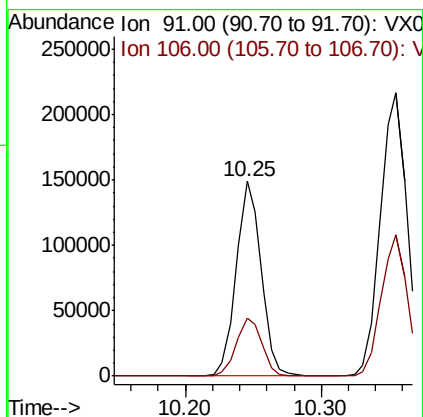
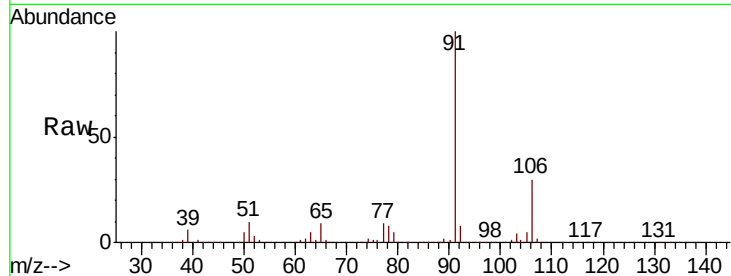




#67  
Ethyl Benzene  
Concen: 20.221 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

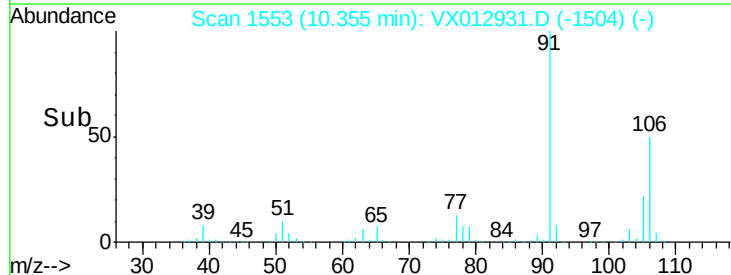
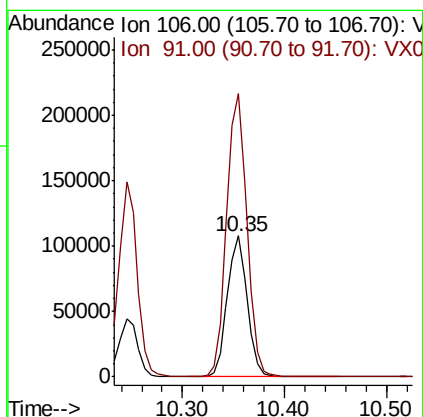
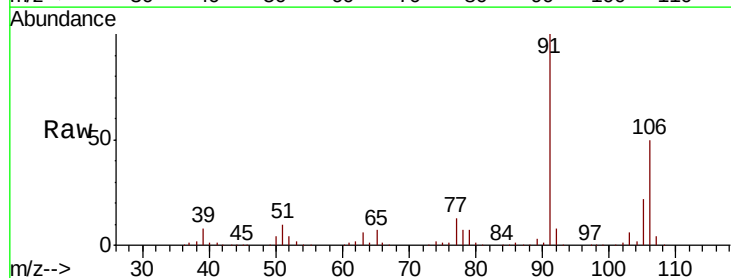
Instrument :  
MSVOA\_X  
ClientSampled :

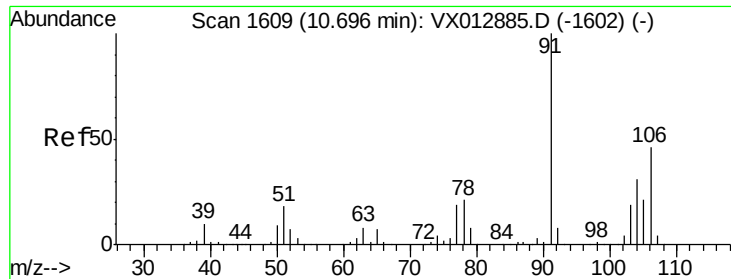
Tot Ion: 91 Resp: 190553  
Ion Ratio Lower Upper  
91 100  
106 29.8 23.9 35.9



#68  
m/p-Xylenes  
Concen: 41.141 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 106 Resp: 144832  
Ion Ratio Lower Upper  
106 100  
91 205.7 165.3 247.9

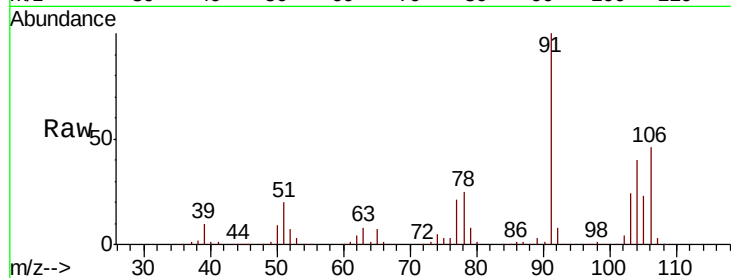




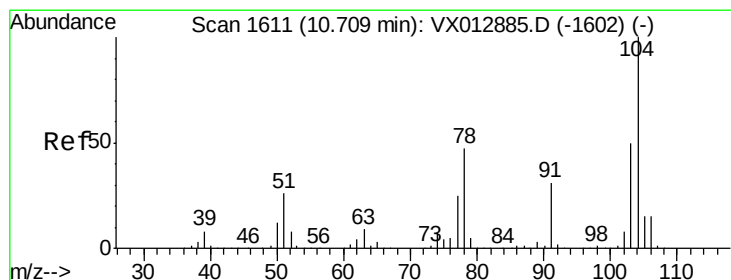
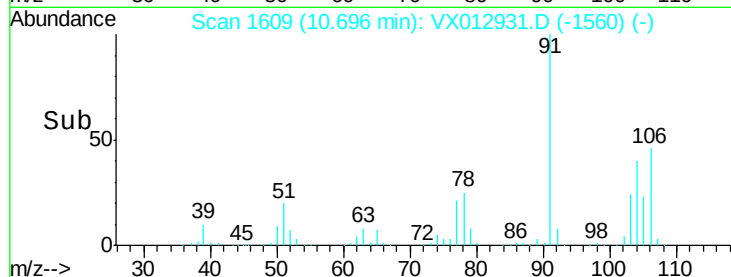
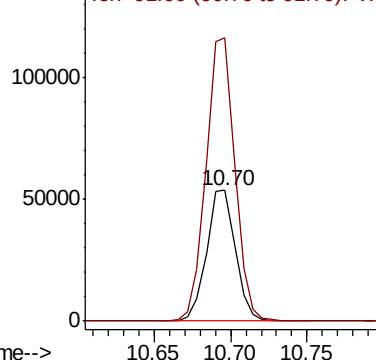
#69  
o-Xylene  
Concen: 20.408 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:106 Resp: 70060  
Ion Ratio Lower Upper  
106 100  
91 217.6 109.1 327.3

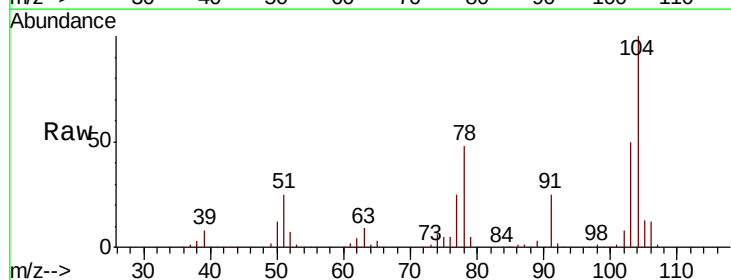


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

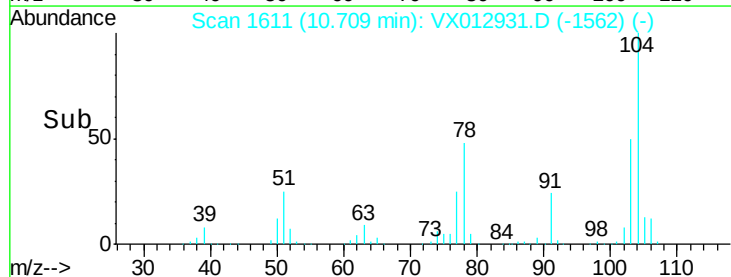
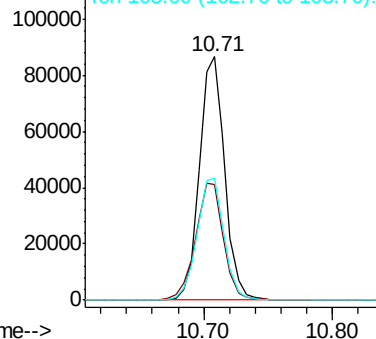


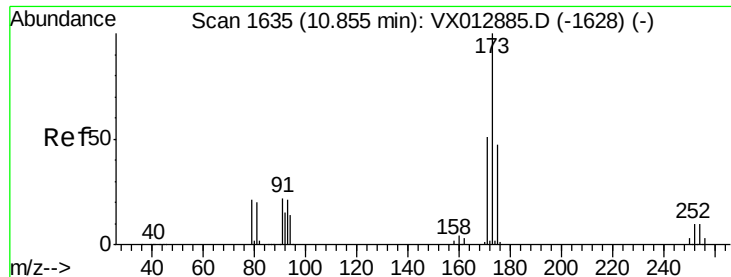
#70  
Styrene  
Concen: 20.346 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion:104 Resp: 118741  
Ion Ratio Lower Upper  
104 100  
78 53.6 41.2 61.8  
103 54.2 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.230 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampled :

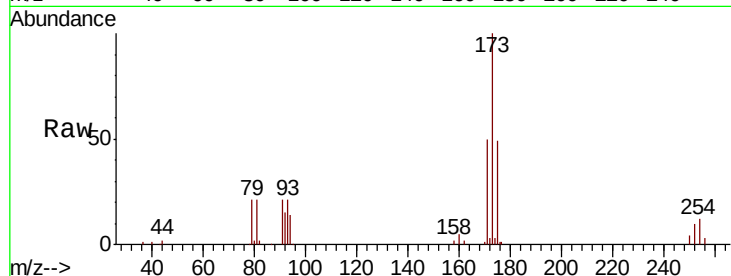
Tot Ion:173 Resp: 25238

Ion Ratio Lower Upper

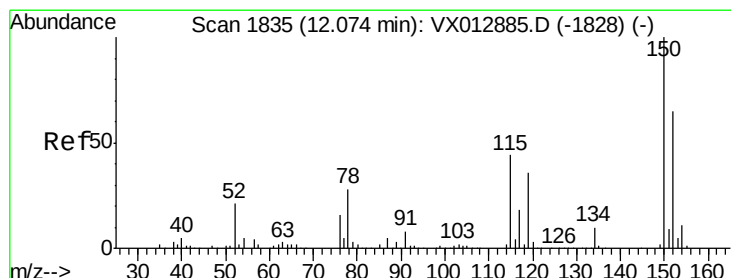
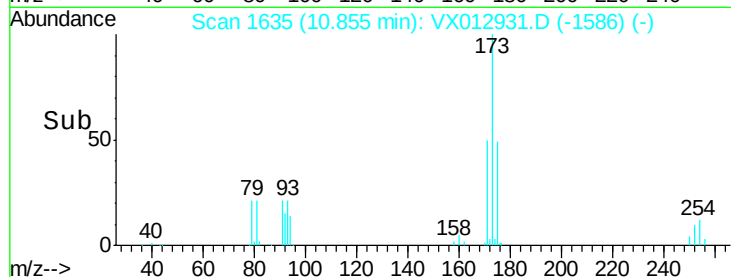
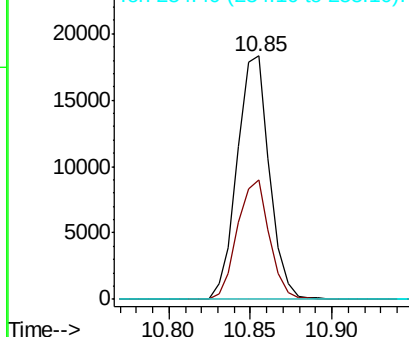
173 100

175 48.4 24.1 72.3

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

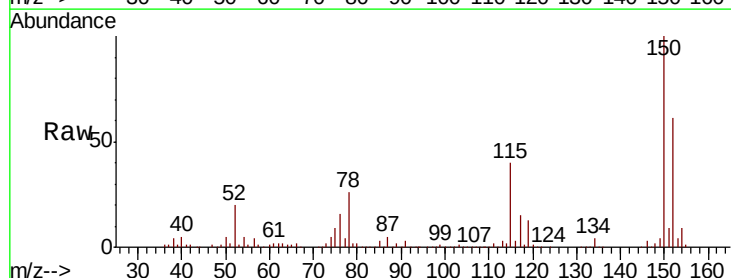
Tgt Ion:152 Resp: 122403

Ion Ratio Lower Upper

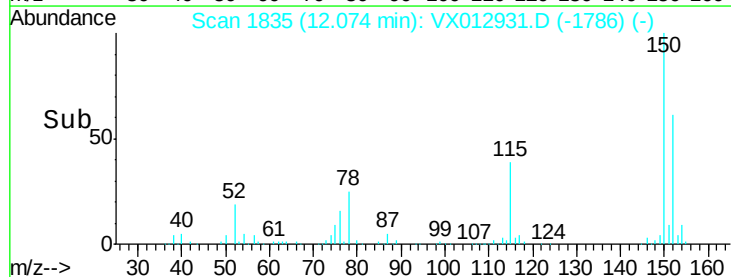
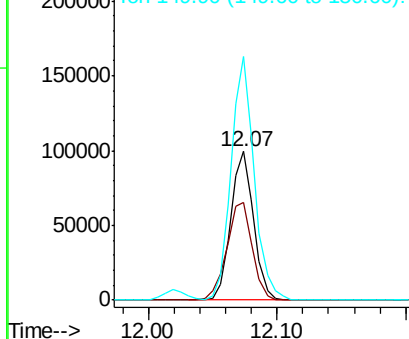
152 100

115 74.1 44.5 133.5

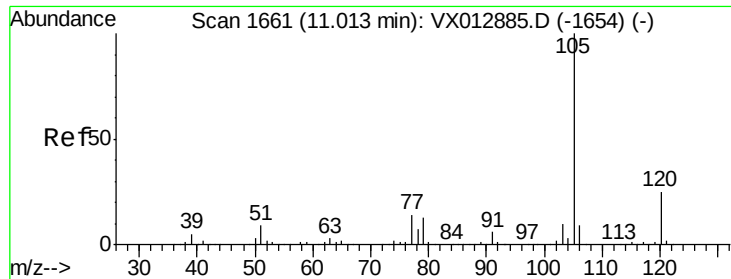
150 167.3 0.0 353.4



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







#73

Isopropylbenzene

Concen: 20.978 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

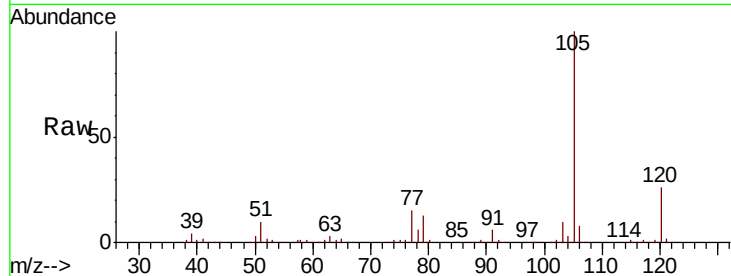
ClientSampleId :

Tot Ion:105 Resp: 188790

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

150000

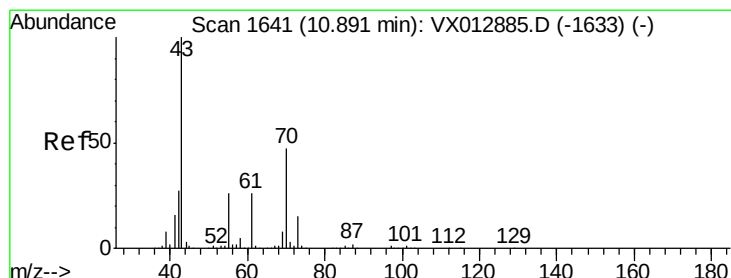
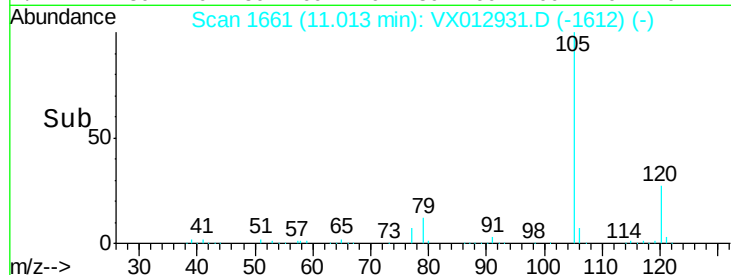
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.906 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion: 43 Resp: 77152

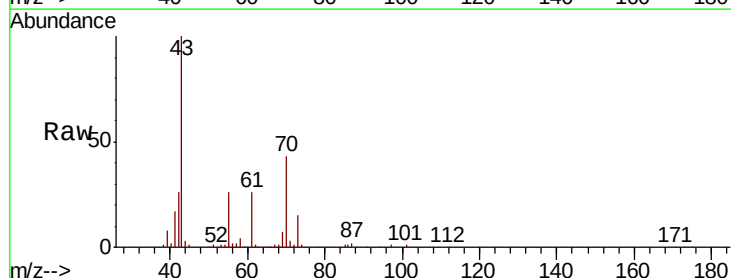
Ion Ratio Lower Upper

43 100

70 44.3 36.4 54.6

55 25.3 20.2 30.2

61 25.7 20.5 30.7



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

100000

80000

60000

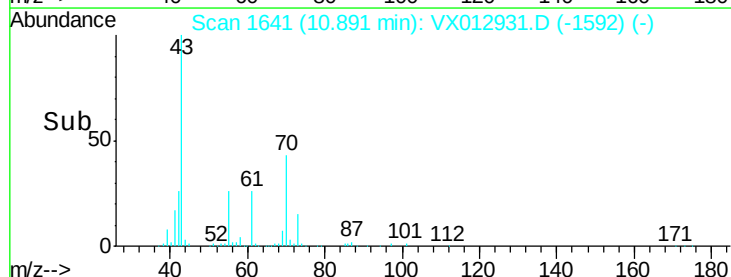
40000

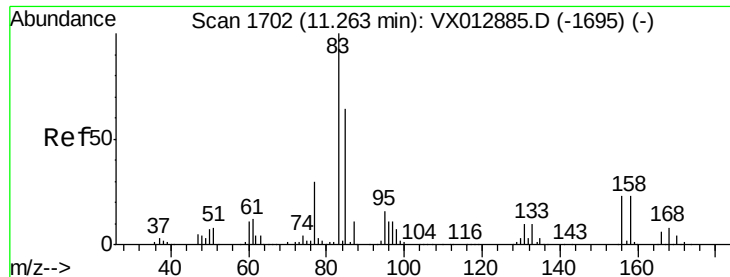
20000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.210 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampleId :

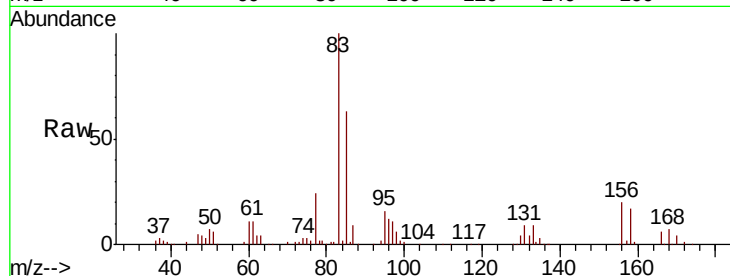
Tot Ion: 83 Resp: 60492

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

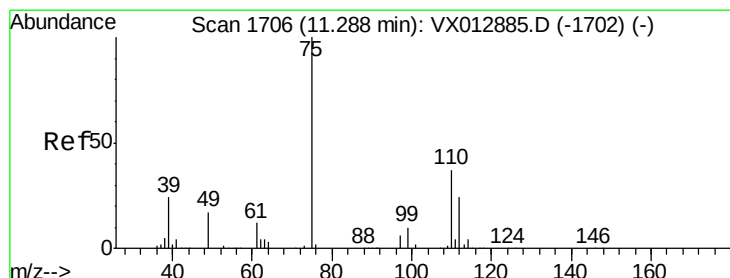
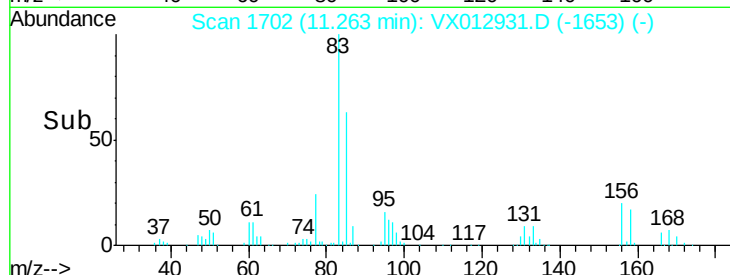
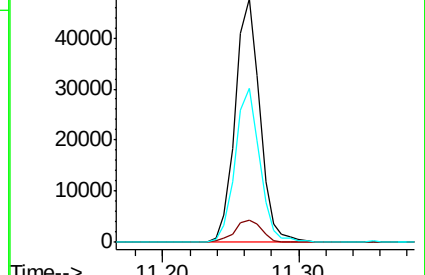
85 63.2 32.1 96.5



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: 24.830 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX012931.D

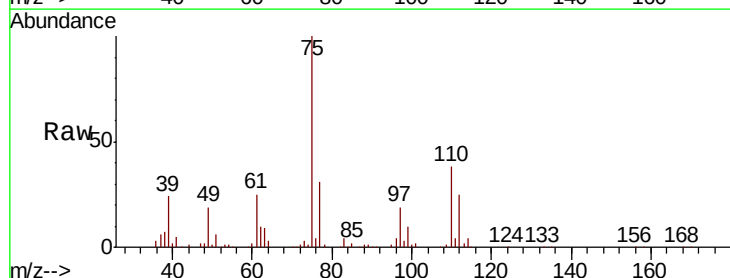
Acq: 09 Oct 2019 10:43

Tgt Ion: 75 Resp: 67411

Ion Ratio Lower Upper

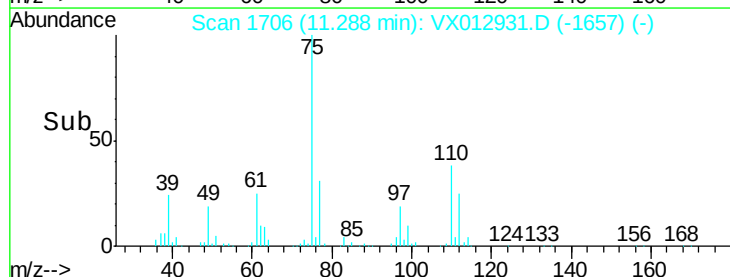
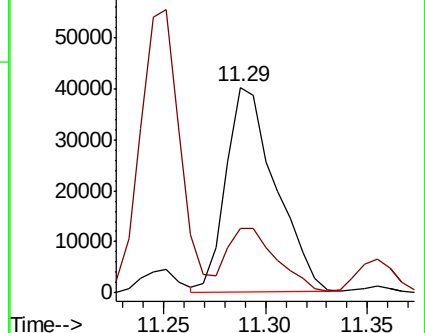
75 100

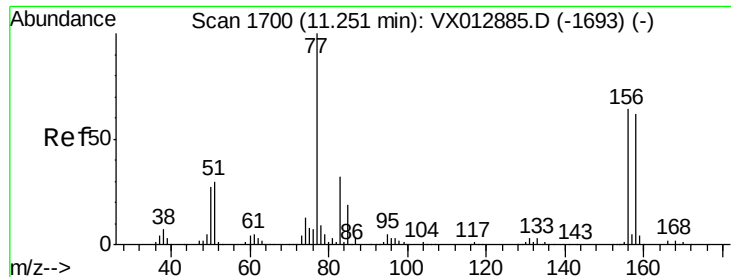
77 31.1 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.324 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampleId :

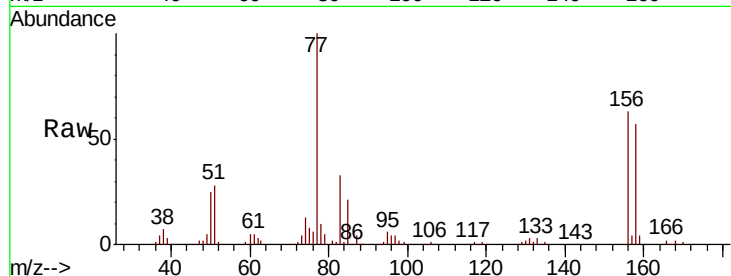
Tot Ion:156 Resp: 43101

Ion Ratio Lower Upper

156 100

77 173.7 83.7 251.0

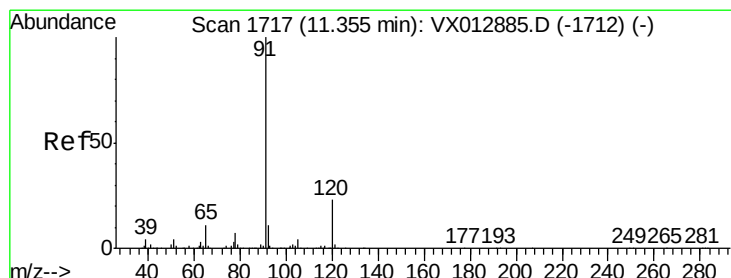
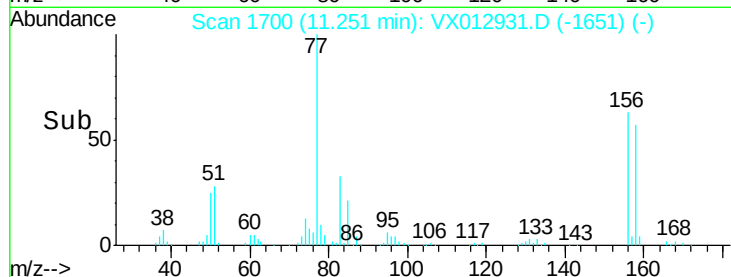
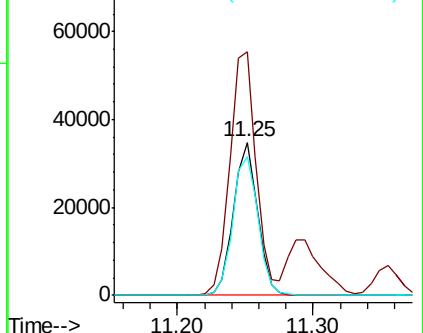
158 94.9 48.6 145.9



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: 20.921 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012931.D

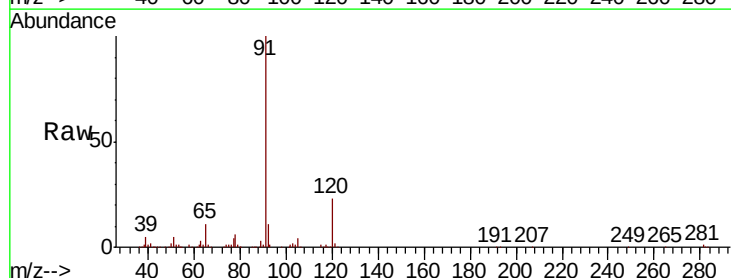
Acq: 09 Oct 2019 10:43

Tgt Ion: 91 Resp: 207169

Ion Ratio Lower Upper

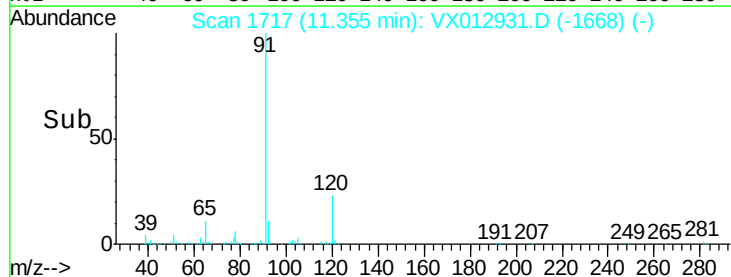
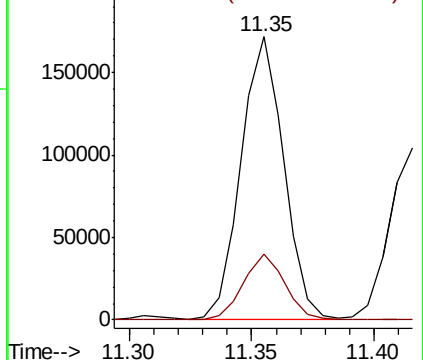
91 100

