

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\  
 Data File : VX014675.D  
 Acq On : 21 Jan 2020 10:42  
 Operator : JC/SP  
 Sample : VX0121WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/22/2020 12:26:43 PM

Quant Time: Jan 22 04:39:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 15:54:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 447535   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 664187   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 609972   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 307433   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 268423   | 53.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.46% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 220148   | 54.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.50% |      |
| 50) Toluene-d8            | 8.71   | 98  | 847167   | 54.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.60% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 299159   | 52.23 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.46% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 109969  | 19.944  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 112070  | 19.645  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.40 | 62  | 130865  | 20.587  | ug/l | 96     |
| 5) Bromomethane               | 1.63 | 94  | 76541   | 18.165  | ug/l | 98     |
| 6) Chloroethane               | 1.72 | 64  | 72190   | 20.069  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 147270  | 20.423  | ug/l | 98     |
| 8) Diethyl Ether              | 2.18 | 74  | 63915   | 19.428  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 89533   | 20.408  | ug/l | 100    |
| 10) Methyl Iodide             | 2.50 | 142 | 103064  | 19.619  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.02 | 59  | 99820   | 95.690  | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 83335   | 18.854  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 55825   | 66.767  | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 153624  | 19.796  | ug/l | 98     |
| 15) Acrylonitrile             | 3.13 | 53  | 260441  | 103.444 | ug/l | 99     |
| 16) Acetone                   | 2.43 | 43  | 270374  | 105.519 | ug/l | 97     |
| 17) Carbon Disulfide          | 2.56 | 76  | 214308  | 17.377  | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 160883  | 22.405  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 292108  | 20.587  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 101298  | 20.155  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 92812   | 19.234  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.84 | 45  | 328178  | 21.883  | ug/l | 92     |
| 23) Vinyl Acetate             | 3.80 | 43  | 1233471 | 106.234 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 172928  | 21.197  | ug/l | 98     |
| 25) 2-Butanone                | 4.65 | 43  | 380872  | 102.059 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 135743  | 19.642  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 105059  | 19.476  | ug/l | 97     |
| 28) Bromochloromethane        | 5.00 | 49  | 71418   | 20.775  | ug/l | 95     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 229657  | 104.085 | ug/l | 98     |
| 30) Chloroform                | 5.20 | 83  | 169272  | 21.233  | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 153414  | 20.090  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 137150  | 20.099  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 124354  | 19.909  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.81 | 43  | 140808  | 20.754  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 119441  | 20.780  | ug/l | 98     |

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 Operator : JC/SP  
 Sample : VX0121WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0121WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/22/2020 12:26:43 PM

Quant Time: Jan 22 04:39:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 15:54:41 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 152717   | 19.461  | ug/l   | 98       |
| 40) Benzene                    | 6.13  | 78   | 389568   | 21.014  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.02  | 41   | 76627    | 21.179  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 136154   | 21.006  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 227686   | 20.774  | ug/l   | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 107865   | 20.247  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 105202   | 22.259  | ug/l   | 98       |
| 46) Dibromomethane             | 7.65  | 93   | 66047    | 20.022  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.89  | 83   | 126833   | 21.130  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 110168   | 20.988  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 43532    | 391.385 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 726698   | 108.809 | ug/l   | 98       |
| 52) Toluene                    | 8.78  | 92   | 243272   | 20.500  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 139935   | 20.024  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 157127   | 20.814  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 102890   | 21.586  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 150903   | 20.664  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 168977   | 21.202  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 249339   | 100.354 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 570559   | 107.969 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 101495   | 21.185  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 105931   | 20.980  | ug/l   | 96       |
| 64) Tetrachloroethene          | 9.33  | 164  | 113894   | 18.631  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 264290   | 19.966  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 96685    | 20.467  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 457813   | 20.291  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 349189   | 40.116  | ug/l   | 97       |
| 69) o-Xylene                   | 10.70 | 106  | 166627   | 20.063  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 289911   | 20.227  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 73559    | 19.032  | ug/l   | 98       |
| 73) Isopropylbenzene           | 11.01 | 105  | 453134   | 20.990  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 193010   | 20.265  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 149009   | 21.523  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 124913m  | 19.638  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 117731   | 19.665  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 515855   | 20.864  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 305636   | 20.742  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 379154   | 21.154  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 46666    | 19.396  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 351265   | 20.308  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 353998   | 20.903  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 382459   | 21.117  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 442793   | 21.032  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 408938   | 20.932  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 205014   | 19.081  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 206992   | 20.156  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 346336   | 19.389  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 70585    | 20.569  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 210864   | 20.031  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 31490    | 20.221  | ug/l   | 92       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\  
Data File : VX014675.D  
Acq On : 21 Jan 2020 10:42  
Operator : JC/SP  
Sample : VX0121WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

Manual Integrations  
APPROVED

MMDadoda  
1/22/2020 12:26:43 PM

Quant Time: Jan 22 04:39:24 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 07 15:54:41 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 139878   | 18.863 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 72991    | 21.129 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 404886   | 17.656 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 141390   | 19.334 | ug/l  | 99       |

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

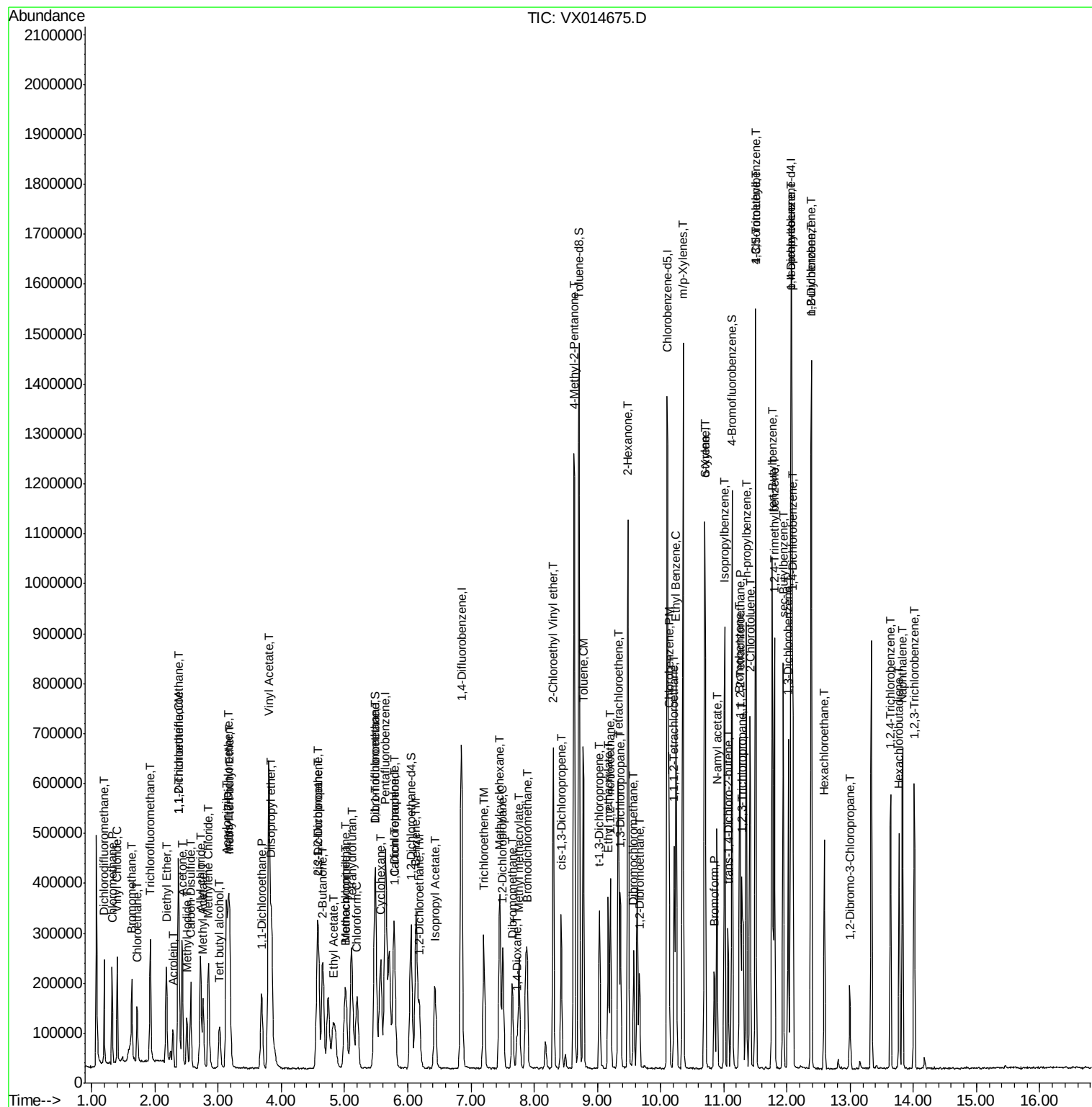
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 Data File : VX014675.D  
 Acq On : 21 Jan 2020 10:42  
 Operator : JC/SP  
 Sample : VX0121WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

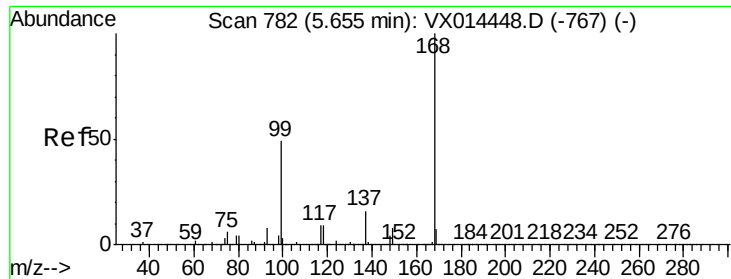
Instrument :  
 MSVOA\_X  
 Client Sampled :  
 VX0121WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/22/2020 12:26:43 PM

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 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 15:54:41 2020  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion:168 Resp: 447535

Ion Ratio Lower Upper

168 100

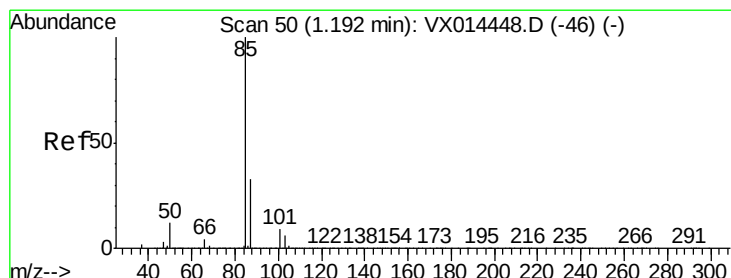
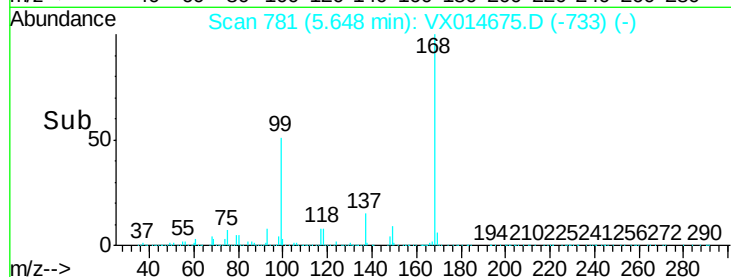
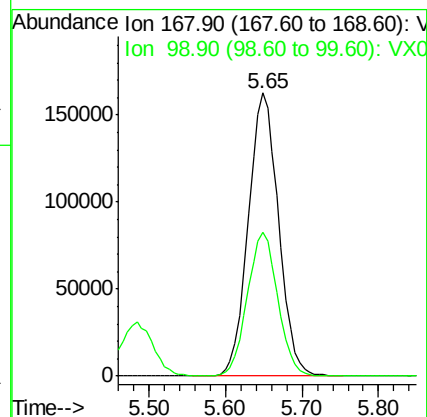
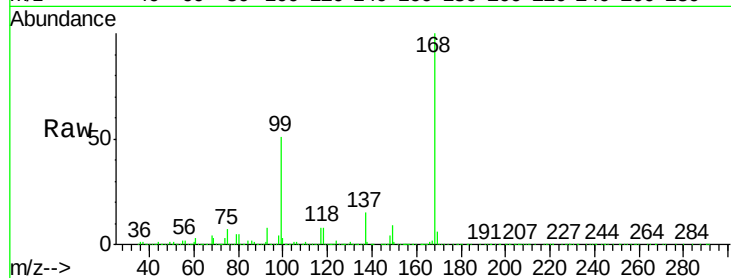
99 50.5 39.2 58.8

Manual Integrations

APPROVED

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1/22/2020 12:26:43 PM



#2

Dichlorodifluoromethane

Concen: 19.944 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014675.D

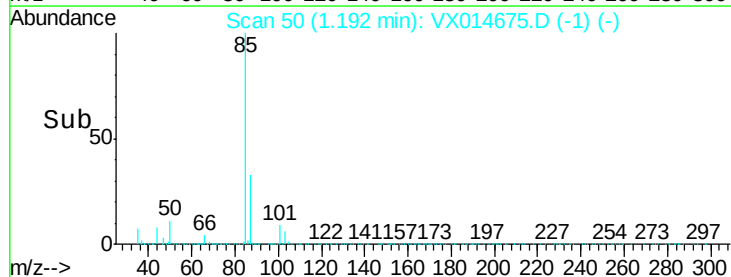
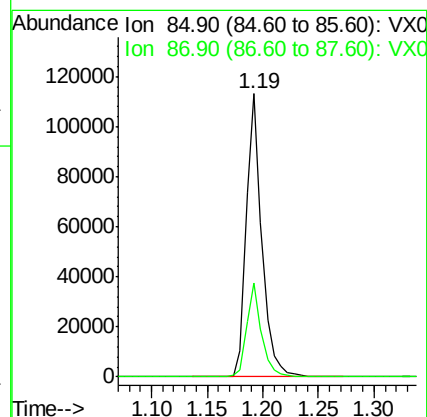
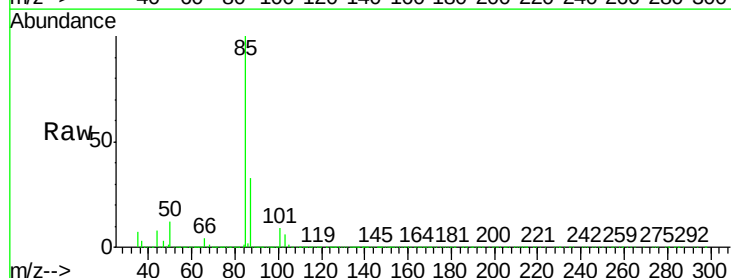
Acq: 21 Jan 2020 10:42

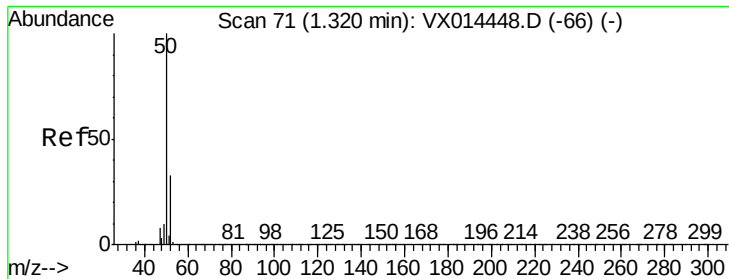
Tgt Ion: 85 Resp: 109969

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5





#3

Chloromethane

Concen: 19.645 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion: 50 Resp: 112070

Ion Ratio Lower Upper

50 100

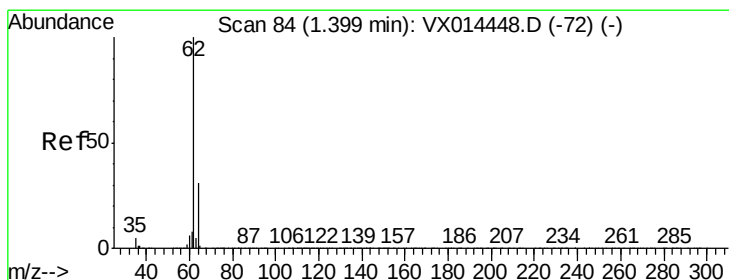
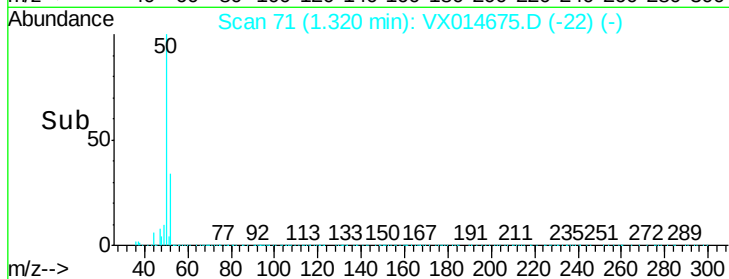
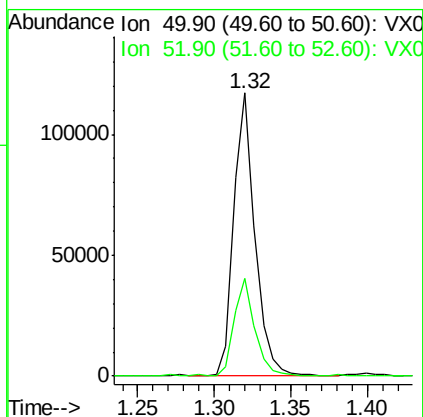
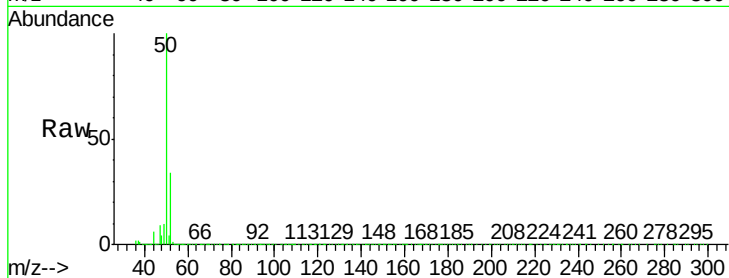
52 34.3 26.1 39.1

Manual Integrations

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1/22/2020 12:26:43 PM



#4

Vinyl Chloride

Concen: 20.587 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014675.D

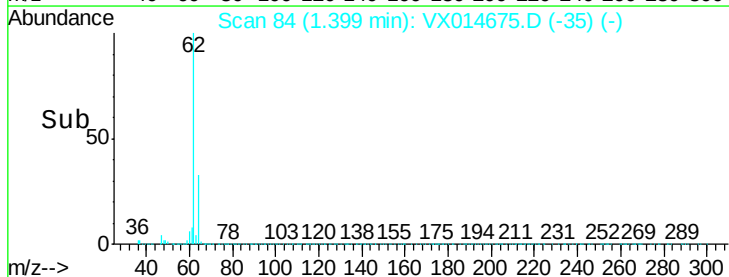
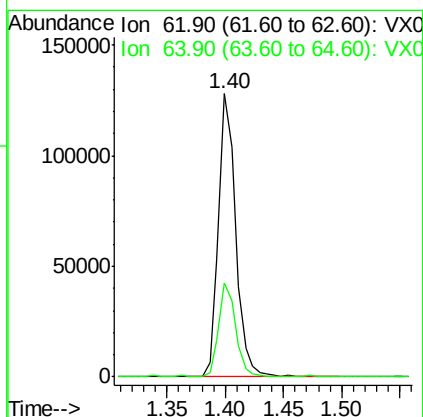
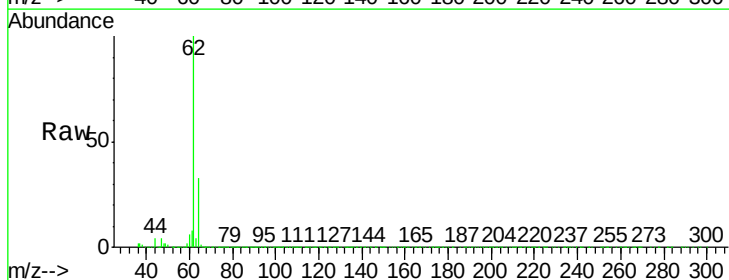
Acq: 21 Jan 2020 10:42

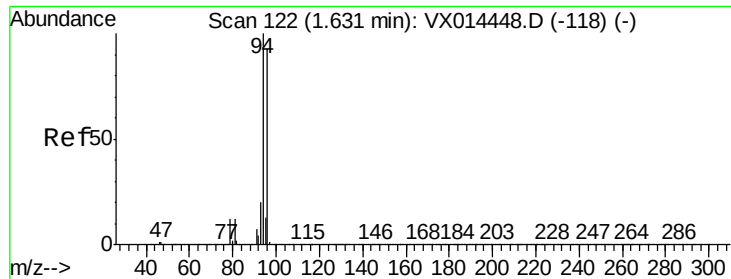
Tgt Ion: 62 Resp: 130865

Ion Ratio Lower Upper

62 100

64 33.1 24.6 37.0





#5

Bromomethane

Concen: 18.165 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion: 94 Resp: 76541

Ion Ratio Lower Upper

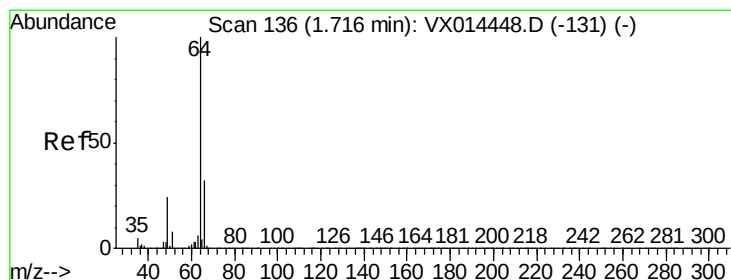
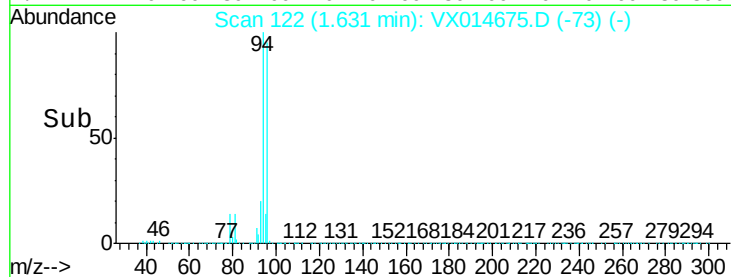
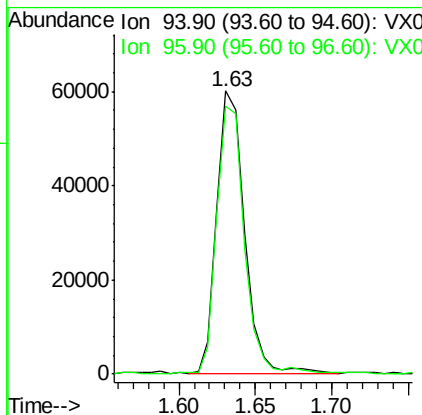
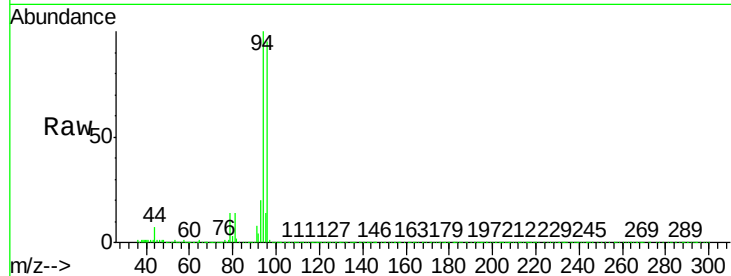
94 100

96 94.5 74.2 111.2

Manual Integrations  
APPROVED

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1/22/2020 12:26:43 PM



#6

Chloroethane

Concen: 20.069 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014675.D

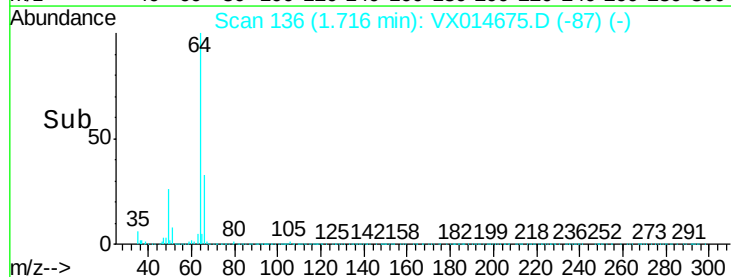
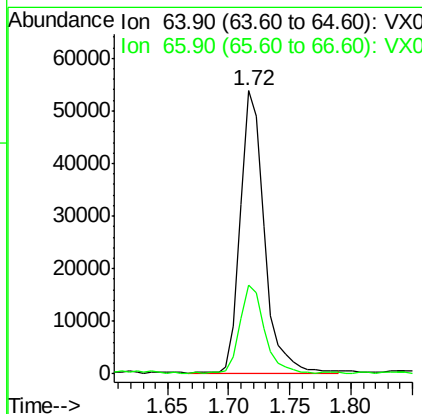
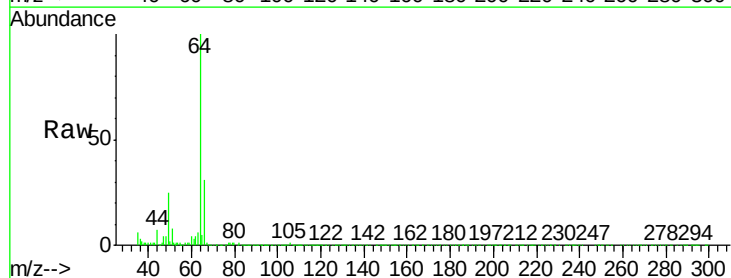
Acq: 21 Jan 2020 10:42

Tgt Ion: 64 Resp: 72190

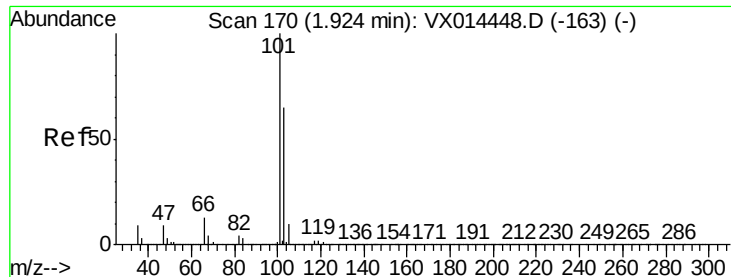
Ion Ratio Lower Upper

64 100

66 31.1 25.3 37.9







#7

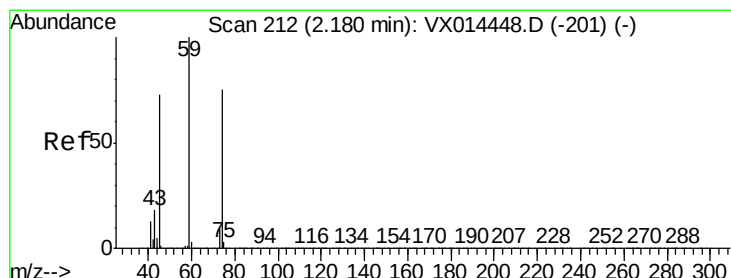
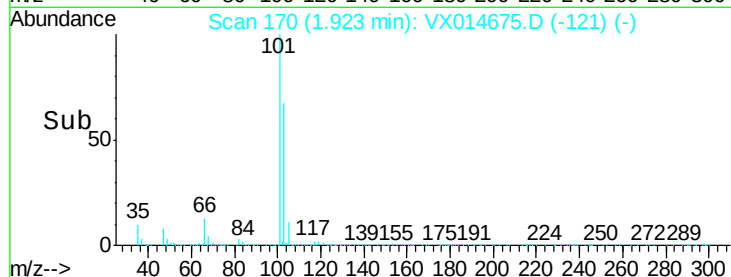
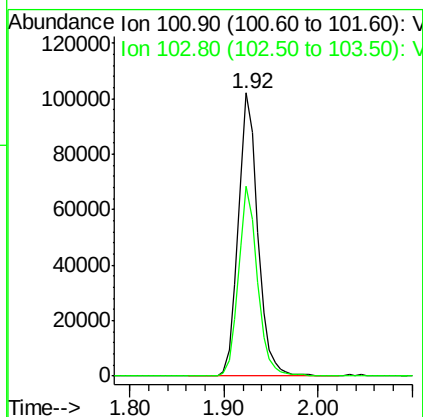
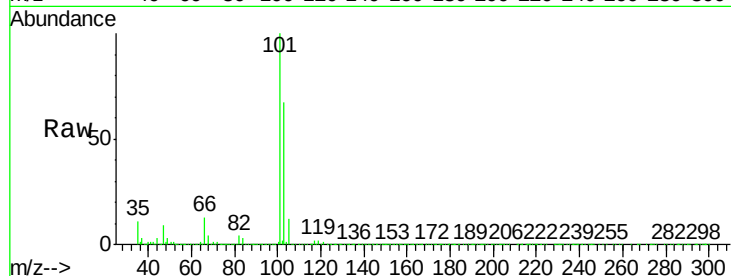
Trichlorofluoromethane  
Concen: 20.423 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 67.2  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

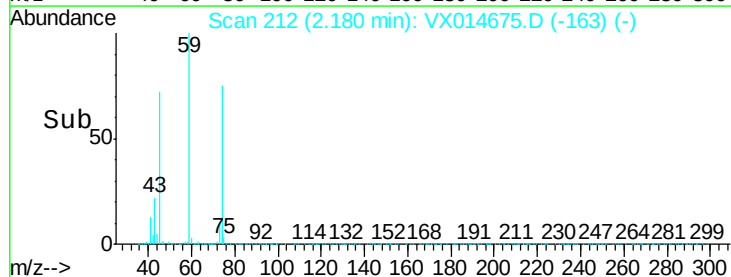
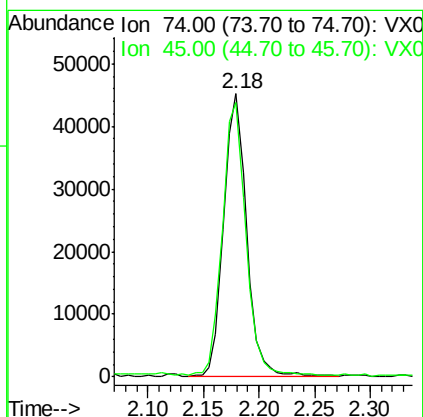
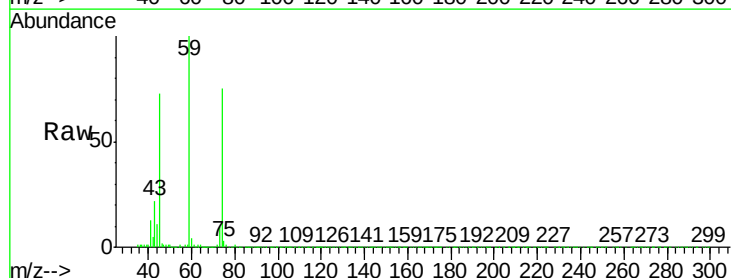
MMDadoda  
1/22/2020 12:26:43 PM



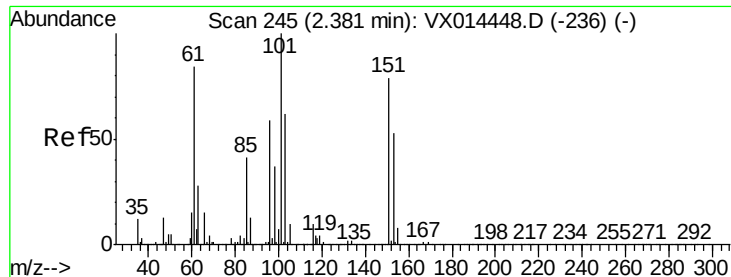
#8

Diethyl Ether  
Concen: 19.428 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.3  | 48.7  | 146.1 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.408 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

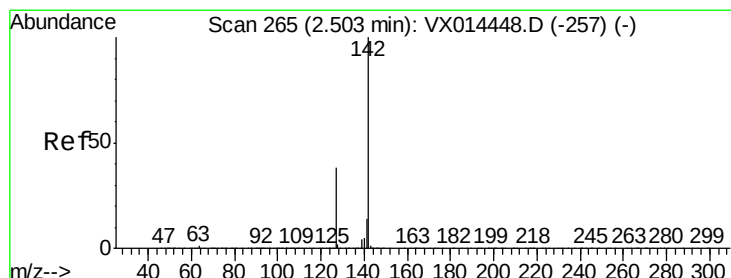
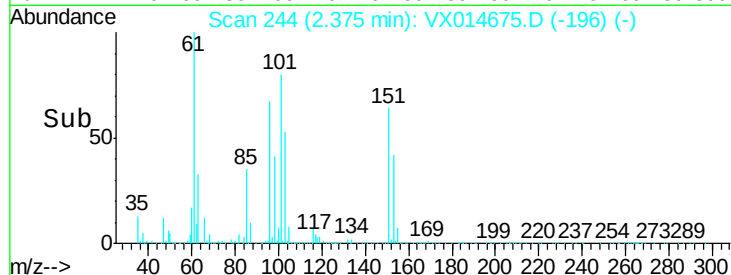
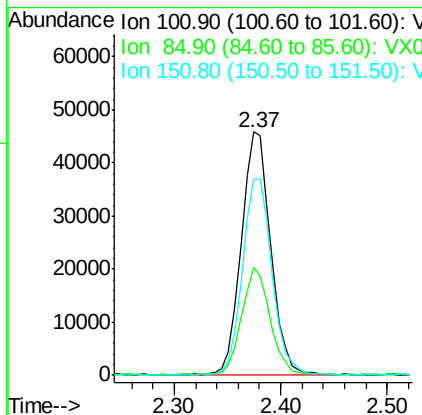
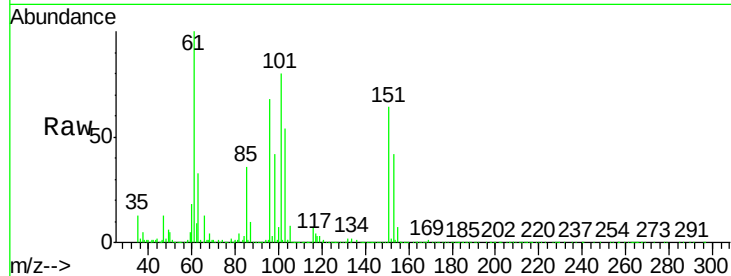
ClientSampleId :

