

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\  
 Data File : VX006583.D  
 Acq On : 17 Dec 2018 19:52  
 Operator : JC/MD  
 Sample : J6405-06MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

Manual Integrations  
 APPROVED

MMDadoda  
 12/18/2018 9:44:57 AM

Quant Time: Dec 18 01:37:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 574159   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 915965   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 839832   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 424378   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 297112   | 50.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.38% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 270112   | 45.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.10%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 985692   | 45.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.38%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 369253   | 45.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.84%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 247886  | 44.094  | ug/l | 98     |
| 3) Chloromethane              | 1.33 | 50  | 270669  | 46.852  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 298624  | 48.028  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 286822  | 66.562  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 194016  | 50.892  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 482345  | 50.537  | ug/l | 97     |
| 8) Diethyl Ether              | 2.19 | 74  | 184905  | 51.189  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 295350  | 54.421  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 442332  | 54.082  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 386041  | 240.836 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 267786  | 51.543  | ug/l | 94     |
| 13) Acrolein                  | 2.30 | 56  | 250570  | 286.007 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 455837  | 44.416  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 852421  | 254.842 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 717687  | 260.916 | ug/l | 97     |
| 17) Carbon Disulfide          | 2.57 | 76  | 667319  | 41.684  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 448537  | 48.761  | ug/l | 96     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 922591  | 49.779  | ug/l | 100    |
| 20) Methylene Chloride        | 2.86 | 84  | 300053  | 51.256  | ug/l | 93     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 280430  | 50.651  | ug/l | 93     |
| 22) Diisopropyl ether         | 3.87 | 45  | 844226  | 52.665  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.82 | 43  | 3122571 | 228.385 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 481851  | 52.590  | ug/l | 100    |
| 25) 2-Butanone                | 4.70 | 43  | 1072099 | 273.162 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 317358  | 37.531  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 337682  | 54.680  | ug/l | 97     |
| 28) Bromochloromethane        | 5.02 | 49  | 206534  | 51.606  | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 732019  | 268.364 | ug/l | 98     |
| 30) Chloroform                | 5.21 | 83  | 523408  | 54.360  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 429063  | 50.672  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 449997  | 49.119  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 380434  | 49.321  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 383458  | 44.392  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 368549  | 40.615  | ug/l | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121718\  
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 Sample : J6405-06MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

Manual Integrations  
 APPROVED

MMDadoda  
 12/18/2018 9:44:57 AM

Quant Time: Dec 18 01:37:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 470640   | 47.006   | ug/l   | 97       |
| 40) Benzene                    | 6.14  | 78   | 1177892  | 50.986   | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 230600   | 48.516   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 396655   | 52.461   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 618607   | 42.953   | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 1163648  | 166.267  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 288217   | 49.088   | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 211521   | 49.881   | ug/l   | 94       |
| 47) Bromodichloromethane       | 7.90  | 83   | 362094   | 44.094   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 320889   | 45.800   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 180460   | 1045.037 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 2045870  | 244.020  | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 779001   | 51.254   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 387551   | 40.354   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 429038   | 43.022   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 318640   | 51.605   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 440902   | 45.675   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 509168   | 52.148   | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 1553539  | 242.535  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 305391   | 40.110   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 345955   | 50.108   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 321218   | 50.788   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 888176   | 49.820   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 296965   | 42.872   | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1471390  | 49.623   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 1161242  | 97.769   | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 576132   | 49.108   | ug/l   | 100      |
| 70) Stvrene                    | 10.71 | 104  | 920953   | 48.535   | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 219921   | 33.634   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 1524267  | 52.010   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 496995   | 39.381   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 463149   | 49.398   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 425087m  | 51.896   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 396929   | 48.803   | ug/l   | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 1666481  | 51.154   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 990571   | 51.158   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 1243060  | 50.978   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 108661   | 31.131   | ug/l # | 78       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1137913  | 50.546   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 1265158  | 48.628   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1285906  | 51.071   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1511672  | 51.073   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1349366  | 50.629   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 715249   | 49.423   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 716313   | 48.766   | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 1124067  | 49.430   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 187441   | 34.507   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 711441   | 49.533   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 97072    | 40.389   | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 490978   | 46.855   | ug/l   | 99       |

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Operator : JC/MD  
Sample : J6405-06MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

Manual Integrations  
APPROVED

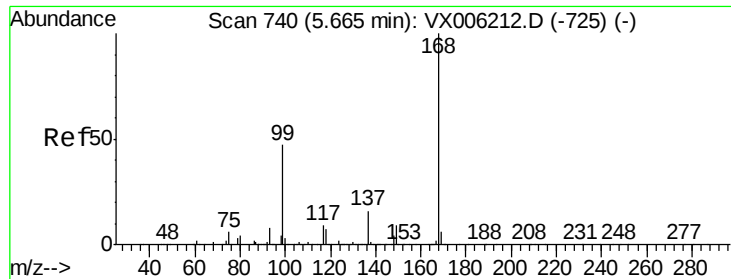
MMDadoda  
12/18/2018 9:44:57 AM

Quant Time: Dec 18 01:37:10 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 30 03:55:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 214983   | 46.392 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 1615246  | 49.555 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 498536   | 48.034 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion:168 Resp: 574159

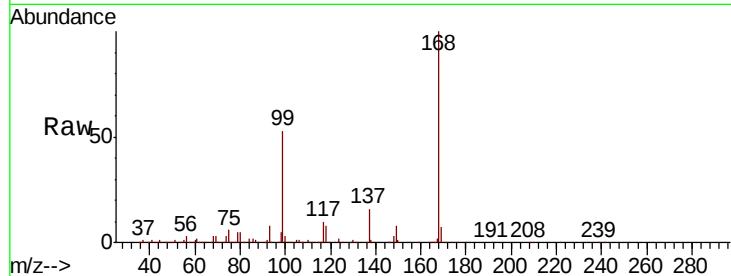
Ion Ratio Lower Upper

168 100

99 52.9 37.8 56.8

Manual Integrations  
APPROVED

MMDadoda  
12/18/2018 9:44:57 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

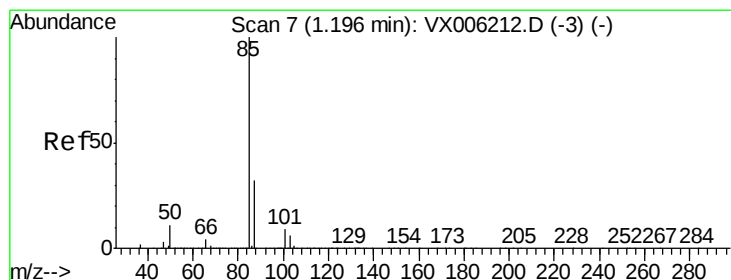
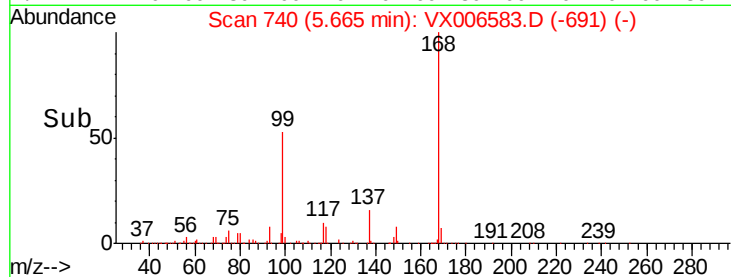
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.094 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006583.D

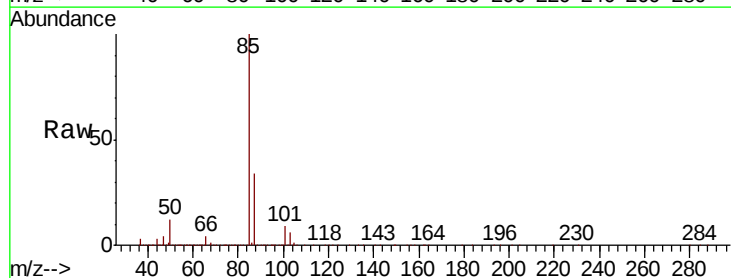
Acq: 17 Dec 2018 19:52

Tgt Ion: 85 Resp: 247886

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

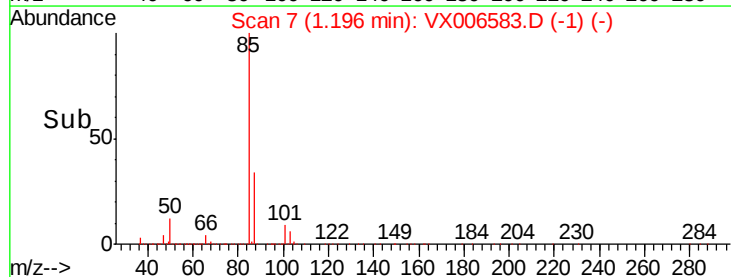
100000

50000

0

Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 46.852 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 50 Resp: 270669

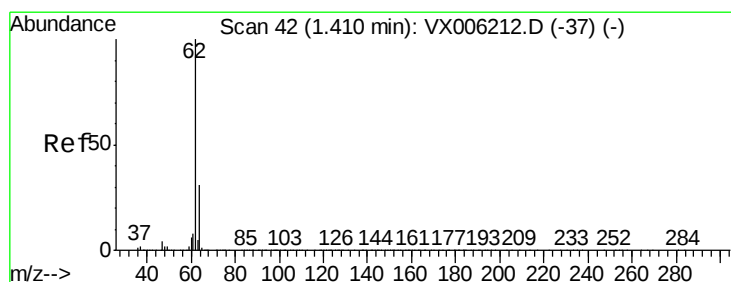
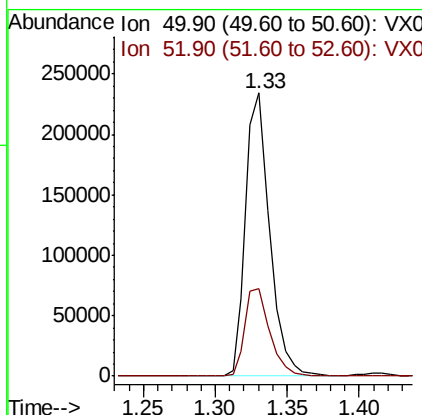
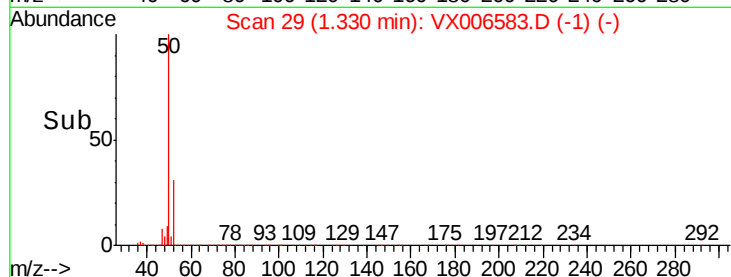
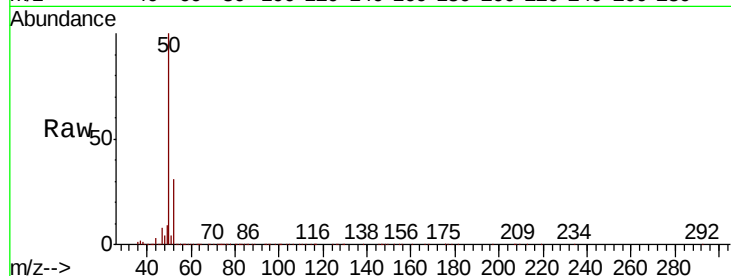
Ion Ratio Lower Upper