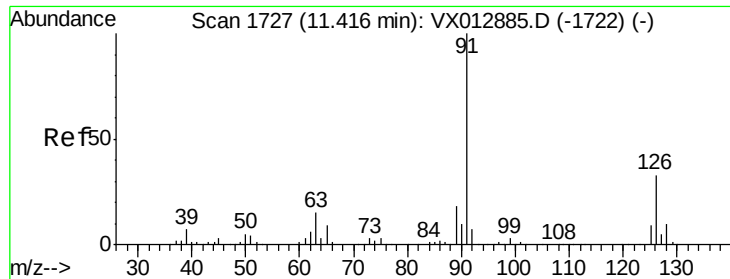
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

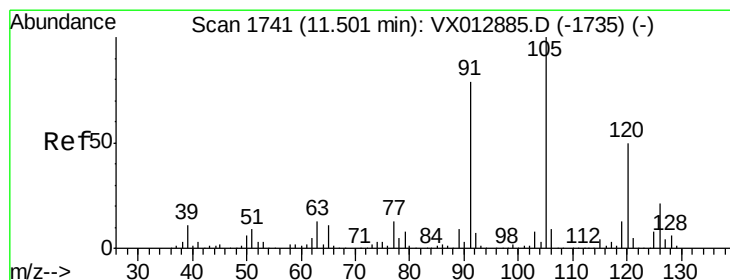
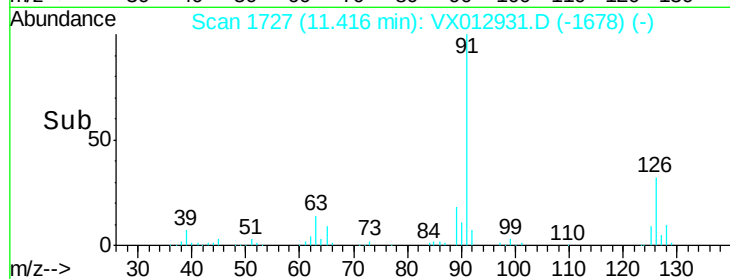
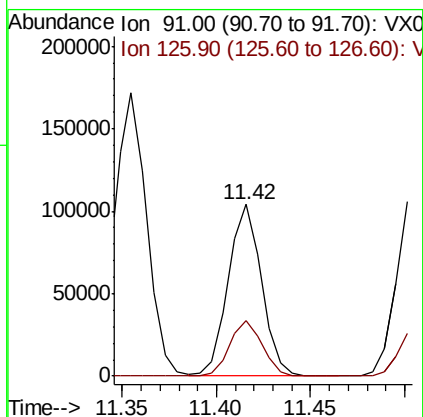
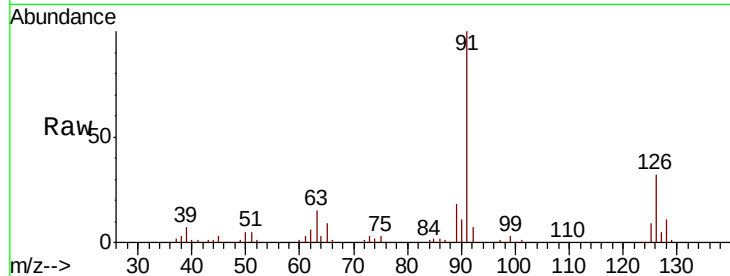




#79  
 2-Chlorotoluene  
 Concen: 20.400 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

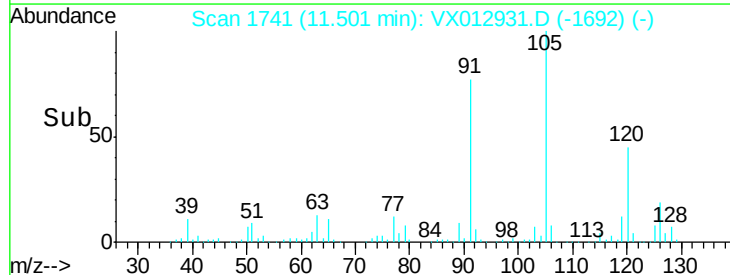
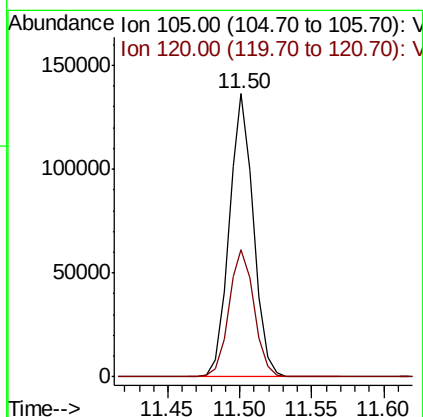
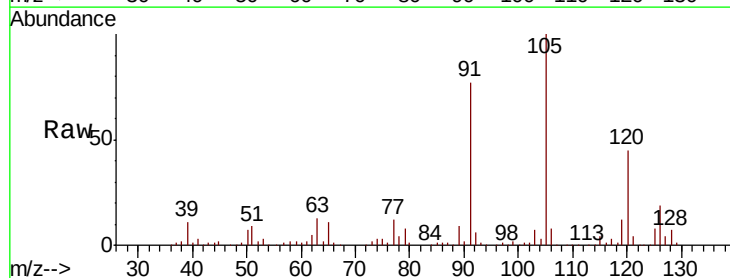
Instrument :  
 MSVOA\_X  
 ClientSampleId :

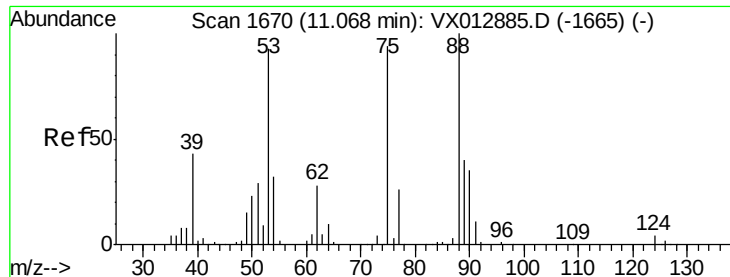
Tot Ion: 91 Resp: 126957  
 Ion Ratio Lower Upper  
 91 100  
 126 31.9 16.3 48.8



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.292 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Tgt Ion: 105 Resp: 159998  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 24.8 74.3

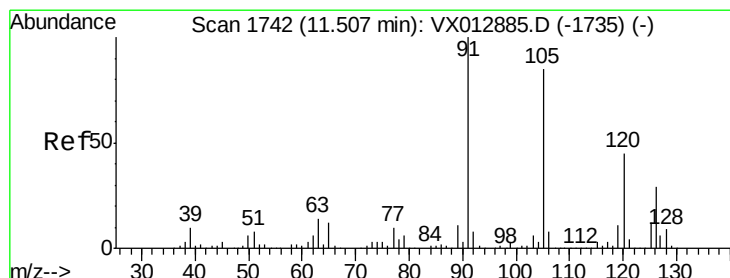
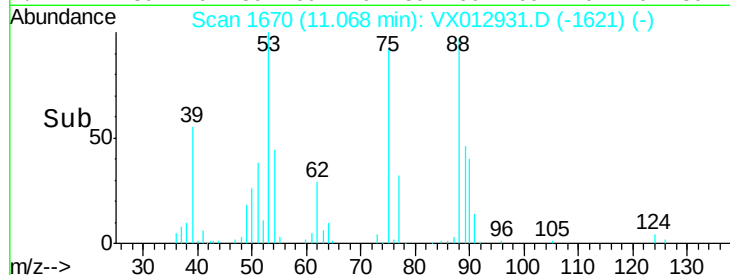
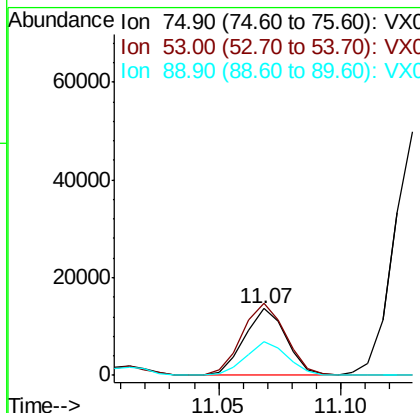
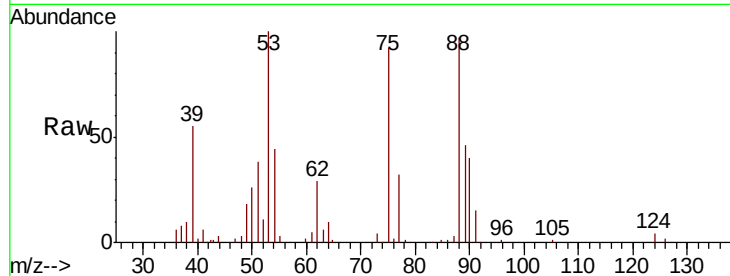




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.457 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