VX0121WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 89533 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.3  | 33.8  | 50.8  |
| 151       | 81.4  | 65.3  | 97.9  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 19.619 ug/l

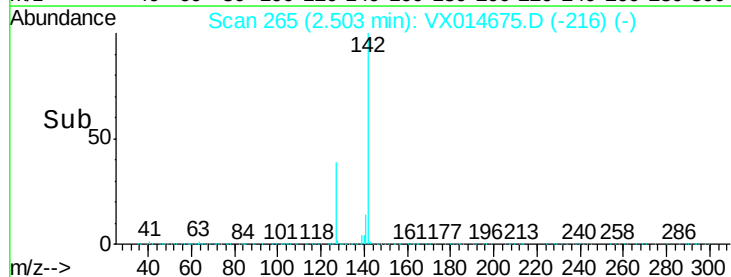
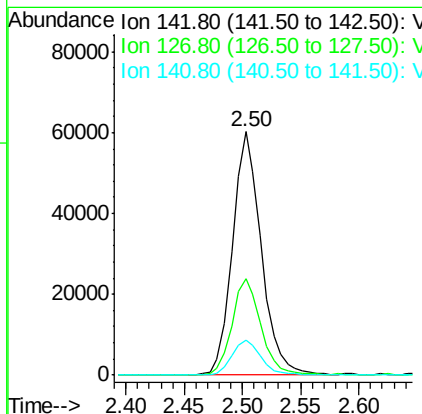
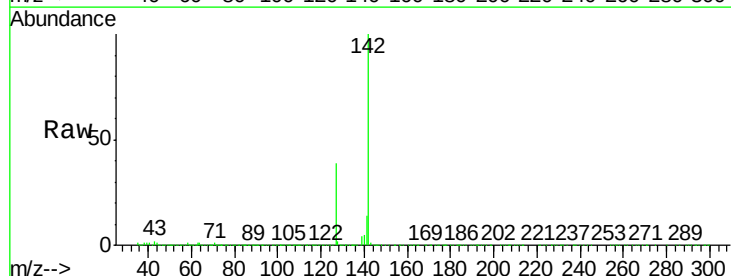
RT: 2.50 min Scan# 265

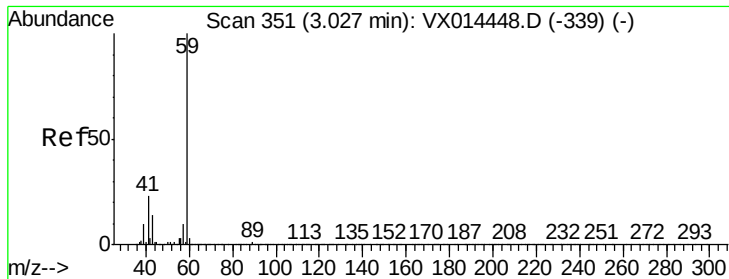
Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 103064 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.2  | 31.2  | 46.8   |
| 141       | 15.0  | 11.4  | 17.2   |





#11

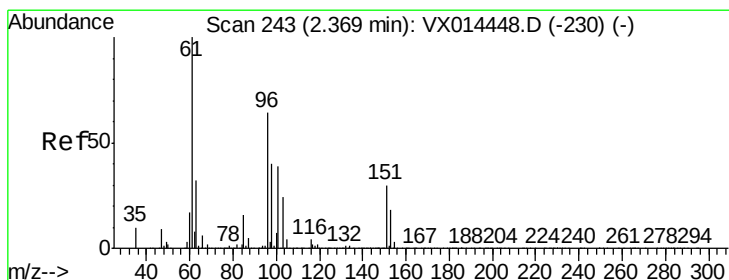
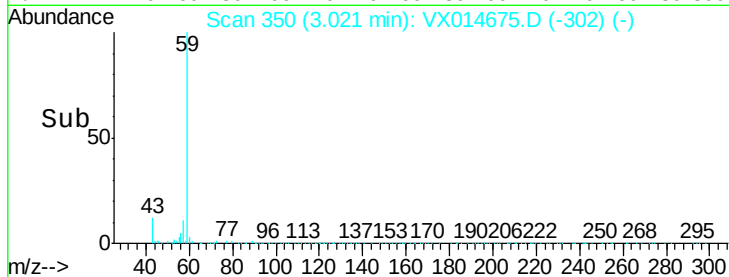
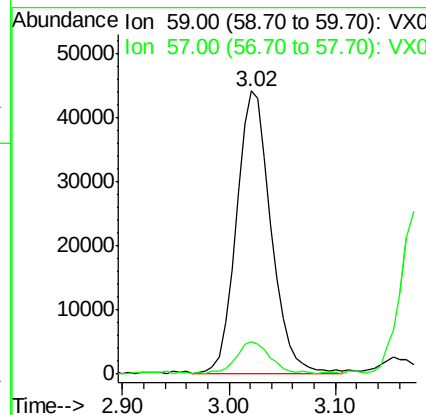
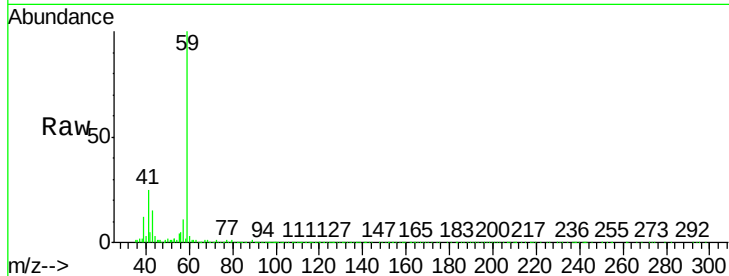
Tert butyl alcohol  
Concen: 95.690 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.3  | 8.5   | 12.7  |

Manual Integrations  
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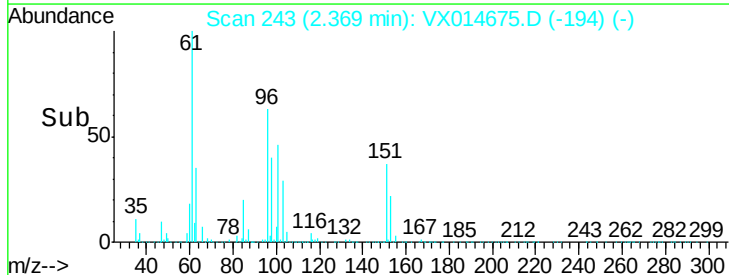
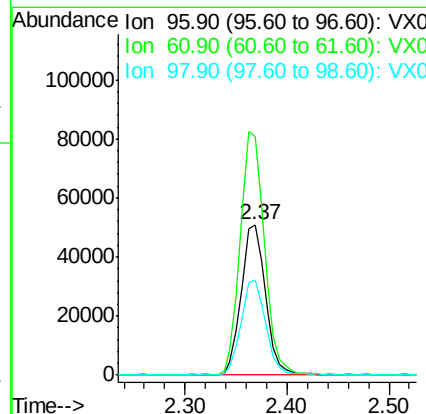
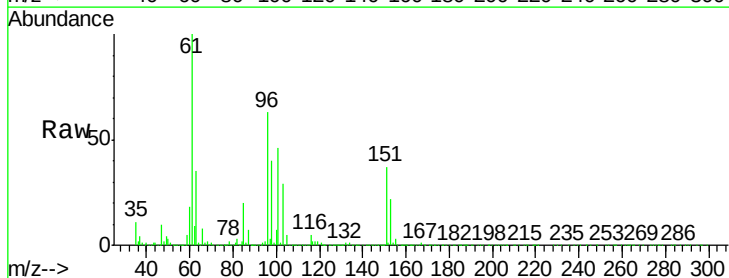
MMDadoda  
1/22/2020 12:26:43 PM

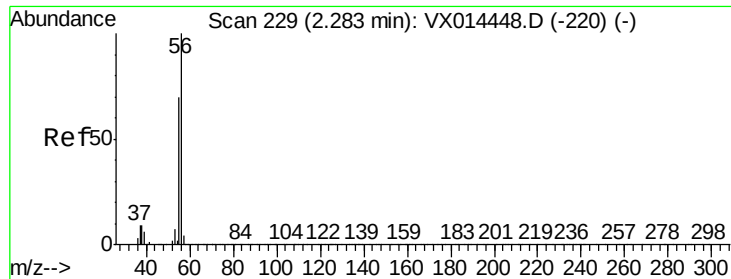


#12

1,1-Dichloroethene  
Concen: 18.854 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 158.6 | 125.0 | 187.6 |
| 98      | 63.1  | 50.2  | 75.2  |





#13

Acrolein

Concen: 66.767 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion: 56 Resp: 55825

Ion Ratio Lower Upper

56 100

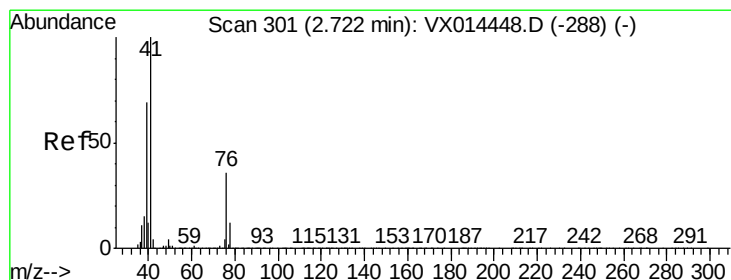
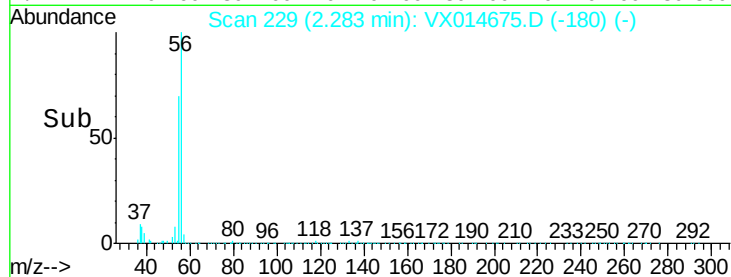
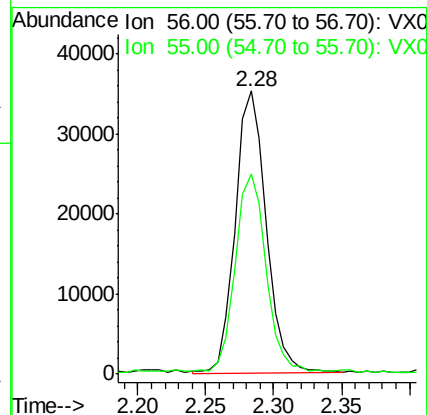
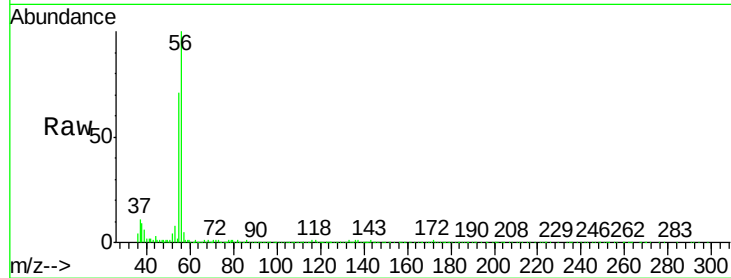
55 68.3 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.796 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

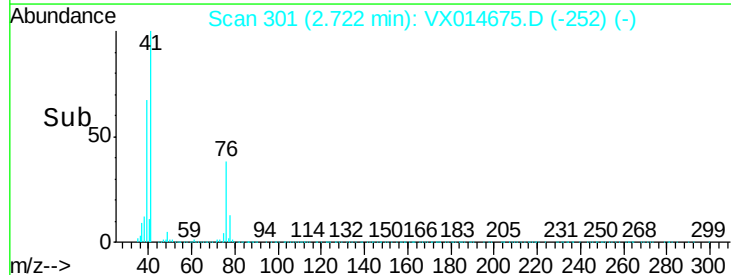
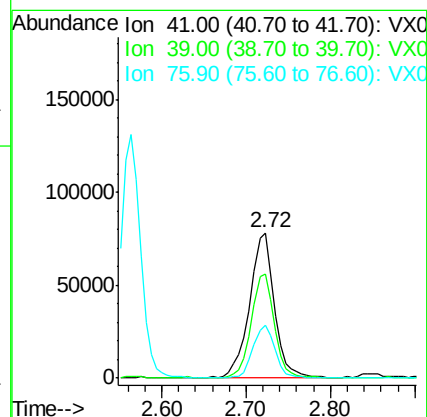
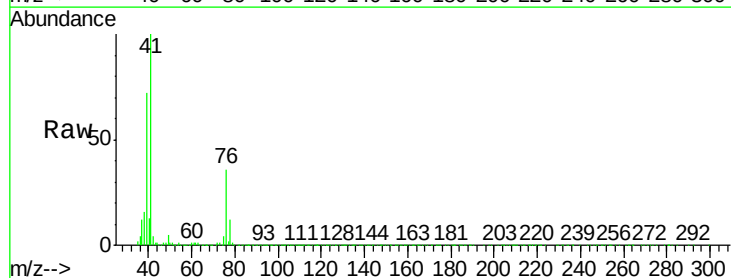
Tgt Ion: 41 Resp: 153624

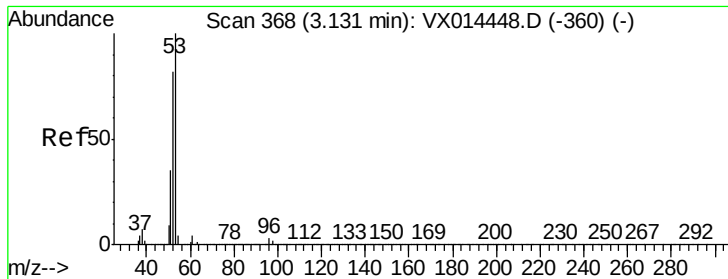
Ion Ratio Lower Upper

41 100

39 65.8 51.7 77.5

76 31.8 26.8 40.2





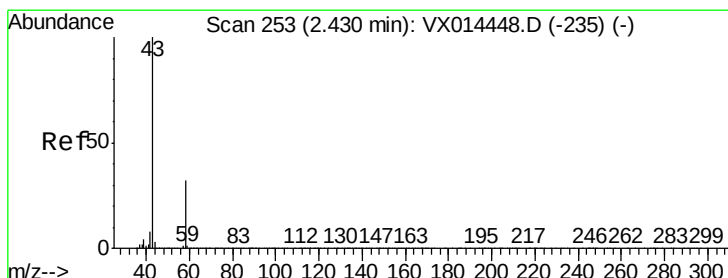
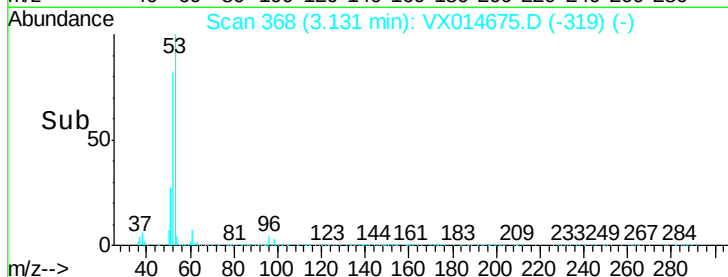
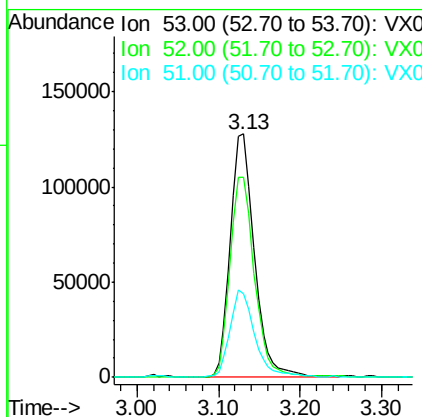
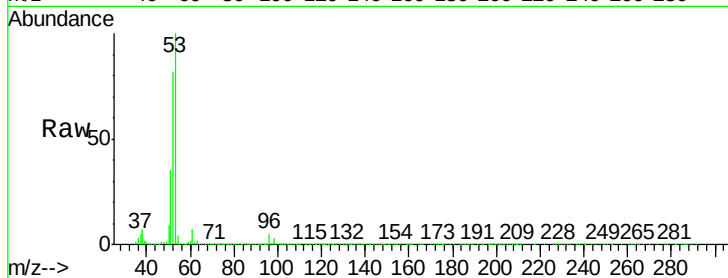
#15  
 Acrylonitrile  
 Concen: 103.444 ug/l  
 RT: 3.13 min Scan# 368  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

| Tot Ion   | 53    | Resp  | 260441 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.0  | 67.0  | 100.4  |
| 51        | 36.3  | 28.5  | 42.7   |

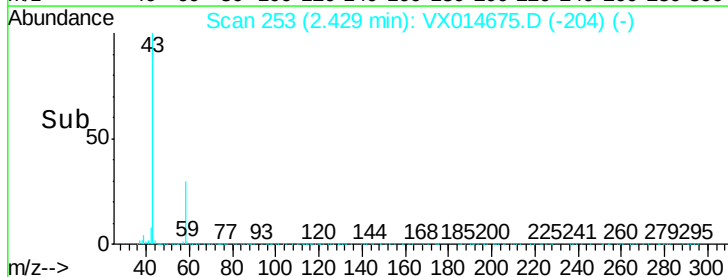
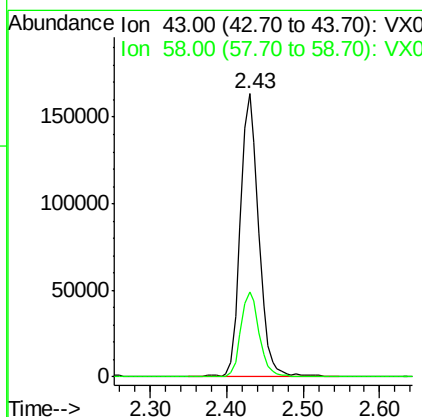
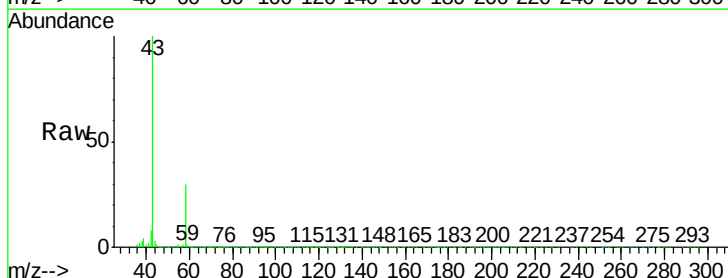
Manual Integrations  
 APPROVED

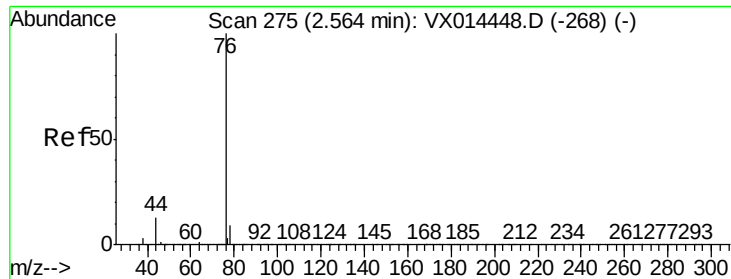
MMDadoda  
 1/22/2020 12:26:43 PM



#16  
 Acetone  
 Concen: 105.519 ug/l  
 RT: 2.43 min Scan# 253  
 Delta R.T. 0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

| Tgt Ion   | 43    | Resp  | 270374 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.1  | 25.4  | 38.0   |





#17

Carbon Disulfide

Concen: 17.377 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion: 76 Resp: 214308

Ion Ratio Lower Upper

76 100

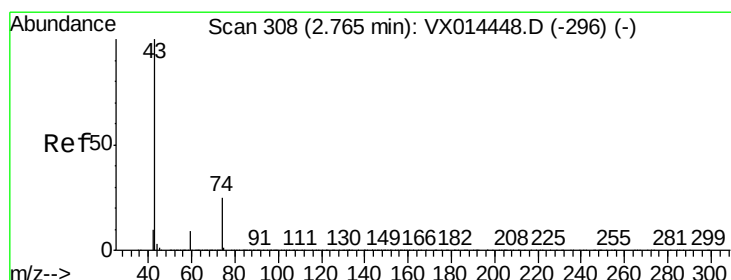
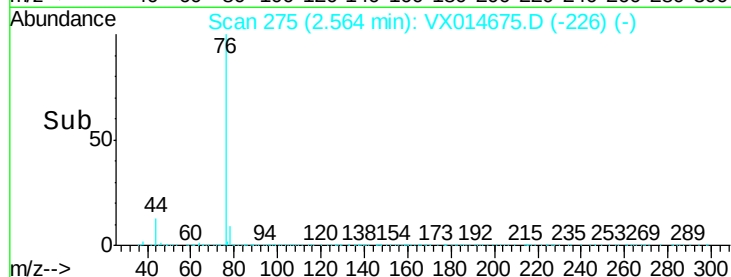
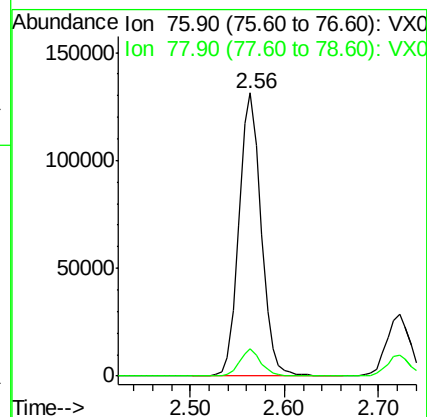
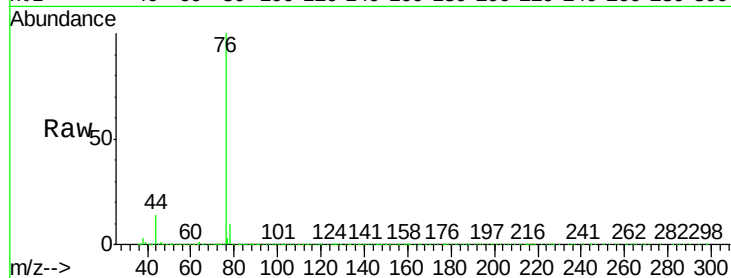
78 9.5 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 22.405 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014675.D

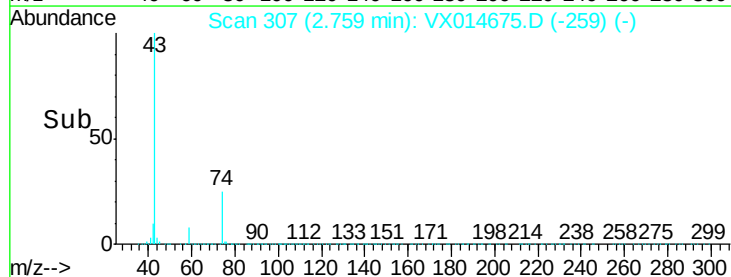
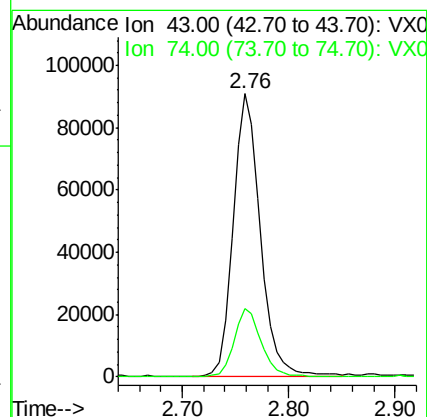
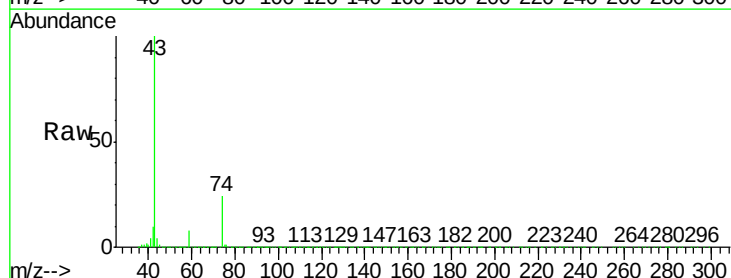
Acq: 21 Jan 2020 10:42

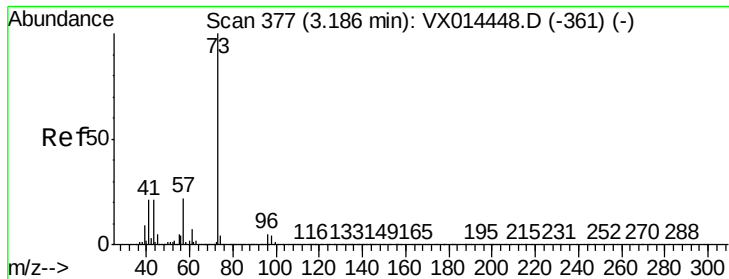
Tgt Ion: 43 Resp: 160883

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.2





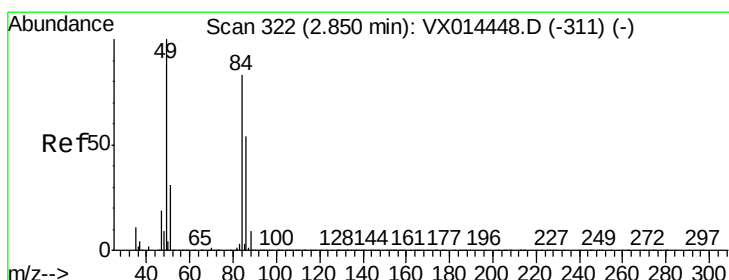
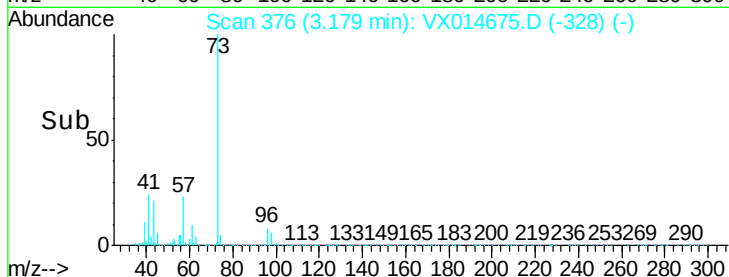
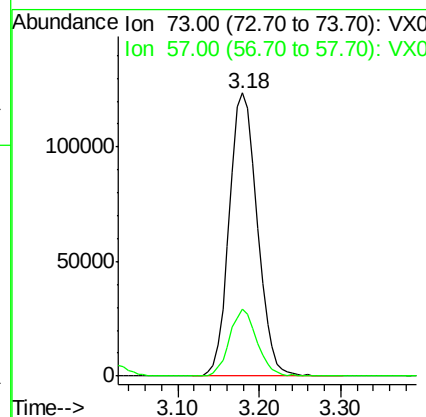
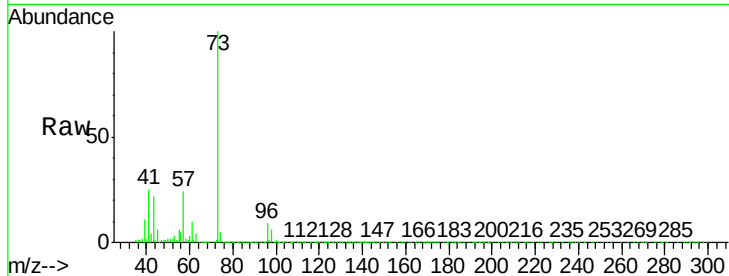
#19  
Methyl tert-butyl Ether  
Concen: 20.587 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.2  | 17.8  | 26.8  |

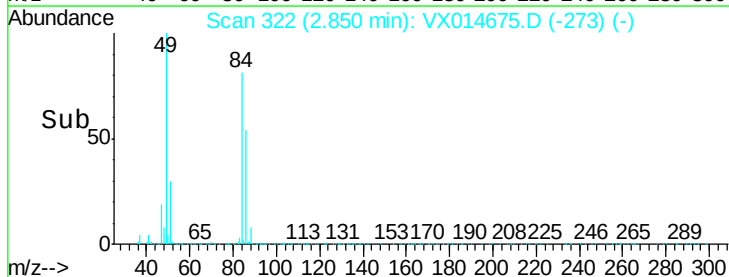
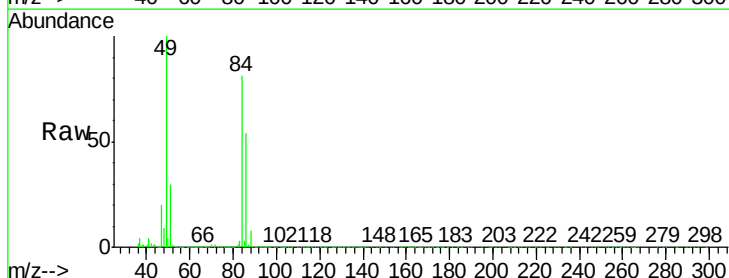
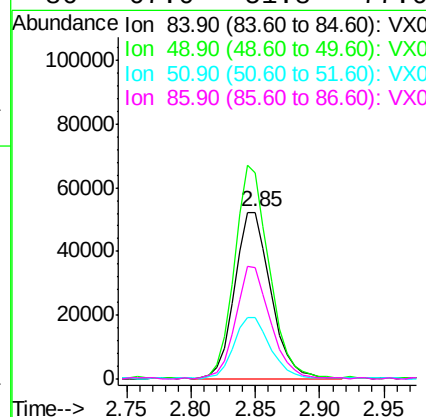
Manual Integrations  
APPROVED

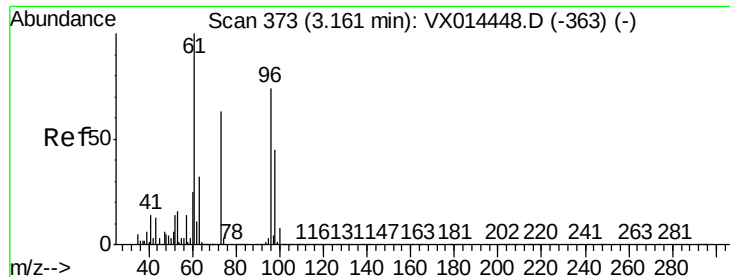
MMDadoda  
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#20  
Methylene Chloride  
Concen: 20.155 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 123.5 | 95.8  | 143.8 |
| 51      | 36.2  | 30.2  | 45.4  |
| 86      | 67.0  | 51.8  | 77.6  |





#21

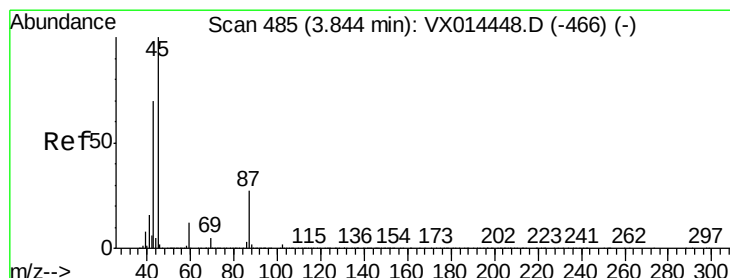
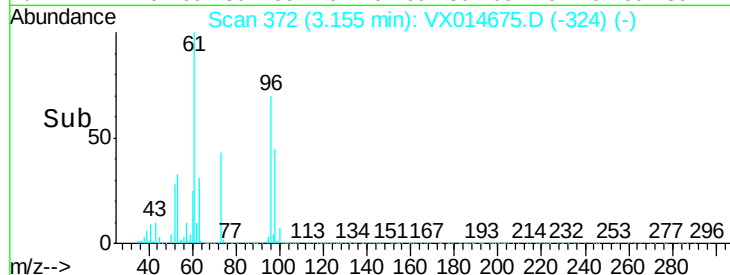
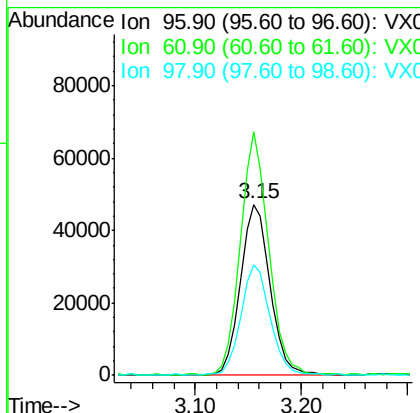
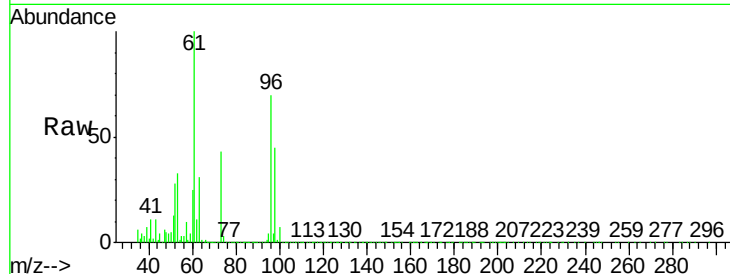
trans-1,2-Dichloroethene  
Concen: 19.234 ug/l  
RT: 3.15 min Scan# 372  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.6 | 108.2 | 162.4 |
| 98      | 64.1  | 48.8  | 73.2  |