50 100

52 31.1 25.2 37.8

Manual Integrations  
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12/18/2018 9:44:57 AM



#4

Vinyl Chloride

Concen: 48.028 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006583.D

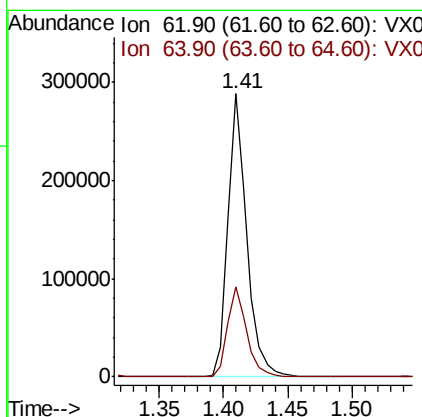
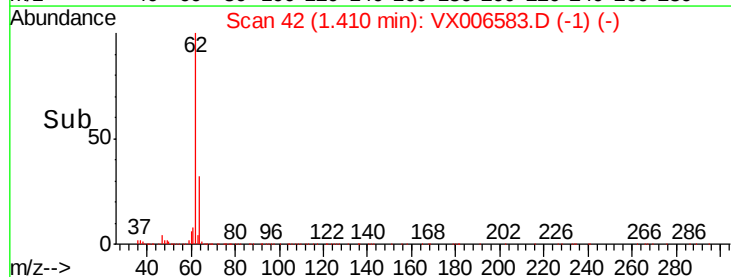
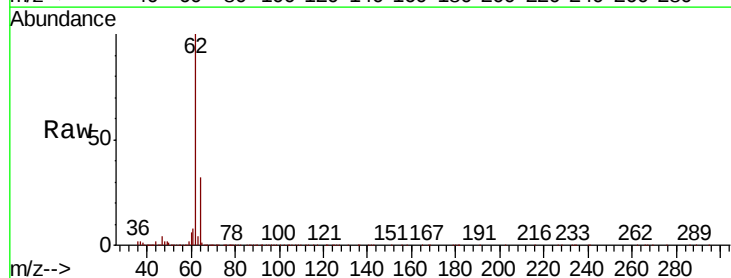
Acq: 17 Dec 2018 19:52

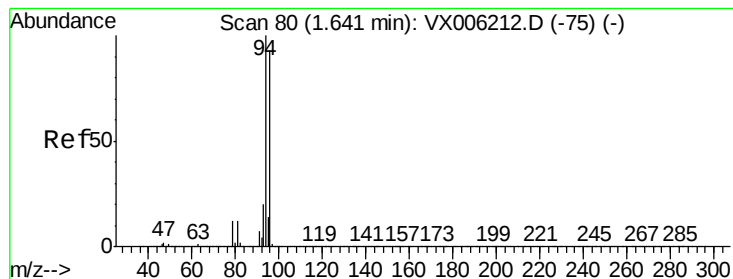
Tgt Ion: 62 Resp: 298624

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 66.562 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 94 Resp: 286822

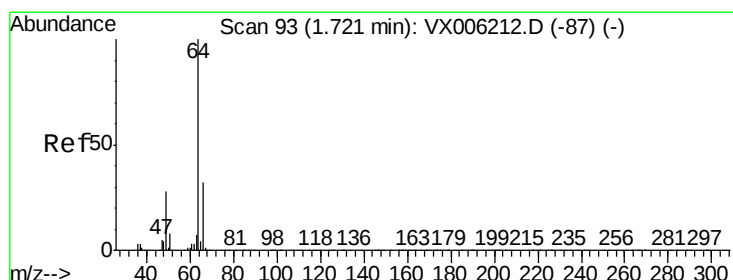
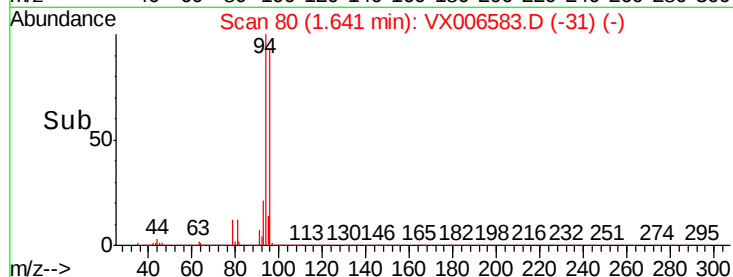
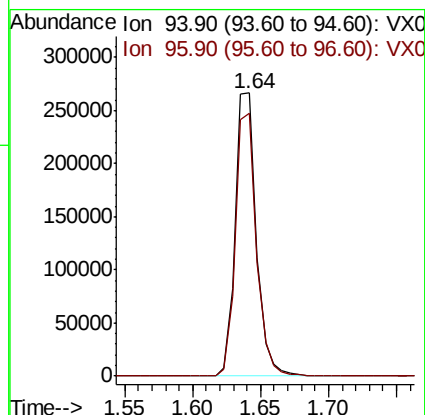
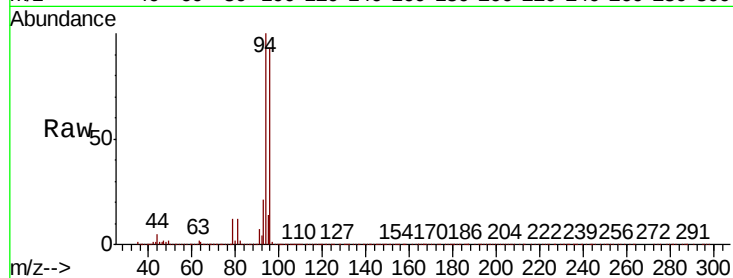
Ion Ratio Lower Upper

94 100

96 92.9 74.5 111.7

Manual Integrations  
APPROVED

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12/18/2018 9:44:57 AM



#6

Chloroethane

Concen: 50.892 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006583.D

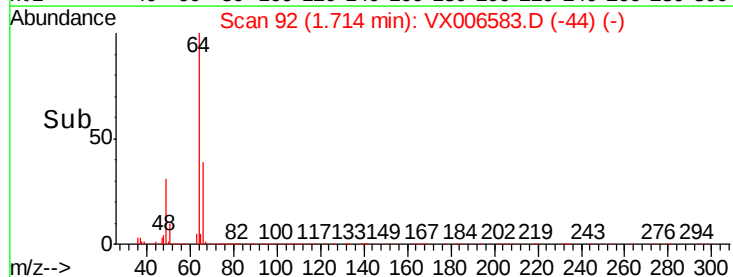
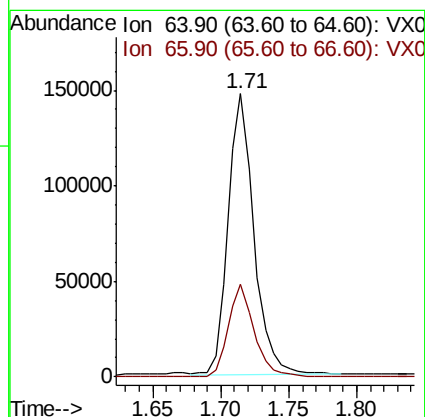
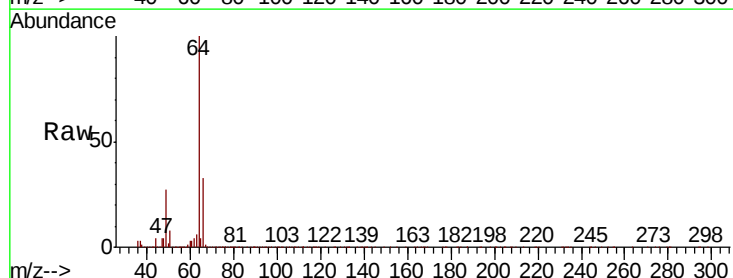
Acq: 17 Dec 2018 19:52

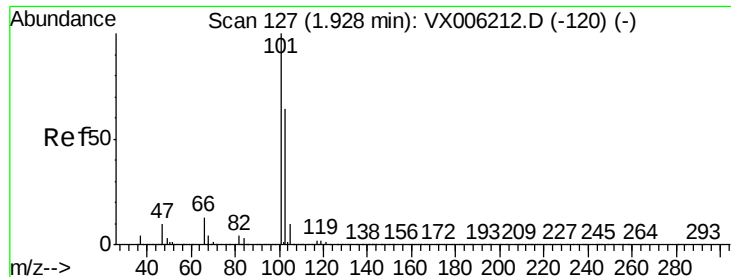
Tgt Ion: 64 Resp: 194016

Ion Ratio Lower Upper

64 100

66 32.7 25.9 38.9





#7

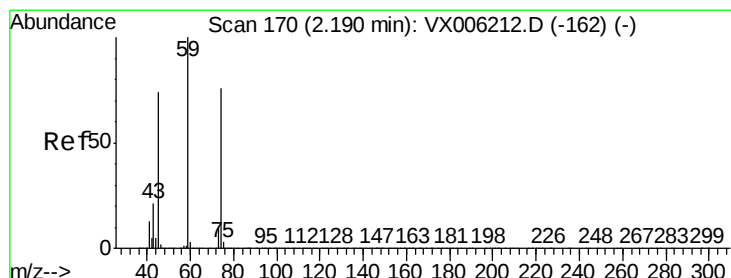
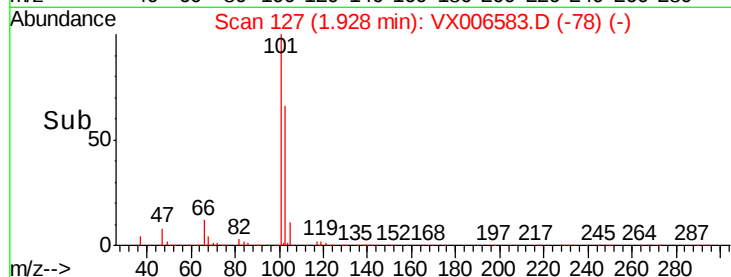
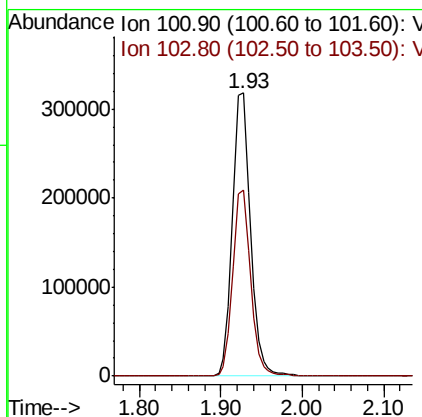
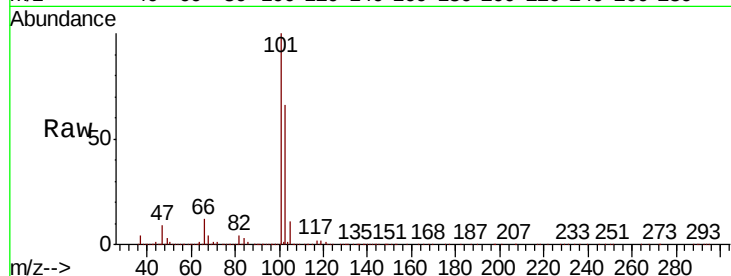
Trichlorofluoromethane  
Concen: 50.537 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.8  | 51.0  | 76.4  |