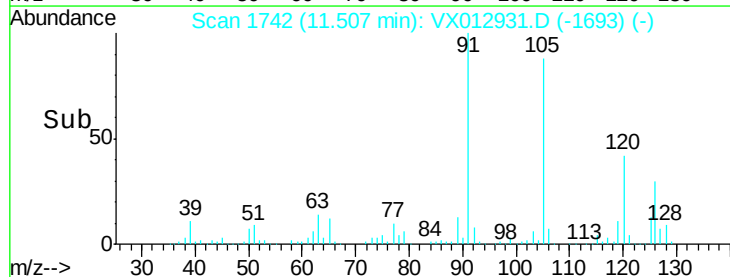
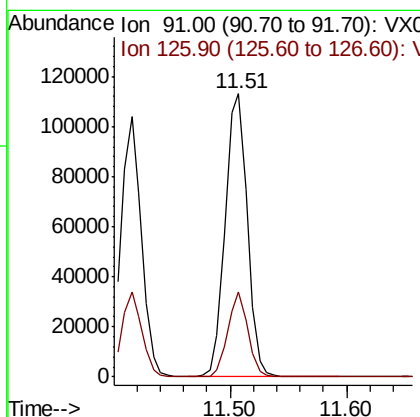
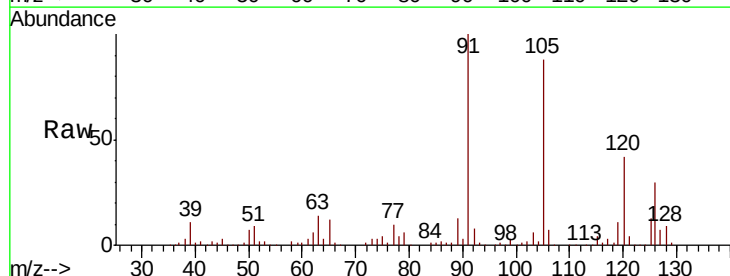
Instrument :  
MSVOA\_X  
ClientSampleId :

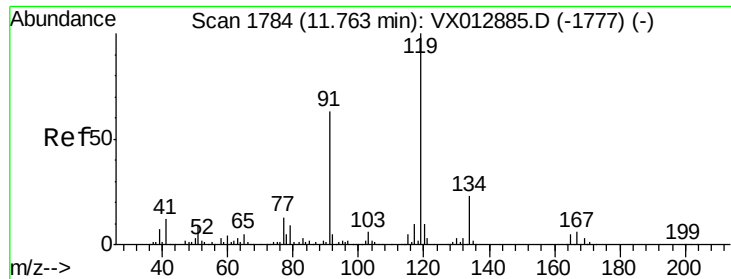
Tot Ion: 75 Resp: 16524  
Ion Ratio Lower Upper  
75 100  
53 111.9 78.5 117.7  
89 49.9 37.4 56.2



#82  
4-Chlorotoluene  
Concen: 20.933 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX012931.D  
Acq: 09 Oct 2019 10:43

Tgt Ion: 91 Resp: 149322  
Ion Ratio Lower Upper  
91 100  
126 27.4 14.2 42.6

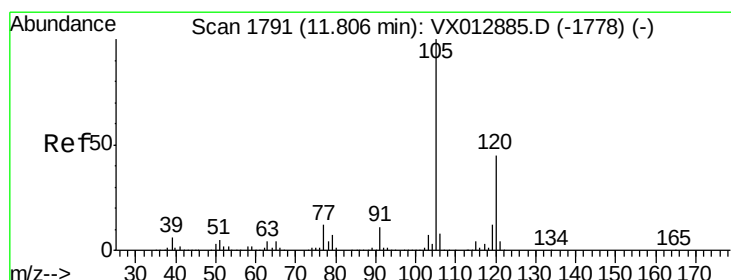
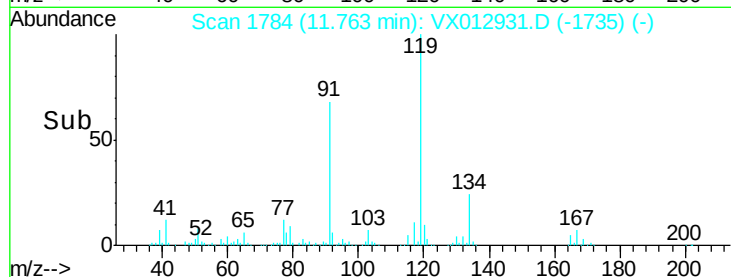
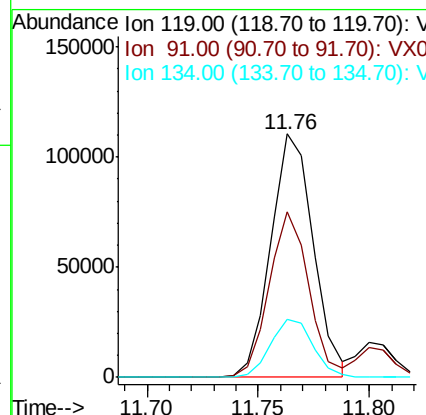
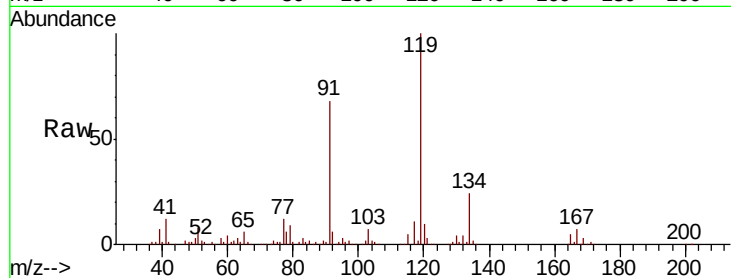




#83  
 tert-Butylbenzene  
 Concen: 19.941 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

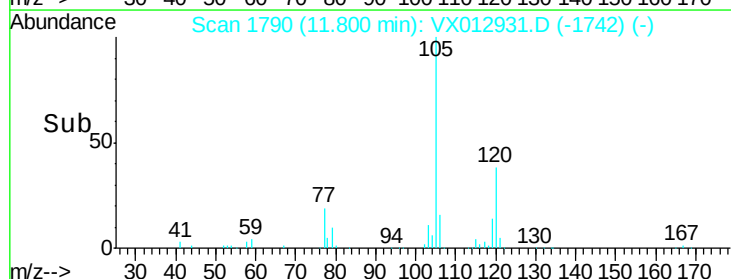
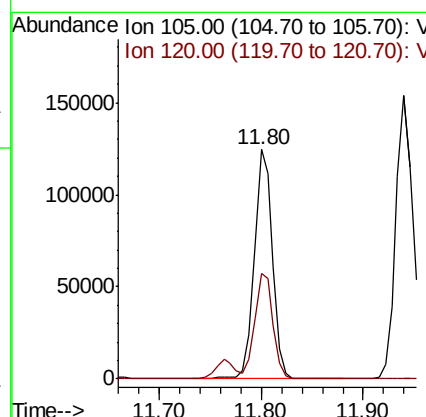
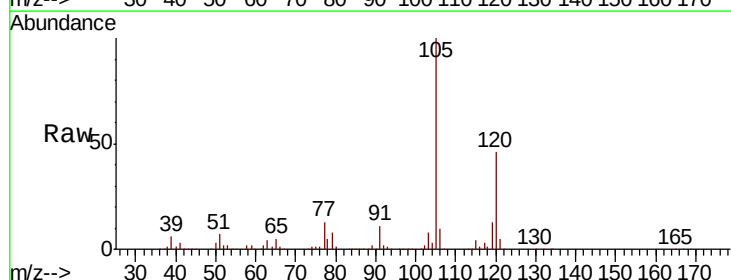
Instrument :  
 MSVOA\_X  
 ClientSampled :

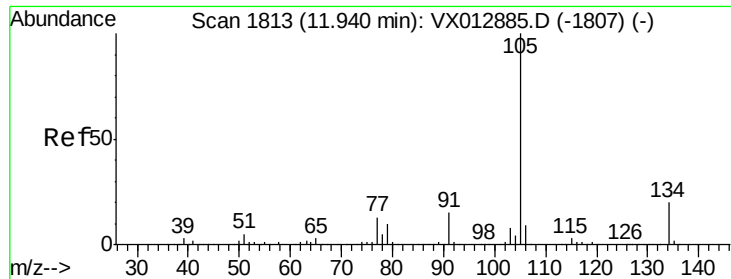
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.6  | 29.3  | 87.9  |
| 134     | 24.0  | 11.5  | 34.4  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.371 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.0  | 21.8  | 65.3  |





#85

sec-Butylbenzene

Concen: 21.399 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

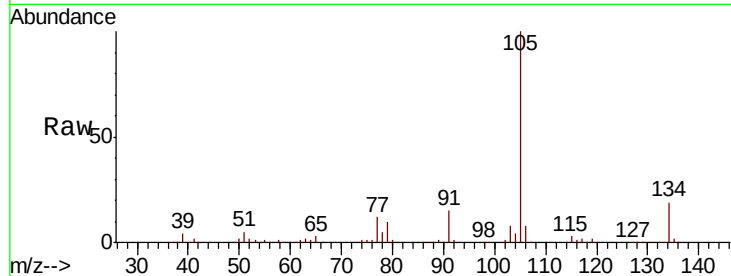
ClientSampleId :

Tot Ion:105 Resp: 181726

Ion Ratio Lower Upper

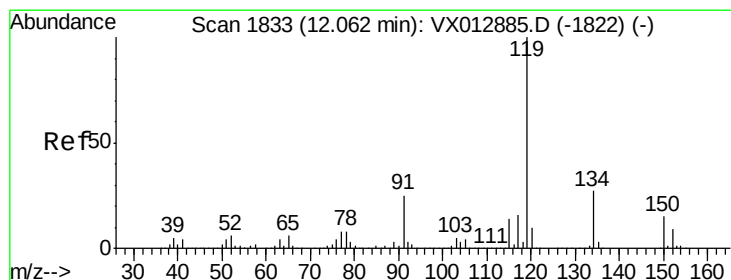
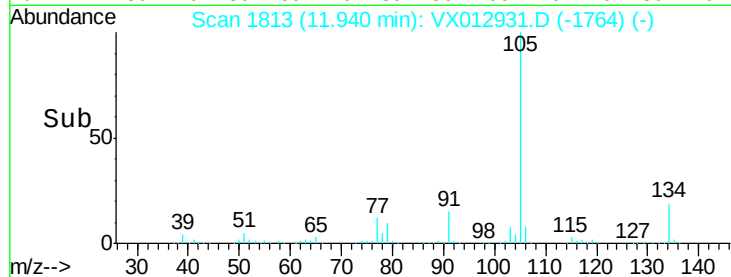
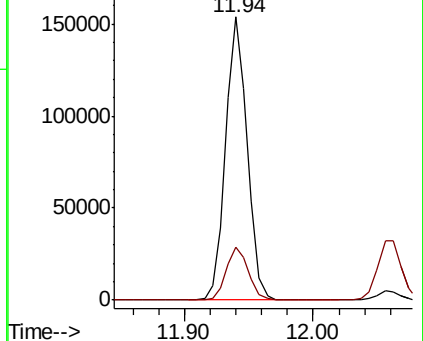
105 100