Manual Integrations  
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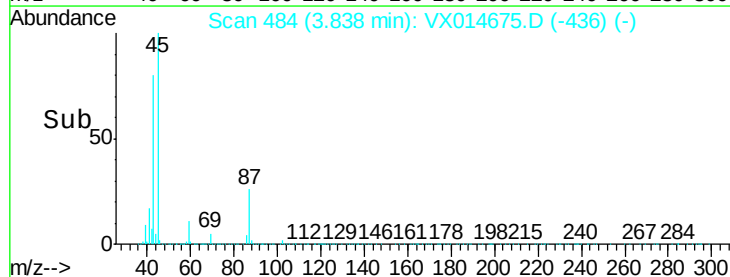
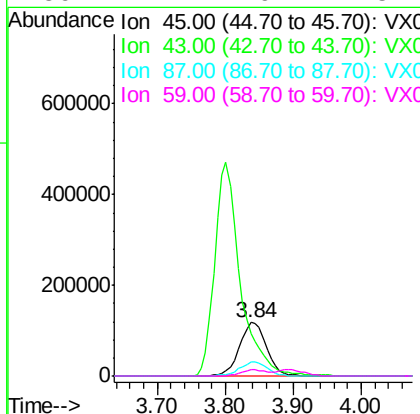
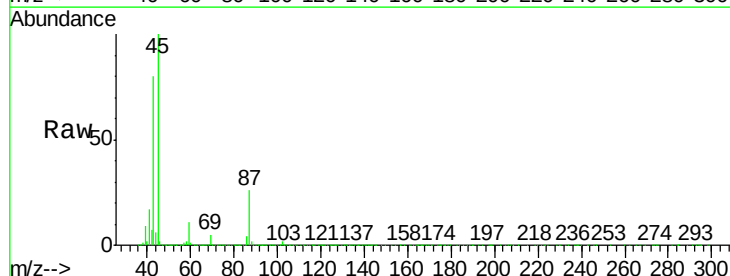
MMDadoda  
1/22/2020 12:26:43 PM



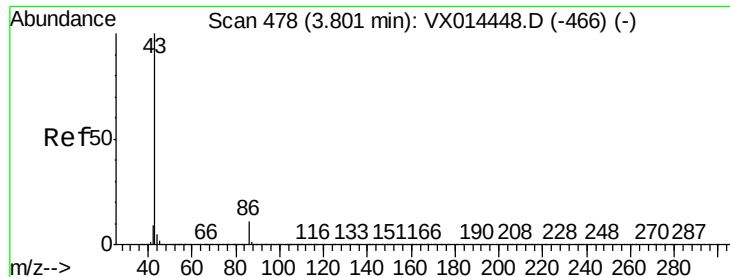
#22

Diisopropyl ether  
Concen: 21.883 ug/l  
RT: 3.84 min Scan# 484  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 79.7  | 55.8  | 83.6  |
| 87      | 26.4  | 21.8  | 32.8  |
| 59      | 11.1  | 9.1   | 13.7  |







#23

Vinyl Acetate

Concen: 106.234 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleID :

VX0121WBS01

Tot Ion: 43 Resp: 1233471

Ion Ratio Lower Upper

43 100

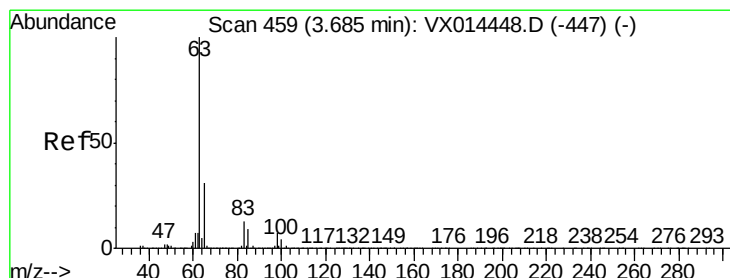
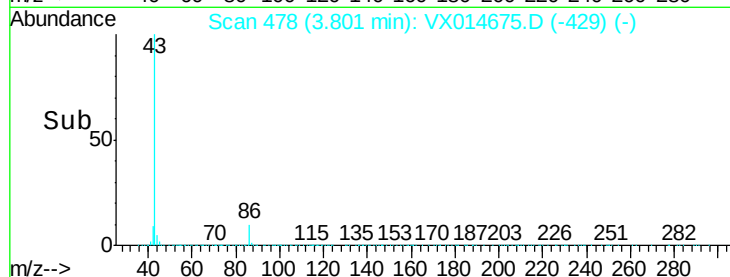
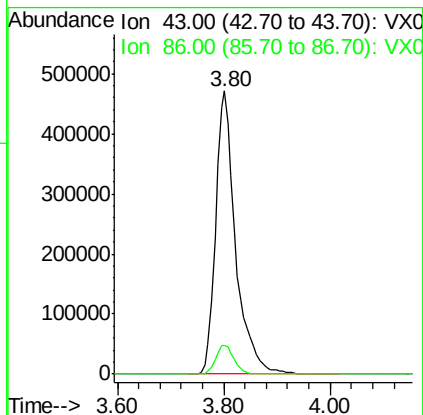
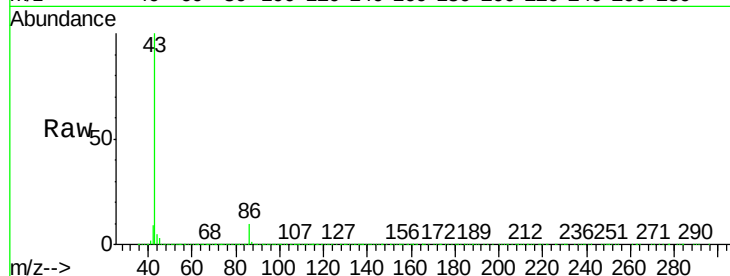
86 10.2 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.197 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

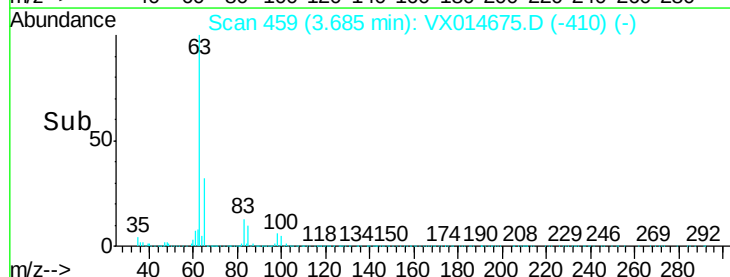
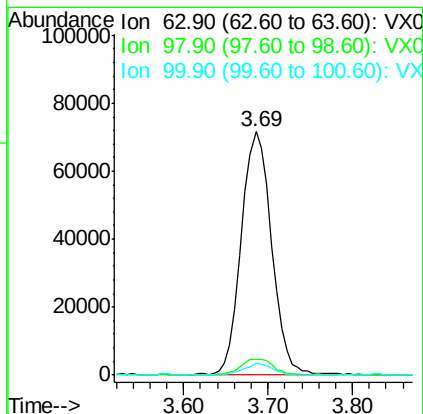
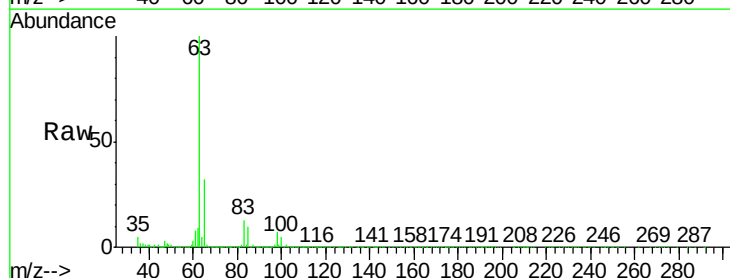
Tgt Ion: 63 Resp: 172928

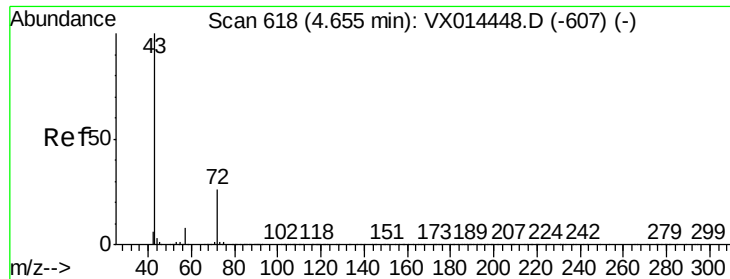
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

100 4.9 2.3 6.8





#25

2-Butanone

Concen: 102.059 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion: 43 Resp: 380872

Ion Ratio Lower Upper

43 100

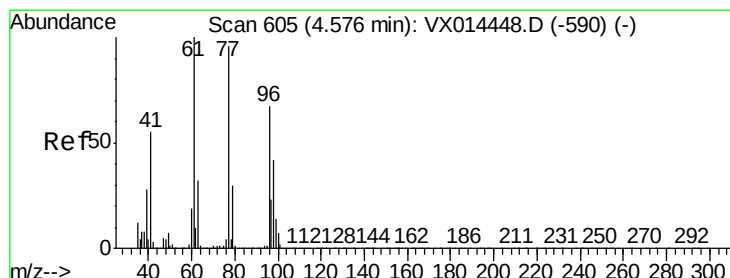
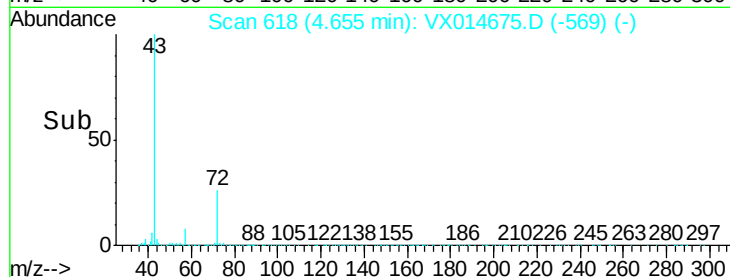
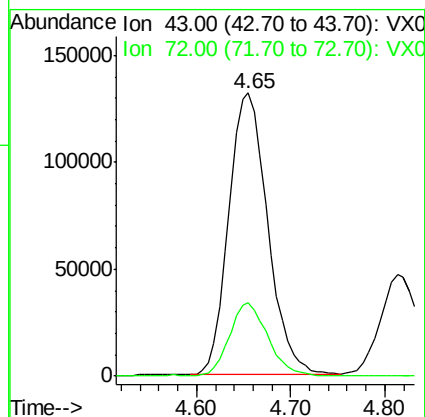
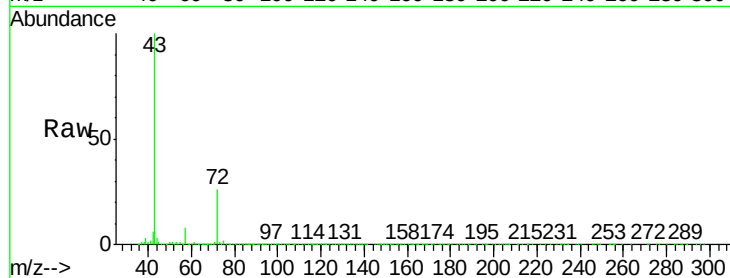
72 25.9 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.642 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014675.D

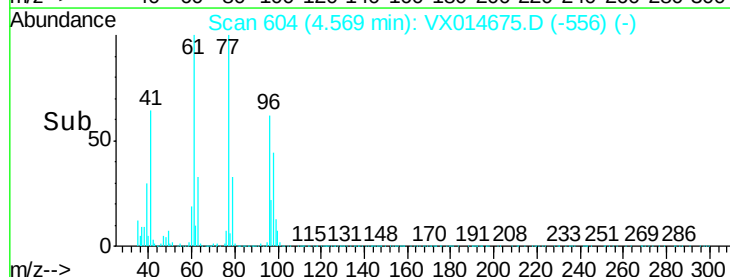
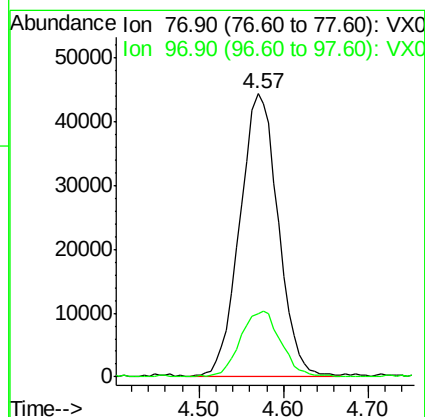
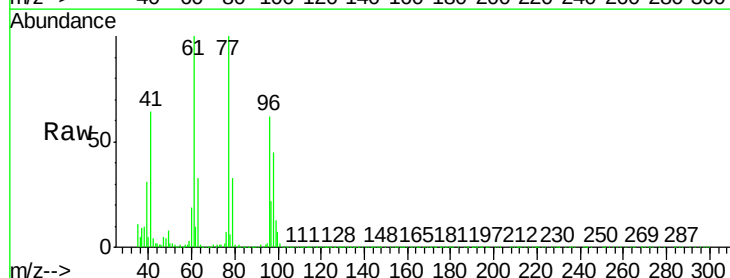
Acq: 21 Jan 2020 10:42

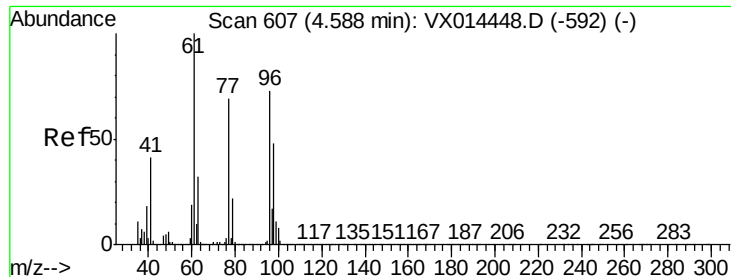
Tgt Ion: 77 Resp: 135743

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1





#27

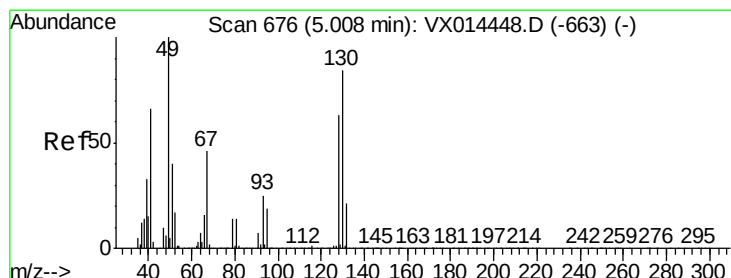
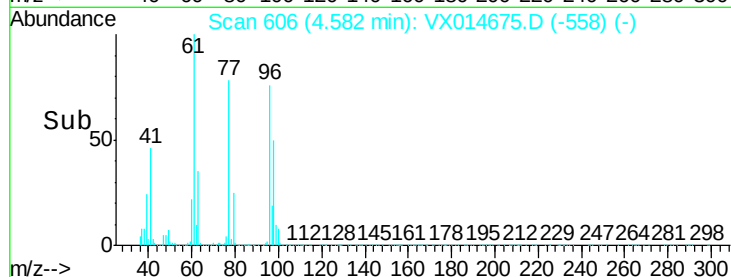
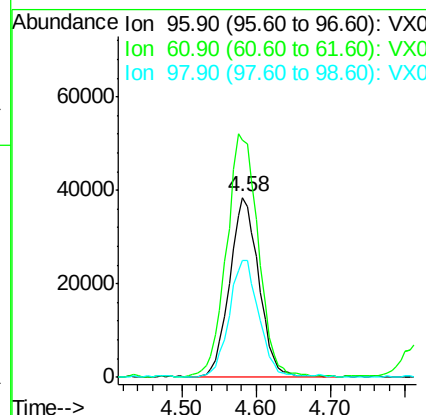
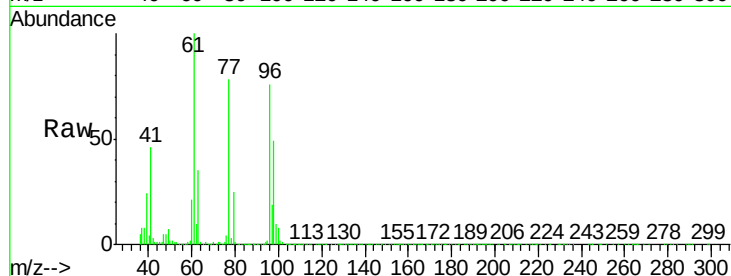
cis-1,2-Dichloroethene  
Concen: 19.476 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 146.2 | 0.0  | 285.4 |       |
| 98      | 66.8  | 0.0  | 130.6 |       |

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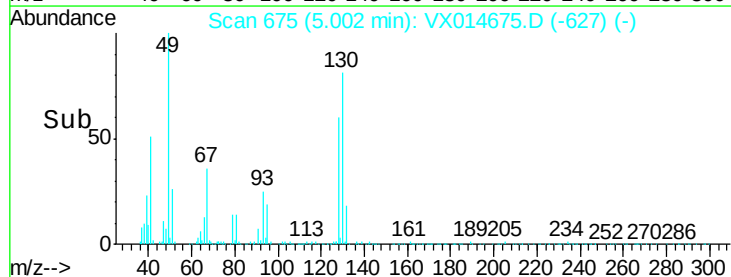
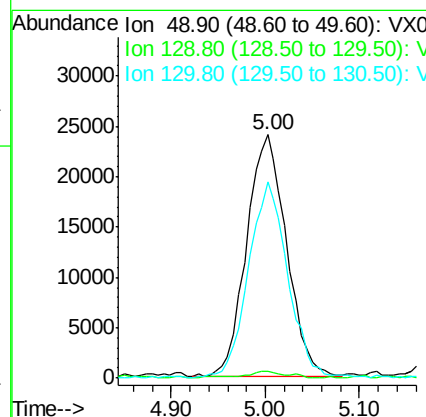
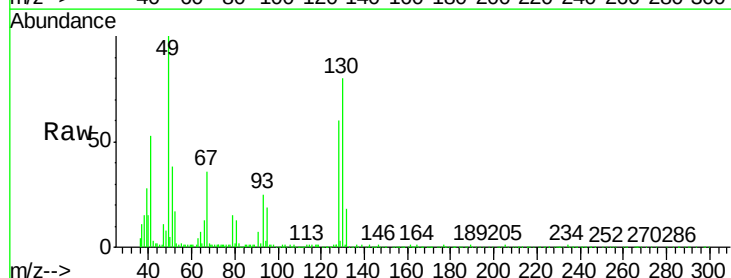
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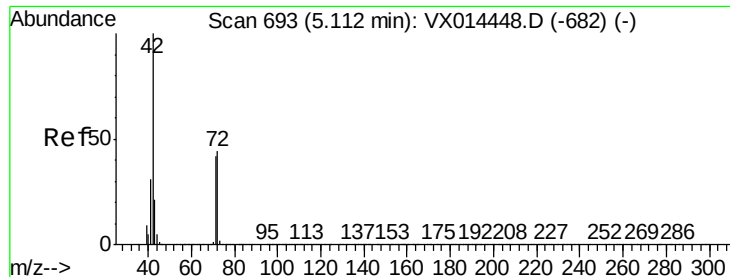


#28

Bromochloromethane  
Concen: 20.775 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.8   | 0.0  | 4.4   |       |
| 130     | 79.2  | 67.0 | 100.4 |       |





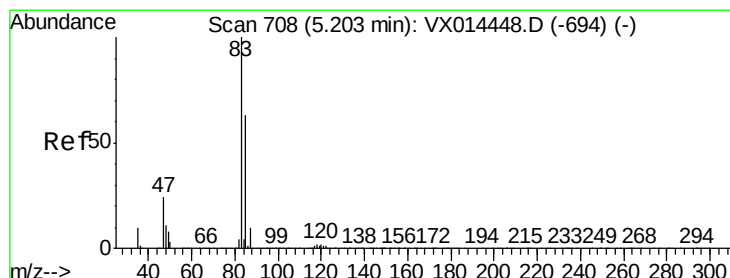
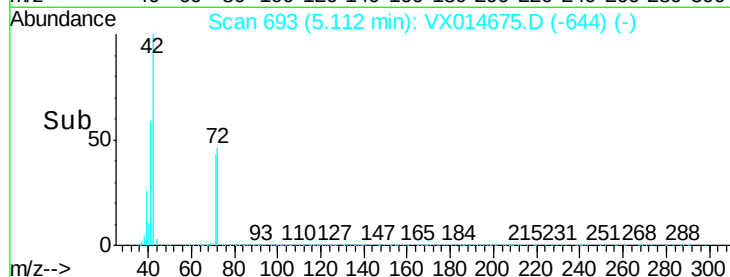
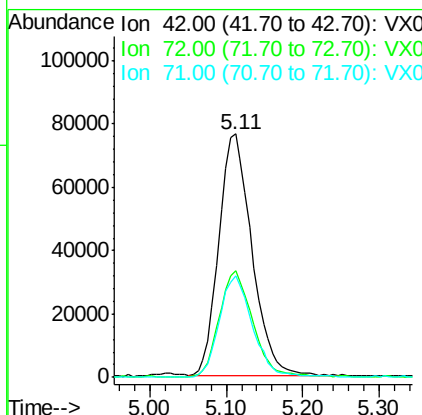
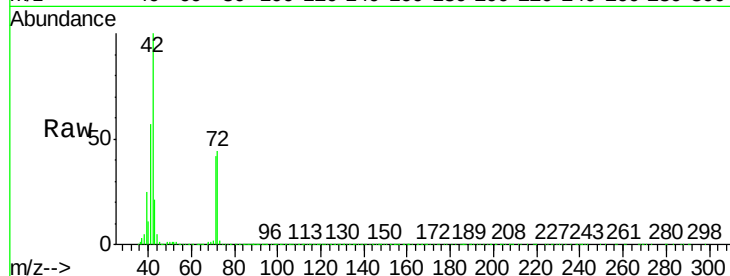
#29  
Tetrahydrofuran  
Concen: 104.085 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.4  | 36.2  | 54.4  |
| 71      | 41.3  | 34.1  | 51.1  |

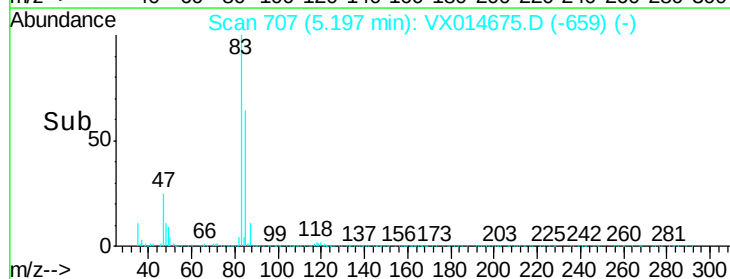
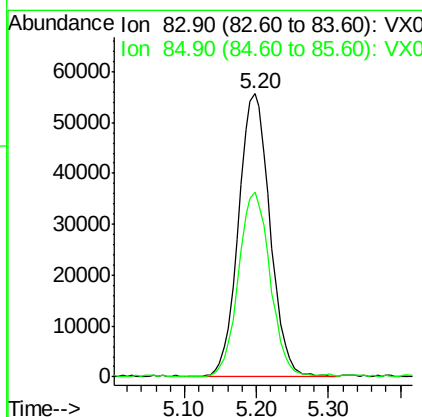
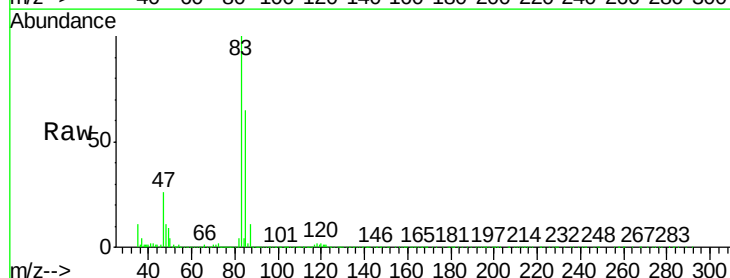
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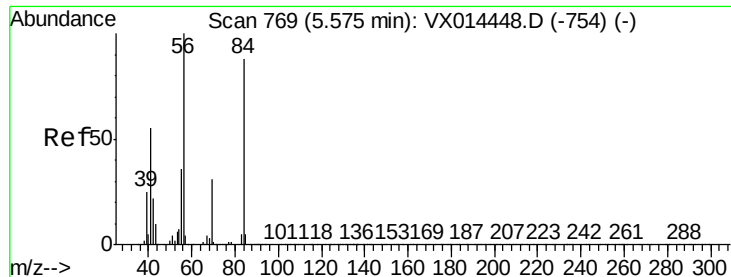
MMDadoda  
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#30  
Chloroform  
Concen: 21.233 ug/l  
RT: 5.20 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.2  | 50.6  | 75.8  |





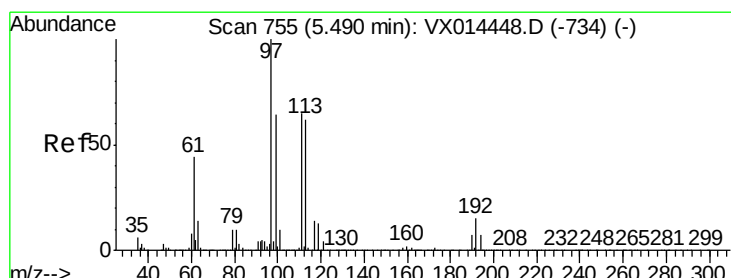
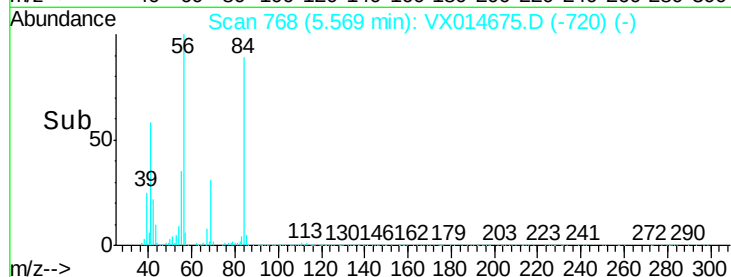
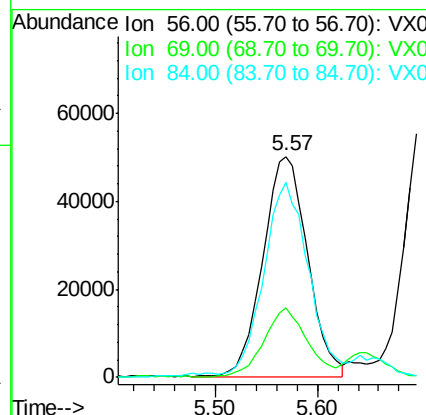
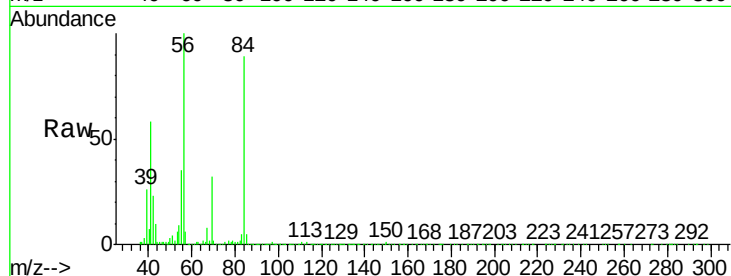
#31  
Cyclohexane  
Concen: 20.090 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.4  | 24.4  | 36.6  |
| 84      | 86.7  | 70.6  | 106.0 |

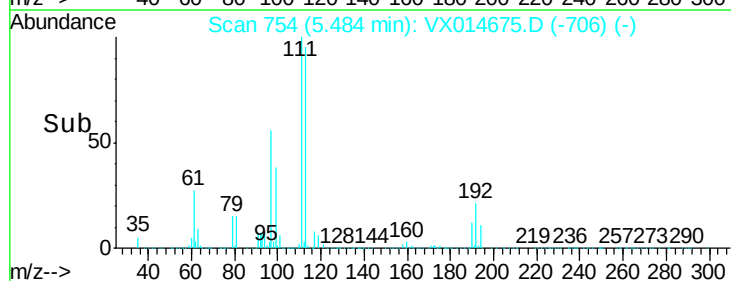
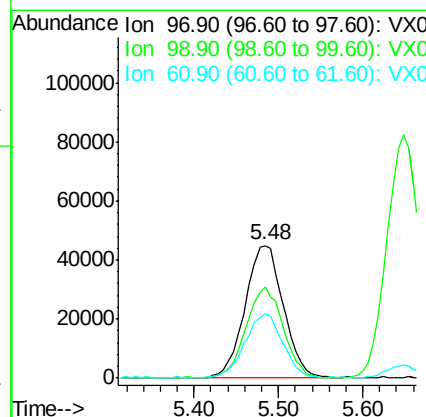
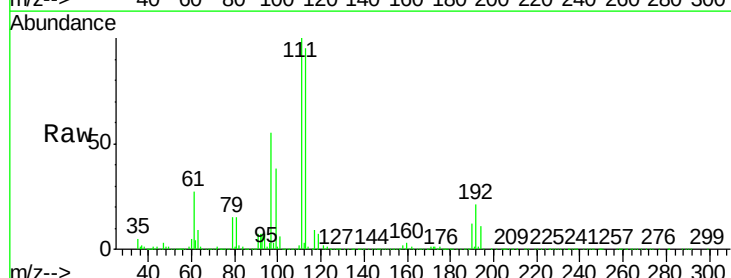
Manual Integrations  
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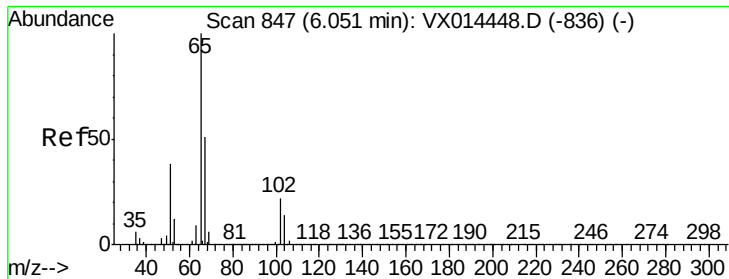
MMDadoda  
1/22/2020 12:26:43 PM



#32  
1,1,1-Trichloroethane  
Concen: 20.099 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 66.9  | 51.8  | 77.6  |
| 61      | 47.6  | 35.9  | 53.9  |





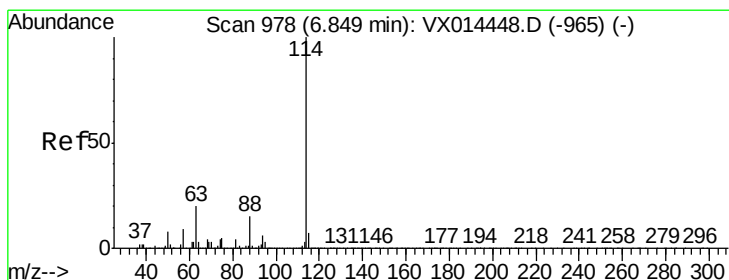
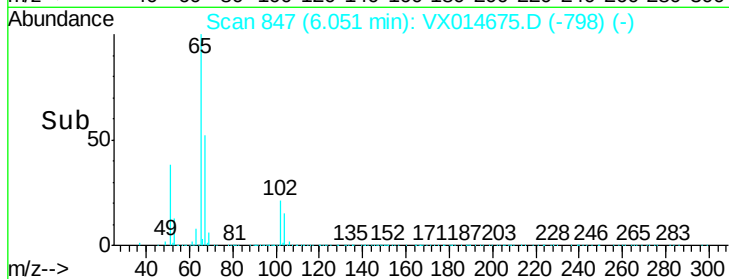
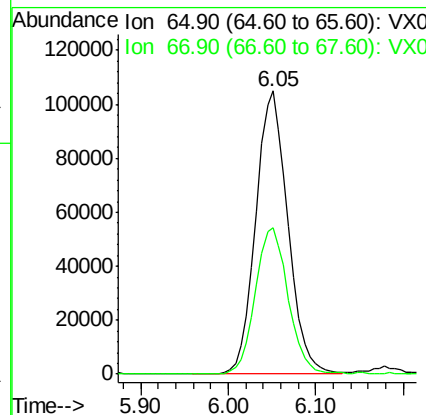
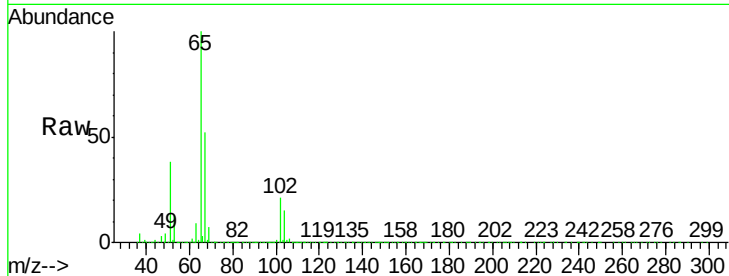
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.727 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 268423 |       |       |
| 67      | 52.4  | 0.0    | 106.2 |       |