Manual Integrations  
APPROVED

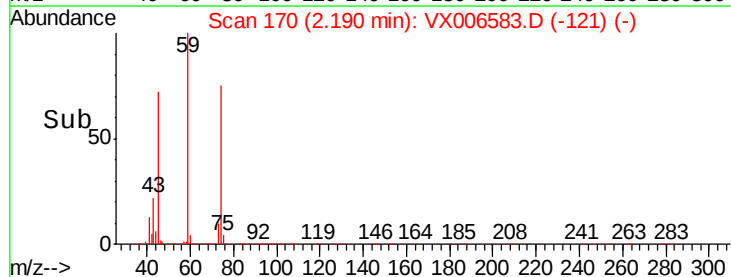
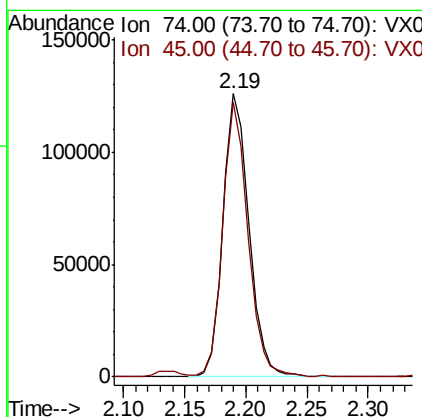
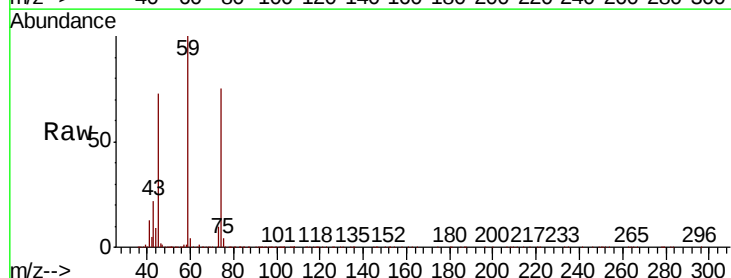
MMDadoda  
12/18/2018 9:44:57 AM

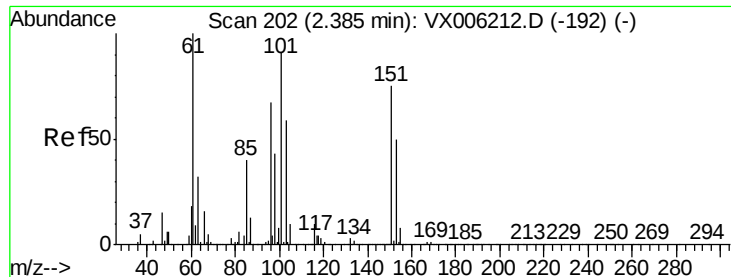


#8

Diethyl Ether  
Concen: 51.189 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.2  | 49.5  | 148.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.421 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

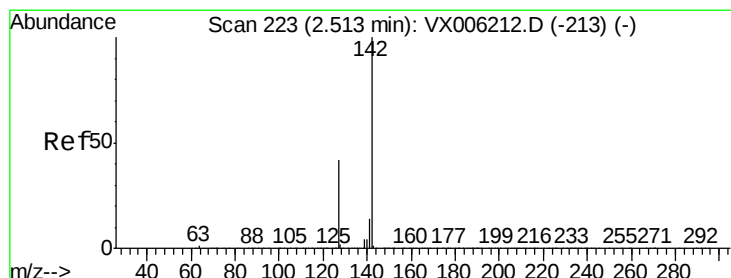
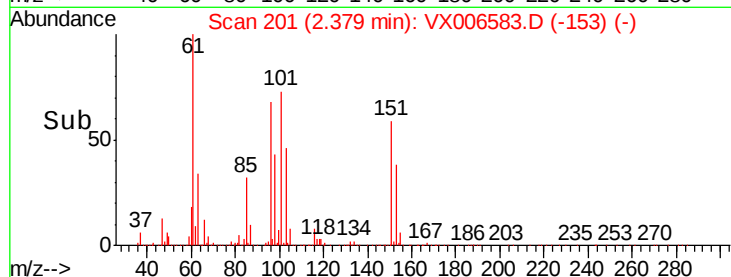
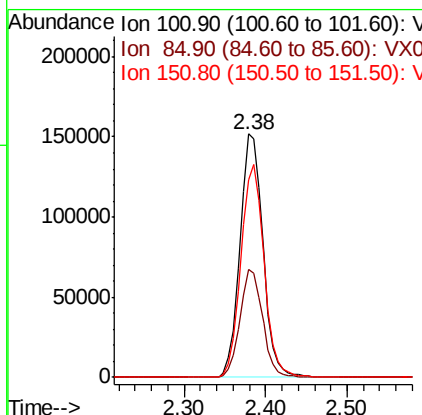
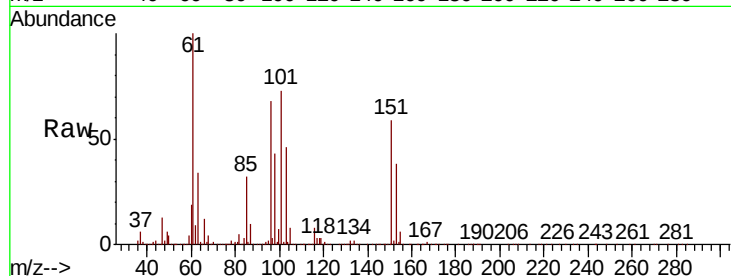
ClientSampleId :

RE105D1-20181210MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 295350 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.6  | 35.5  | 53.3   |
| 151       | 88.0  | 68.6  | 103.0  |

Manual Integrations  
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MMDadoda  
12/18/2018 9:44:57 AM



#10

Methyl Iodide

Concen: 54.082 ug/l

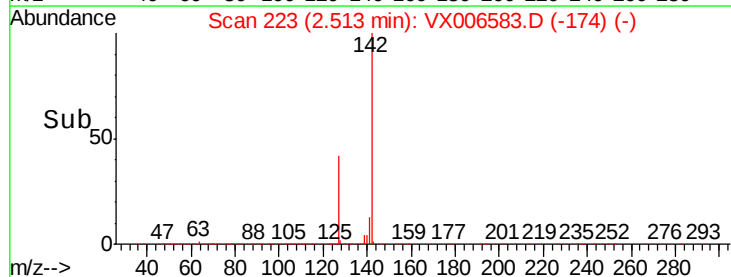
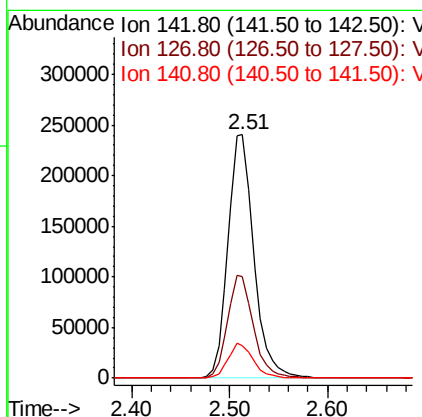
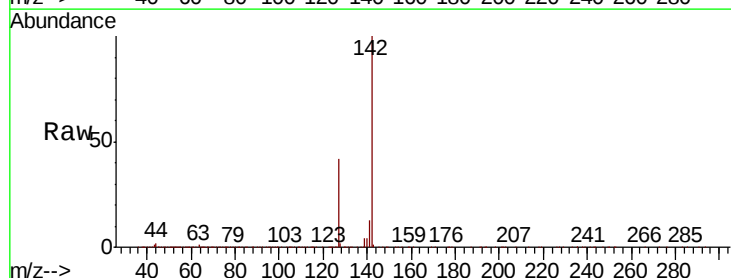
RT: 2.51 min Scan# 223

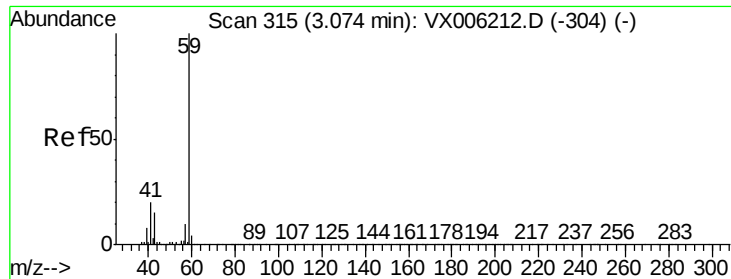
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 442332 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.2  | 34.8  | 52.2   |
| 141       | 14.1  | 11.4  | 17.2   |





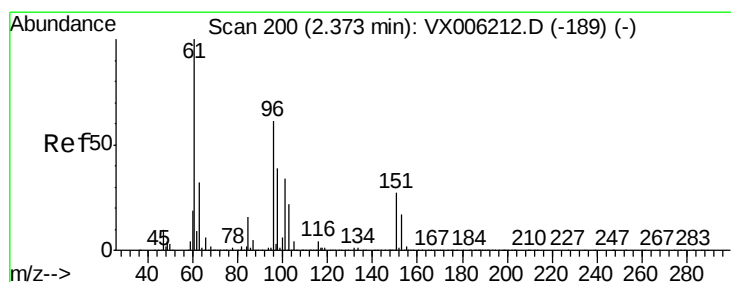
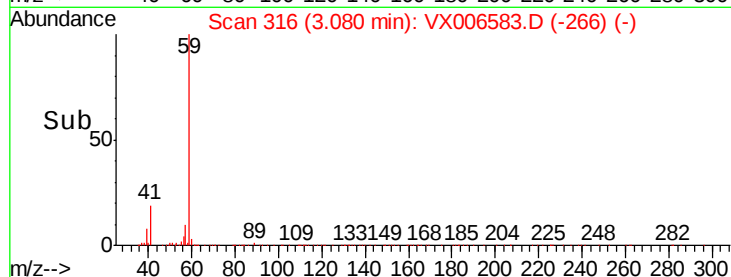
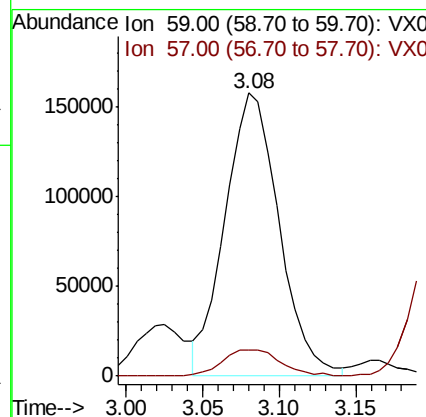
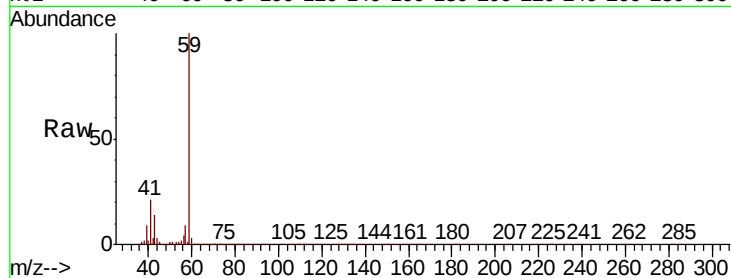
#11  
Tert butyl alcohol  
Concen: 240.836 ug/l  
RT: 3.08 min Scan# 316  
Delta R.T. 0.01 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.8   | 8.2   | 12.2  |