134 19.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.871 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

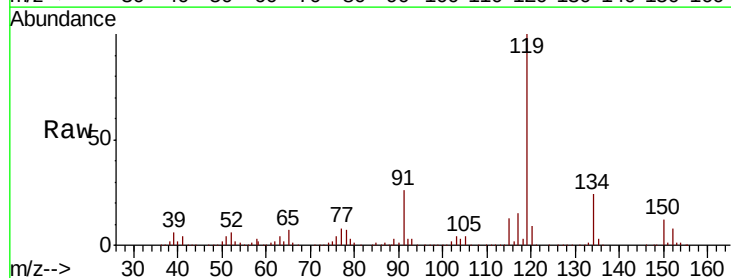
Tgt Ion:119 Resp: 164387

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

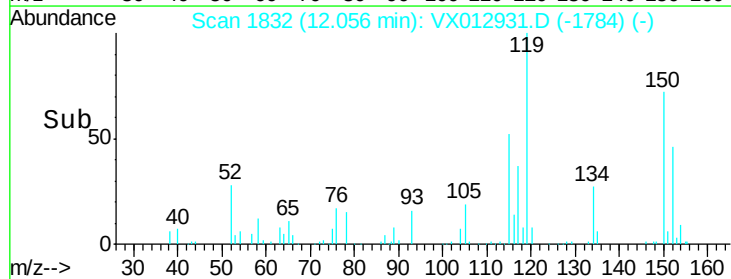
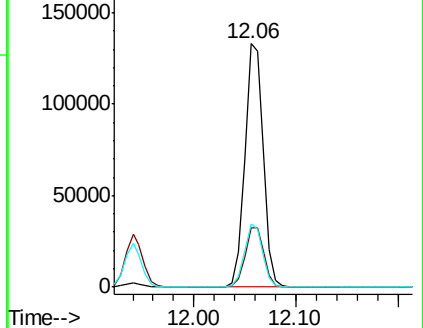
91 25.7 12.4 37.4

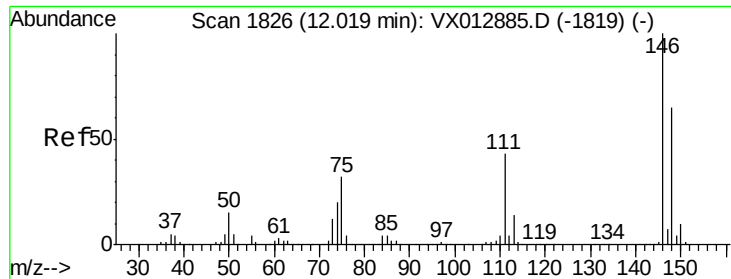


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

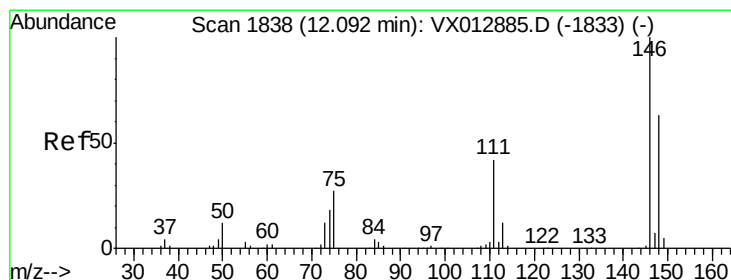
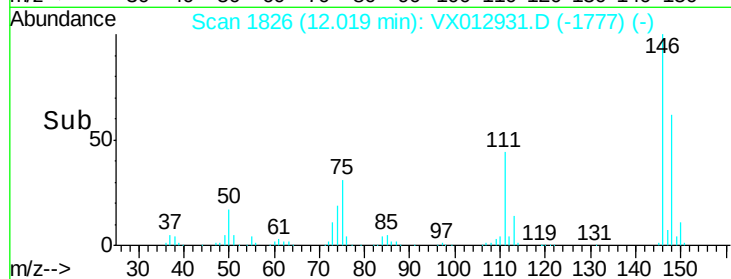
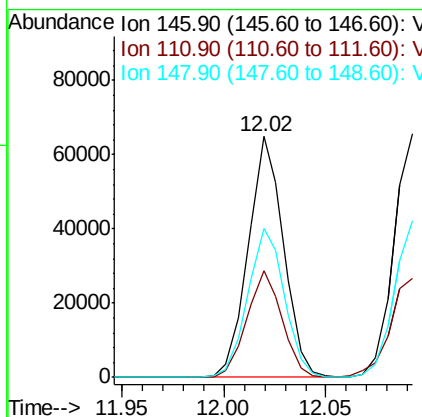
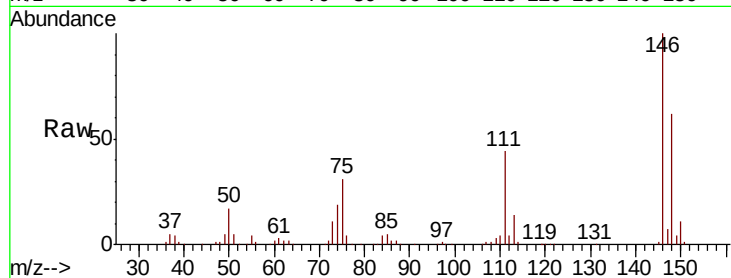




#87  
 1,3-Dichlorobenzene  
 Concen: 19.795 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

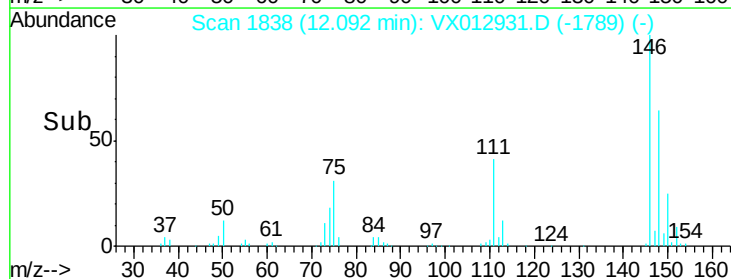
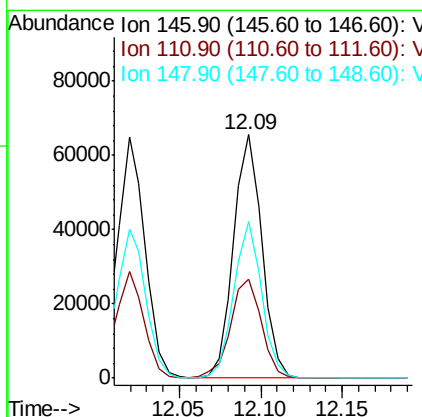
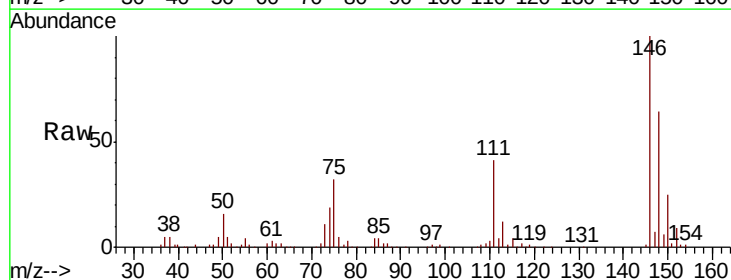
Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion:146 Resp: 77955  
 Ion Ratio Lower Upper  
 146 100  
 111 44.1 21.1 63.4  
 148 64.4 31.6 95.0

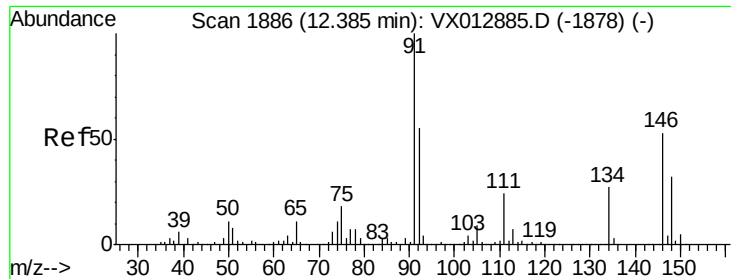


#88  
 1,4-Dichlorobenzene  
 Concen: 19.942 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

Tgt Ion:146 Resp: 79537  
 Ion Ratio Lower Upper  
 146 100  
 111 44.4 21.4 64.3  
 148 63.1 32.1 96.5







#89

n-Butylbenzene

Concen: 20.812 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampleId :

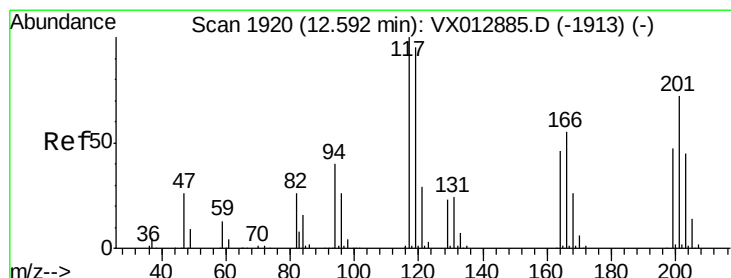
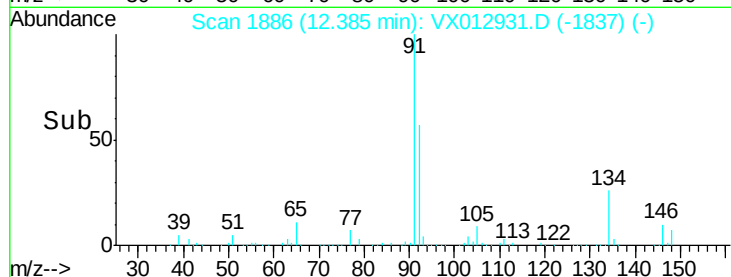
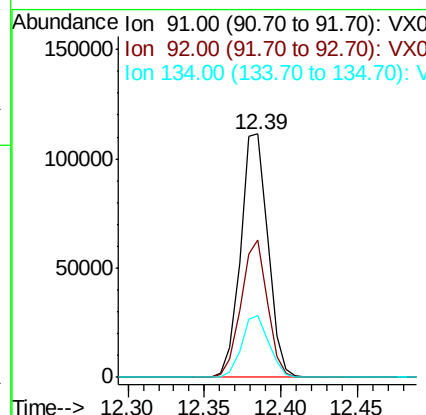
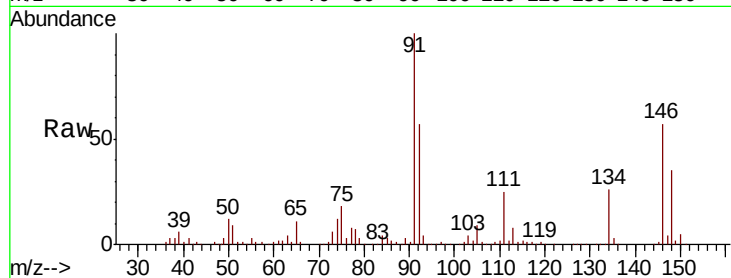
Tot Ion: 91 Resp: 137770

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.5

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 18.884 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012931.D

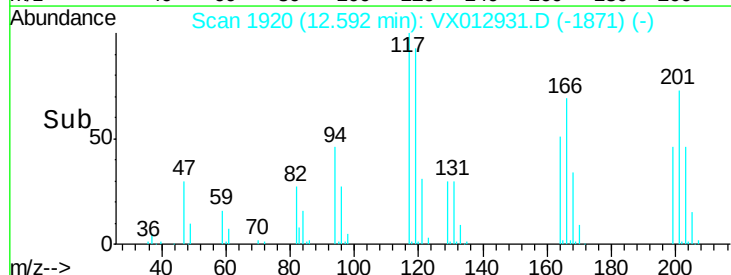
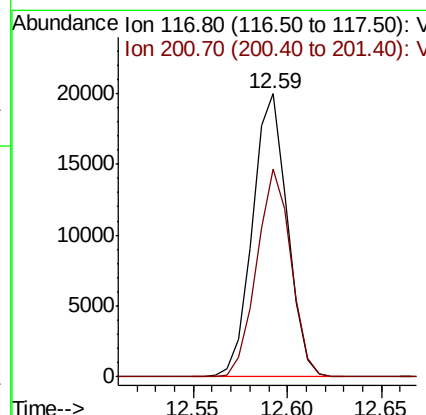
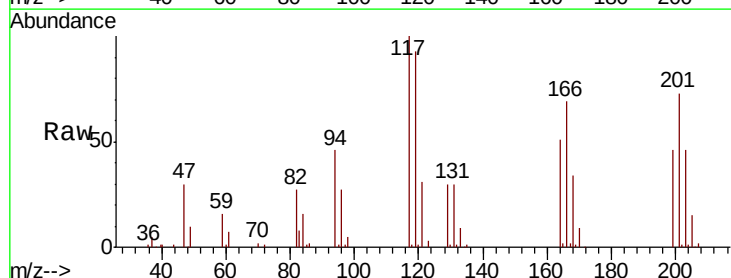
Acq: 09 Oct 2019 10:43

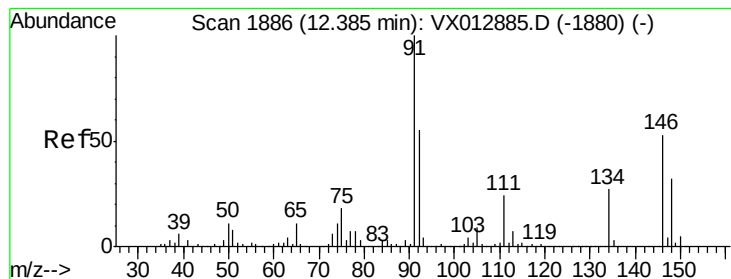
Tgt Ion: 117 Resp: 25540

Ion Ratio Lower Upper

117 100

201 72.1 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 20.201 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA\_X

ClientSampleId :

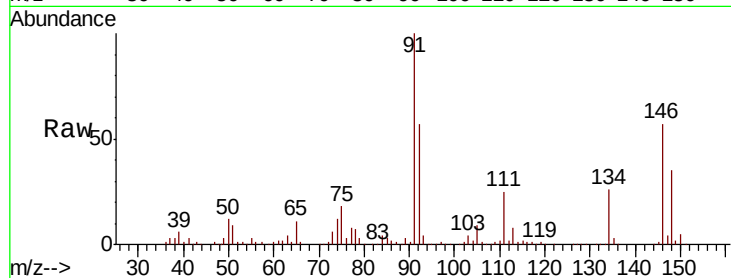
Tot Ion:146 Resp: 77990

Ion Ratio Lower Upper

146 100

111 43.7 22.7 68.0

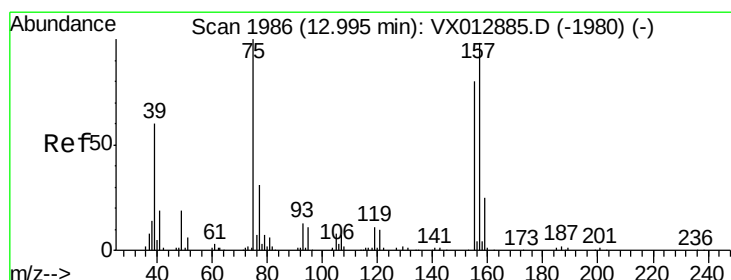
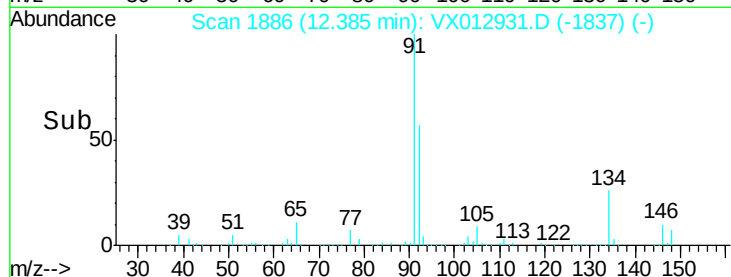
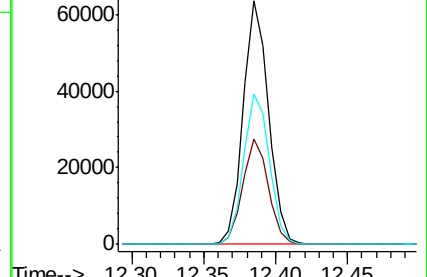
148 62.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.212 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

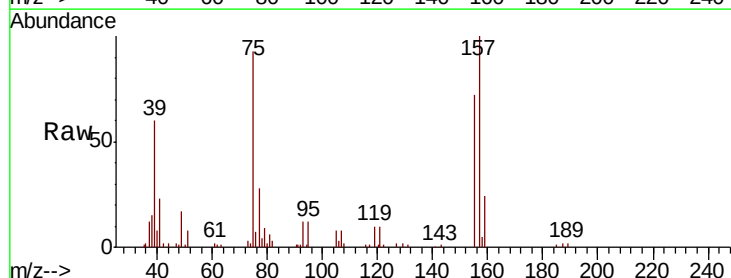
Tgt Ion: 75 Resp: 13478

Ion Ratio Lower Upper

75 100

155 77.6 43.0 128.8

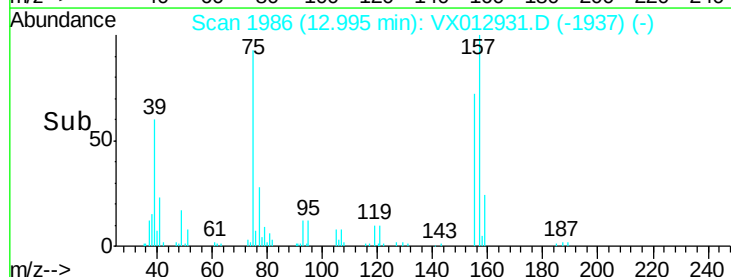
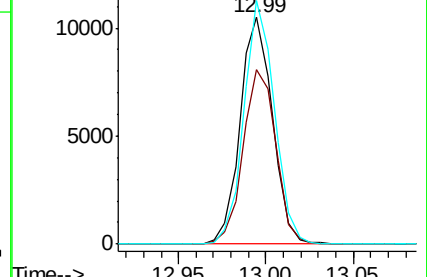
157 101.4 54.1 162.3