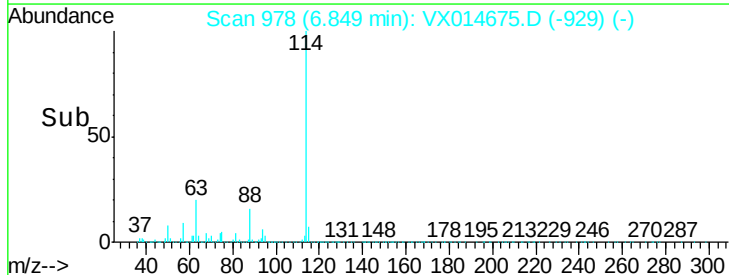
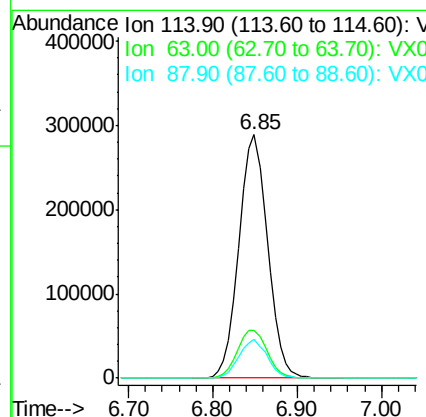
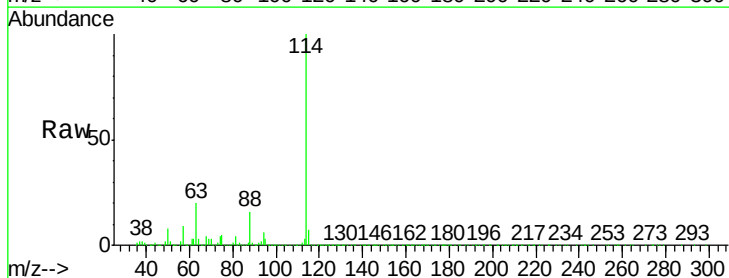
Manual Integrations  
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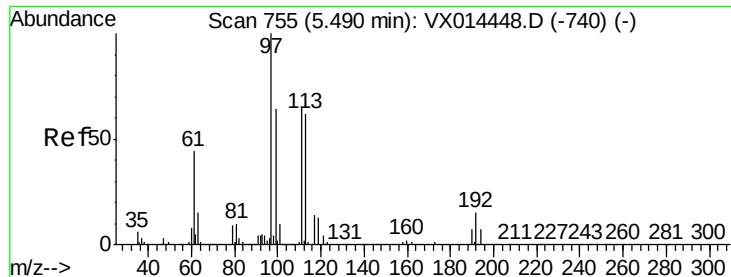
MMDadoda  
 1/22/2020 12:26:43 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 664187 |       |       |
| 63      | 19.8  | 0.0    | 39.6  |       |
| 88      | 15.8  | 0.0    | 30.8  |       |





#35

Dibromofluoromethane

Concen: 54.755 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

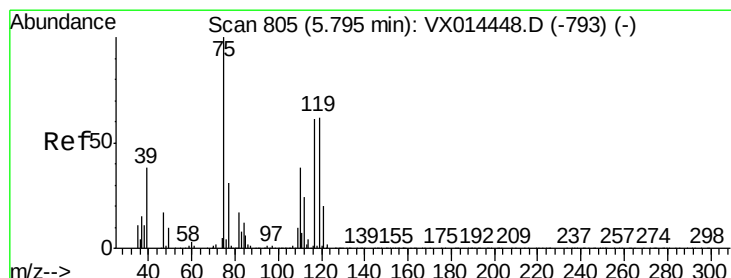
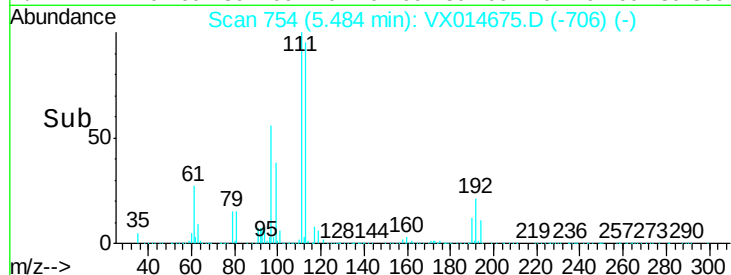
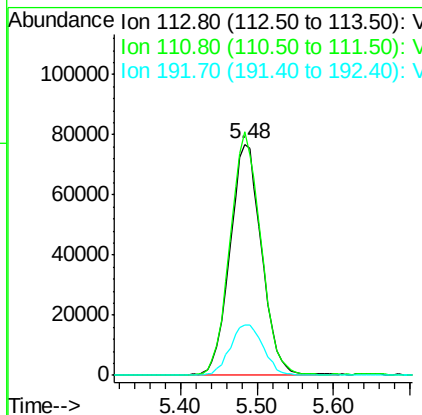
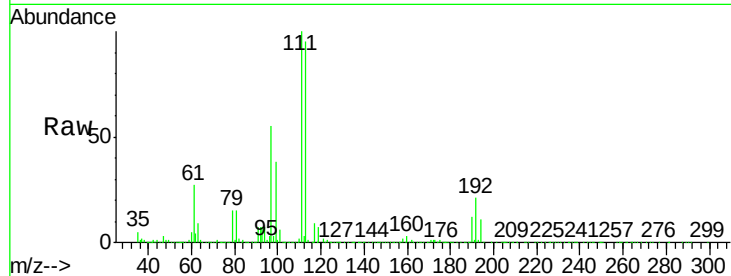
ClientSampleId :

VX0121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 220148 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.6 | 81.5  | 122.3  |
| 192       | 23.2  | 19.2  | 28.8   |

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#36

1,1-Dichloropropene

Concen: 19.909 ug/l

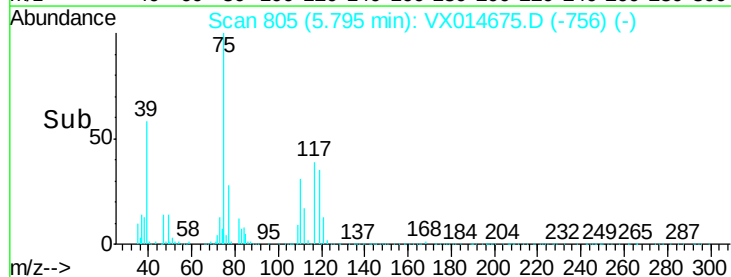
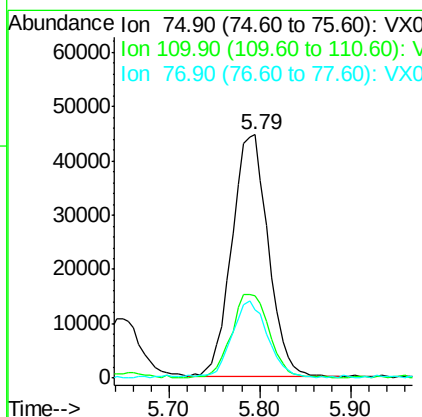
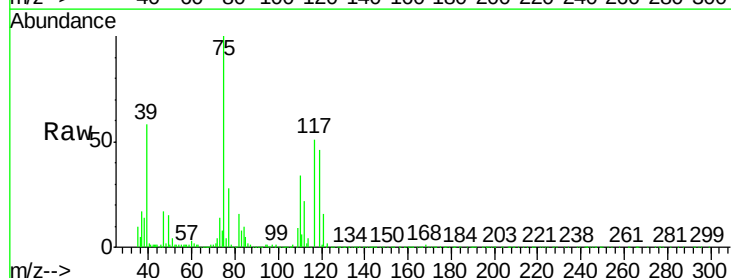
RT: 5.79 min Scan# 805

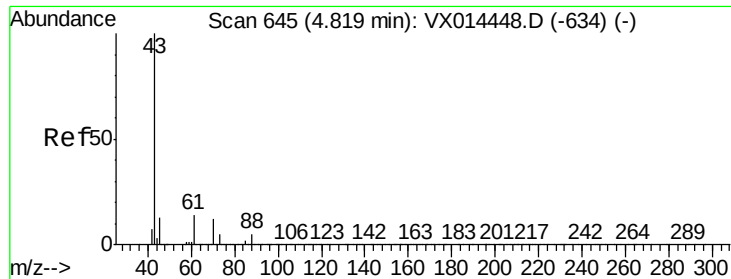
Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 124354 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.6  | 18.6  | 55.8   |
| 77        | 30.8  | 24.5  | 36.7   |





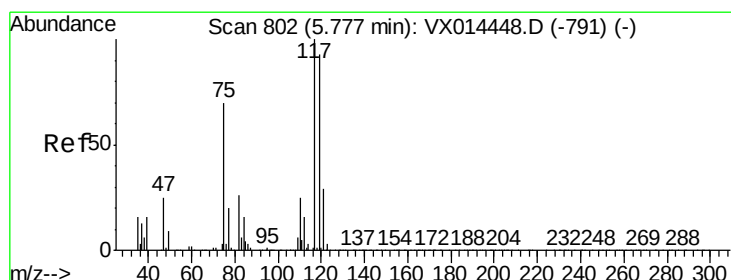
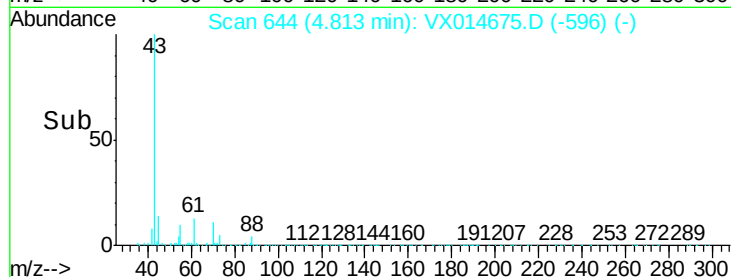
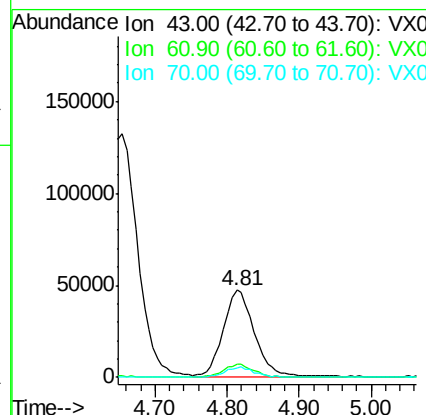
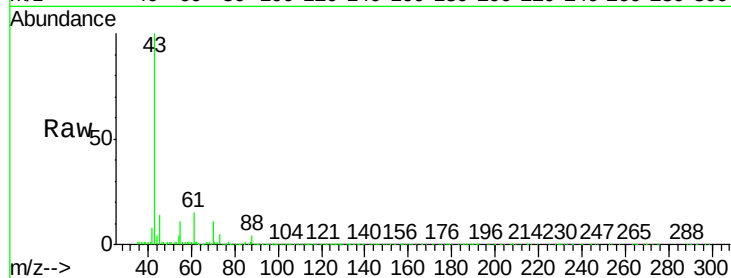
#37  
Ethyl Acetate  
Concen: 20.754 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.2  | 11.1  | 16.7  |
| 70      | 10.6  | 8.9   | 13.3  |

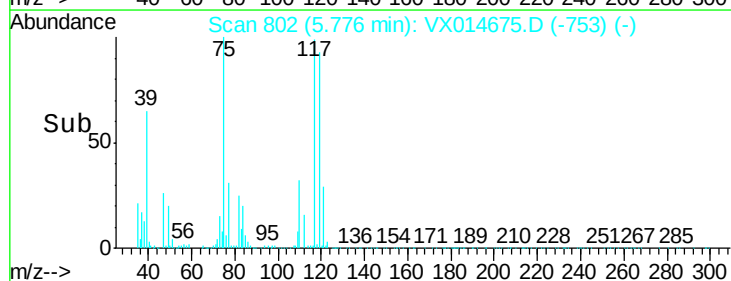
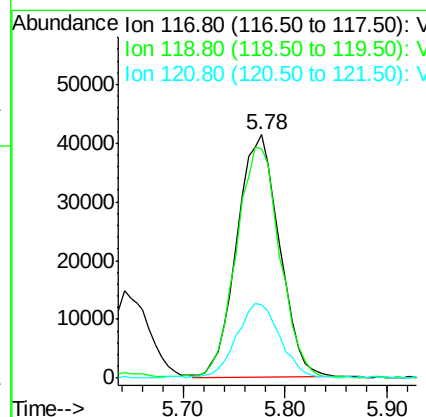
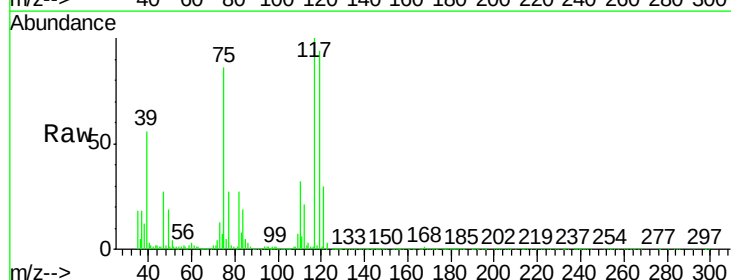
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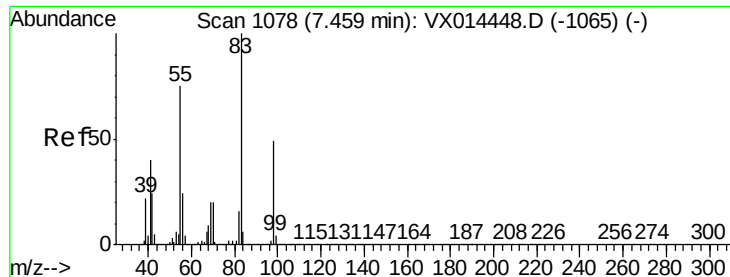


#38  
Carbon Tetrachloride  
Concen: 20.780 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.3  | 73.8  | 110.8 |
| 121     | 30.0  | 23.4  | 35.0  |







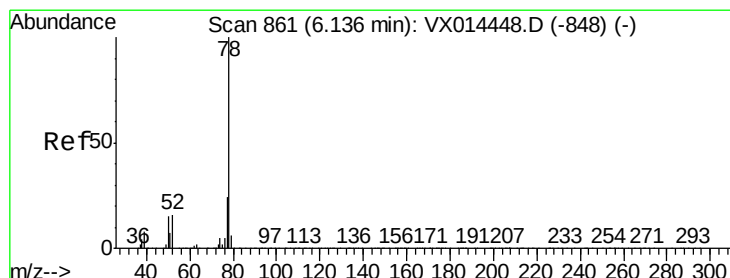
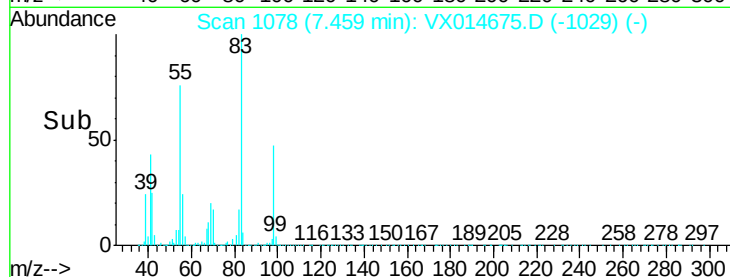
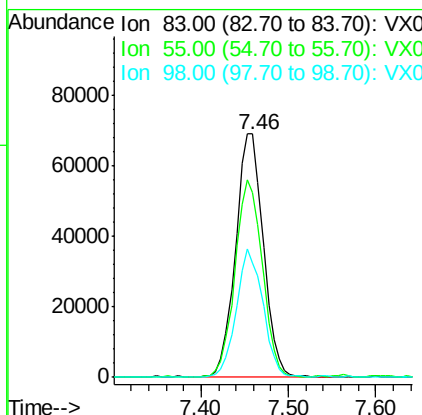
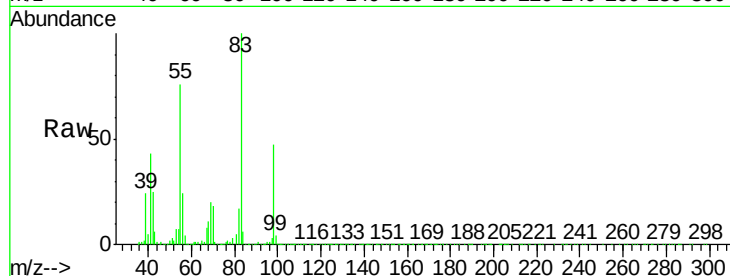
#39  
Methylvlcyclohexane  
Concen: 19.461 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.8  | 59.7  | 89.5  |
| 98      | 47.1  | 39.1  | 58.7  |

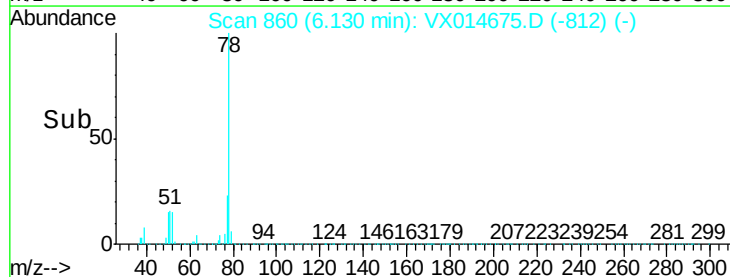
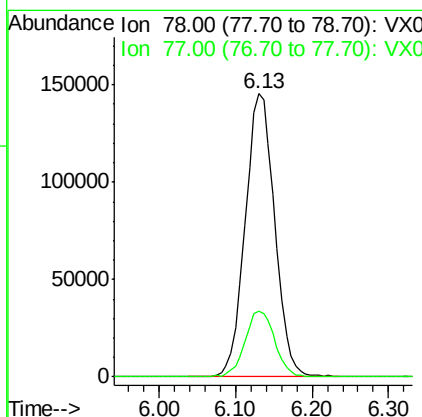
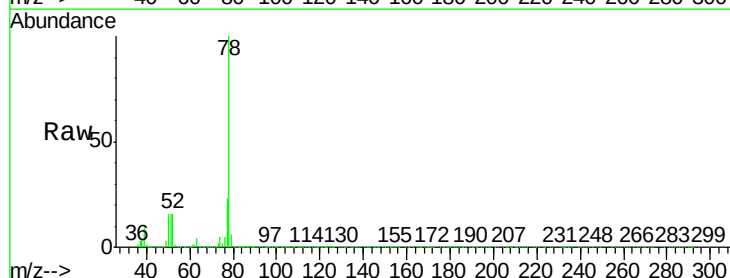
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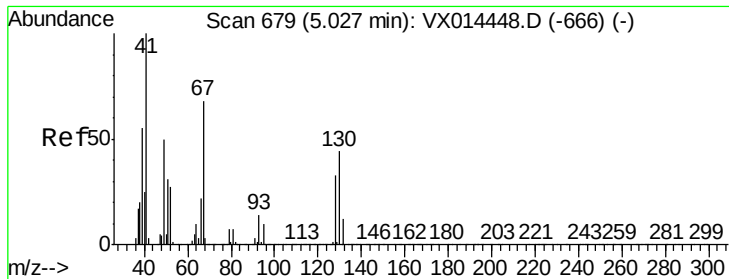
MMDadoda  
1/22/2020 12:26:43 PM



#40  
Benzene  
Concen: 21.014 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 19.5  | 29.3  |





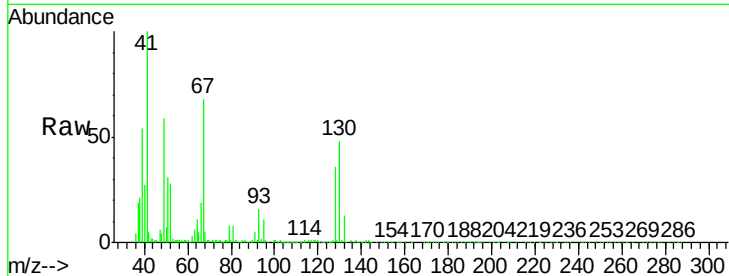
#41  
Methacrylonitrile  
Concen: 21.179 ug/l  
RT: 5.02 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

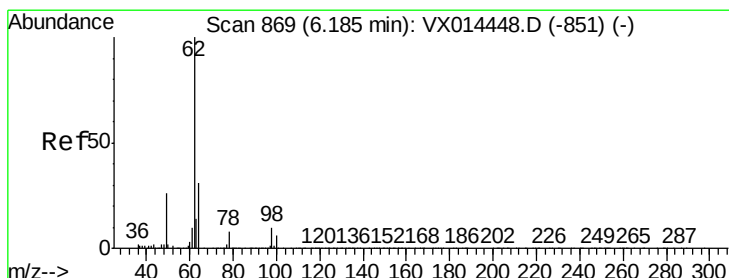
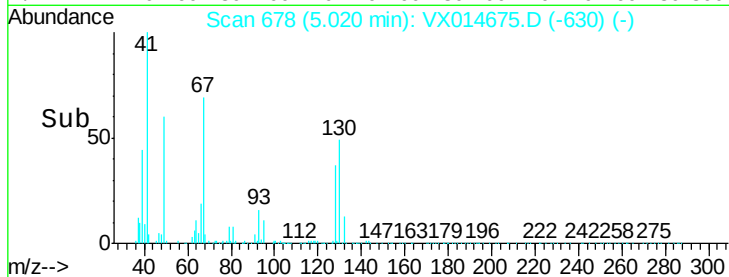
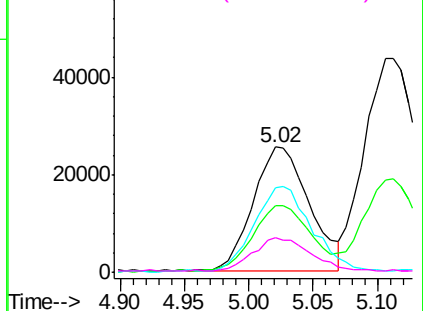
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 54.4  | 43.6  | 65.4  |
| 67      | 69.8  | 57.9  | 86.9  |
| 52      | 29.1  | 23.0  | 34.6  |

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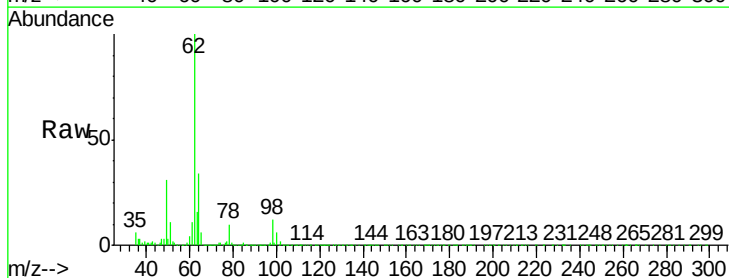


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

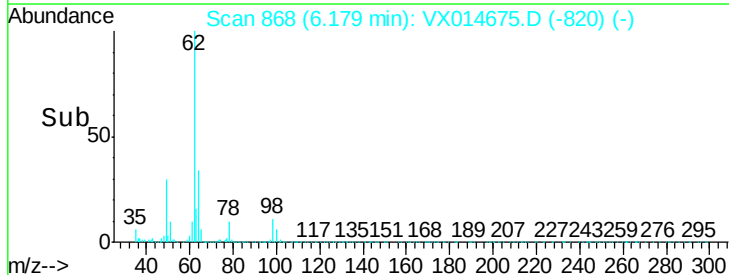
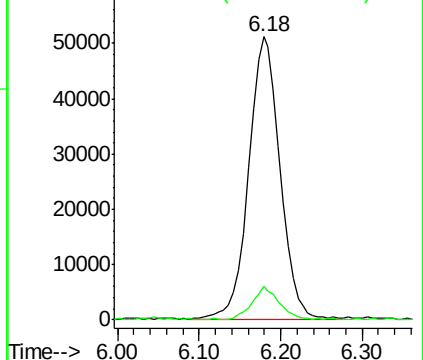


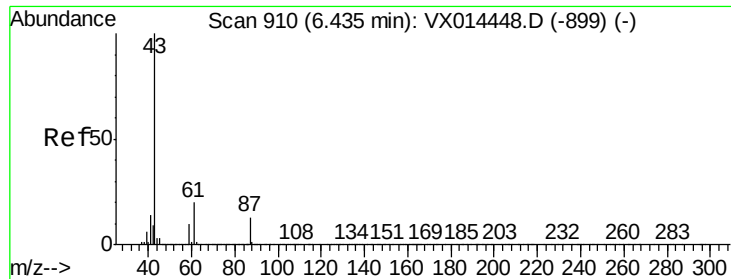
#42  
1,2-Dichloroethane  
Concen: 21.006 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.0  | 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: 20.774 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

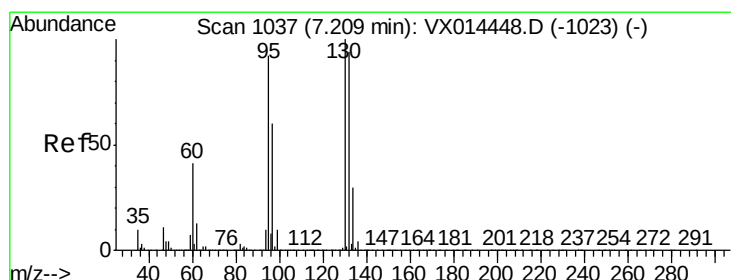
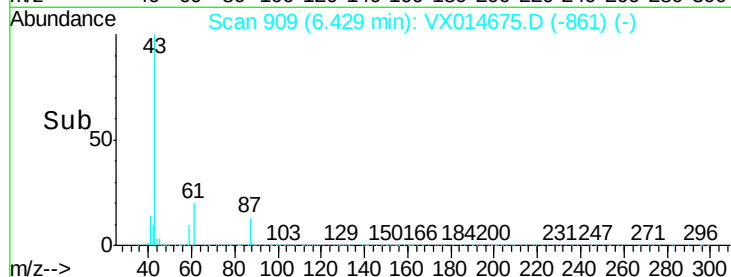
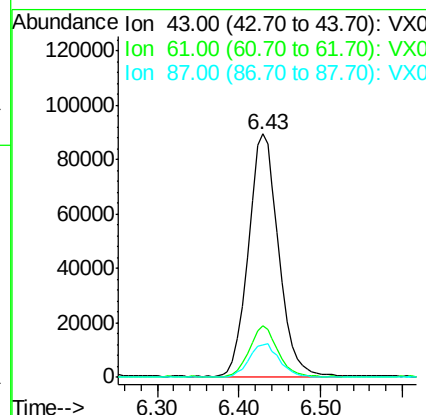
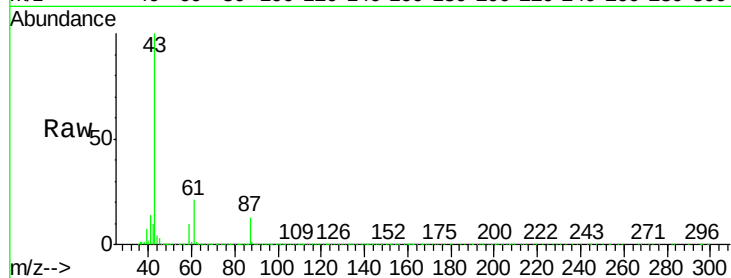
ClientSampleId :

VX0121WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 227686 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.7  | 16.6  | 24.8   |
| 87       | 13.7  | 10.8  | 16.2   |

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#44

Trichloroethene

Concen: 20.247 ug/l

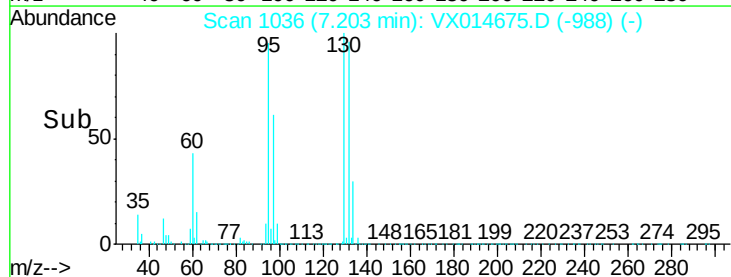
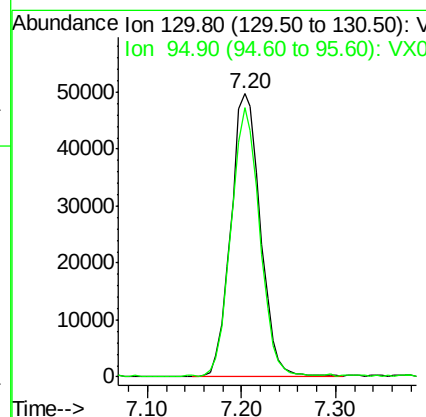
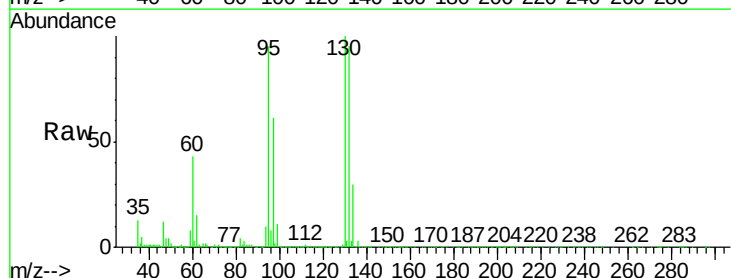
RT: 7.20 min Scan# 1036

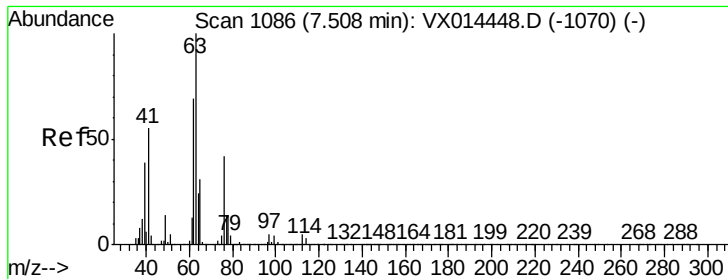
Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 107865 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 94.7  | 0.0   | 184.2  |





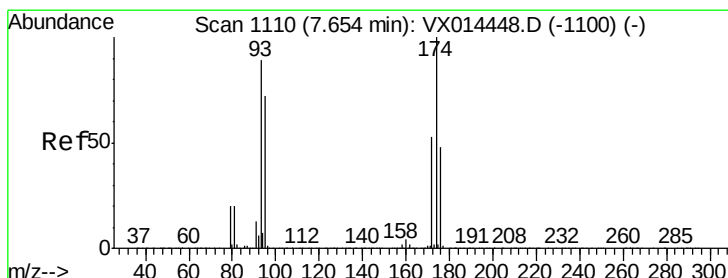
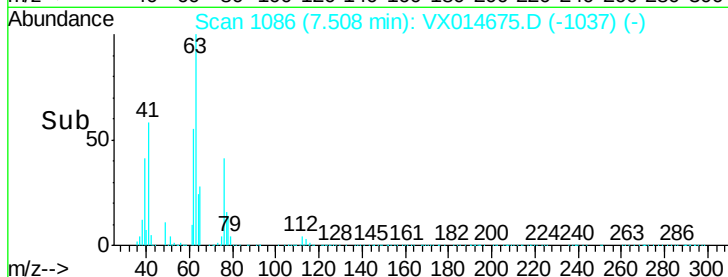
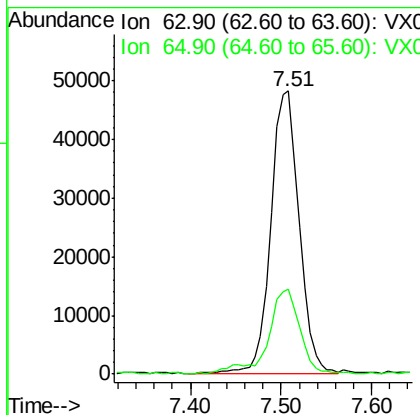
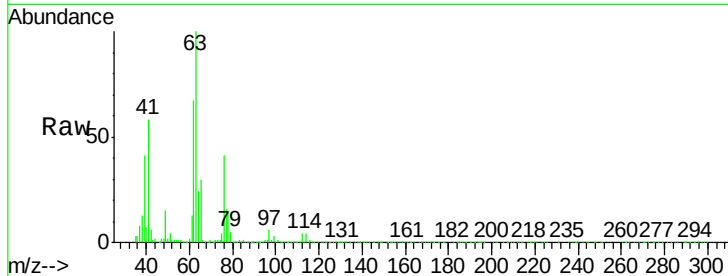
#45  
 1,2-Dichloropropane  
 Concen: 22.259 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.1  | 24.8  | 37.2  |

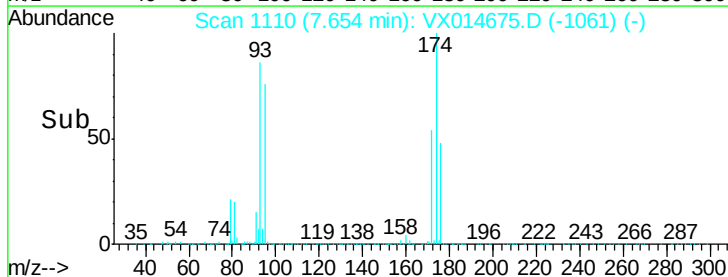
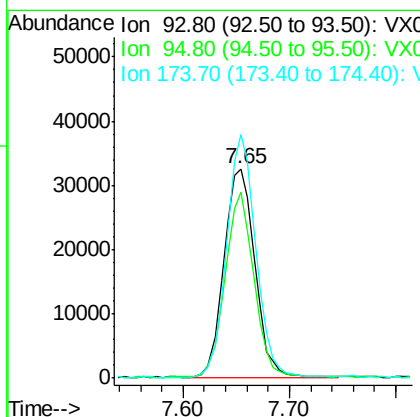
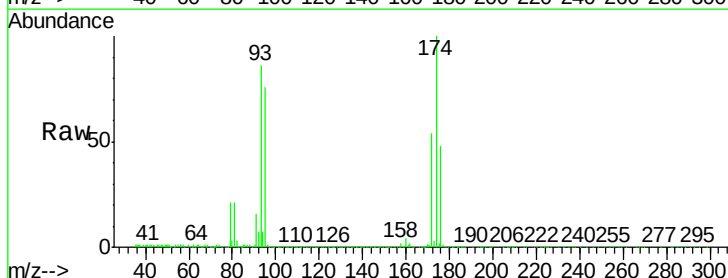
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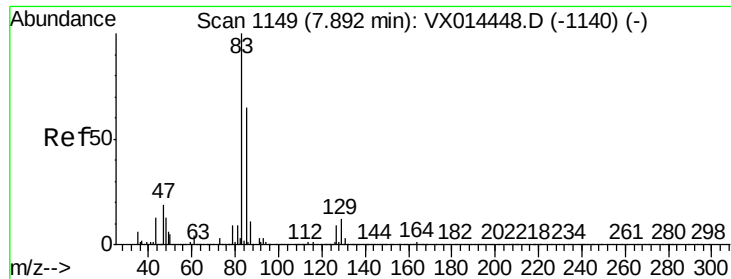
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#46  
 Dibromomethane  
 Concen: 20.022 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.4  | 65.4  | 98.2  |
| 174     | 111.5 | 93.0  | 139.4 |