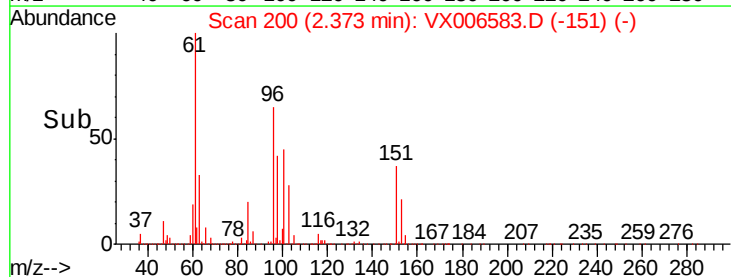
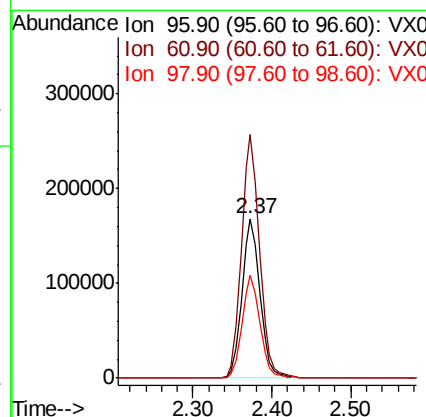
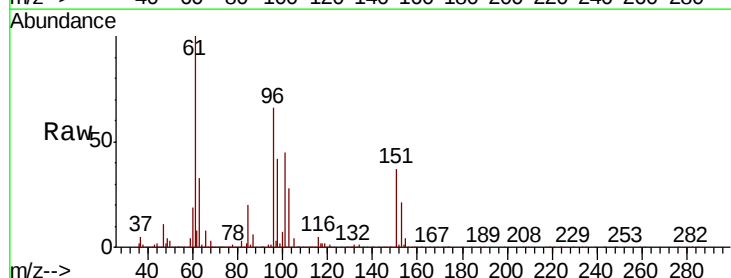
Manual Integrations  
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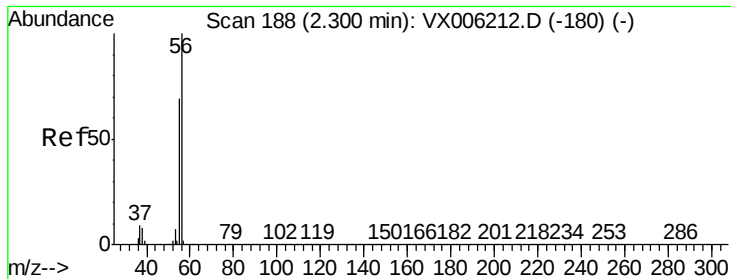
MMDadoda  
12/18/2018 9:44:57 AM



#12  
1,1-Dichloroethene  
Concen: 51.543 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 152.7 | 131.7 | 197.5 |
| 98      | 64.4  | 51.8  | 77.6  |





#13

Acrolein

Concen: 286.007 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 56 Resp: 250570

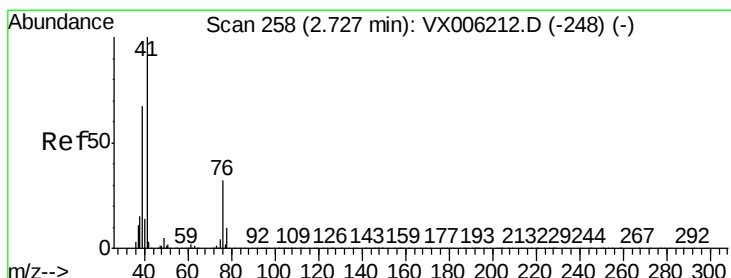
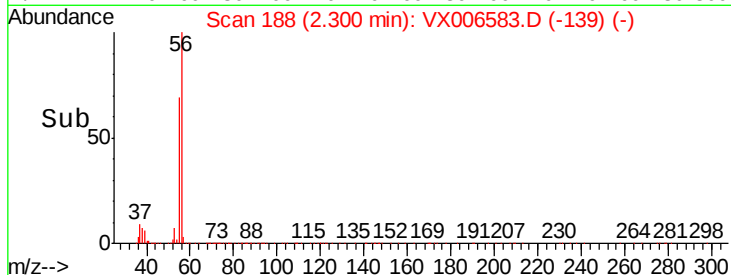
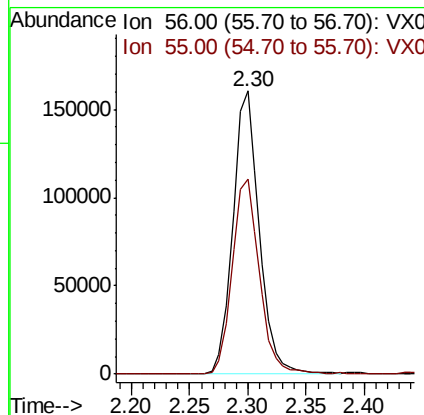
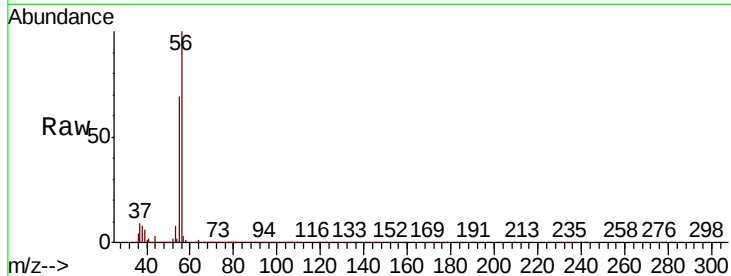
Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.6

Manual Integrations  
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MMDadoda  
12/18/2018 9:44:57 AM



#14

Allyl chloride

Concen: 44.416 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

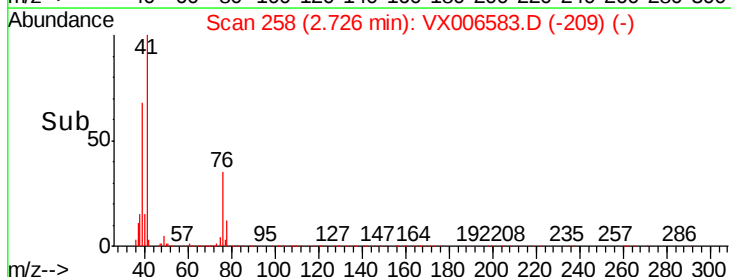
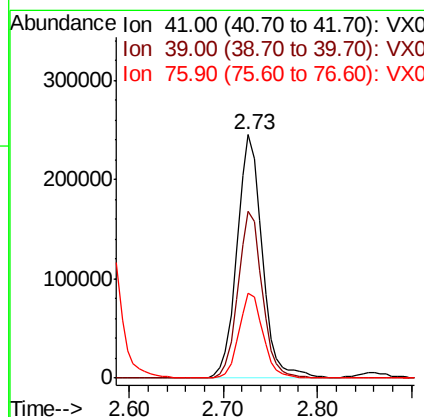
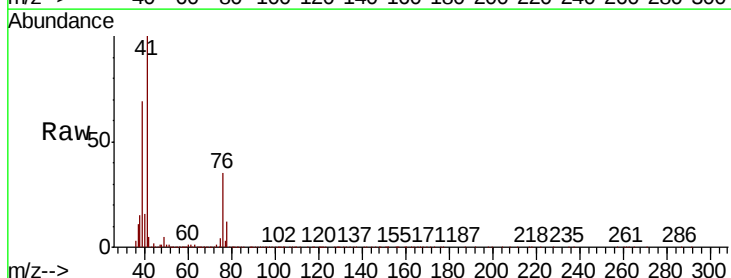
Tgt Ion: 41 Resp: 455837

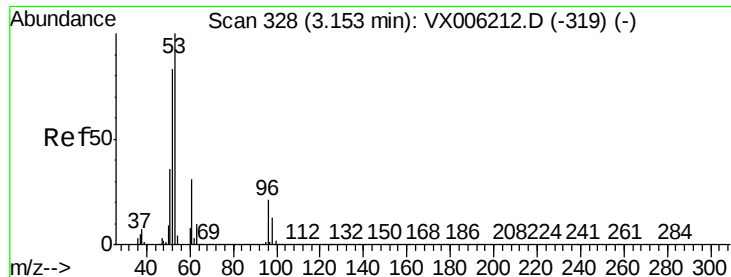
Ion Ratio Lower Upper

41 100

39 65.7 52.4 78.6

76 33.2 25.4 38.0





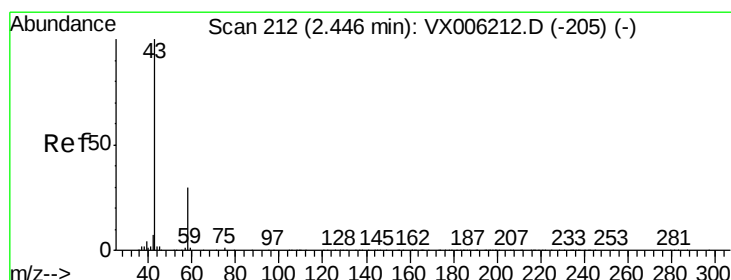
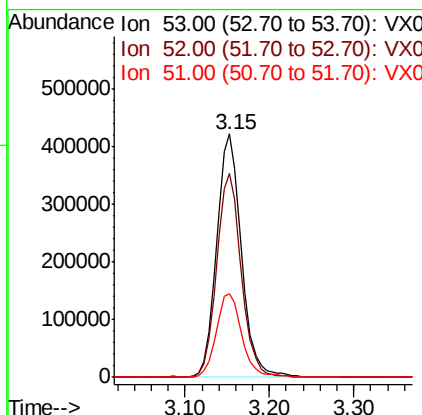
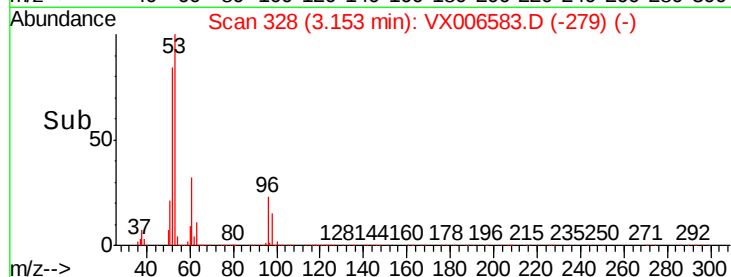
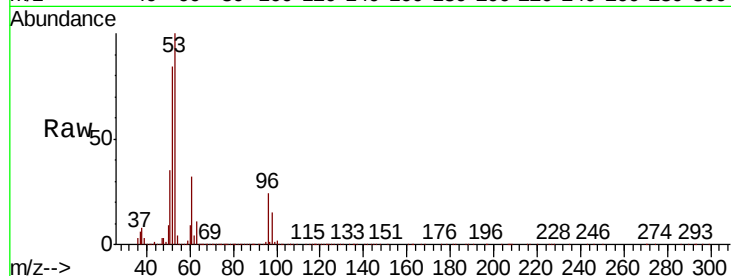
#15  
Acrylonitrile  
Concen: 254.842 ug/l  
RT: 3.15 min Scan# 328  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 83.5  | 66.2  | 99.4  |
| 51      | 35.9  | 28.7  | 43.1  |