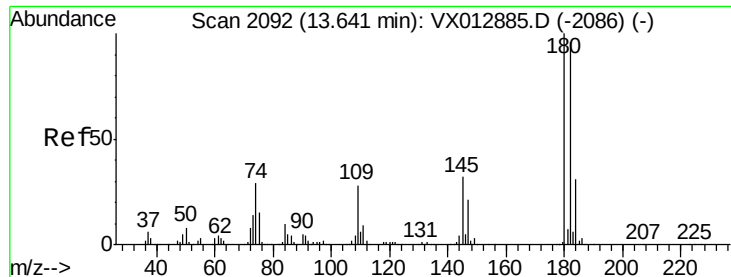


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

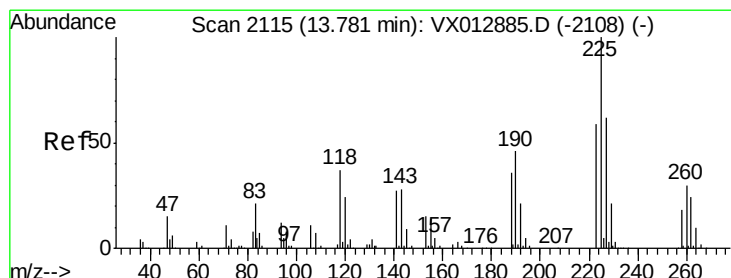
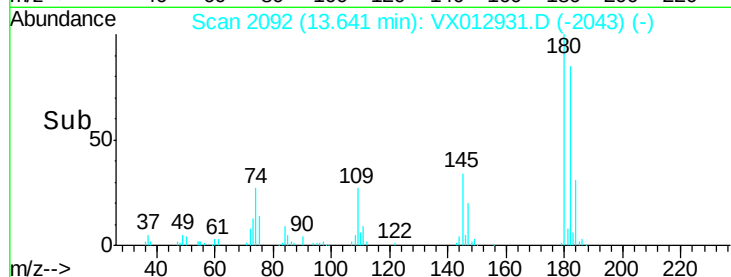
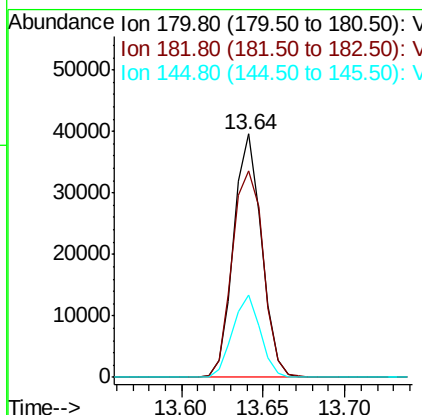
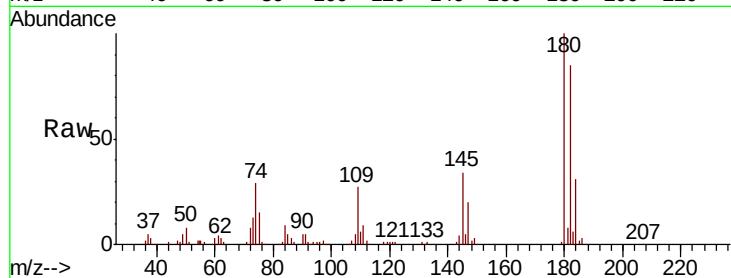




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.550 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

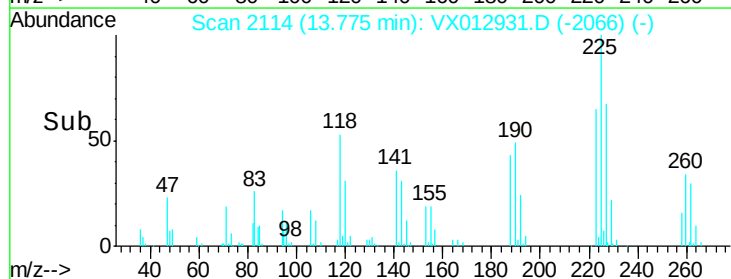
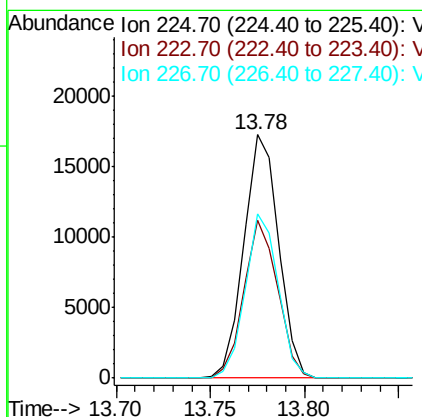
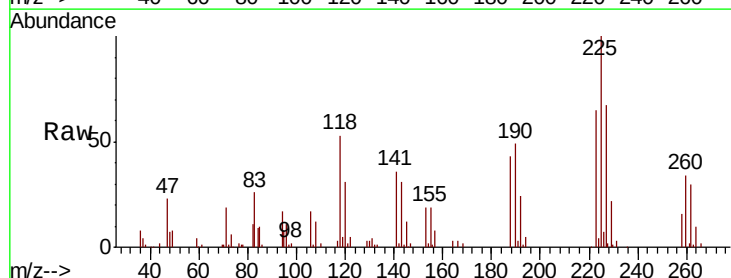
Instrument :  
 MSVOA\_X  
 ClientSampled :

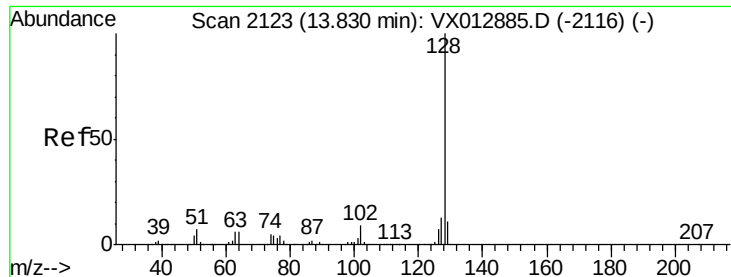
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 46.8  | 140.4 |
| 145     | 33.5  | 16.2  | 48.6  |



#94  
 Hexachlorobutadiene  
 Concen: 19.775 ug/l  
 RT: 13.78 min Scan# 2114  
 Delta R.T. -0.01 min  
 Lab File: VX012931.D  
 Acq: 09 Oct 2019 10:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 31.1  | 93.2  |
| 227     | 64.2  | 32.3  | 96.9  |





#95

Naphthalene

Concen: 19.077 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

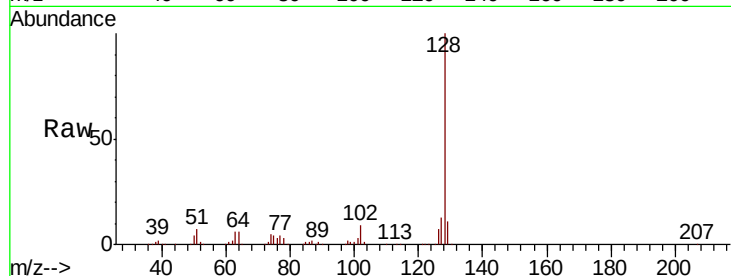
Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion:128 Resp: 159935

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.7  | 10.2  | 15.4  |
| 129 | 10.9  | 8.8   | 13.2  |

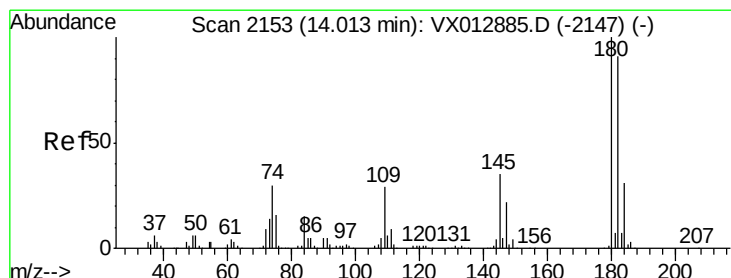
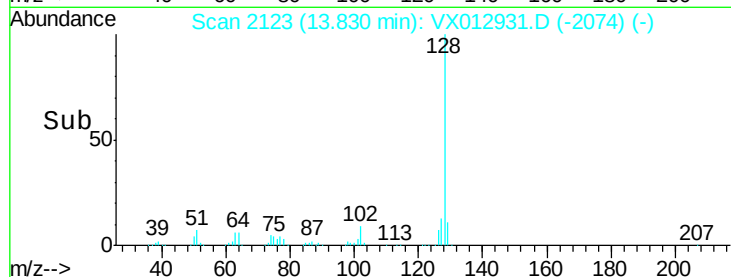
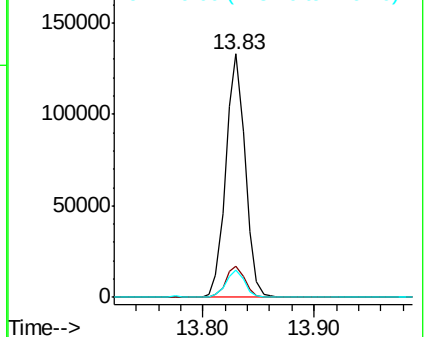


Abundance

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: 19.634 ug/l

RT: 14.01 min Scan# 2153

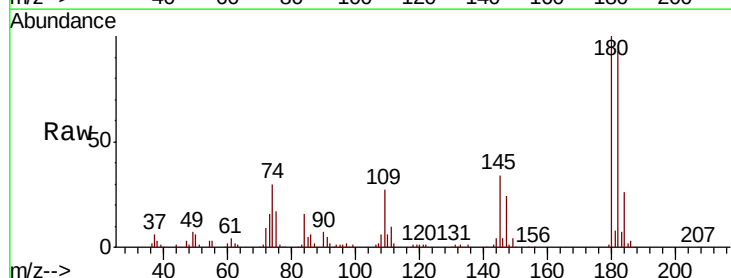
Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion:180 Resp: 49070

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.0  | 47.5  | 142.5 |
| 145 | 35.1  | 17.4  | 52.3  |



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