#47

Bromodichloromethane

Concen: 21.130 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

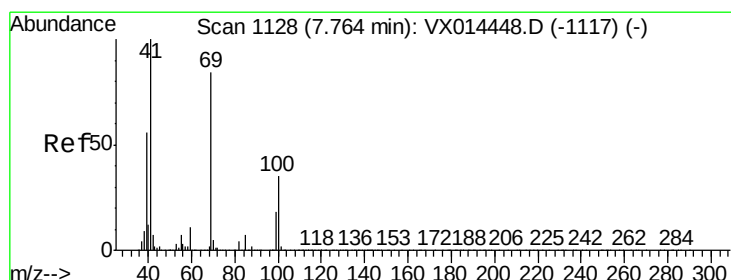
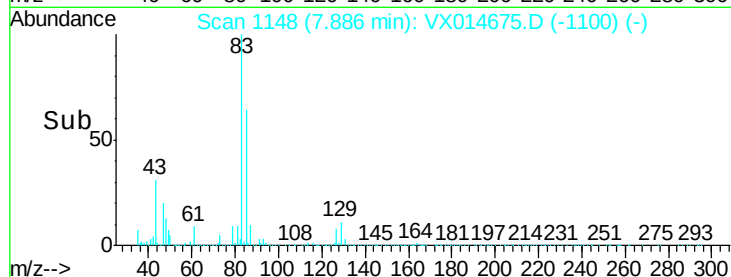
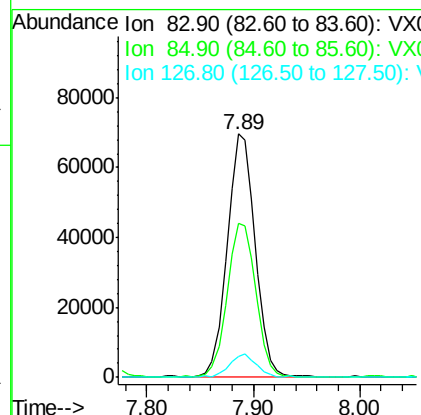
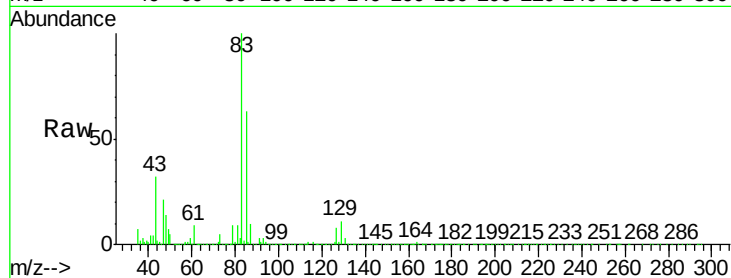
ClientSampleId :

VX0121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 126833 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.3  | 51.7  | 77.5   |
| 127       | 8.2   | 7.1   | 10.7   |

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#48

Methyl methacrylate

Concen: 20.988 ug/l

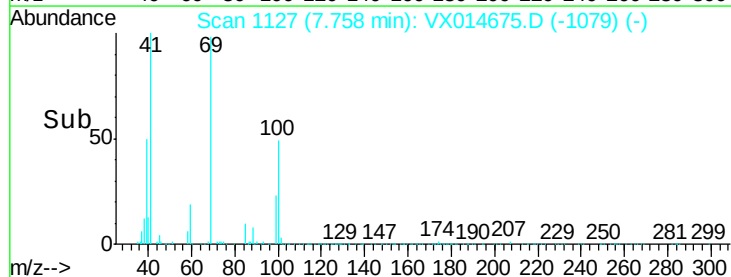
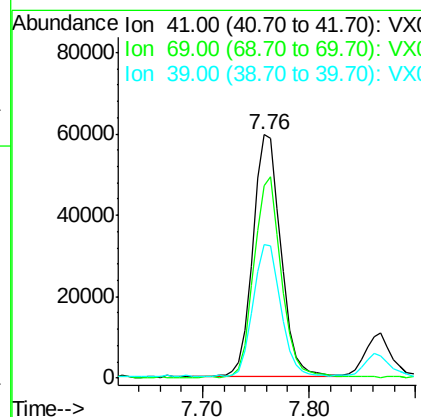
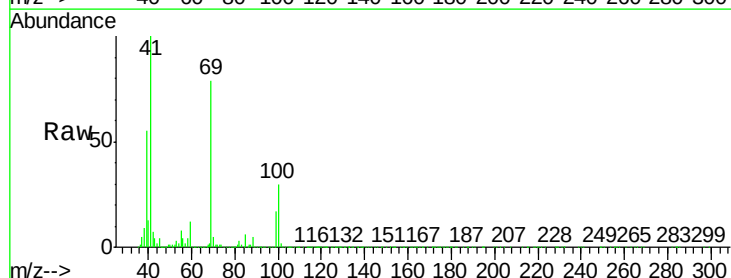
RT: 7.76 min Scan# 1127

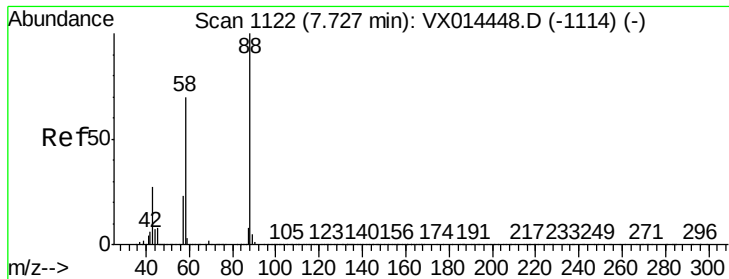
Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 110168 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 80.9  | 65.5  | 98.3   |
| 39        | 54.9  | 43.9  | 65.9   |





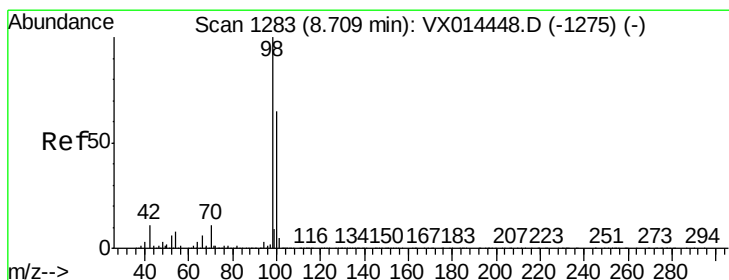
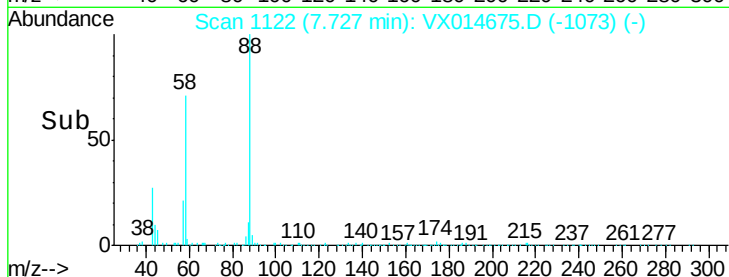
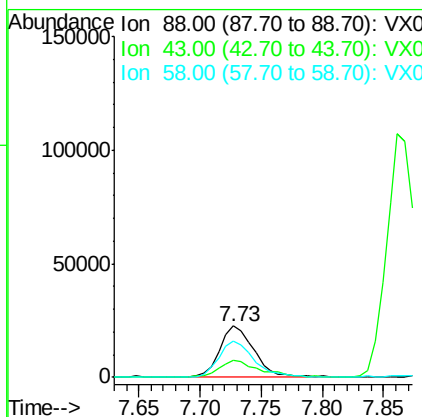
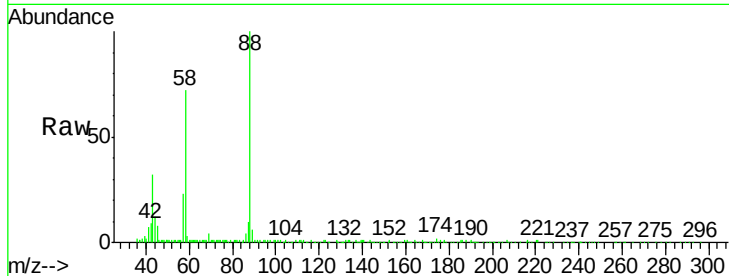
#49  
1,4-Dioxane  
Concen: 391.385 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 43.1  | 27.4  | 41.0# |
| 58      | 73.1  | 57.1  | 85.7  |

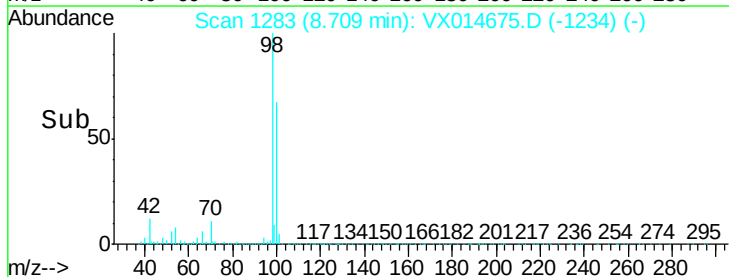
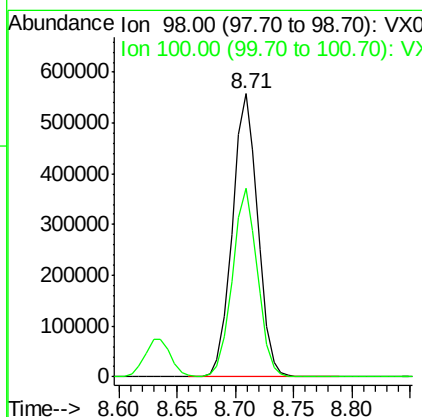
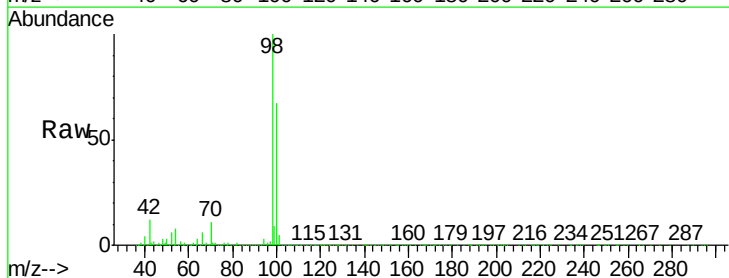
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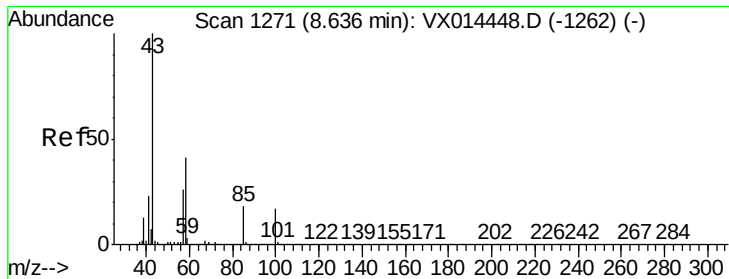
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#50  
Toluene-d8  
Concen: 54.296 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.8  | 53.2  | 79.8  |





#51

4-Methyl-2-Pentanone

Concen: 108.809 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampled :

VX0121WBS01

Tot Ion: 43 Resp: 726698

Ion Ratio Lower Upper

43 100

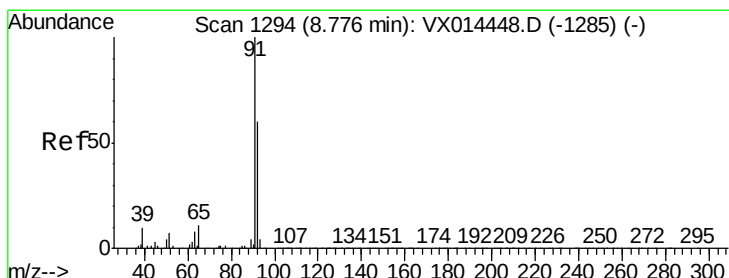
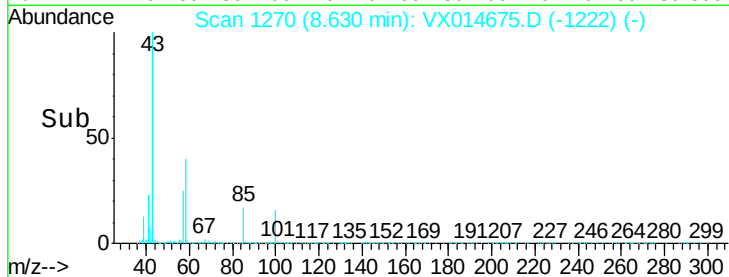
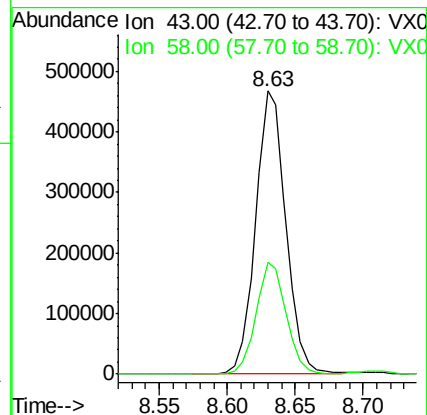
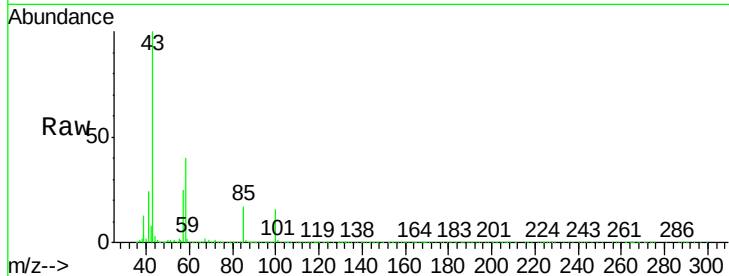
58 39.3 32.4 48.6

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#52

Toluene

Concen: 20.500 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014675.D

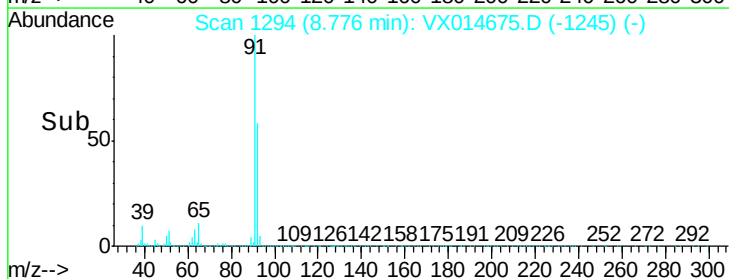
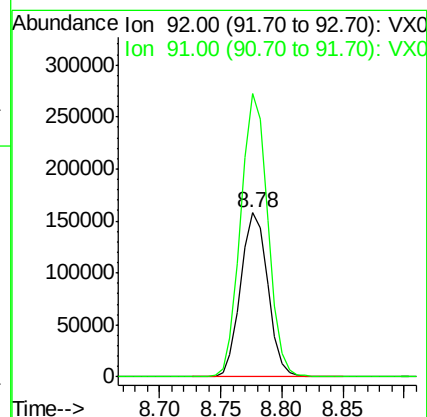
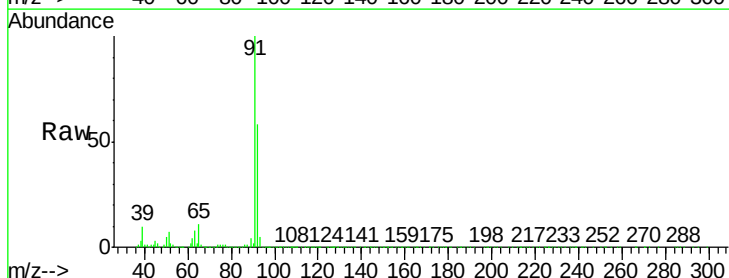
Acq: 21 Jan 2020 10:42

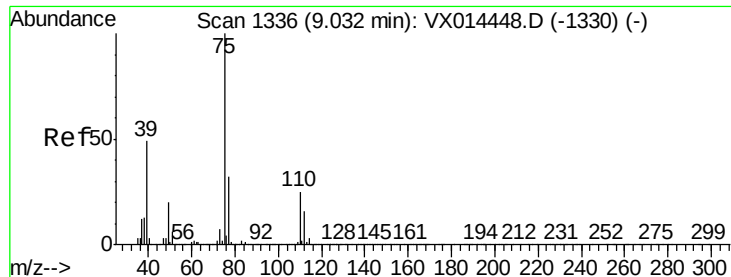
Tgt Ion: 92 Resp: 243272

Ion Ratio Lower Upper

92 100

91 171.5 135.7 203.5





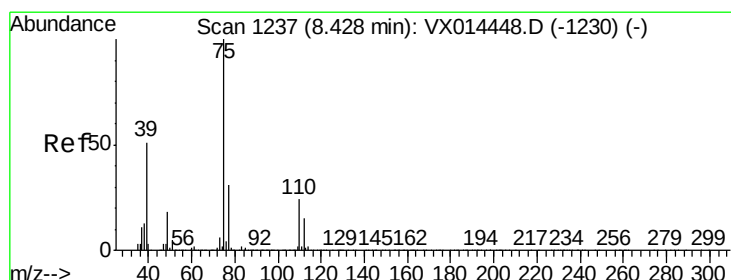
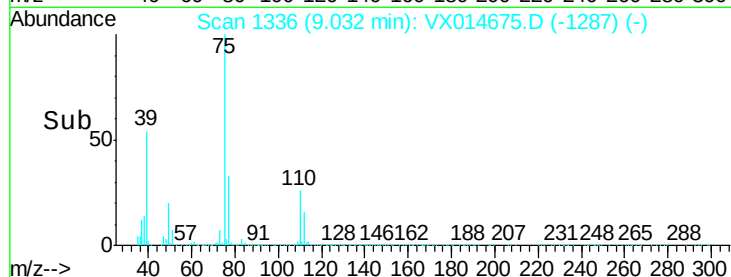
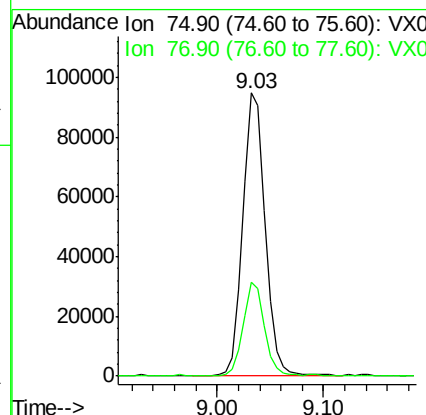
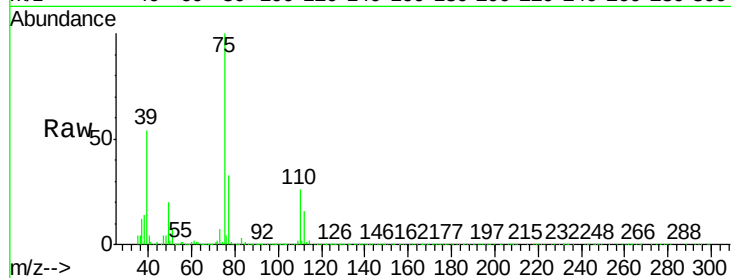
#53  
t-1,3-Dichloropropene  
Concen: 20.024 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.2  | 25.4  | 38.2  |

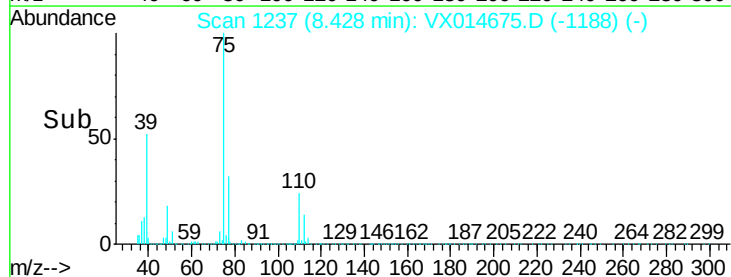
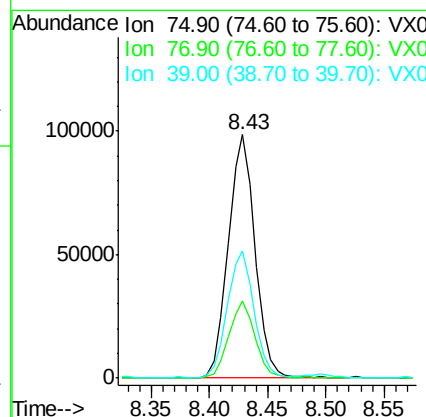
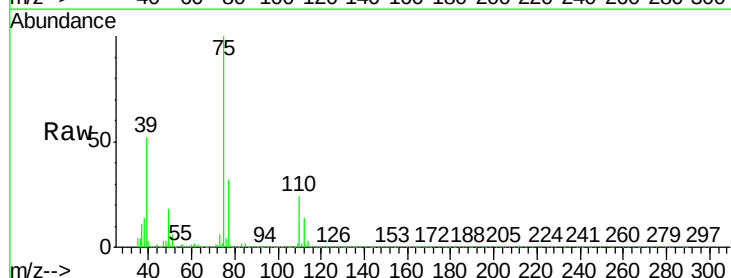
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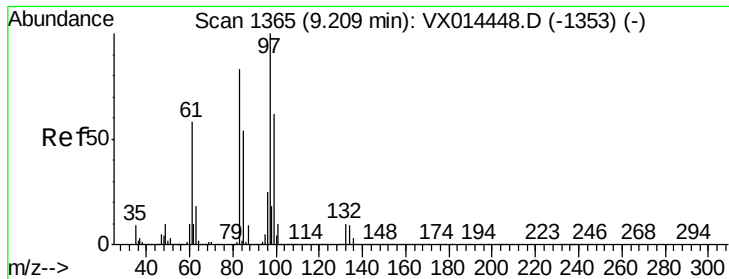


#54  
cis-1,3-Dichloropropene  
Concen: 20.814 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.7  | 25.0  | 37.4  |
| 39      | 51.9  | 40.7  | 61.1  |







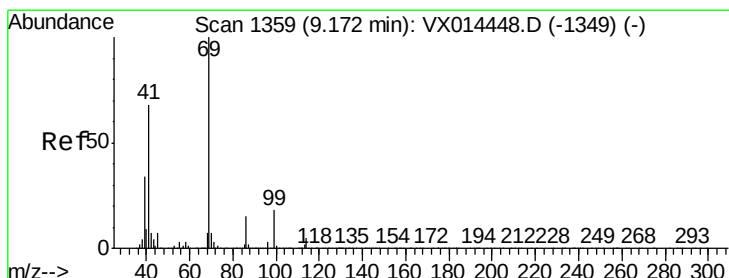
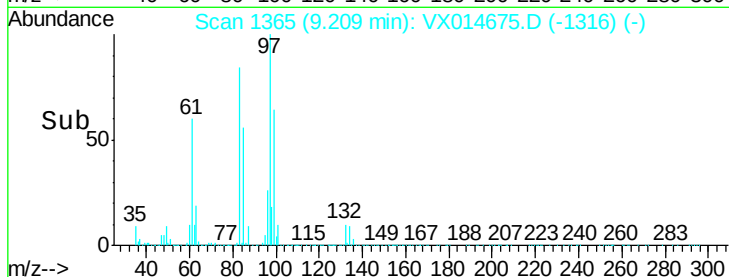
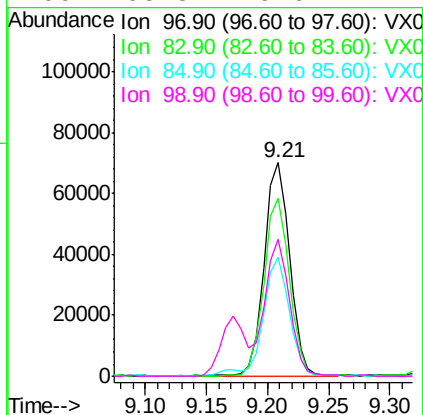
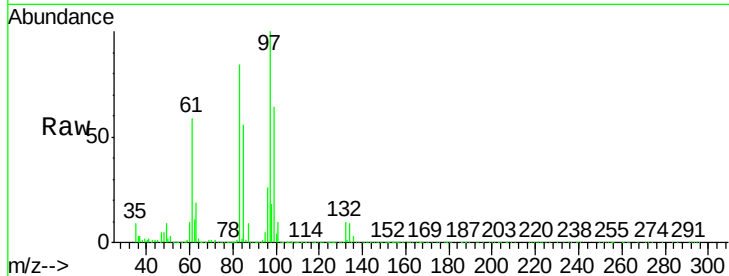
#55  
 1,1,2-Trichloroethane  
 Concen: 21.586 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 102890 |       |       |
| 83      | 83.3 | 66.4  | 99.6   |       |       |
| 85      | 55.3 | 43.4  | 65.2   |       |       |
| 99      | 63.8 | 49.6  | 74.4   |       |       |

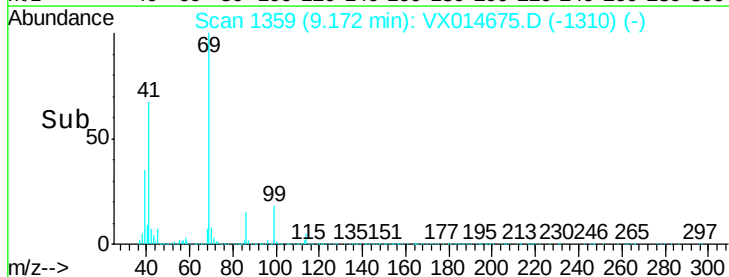
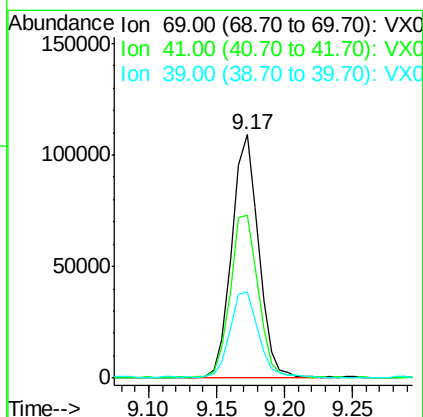
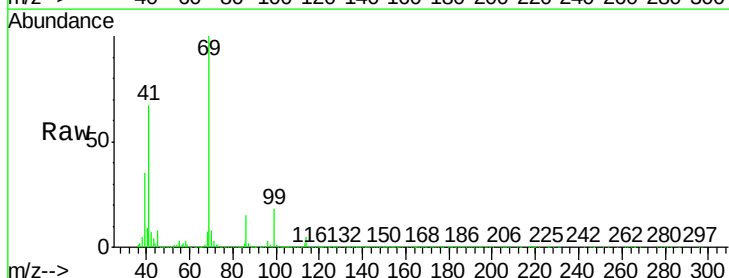
Manual Integrations  
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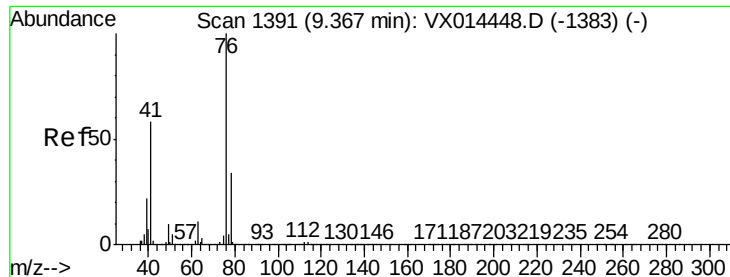
MMDadoda  
 1/22/2020 12:26:43 PM



#56  
 Ethyl methacrylate  
 Concen: 20.664 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 150903 |       |       |
| 41      | 69.5 | 54.2  | 81.2   |       |       |
| 39      | 36.8 | 28.2  | 42.2   |       |       |





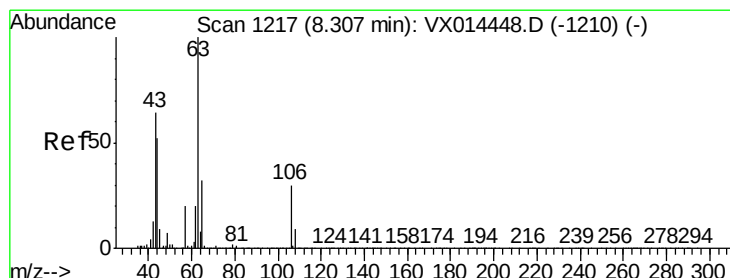
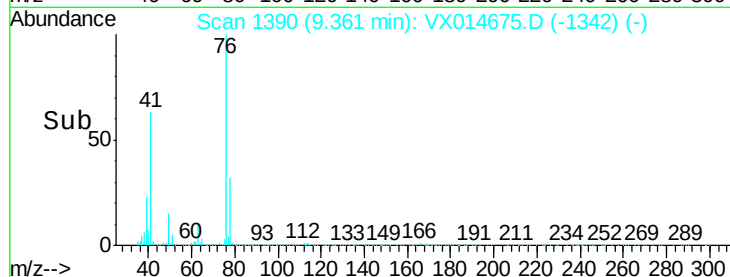
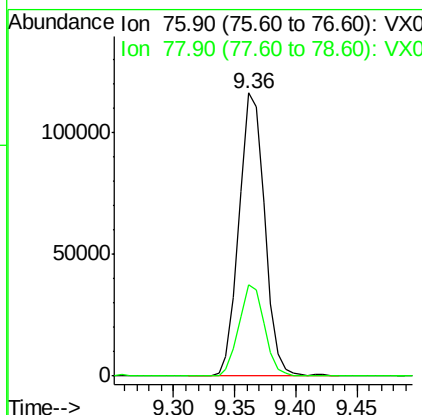
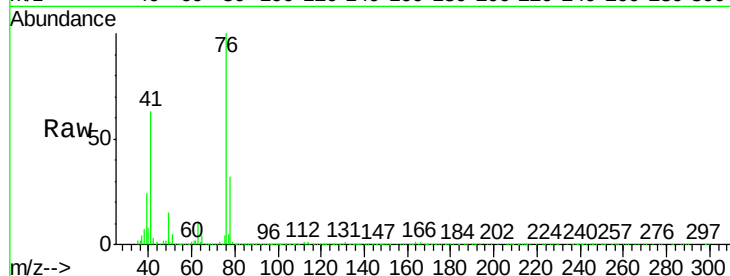
#57  
 1,3-Dichloropropane  
 Concen: 21.202 ug/l  
 RT: 9.36 min Scan# 1390  
 Delta R.T. -0.01 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.6  | 26.4  | 39.6  |

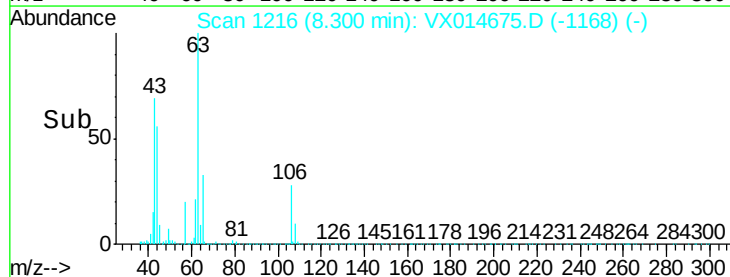
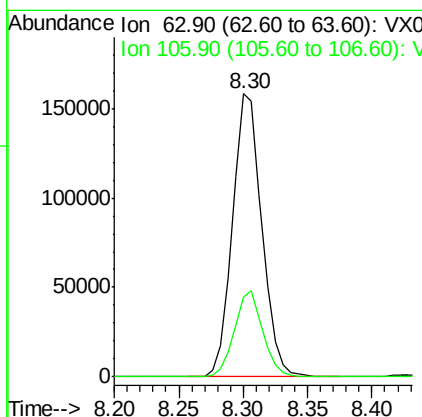
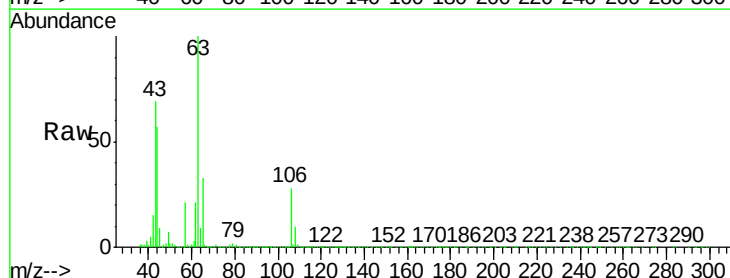
Manual Integrations  
 APPROVED

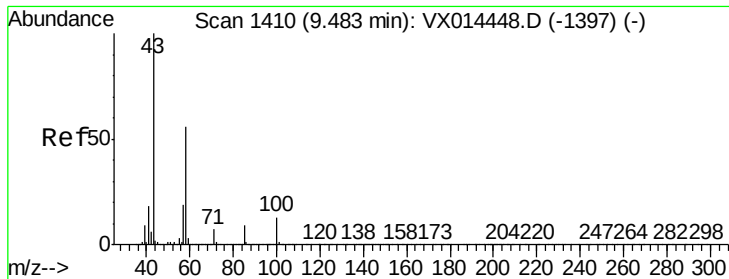
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.354 ug/l  
 RT: 8.30 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.3  | 23.6  | 35.4  |