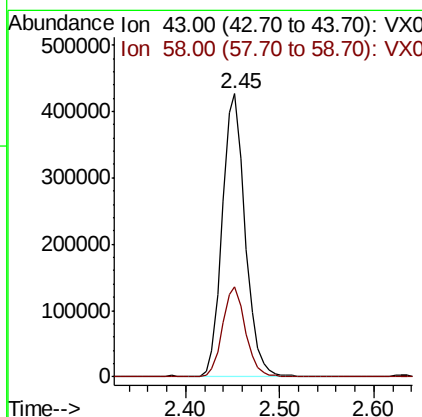
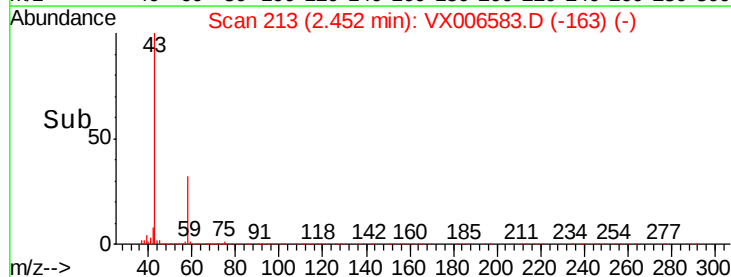
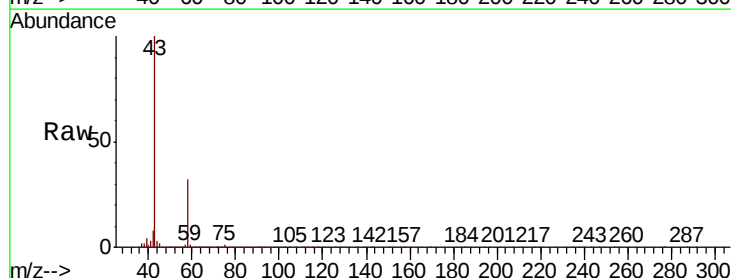
Manual Integrations  
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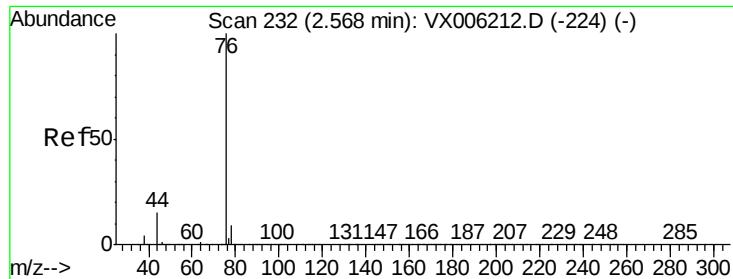
MMDadoda  
12/18/2018 9:44:57 AM



#16  
Acetone  
Concen: 260.916 ug/l  
RT: 2.45 min Scan# 213  
Delta R.T. 0.01 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.8  | 24.0  | 36.0  |





#17

Carbon Disulfide

Concen: 41.684 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 76 Resp: 667319

Ion Ratio Lower Upper

76 100

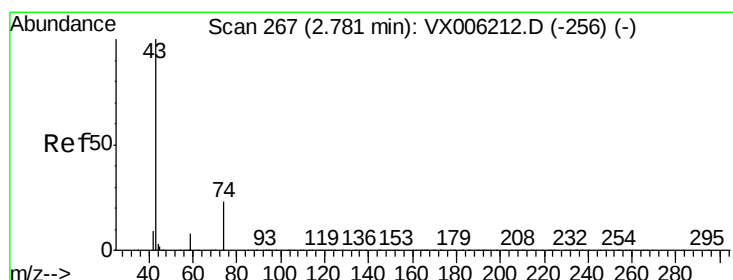
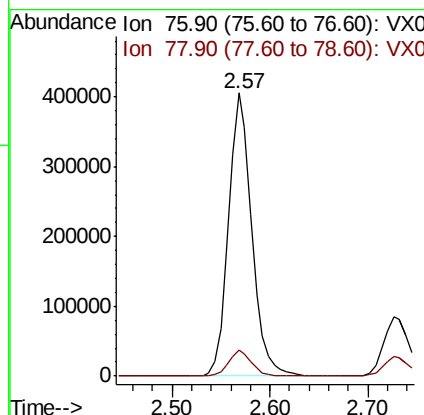
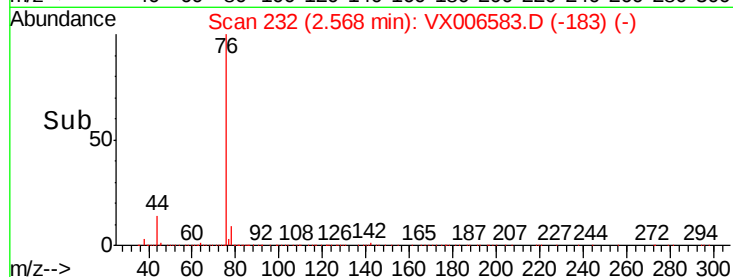
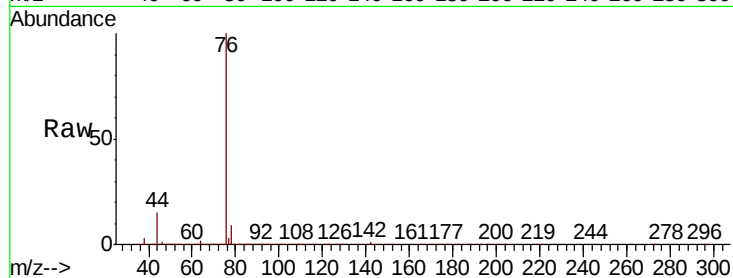
78 9.3 7.1 10.7

Manual Integrations

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MMDadoda

12/18/2018 9:44:57 AM



#18

Methyl Acetate

Concen: 48.761 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006583.D

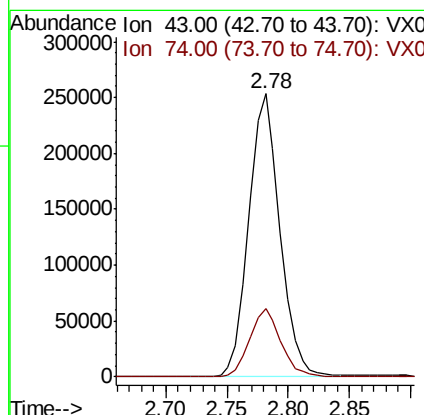
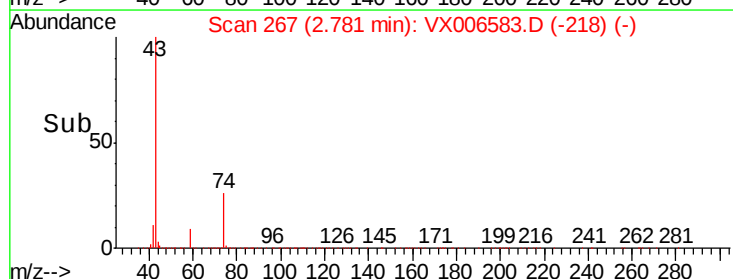
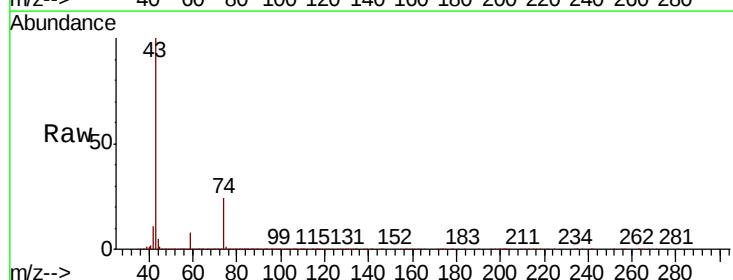
Acq: 17 Dec 2018 19:52

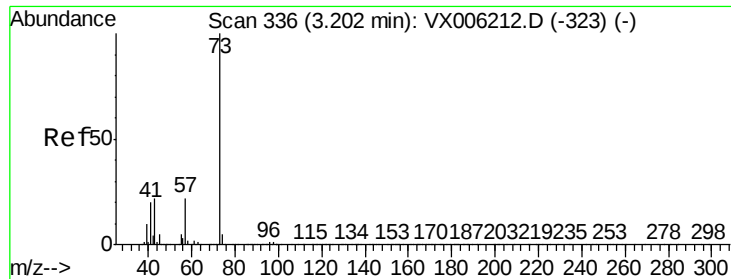
Tgt Ion: 43 Resp: 448537

Ion Ratio Lower Upper

43 100

74 24.1 17.9 26.9





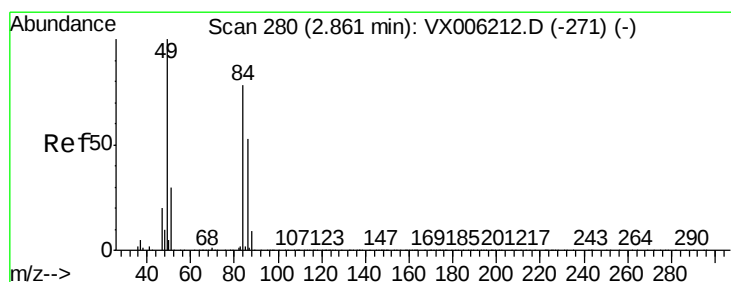
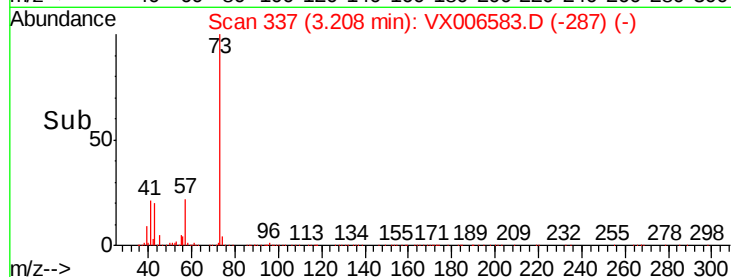
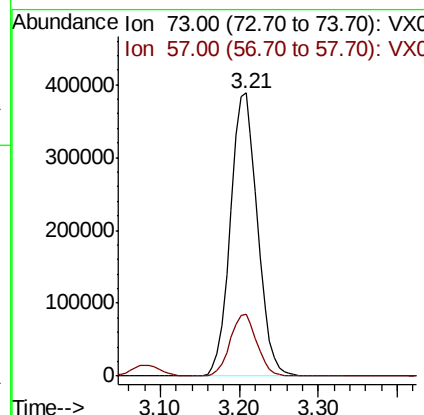
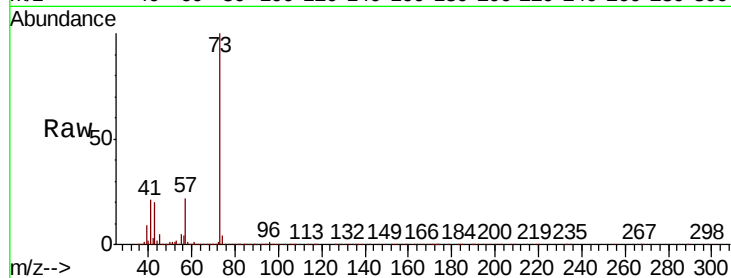
#19  
Methvl tert-butvl Ether  
Concen: 49.779 ug/l  
RT: 3.21 min Scan# 337  
Delta R.T. 0.01 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.9  | 17.5  | 26.3  |