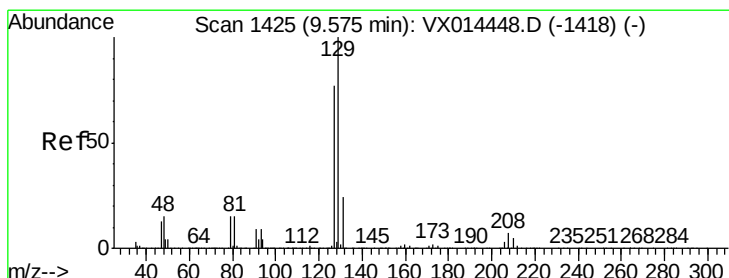
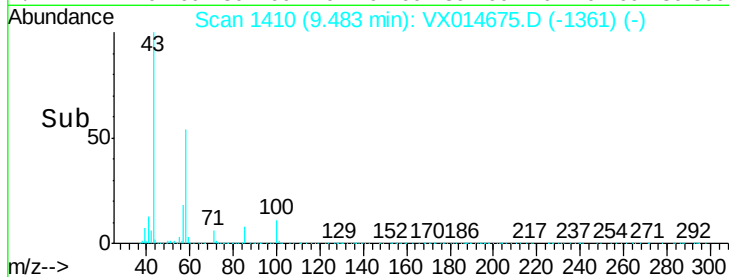
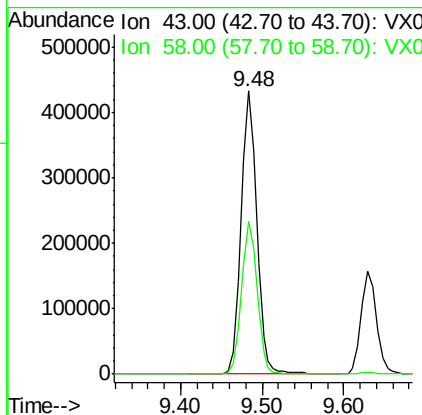
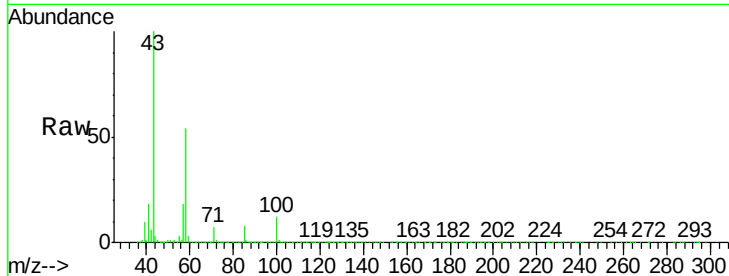
#59  
2-Hexanone  
Concen: 107.969 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

Tot Ion: 43 Resp: 570559  
Ion Ratio Lower Upper  
43 100  
58 54.3 27.9 83.7

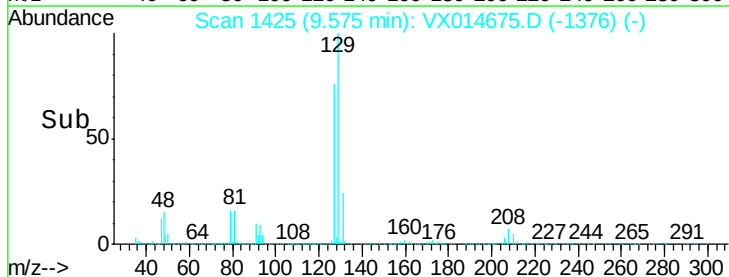
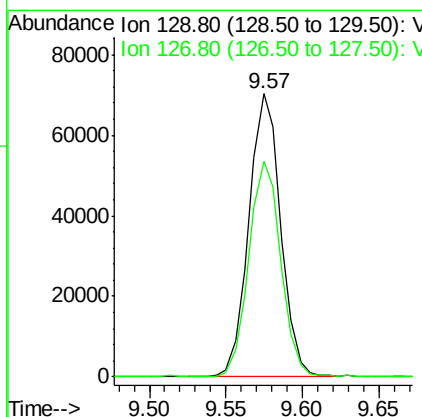
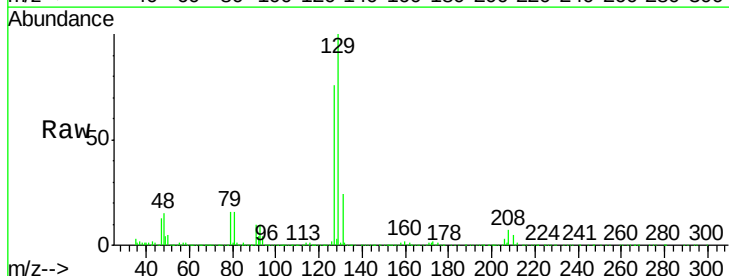
Manual Integrations  
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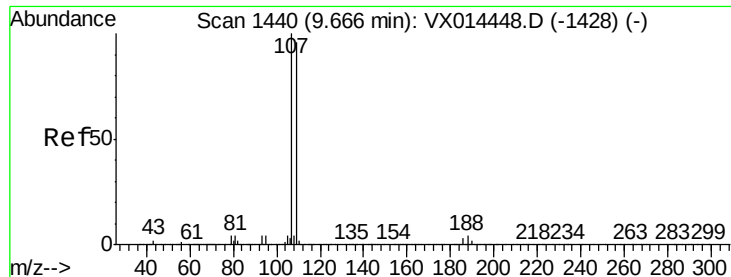
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#60  
Dibromochloromethane  
Concen: 21.185 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Tgt Ion: 129 Resp: 101495  
Ion Ratio Lower Upper  
129 100  
127 76.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.980 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion: 107 Resp: 105931

Ion Ratio Lower Upper

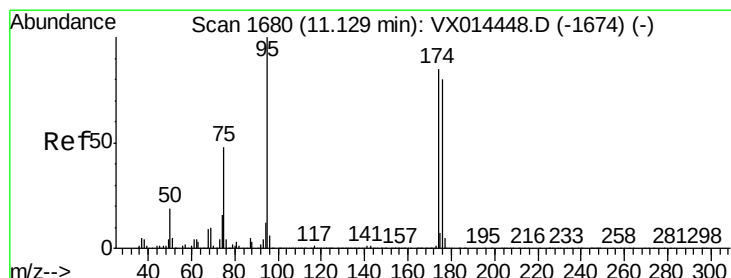
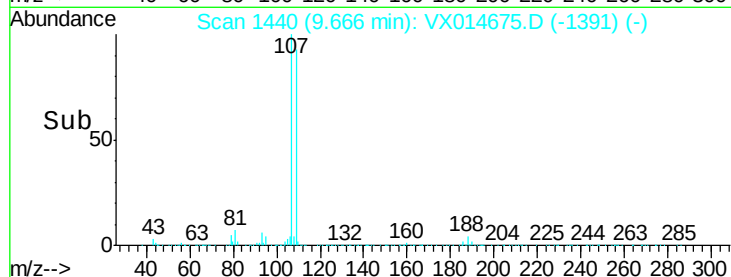
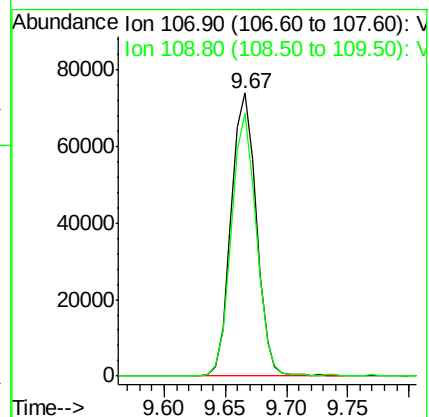
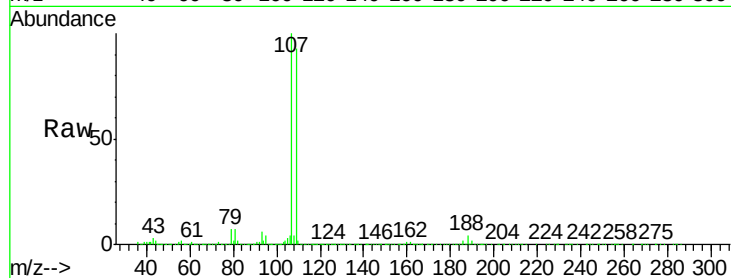
107 100

109 91.3 76.5 114.7

Manual Integrations  
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#62

4-Bromofluorobenzene

Concen: 52.228 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

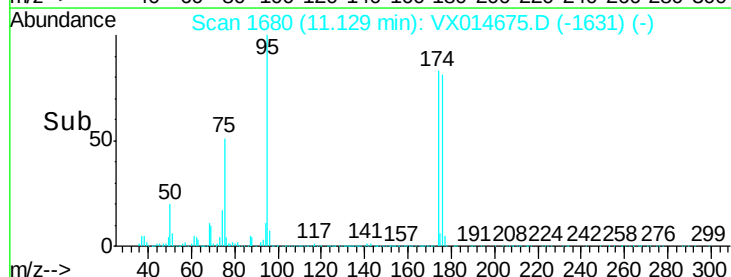
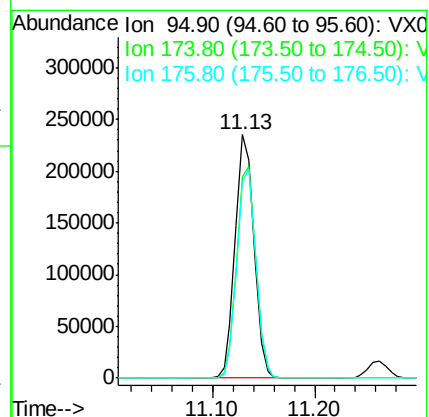
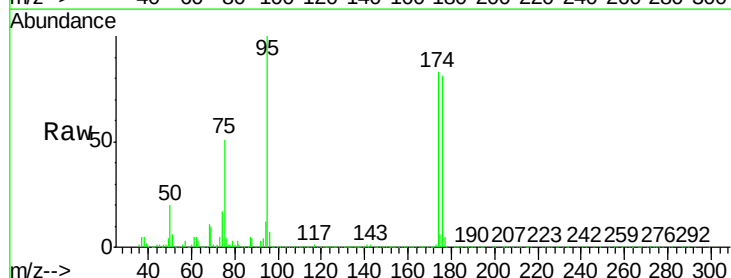
Tgt Ion: 95 Resp: 299159

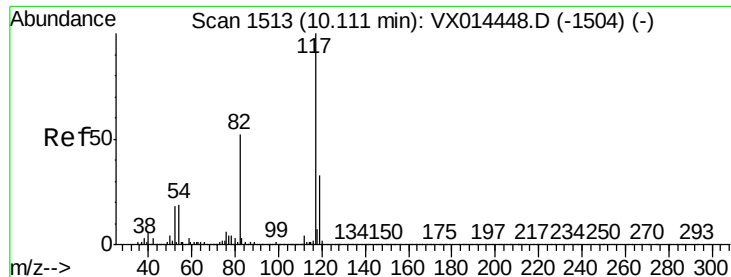
Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.8

176 86.6 0.0 172.8





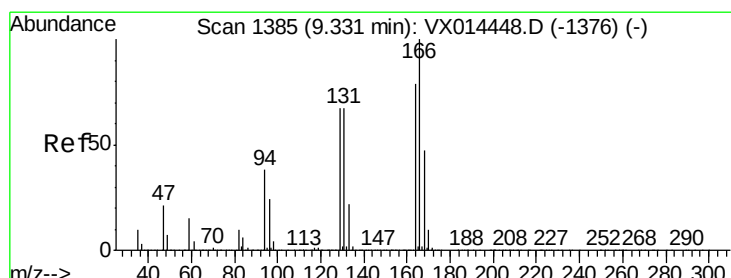
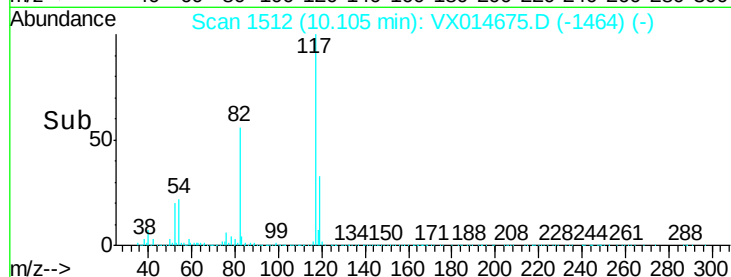
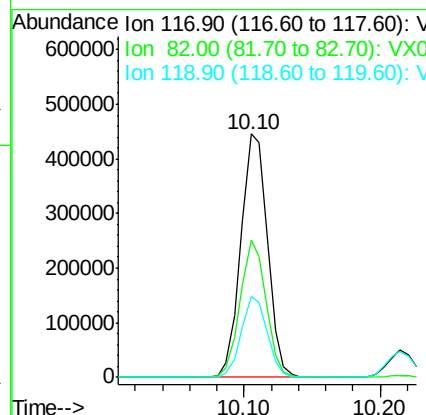
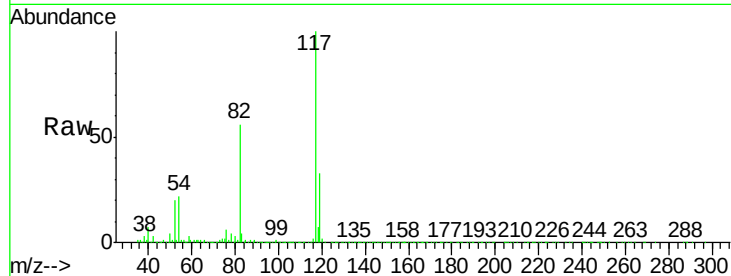
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.4  | 41.8  | 62.6  |
| 119     | 33.1  | 26.2  | 39.4  |

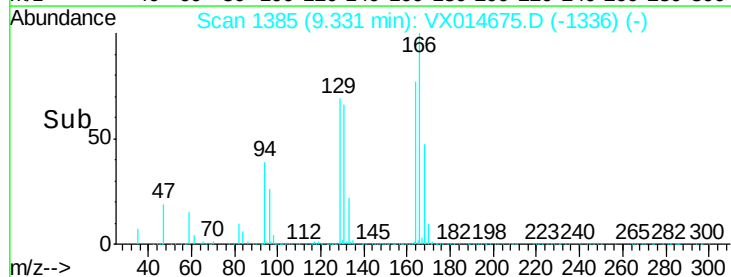
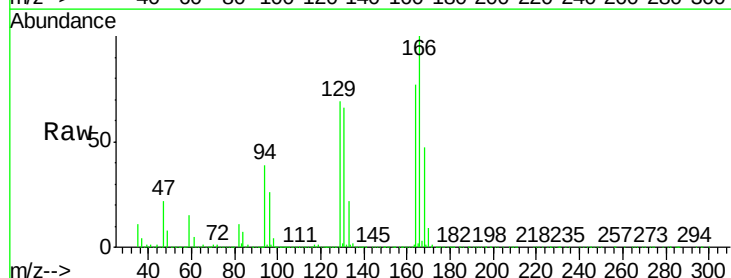
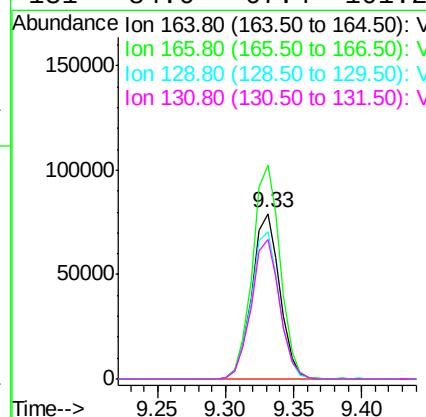
Manual Integrations  
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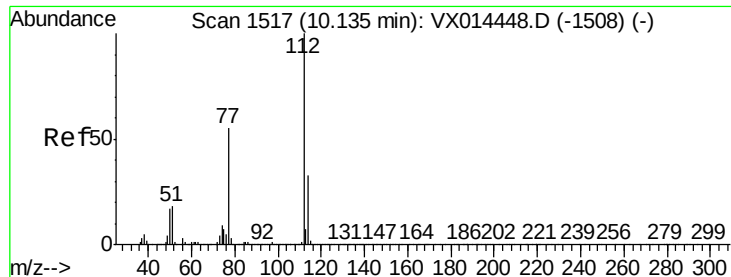
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#64  
Tetrachloroethene  
Concen: 18.631 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.2 | 101.2 | 151.8 |
| 129     | 88.7  | 68.3  | 102.5 |
| 131     | 84.6  | 67.4  | 101.2 |





#65

Chlorobenzene

Concen: 19.966 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion:112 Resp: 264290

Ion Ratio Lower Upper

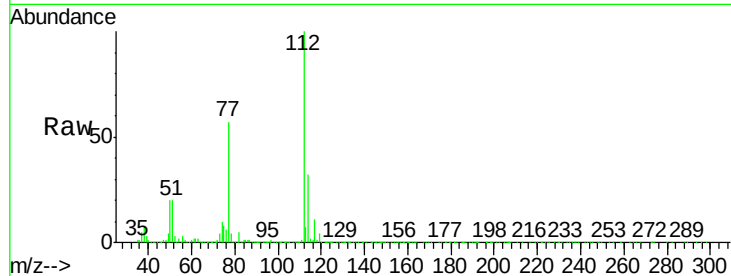
112 100

114 32.0 26.2 39.4

Manual Integrations  
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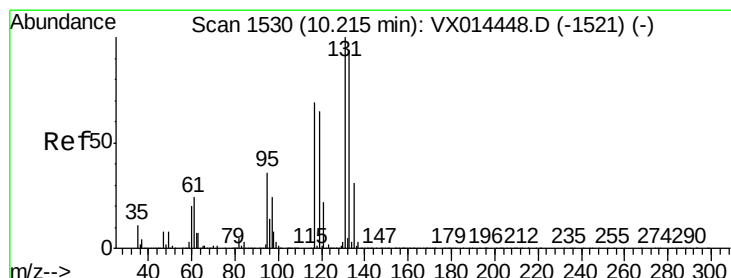
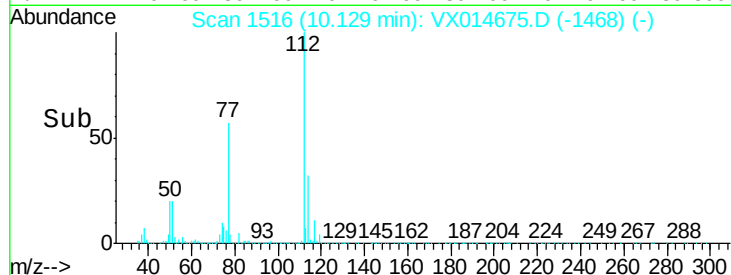
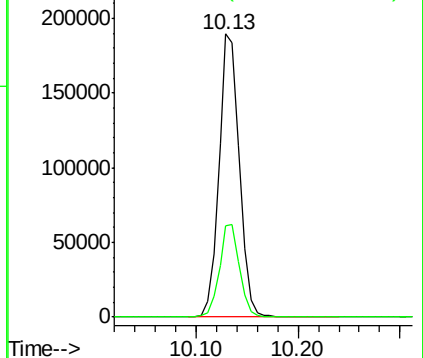
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.467 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

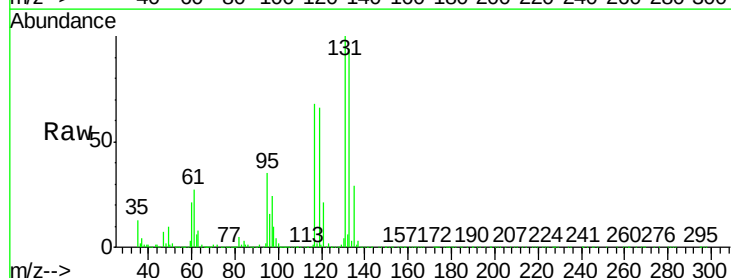
Tgt Ion:131 Resp: 96685

Ion Ratio Lower Upper

131 100

133 97.7 47.3 142.0

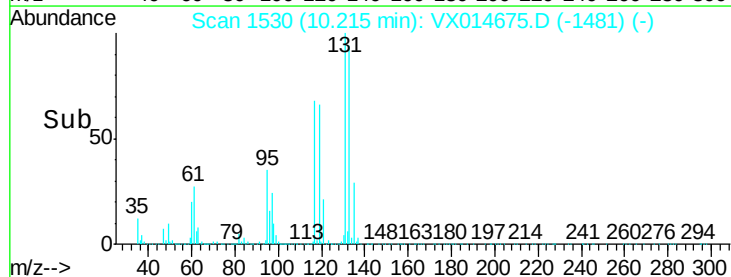
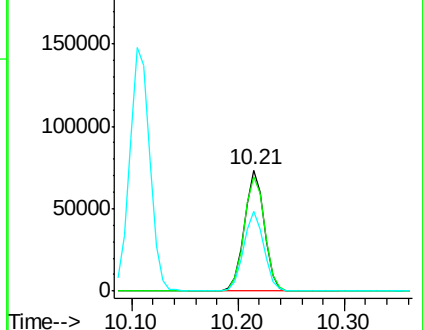
119 66.8 32.8 98.4

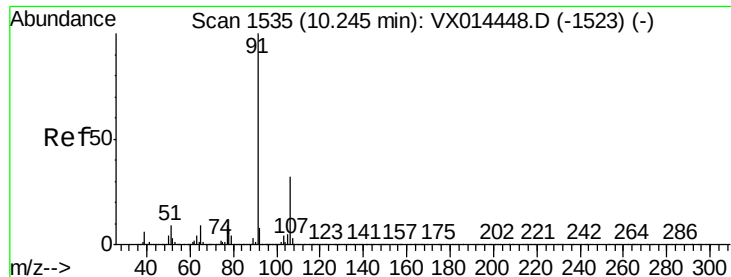


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.291 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion: 91 Resp: 457813

Ion Ratio Lower Upper

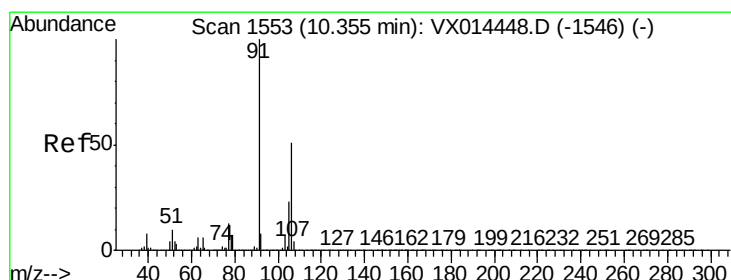
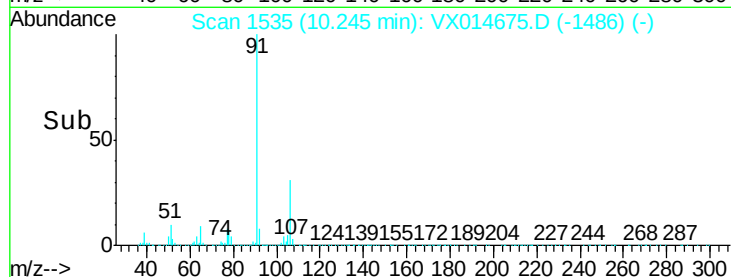
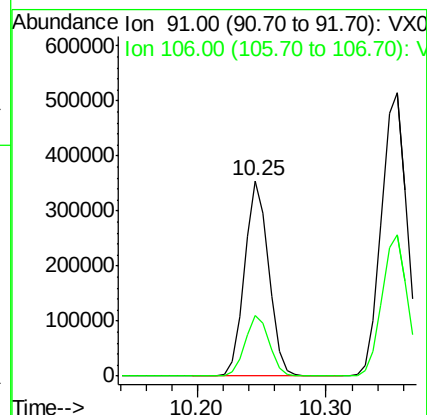
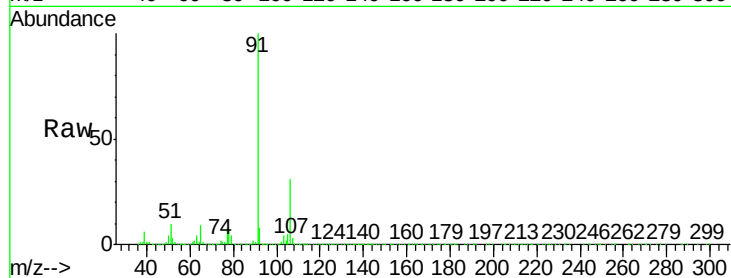
91 100

106 31.2 25.6 38.4

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#68

m/p-Xylenes

Concen: 40.116 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014675.D

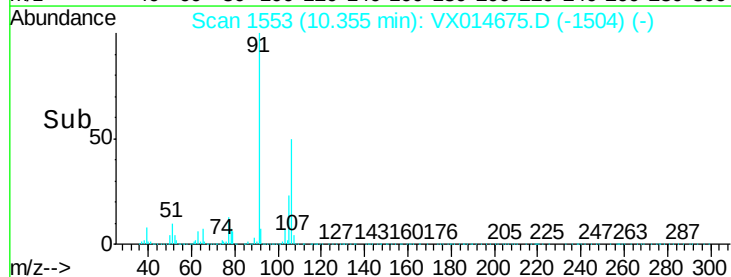
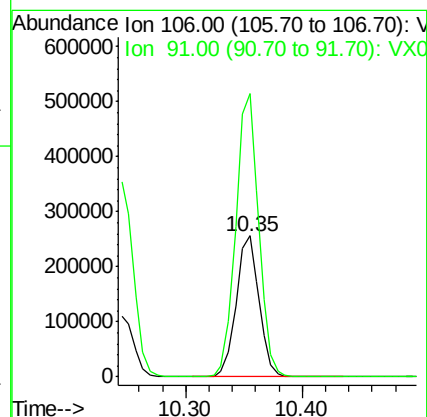
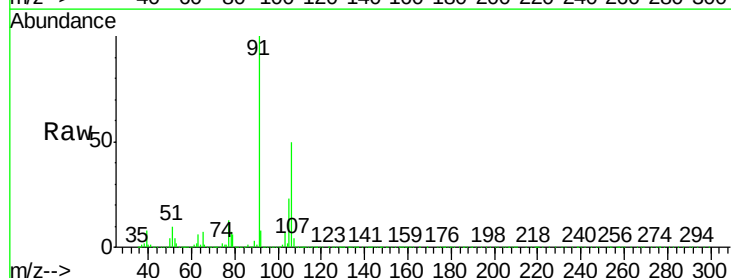
Acq: 21 Jan 2020 10:42

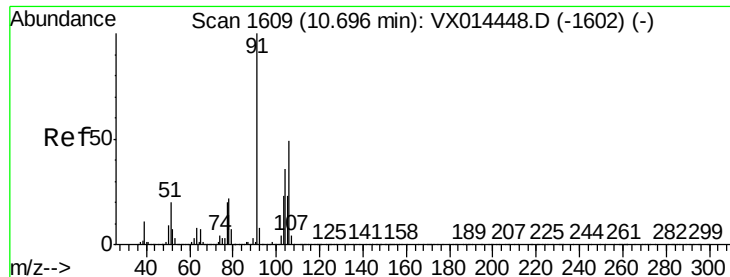
Tgt Ion: 106 Resp: 349189

Ion Ratio Lower Upper

106 100

91 201.4 157.4 236.0





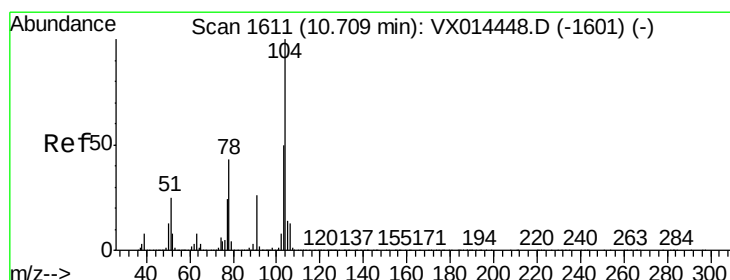
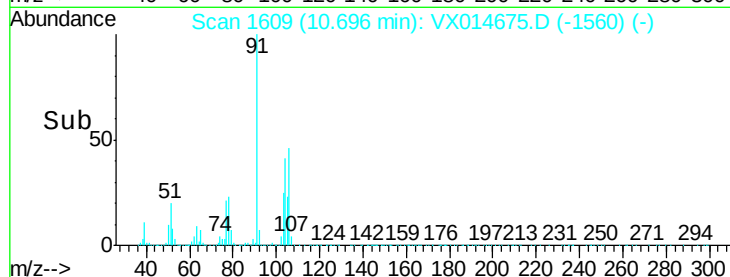
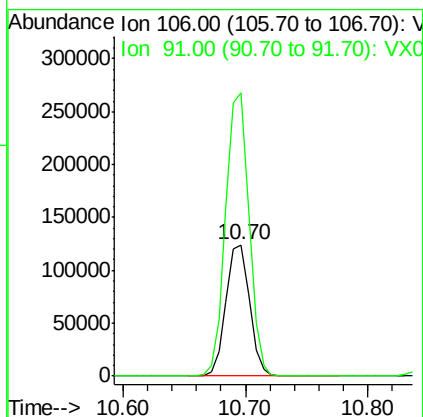
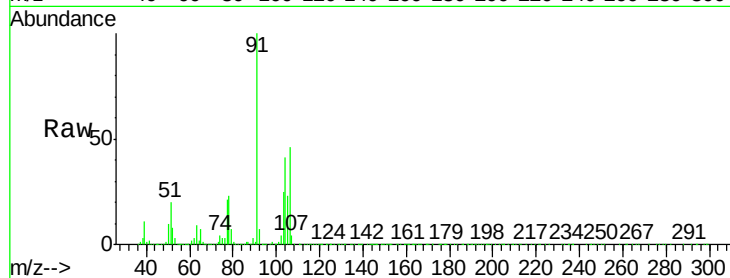
#69  
o-Xylene  
Concen: 20.063 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 166627 |       |       |
| 91      | 213.3 | 105.1  | 315.1 |       |

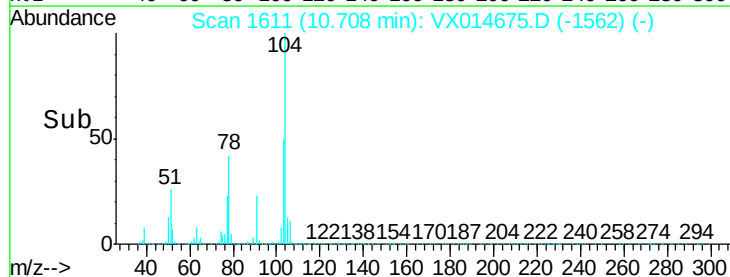
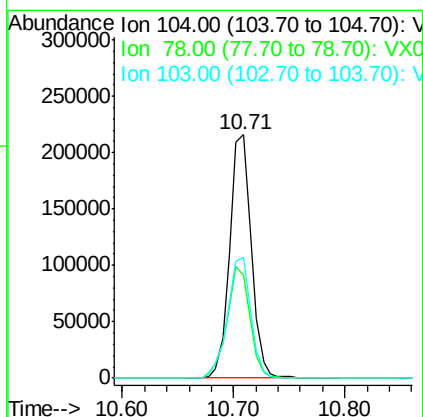
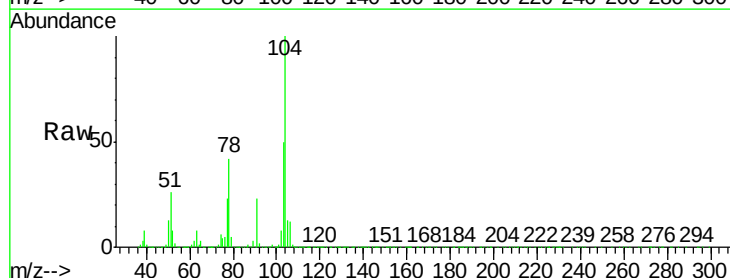
Manual Integrations  
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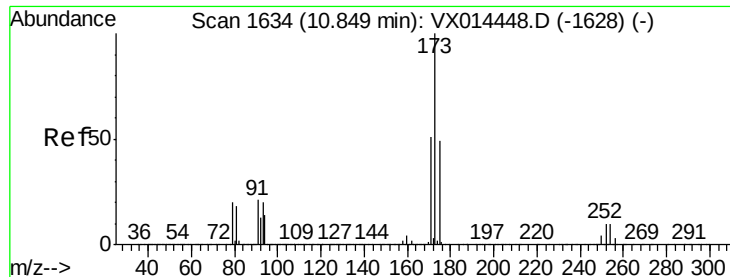


#70  
Styrene  
Concen: 20.227 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 289911 |       |       |
| 78      | 48.9  | 38.6   | 58.0  |       |
| 103     | 53.9  | 43.7   | 65.5  |       |







#71

Bromoform

Concen: 19.032 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion:173 Resp: 73559

Ion Ratio Lower Upper

173 100

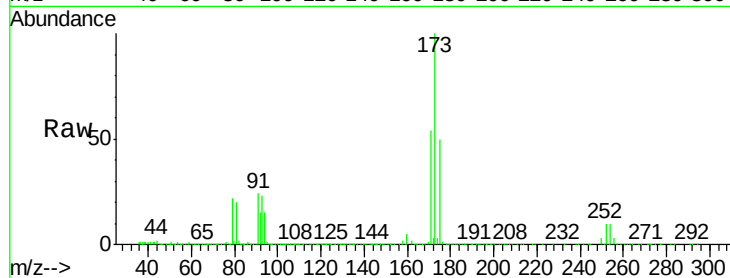
175 49.5 24.3 72.8

254 0.2 0.2 0.2

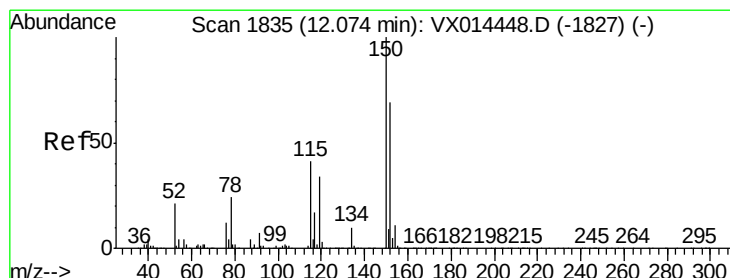
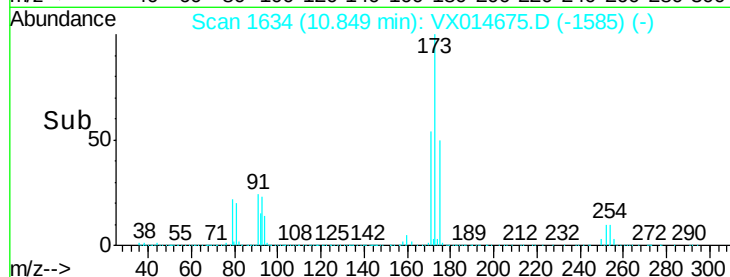
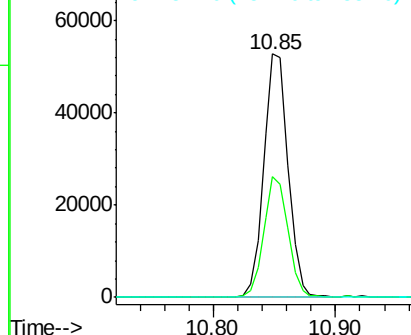
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

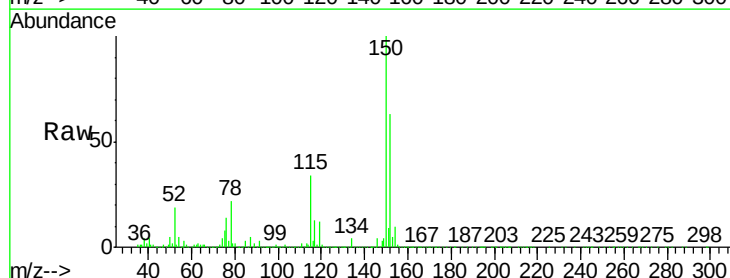
Tgt Ion:152 Resp: 307433

Ion Ratio Lower Upper

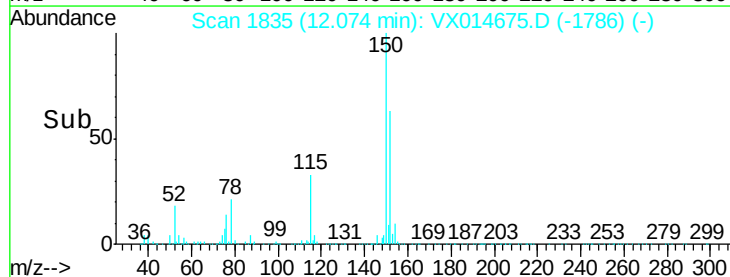
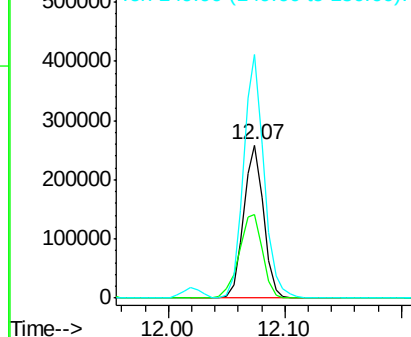
152 100

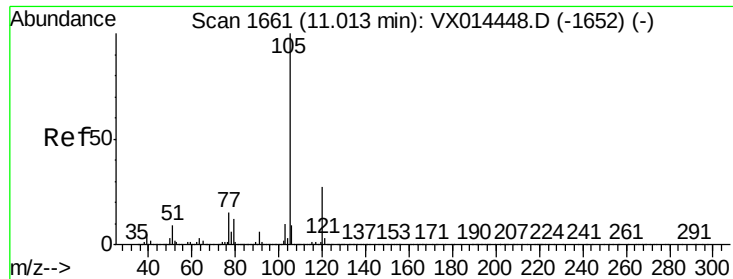
115 64.2 39.5 118.3

150 163.7 0.0 350.2



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: 20.990 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014675.D

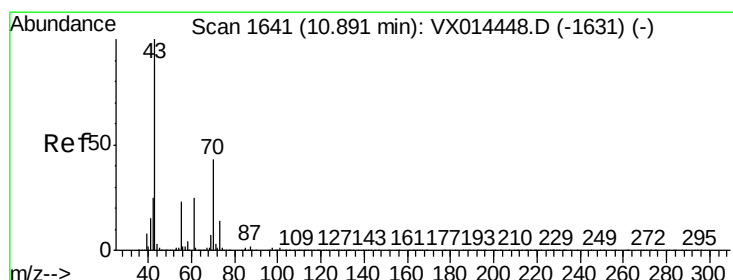
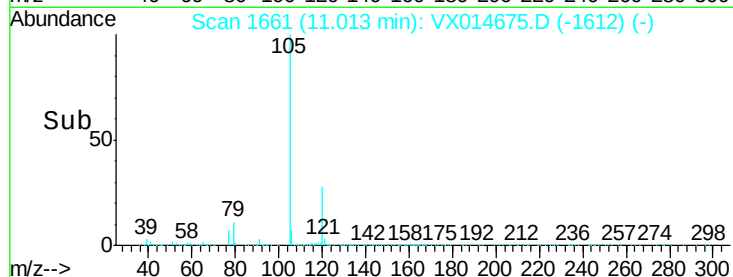
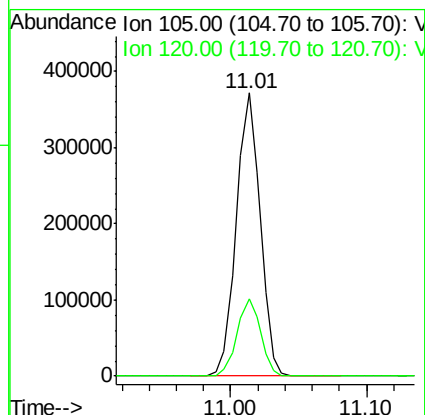
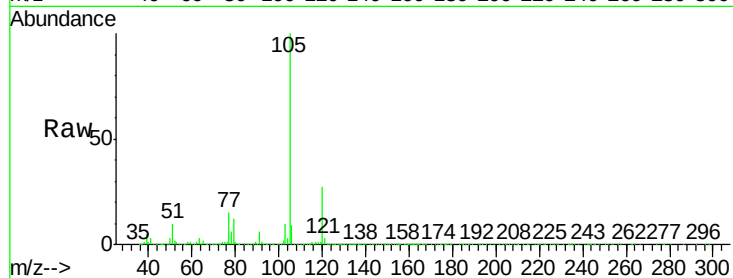
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.1  | 13.4  | 40.2  |

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#74

N-ethyl acetate

Concen: 20.265 ug/l

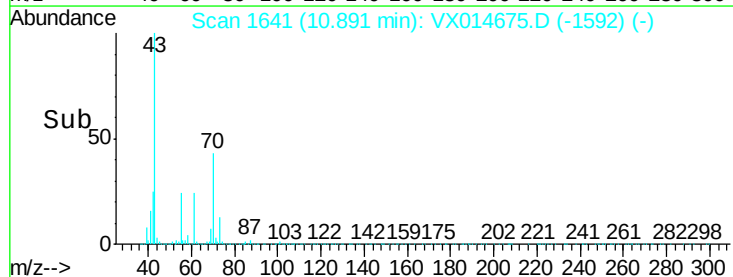
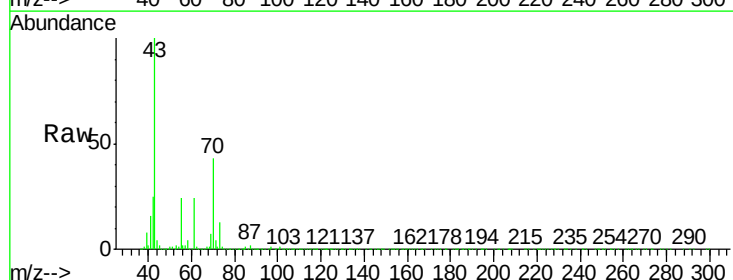
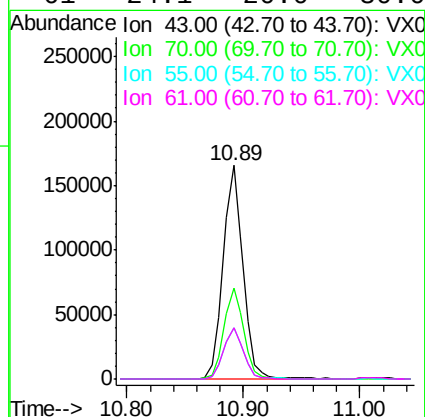
RT: 10.89 min Scan# 1641

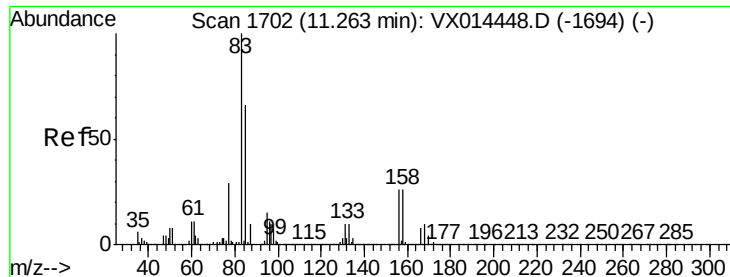
Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 42.5  | 35.1  | 52.7  |
| 55      | 24.2  | 19.3  | 28.9  |
| 61      | 24.1  | 20.0  | 30.0  |





#75

1,1,2,2-Tetrachloroethane

Concen: 21.523 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

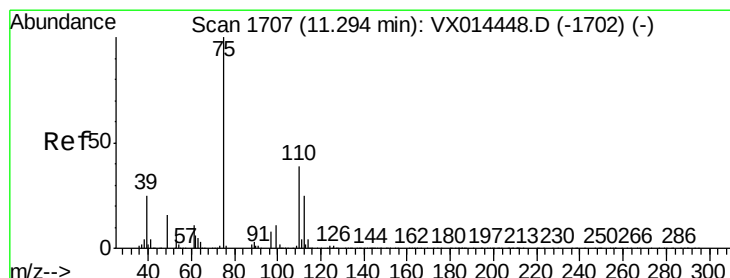
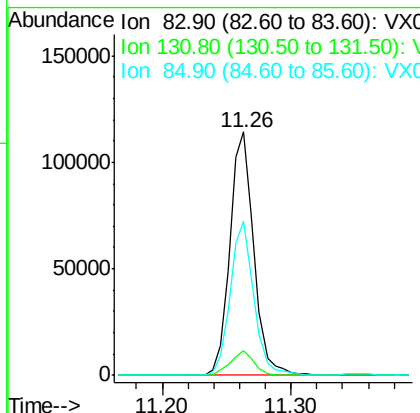
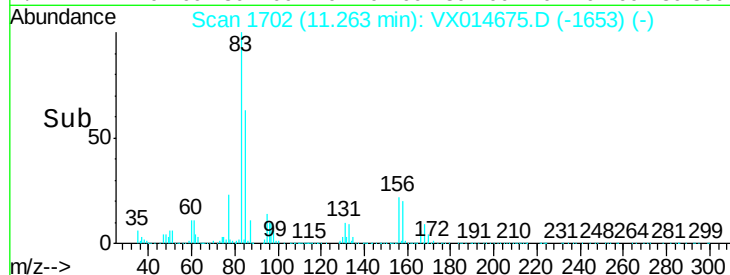
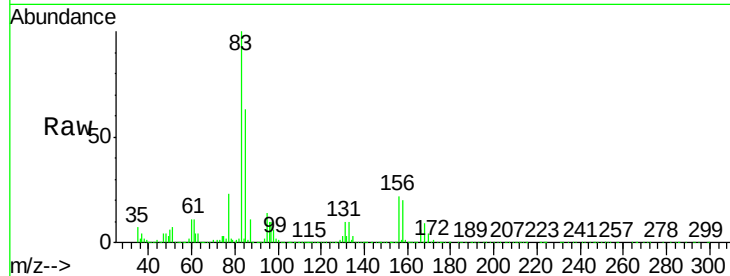
ClientSampled :

VX0121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 149009 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.9   | 5.1   | 15.4   |
| 85        | 62.0  | 32.5  | 97.4   |

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#76

1,2,3-Trichloropropane

Concen: 19.638 ug/l m

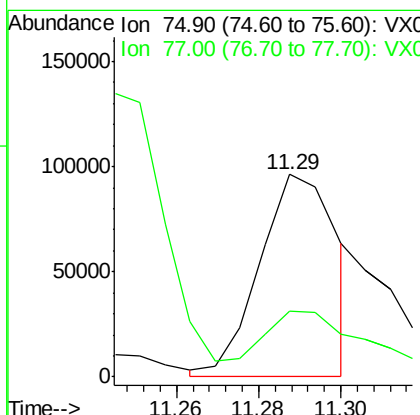
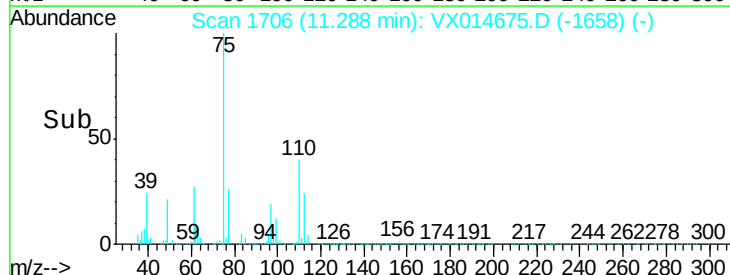
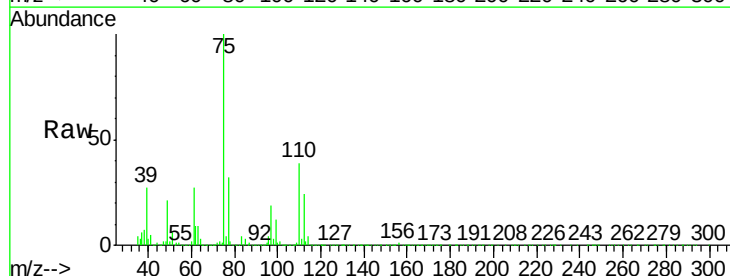
RT: 11.29 min Scan# 1706

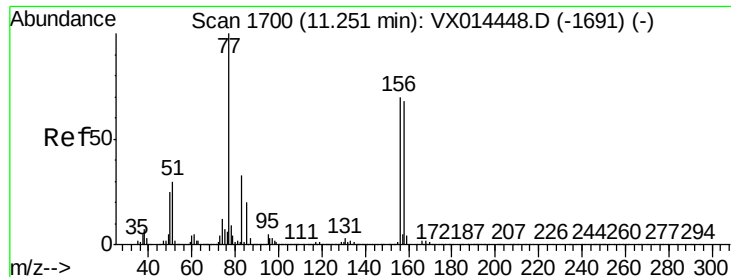
Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 124913 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 44.6  | 21.9  | 65.7   |





#77

Bromobenzene

Concen: 19.665 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

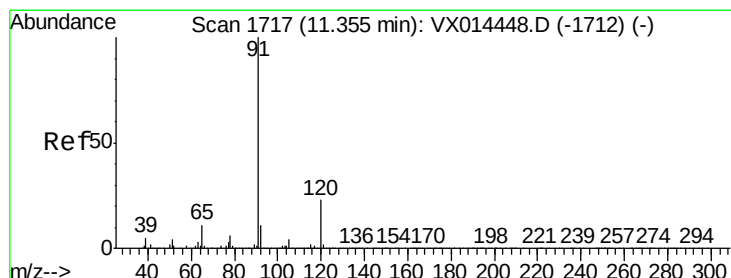
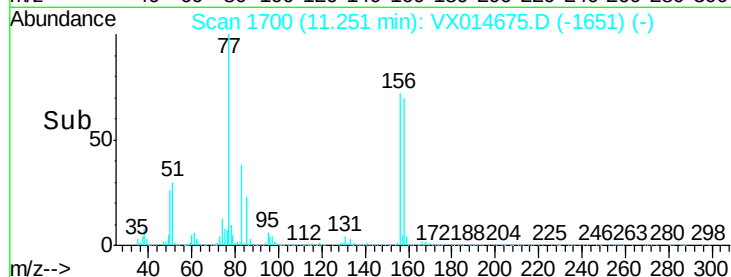
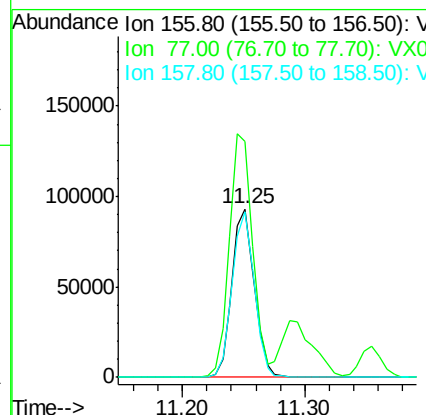
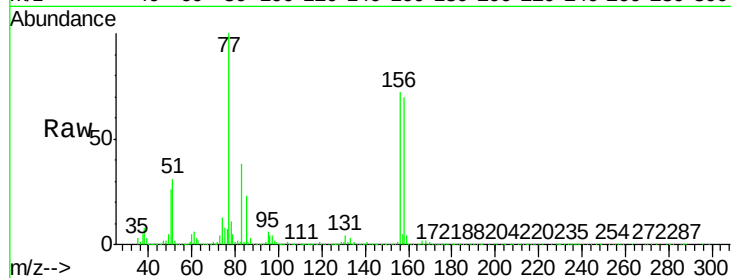
ClientSampleId :

VX0121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 117731 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 149.4 | 75.4  | 226.3  |
| 158       | 96.7  | 48.8  | 146.3  |

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#78

n-propylbenzene

Concen: 20.864 ug/l

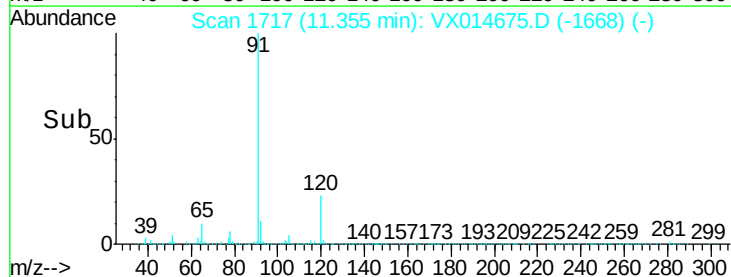
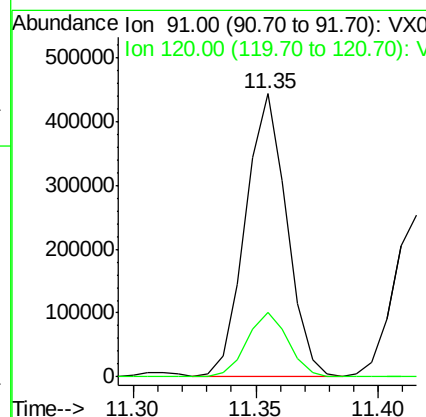
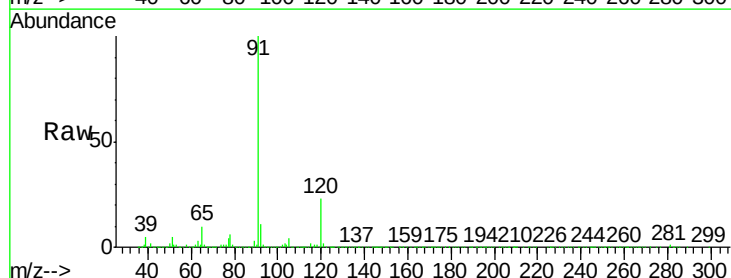
RT: 11.35 min Scan# 1717

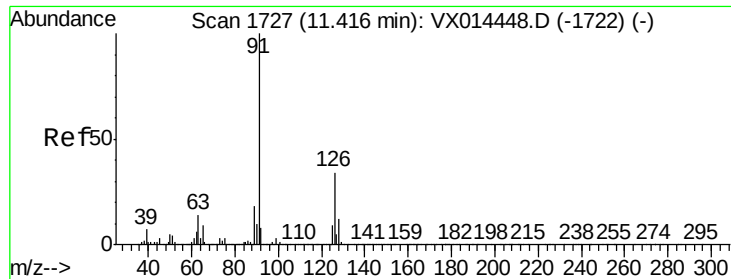
Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 515855 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.9  | 11.9  | 35.5   |





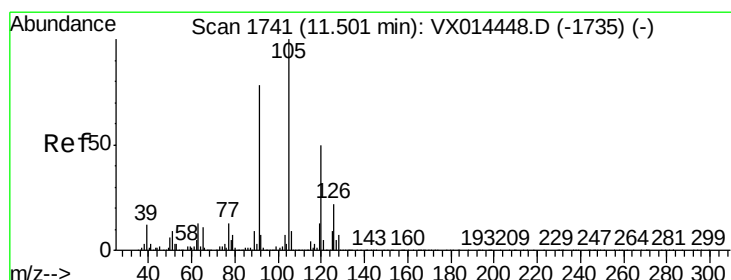
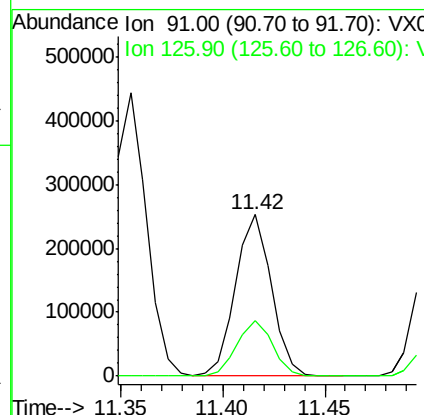
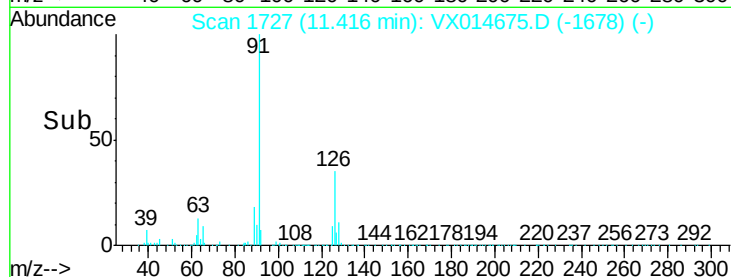
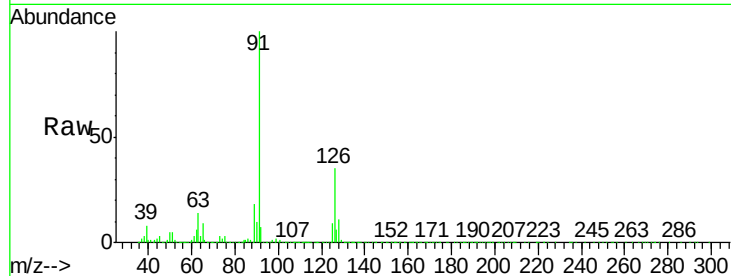
#79  
 2-Chlorotoluene  
 Concen: 20.742 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

Tot Ion: 91 Resp: 305636  
 Ion Ratio Lower Upper  
 91 100  
 126 34.7 17.5 52.5

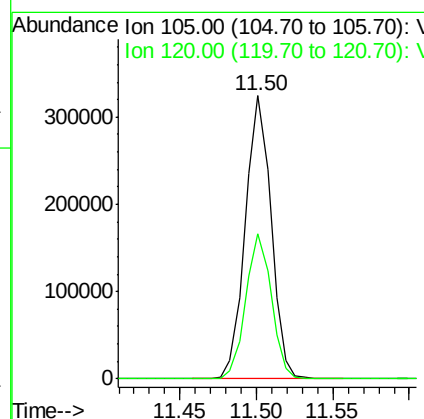
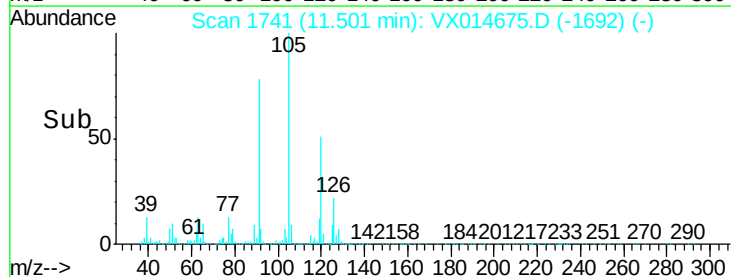
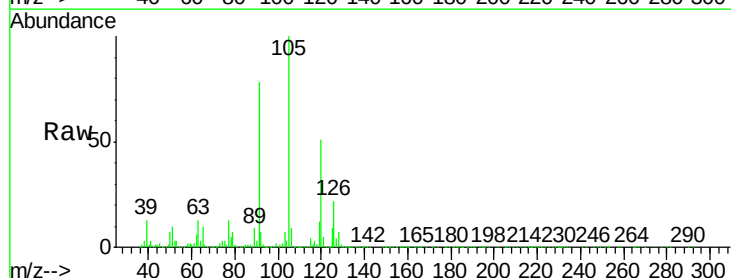
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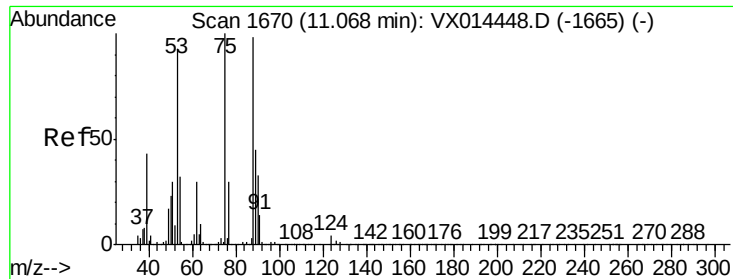
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.154 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Tgt Ion: 105 Resp: 379154  
 Ion Ratio Lower Upper  
 105 100  
 120 50.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.396 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

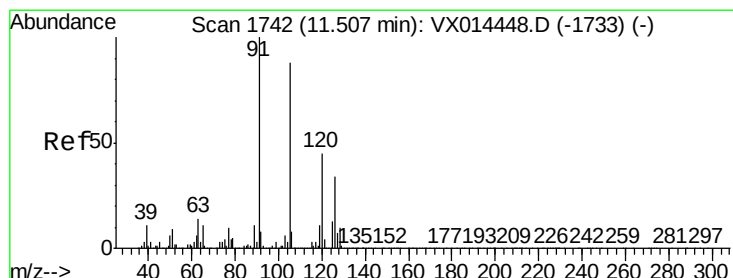
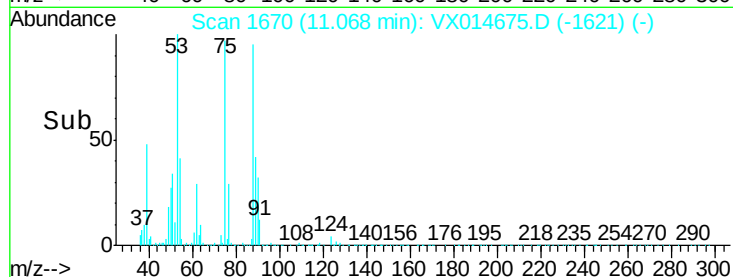
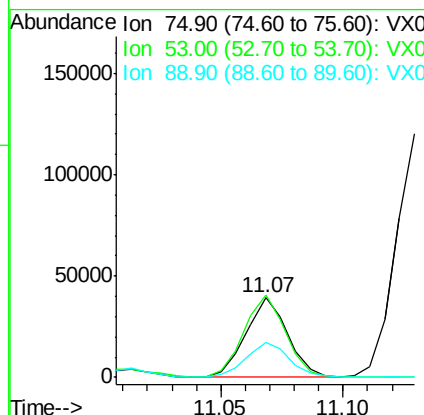
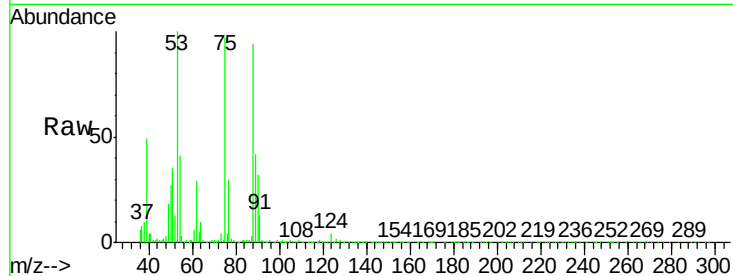
ClientSampleId :

VX0121WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 46666 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 103.2 | 74.8  | 112.2 |
| 89       | 46.0  | 36.3  | 54.5  |

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#82

4-Chlorotoluene

Concen: 20.308 ug/l

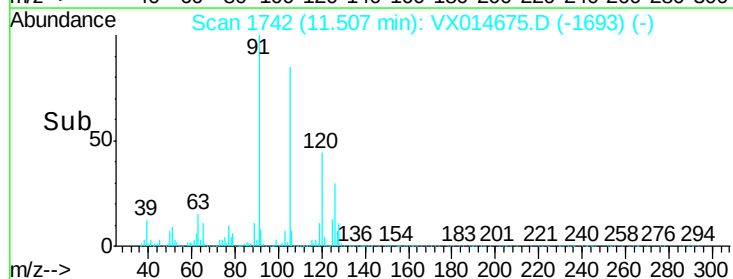
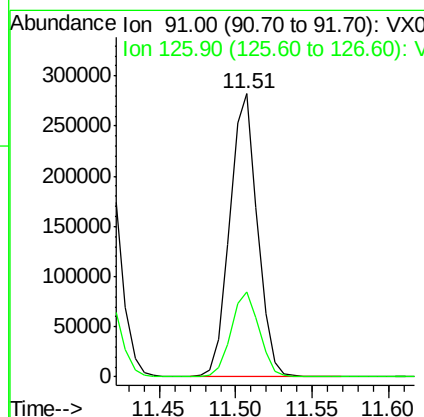
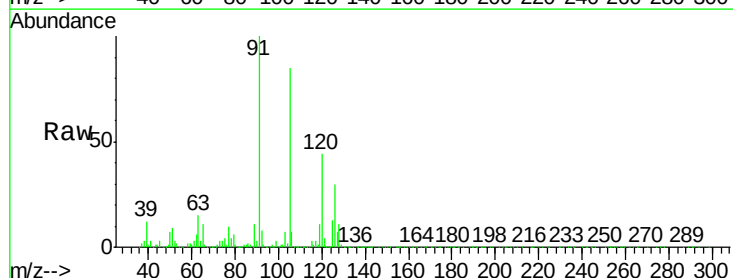
RT: 11.51 min Scan# 1742

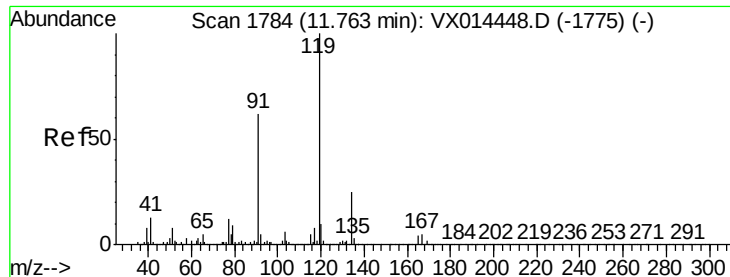
Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 351265 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.4  | 15.9  | 47.7   |





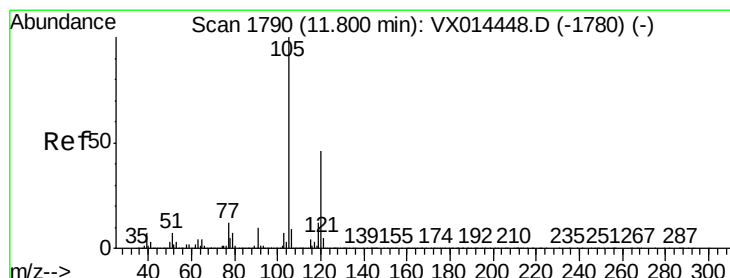
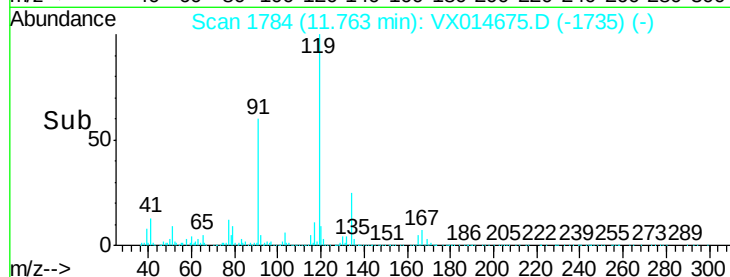
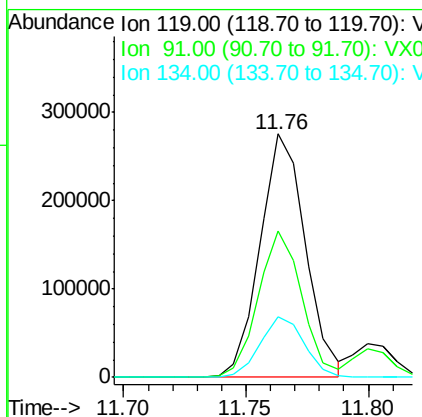
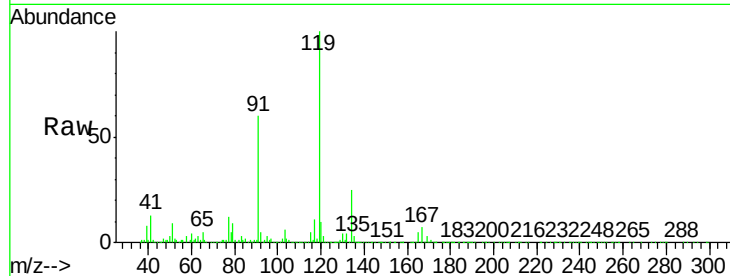
#83  
 tert-Butylbenzene  
 Concen: 20.903 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 353998 |       |       |
| 91      | 57.8  | 29.3   | 88.0  |       |
| 134     | 24.3  | 12.4   | 37.4  |       |