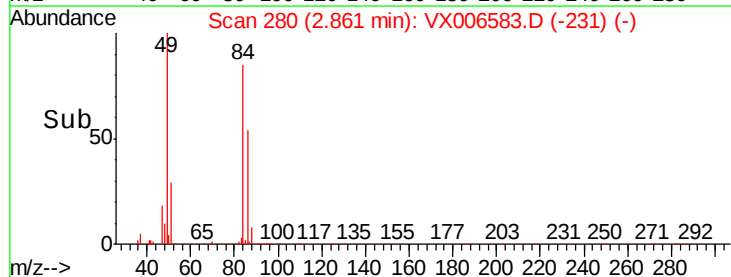
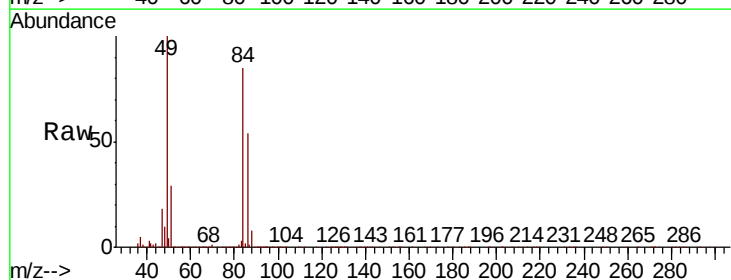
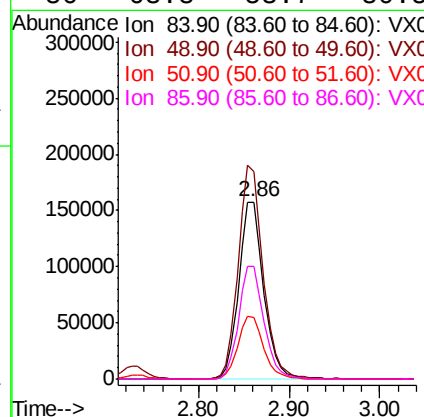
Manual Integrations  
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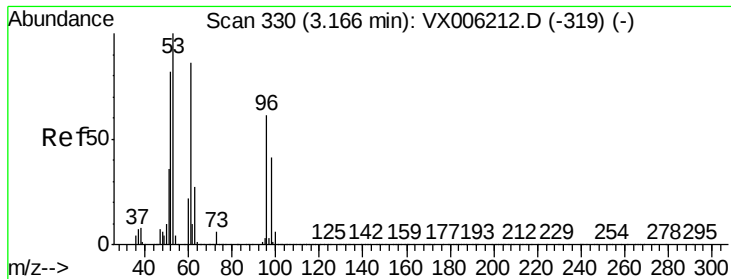
MMDadoda  
12/18/2018 9:44:57 AM



#20  
Methylene Chloride  
Concen: 51.256 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 117.4 | 102.2 | 153.4 |
| 51      | 34.4  | 31.1  | 46.7  |
| 86      | 63.8  | 53.7  | 80.5  |





#21

trans-1,2-Dichloroethene

Concen: 50.651 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

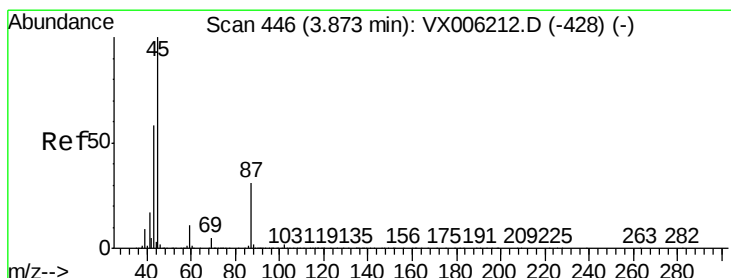
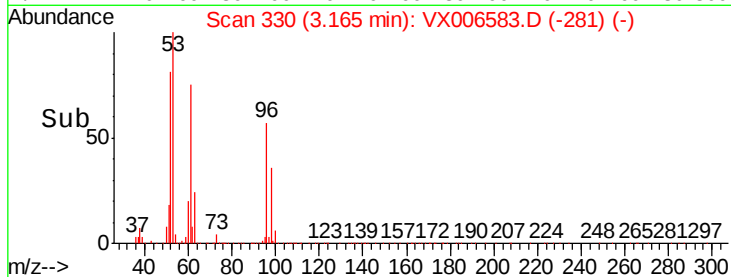
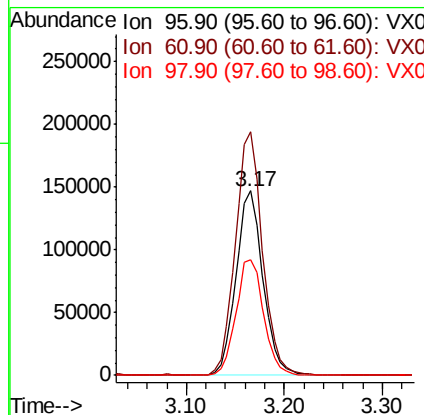
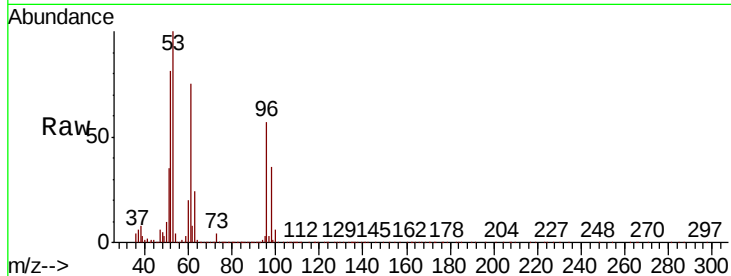
ClientSampleId :

RE105D1-20181210MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 280430 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 131.8 | 113.3 | 169.9  |
| 98       | 62.5  | 53.2  | 79.8   |

Manual Integrations  
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MMDadoda  
12/18/2018 9:44:57 AM



#22

Diisopropyl ether

Concen: 52.665 ug/l

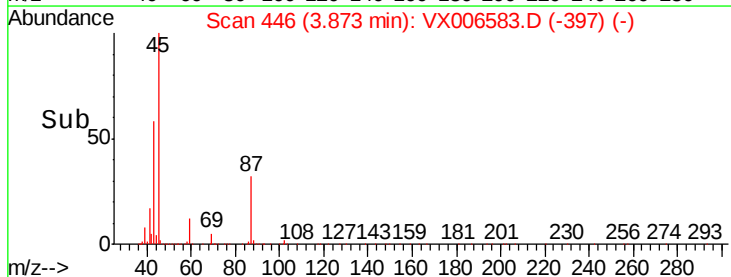
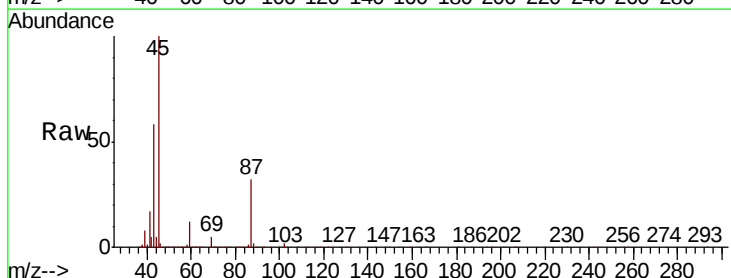
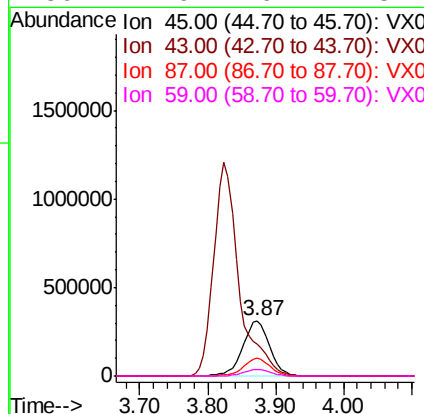
RT: 3.87 min Scan# 446

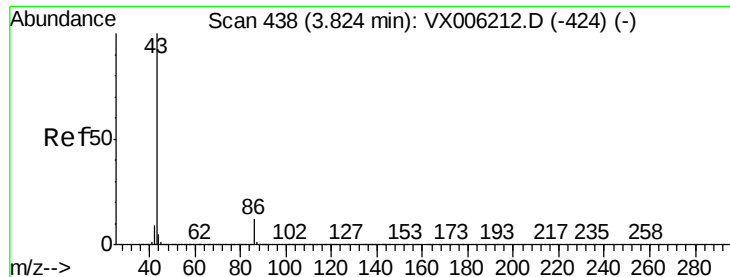
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 844226 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 58.2  | 46.2  | 69.2   |
| 87       | 31.7  | 24.9  | 37.3   |
| 59       | 11.9  | 9.1   | 13.7   |





#23

Vinyl Acetate

Concen: 228.385 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 43 Resp: 3122571

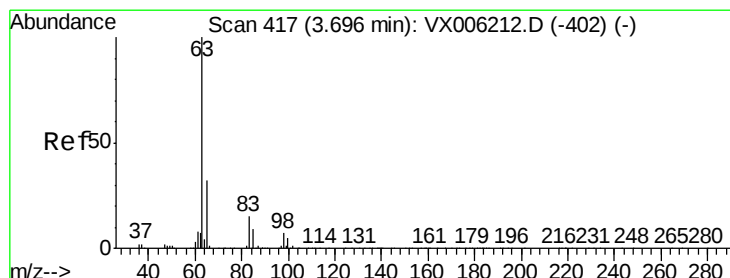
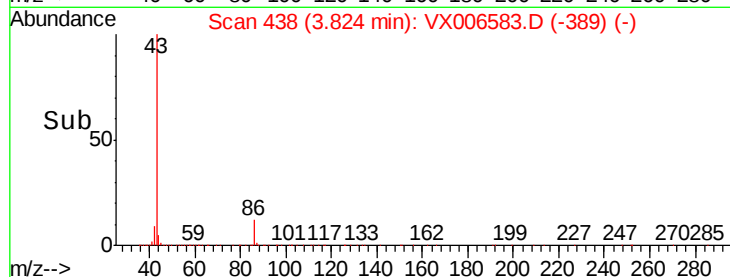
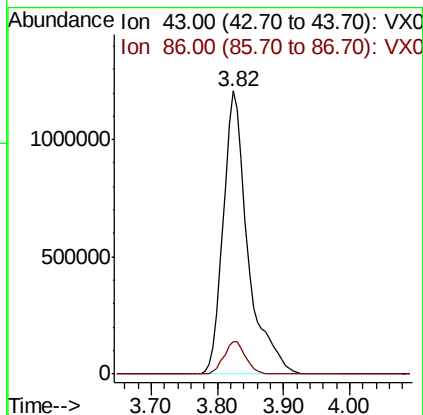
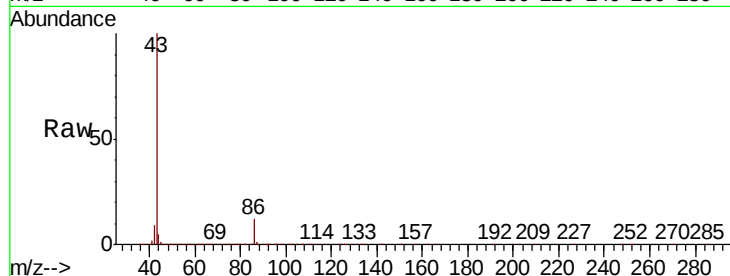
Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0