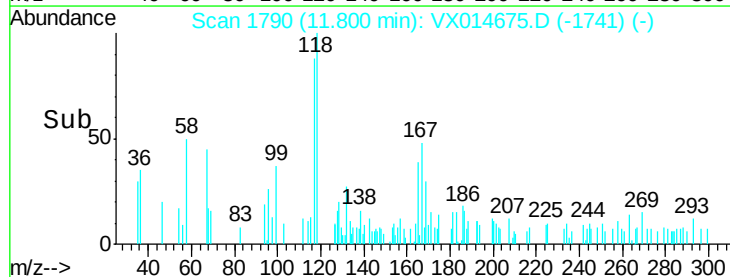
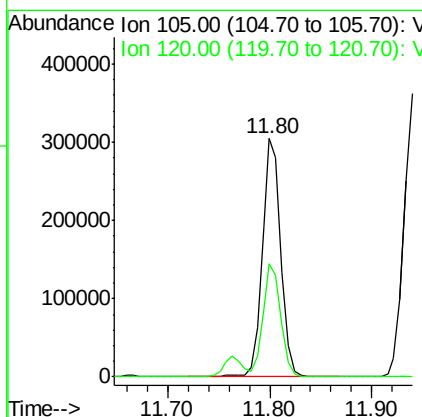
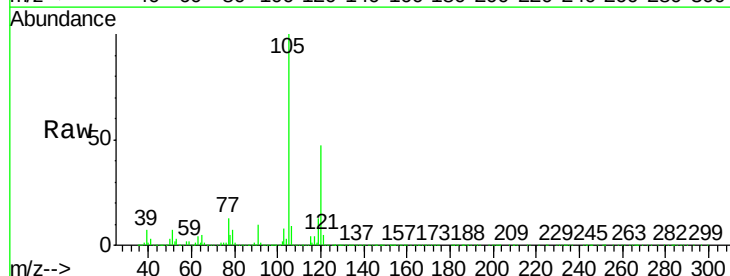
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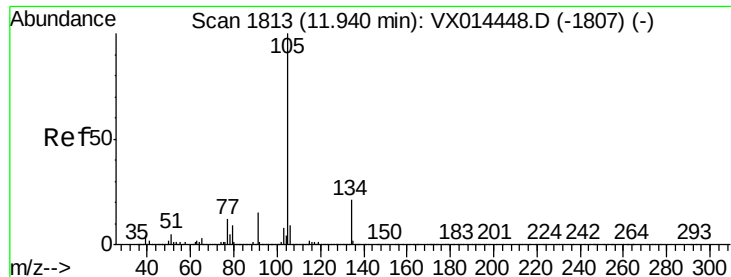
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.117 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 382459 |       |       |
| 120     | 45.7  | 23.1   | 69.3  |       |





#85

sec-Butylbenzene

Concen: 21.032 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

ClientSampleId :

VX0121WBS01

Tot Ion:105 Resp: 442793

Ion Ratio Lower Upper

105 100

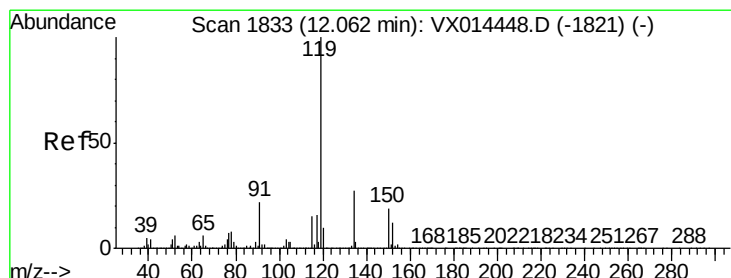
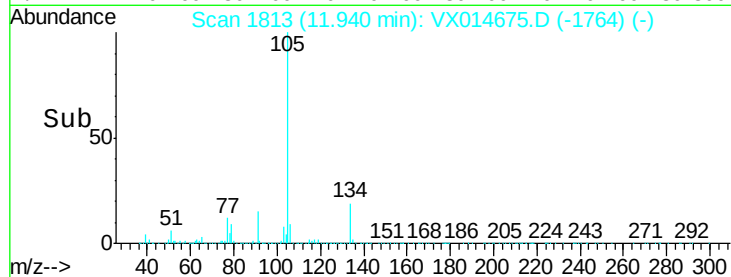
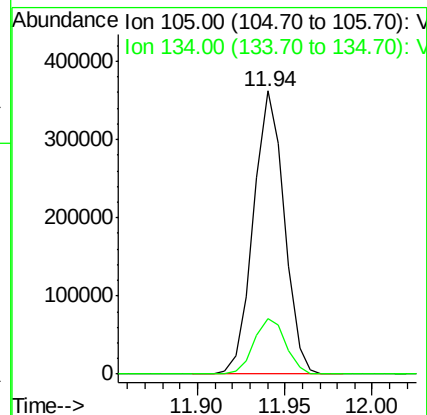
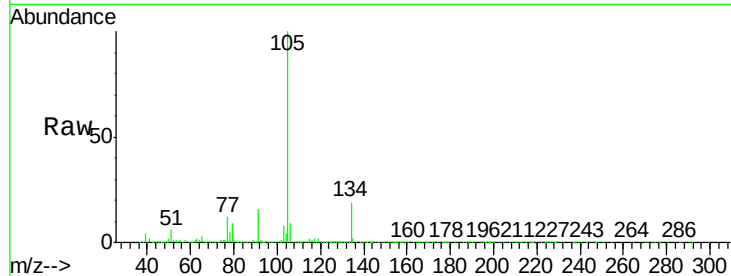
134 20.2 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.932 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

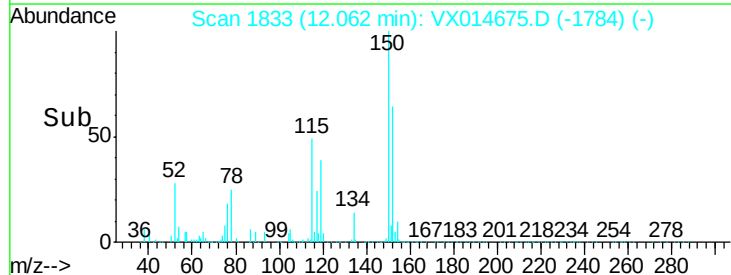
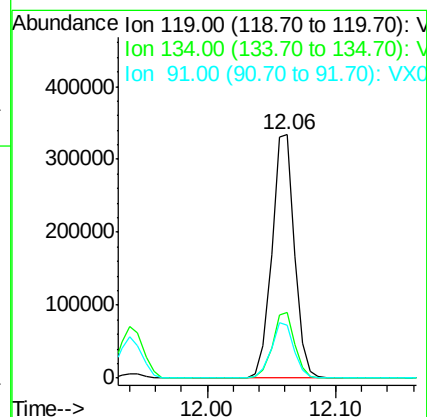
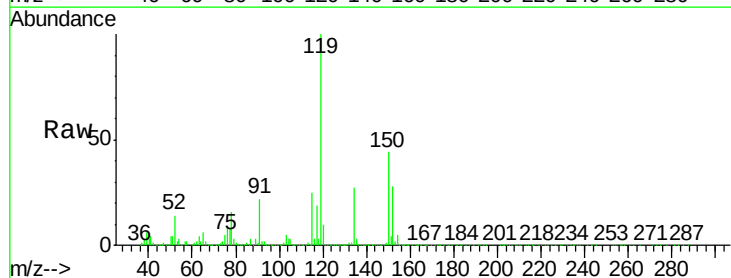
Tgt Ion:119 Resp: 408938

Ion Ratio Lower Upper

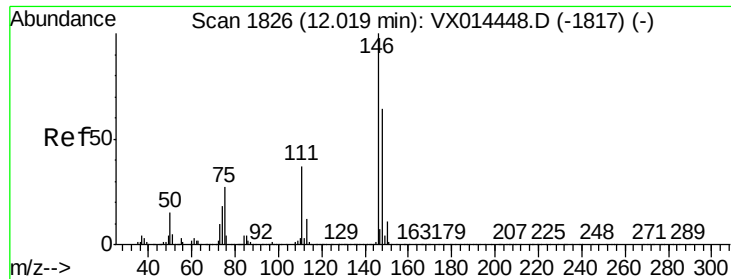
119 100

134 26.2 13.5 40.4

91 22.5 11.1 33.3







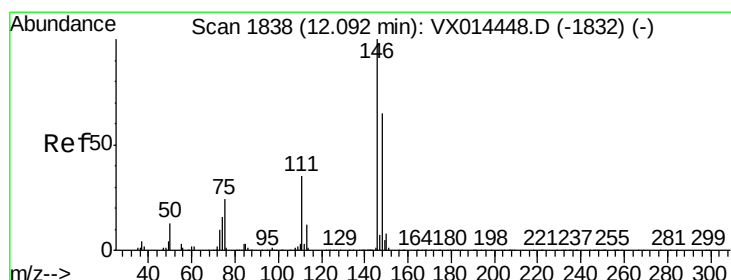
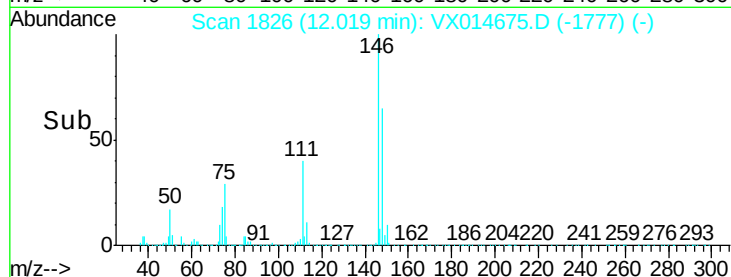
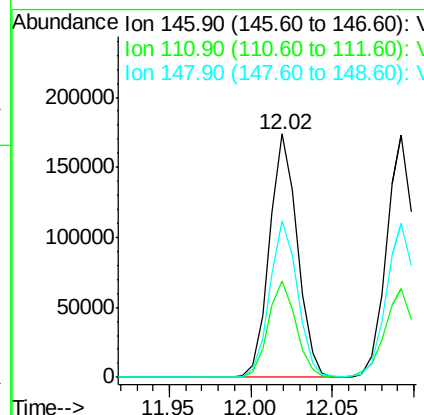
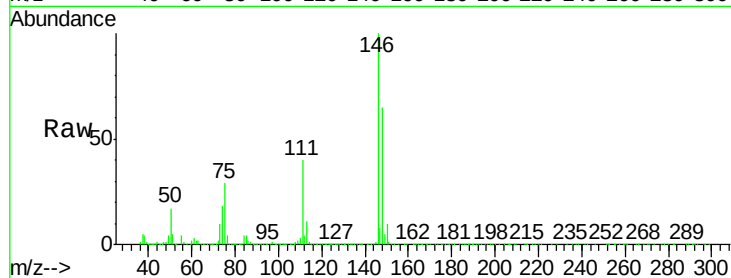
#87  
 1,3-Dichlorobenzene  
 Concen: 19.081 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 18.9  | 56.7  |
| 148     | 64.3  | 32.2  | 96.6  |

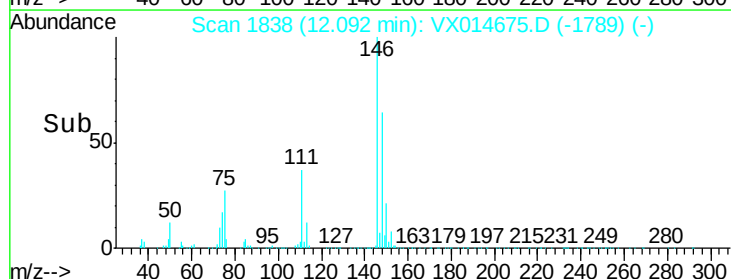
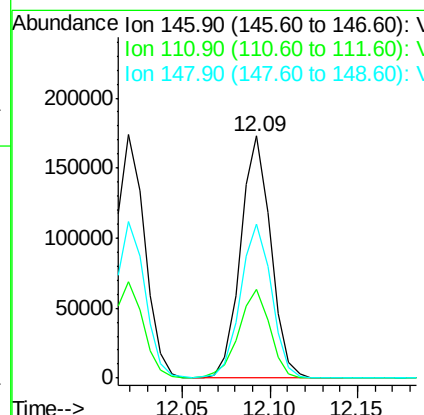
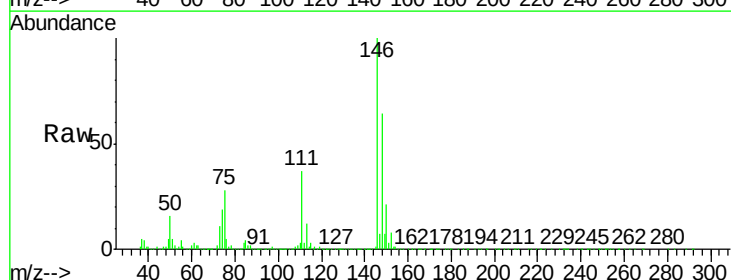
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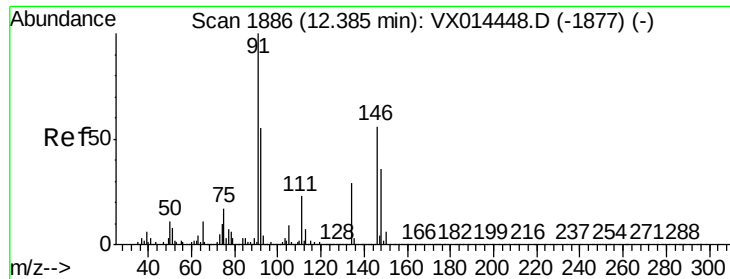
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.156 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX014675.D  
 Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 18.1  | 54.1  |
| 148     | 65.3  | 32.1  | 96.3  |





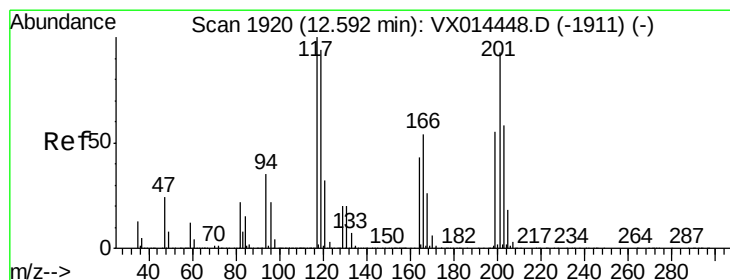
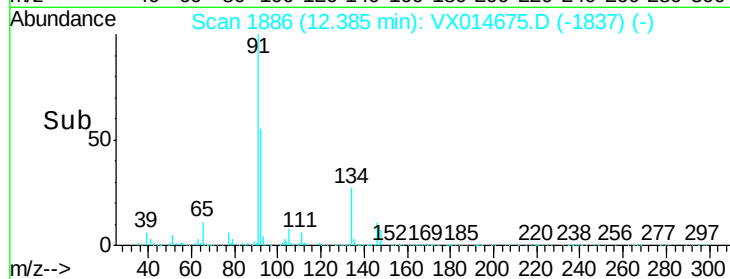
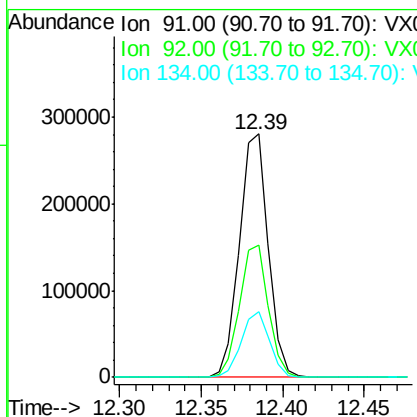
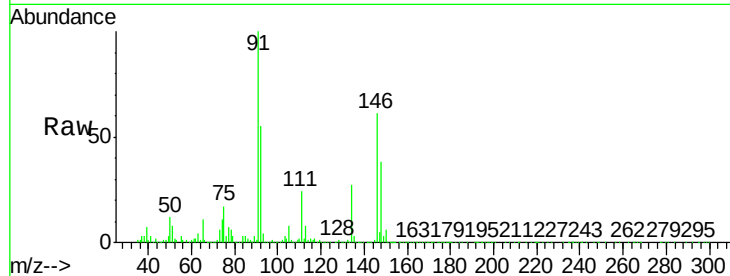
#89  
n-Butylbenzene  
Concen: 19.389 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.6  | 27.4  | 82.2  |
| 134     | 26.3  | 13.9  | 41.7  |

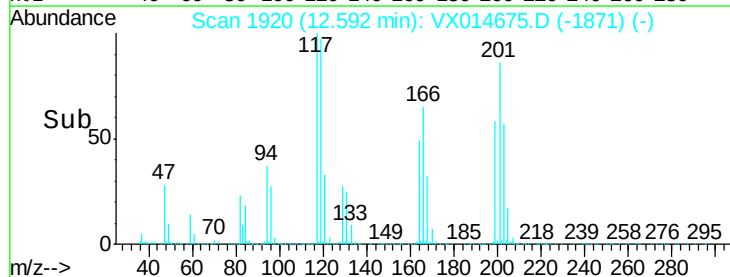
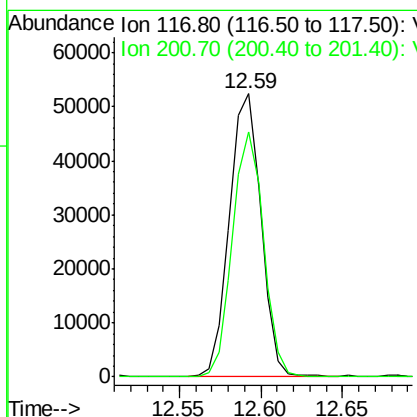
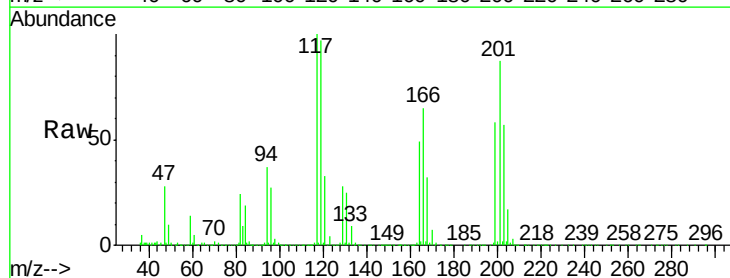
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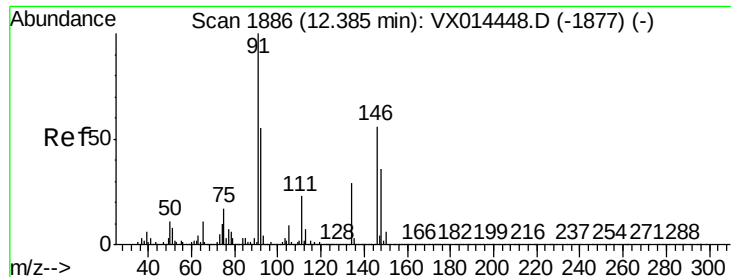
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#90  
Hexachloroethane  
Concen: 20.569 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.5  | 44.8  | 134.3 |





#91

1,2-Dichlorobenzene

Concen: 20.031 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA\_X

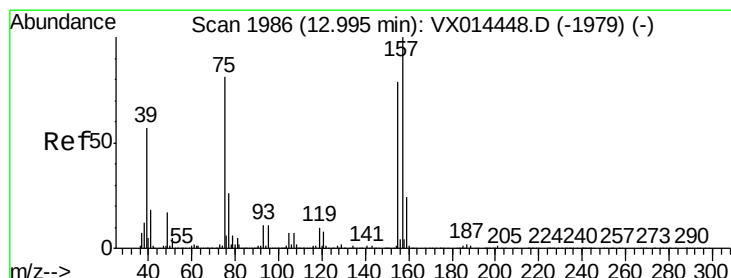
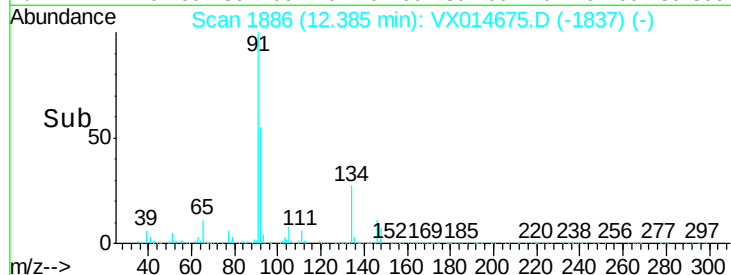
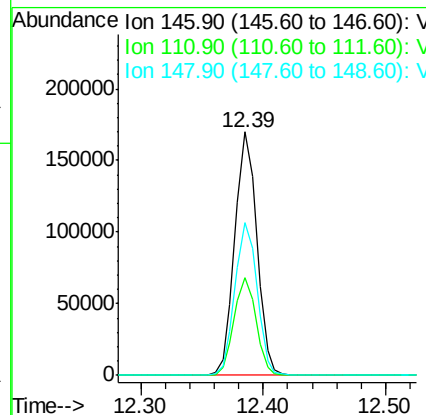
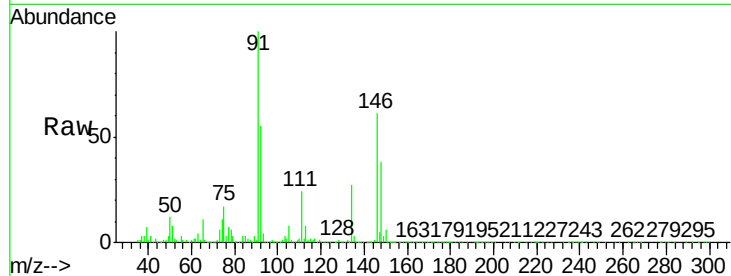
ClientSampleId :

VX0121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 210864 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.9  | 19.8  | 59.4   |
| 148       | 63.4  | 32.3  | 96.8   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.221 ug/l

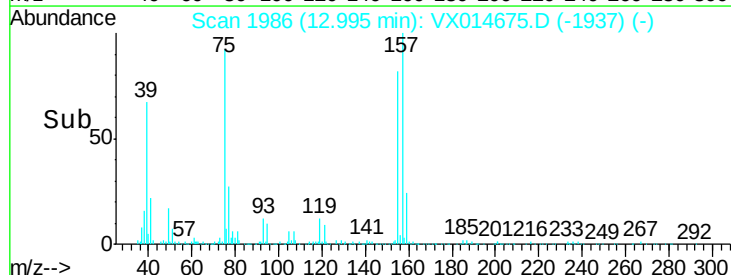
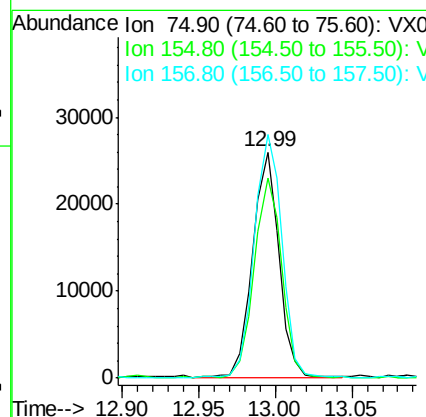
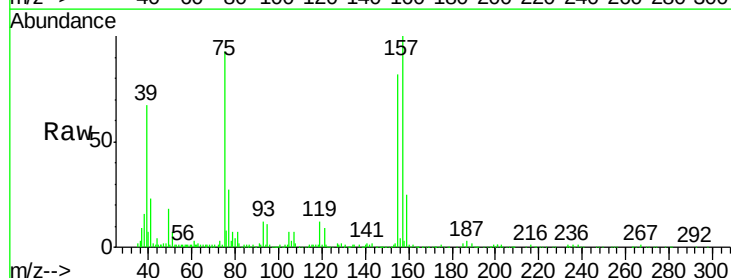
RT: 12.99 min Scan# 1986

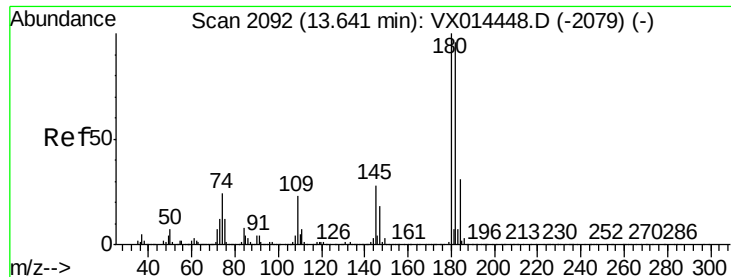
Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 31490 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 92.4  | 48.7  | 146.1 |
| 157       | 113.2 | 62.0  | 185.9 |





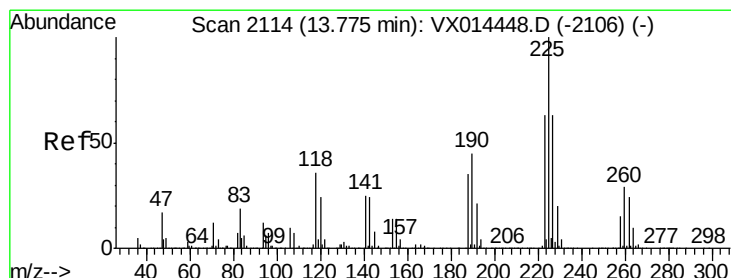
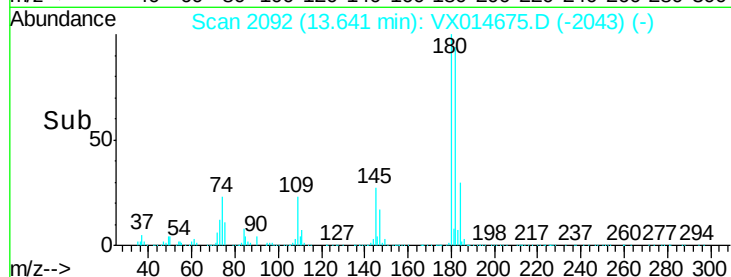
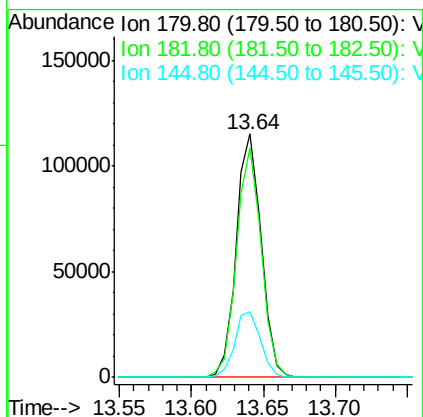
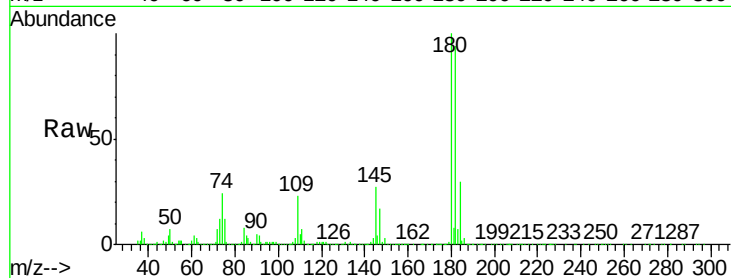
#93  
1,2,4-Trichlorobenzene  
Concen: 18.863 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. 0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 139878 |       |       |
| 182     | 93.6  | 47.5   | 142.5 |       |
| 145     | 28.2  | 13.9   | 41.6  |       |

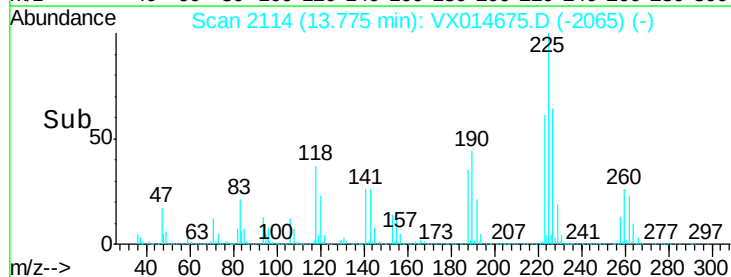
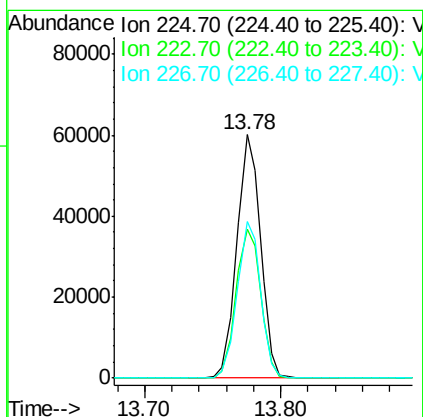
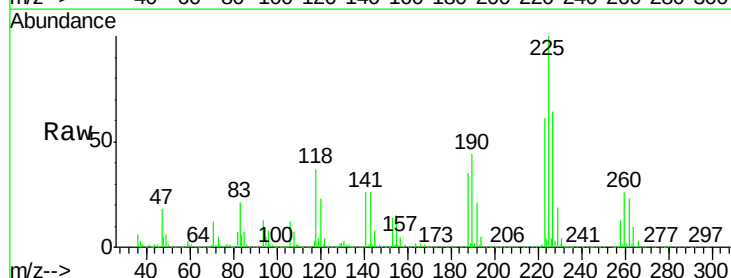
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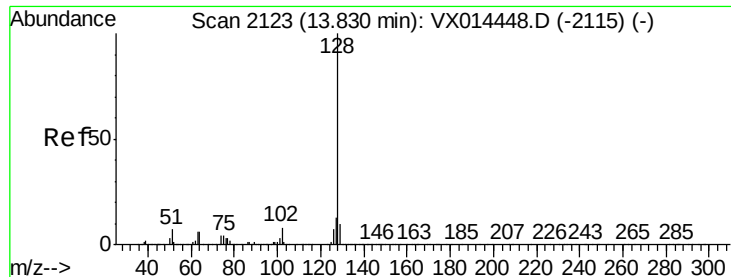
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#94  
Hexachlorobutadiene  
Concen: 21.129 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 72991 |       |       |
| 223     | 63.9  | 31.1  | 93.2  |       |
| 227     | 63.3  | 31.4  | 94.2  |       |





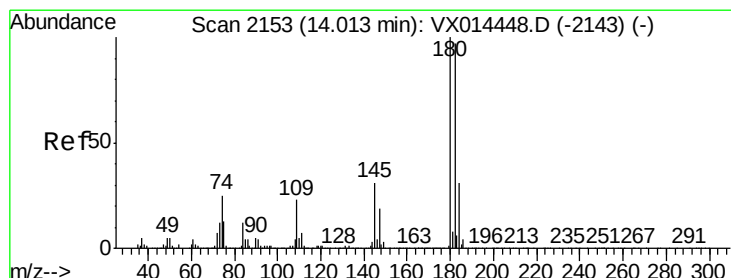
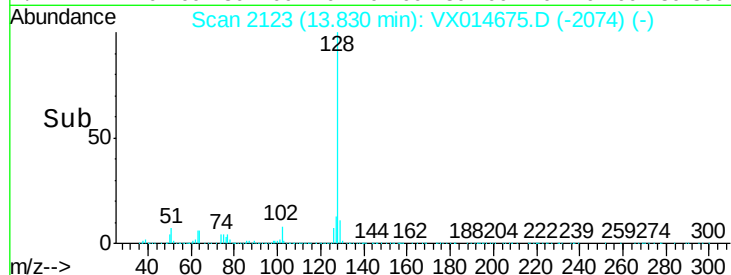
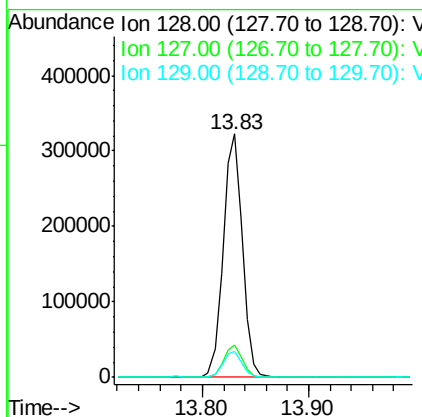
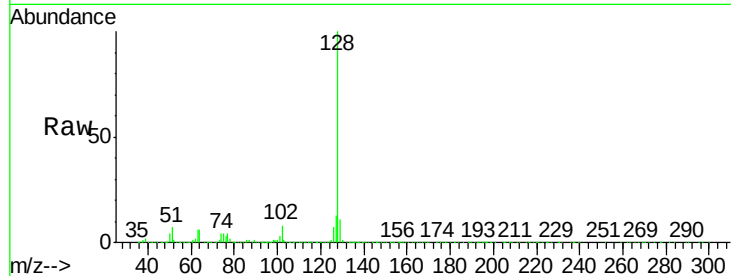
#95  
Naphthalene  
Concen: 17.656 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 404886 |       |       |
| 127     | 12.9  | 10.3   | 15.5  |       |
| 129     | 10.6  | 8.7    | 13.1  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.334 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX014675.D  
Acq: 21 Jan 2020 10:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 141390 |       |       |
| 182     | 94.9  | 47.9   | 143.6 |       |
| 145     | 29.9  | 14.8   | 44.3  |       |