Manual Integrations  
APPROVED

MMDadoda  
12/18/2018 9:44:57 AM



#24

1,1-Dichloroethane

Concen: 52.590 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

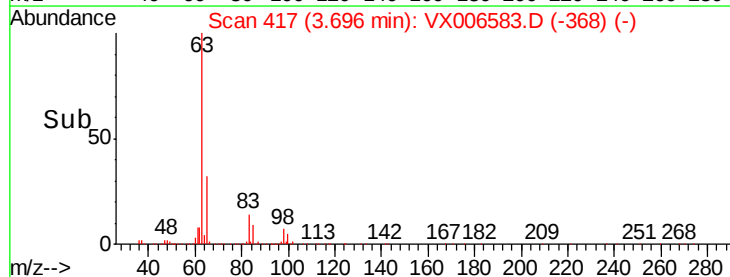
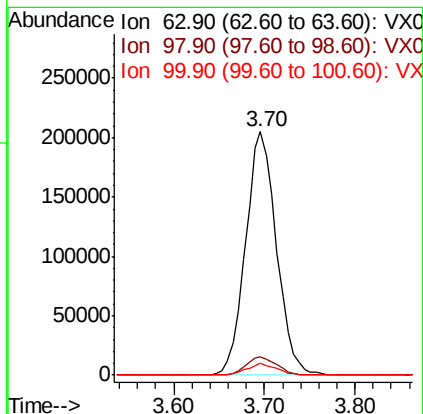
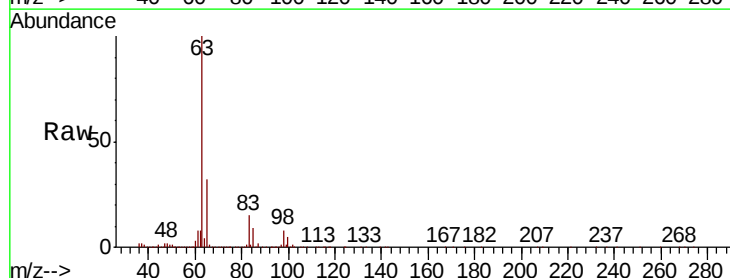
Tgt Ion: 63 Resp: 481851

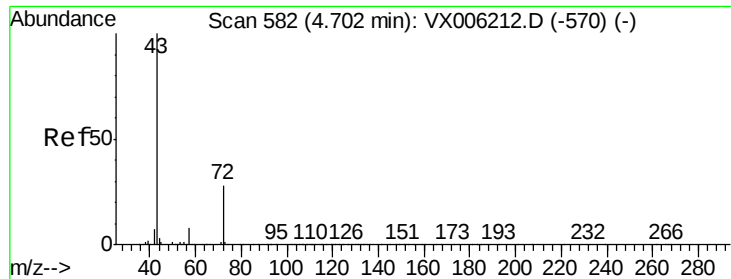
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 273.162 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 43 Resp: 1072099

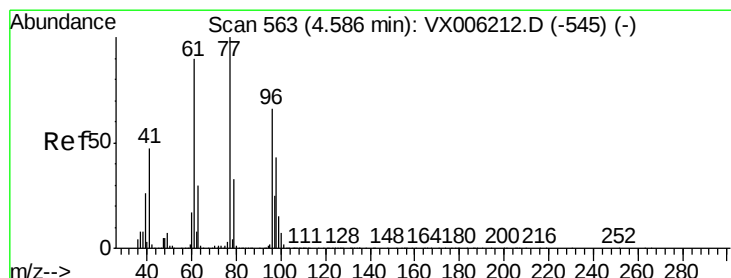
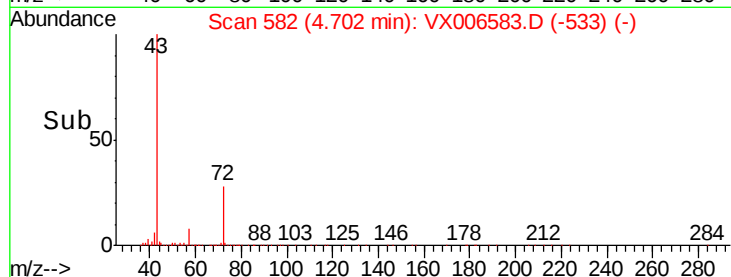
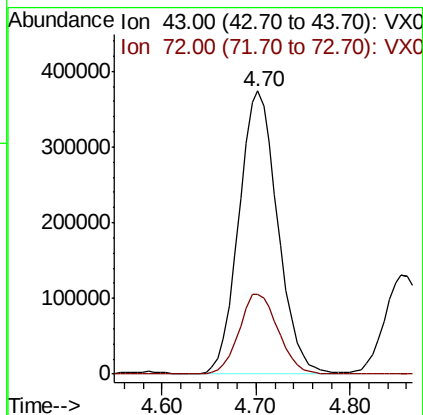
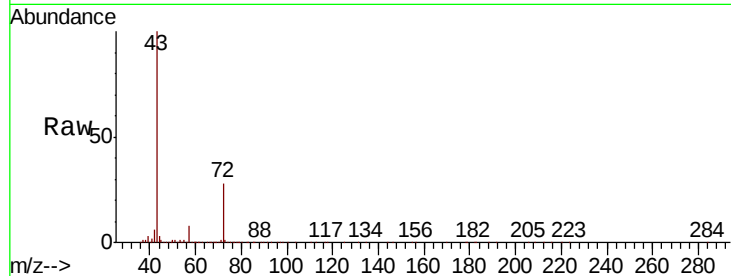
Ion Ratio Lower Upper

43 100

72 28.2 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 37.531 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006583.D

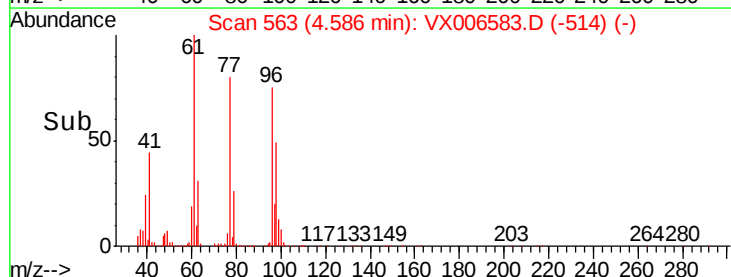
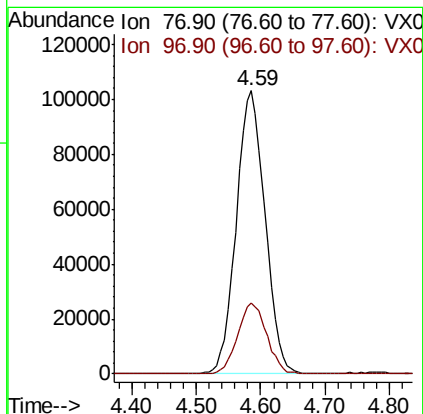
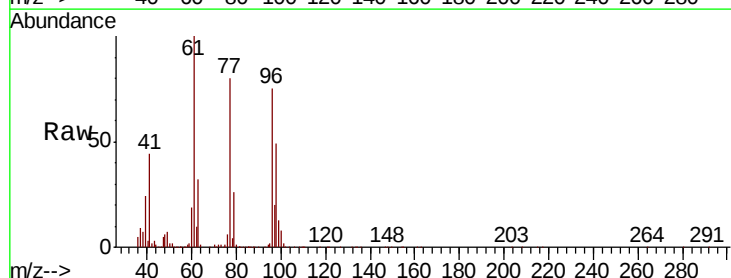
Acq: 17 Dec 2018 19:52

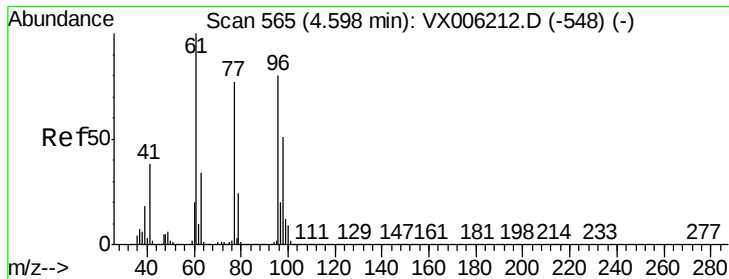
Tgt Ion: 77 Resp: 317358

Ion Ratio Lower Upper

77 100

97 25.4 12.3 36.8





#27

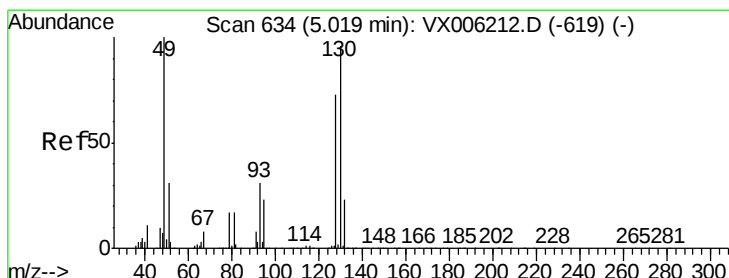
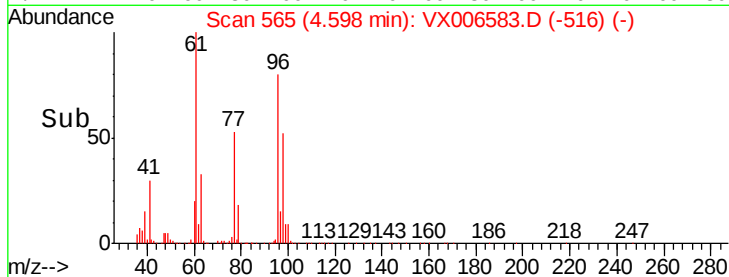
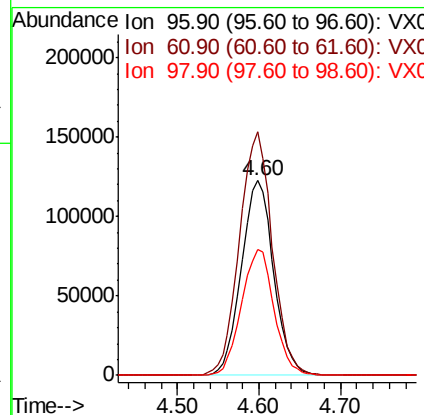
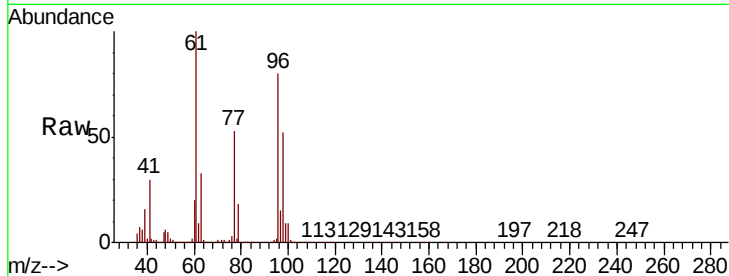
cis-1,2-Dichloroethene  
Concen: 54.680 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 126.9 | 0.0   | 265.0 |
| 98      | 65.0  | 0.0   | 130.2 |

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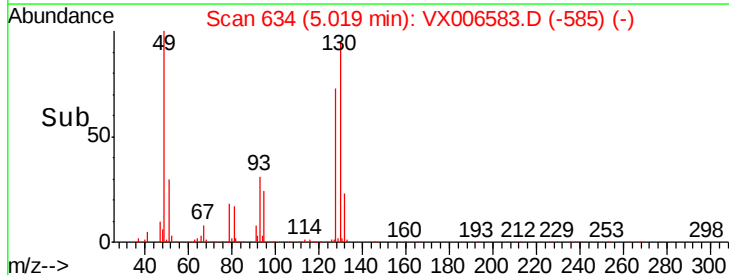
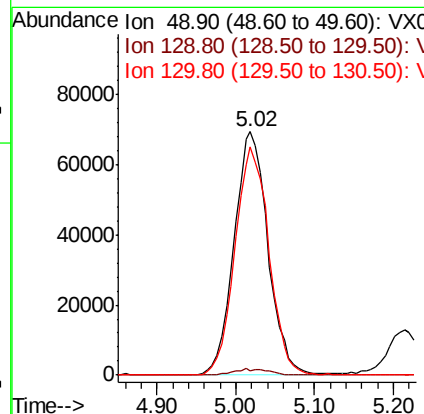
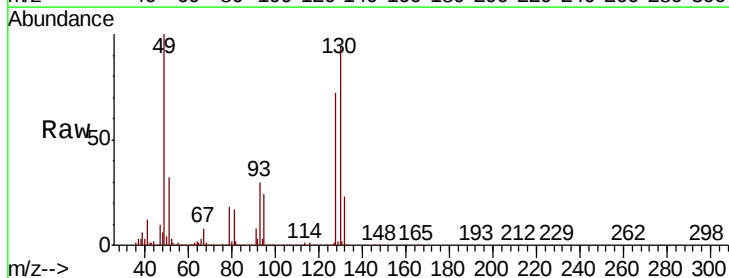
MMDadoda  
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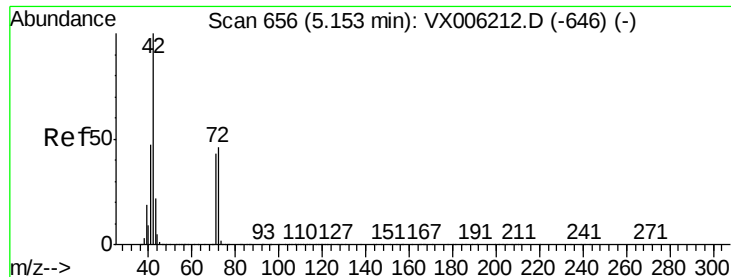


#28

Bromochloromethane  
Concen: 51.606 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.7   | 0.0   | 5.0   |
| 130     | 94.3  | 78.3  | 117.5 |





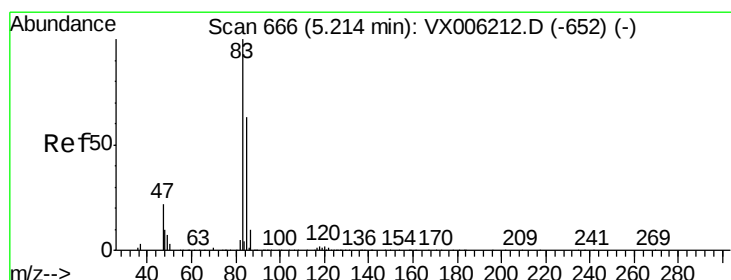
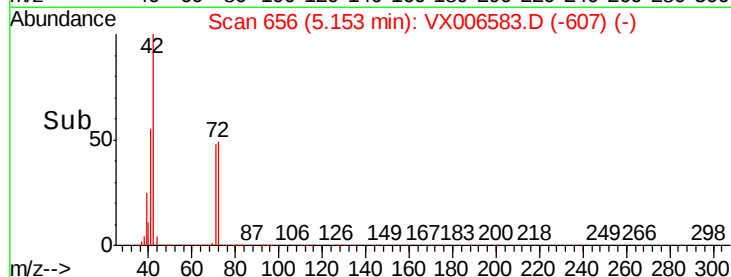
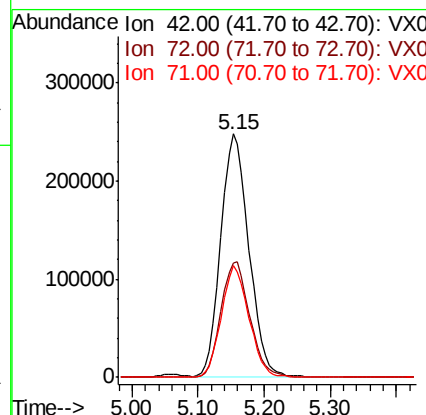
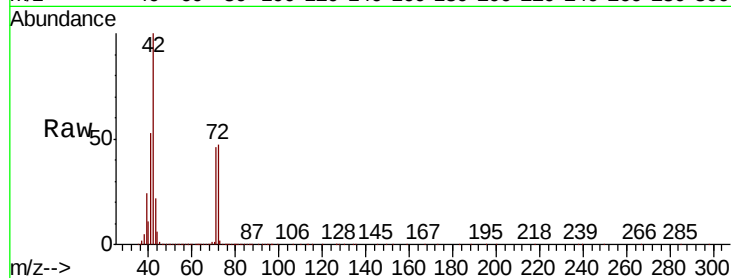
#29  
Tetrahydrofuran  
Concen: 268.364 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.6  | 37.8  | 56.8  |
| 71      | 44.9  | 35.2  | 52.8  |

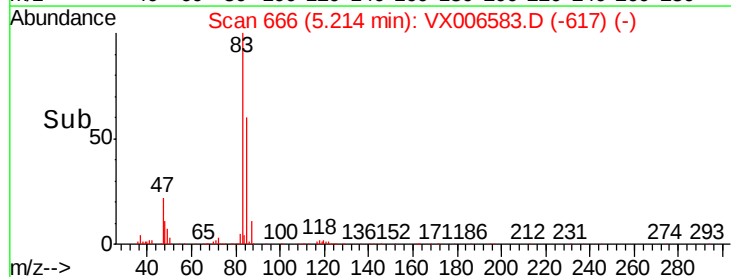
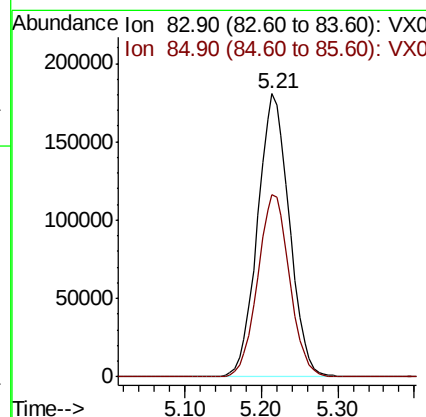
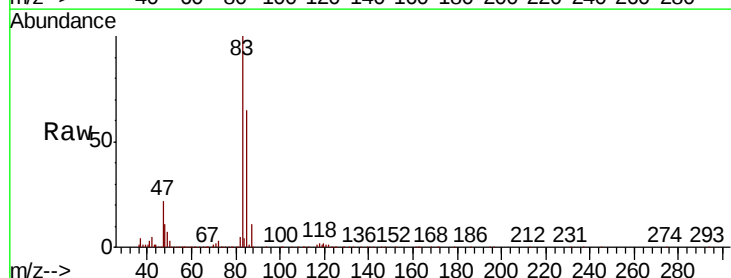
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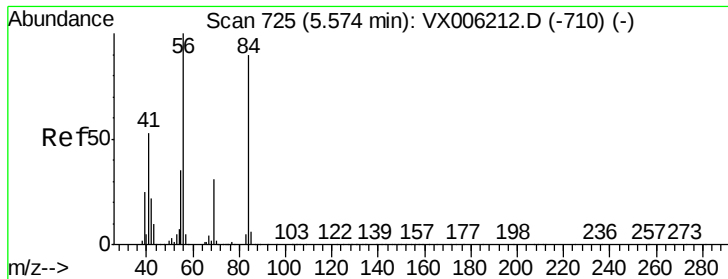
MMDadoda  
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#30  
Chloroform  
Concen: 54.360 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.5  | 50.3  | 75.5  |





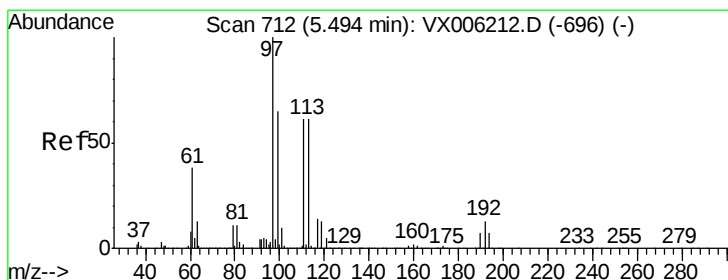
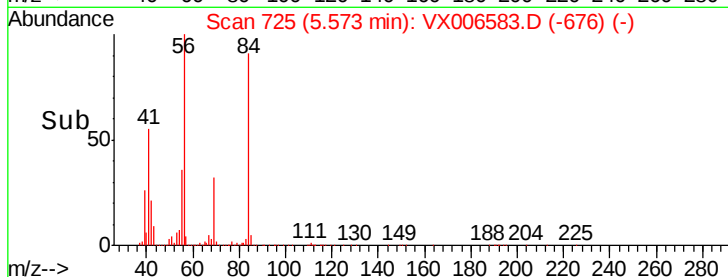
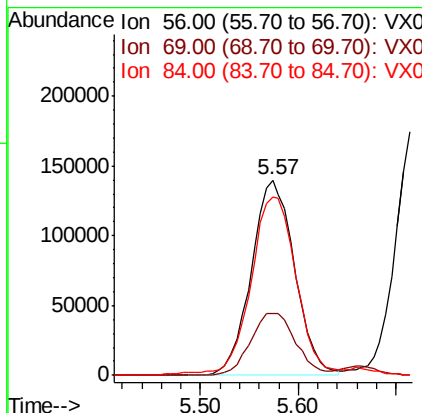
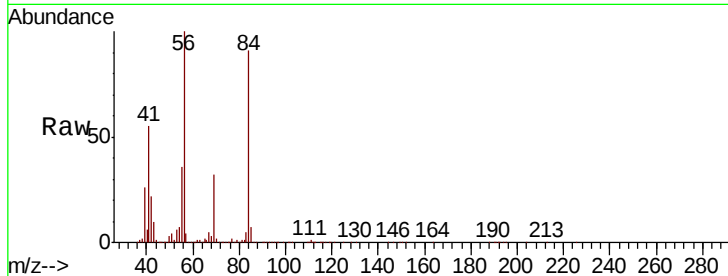
#31  
Cyclohexane  
Concen: 50.672 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.8  | 24.5  | 36.7  |
| 84      | 89.6  | 71.8  | 107.6 |

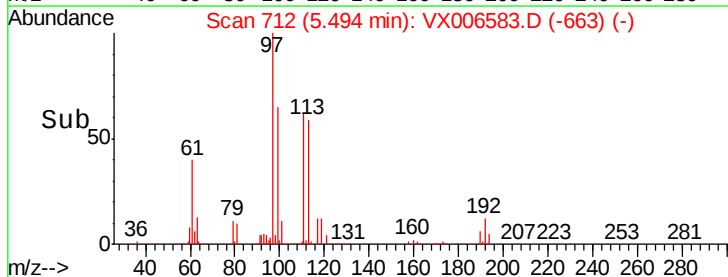
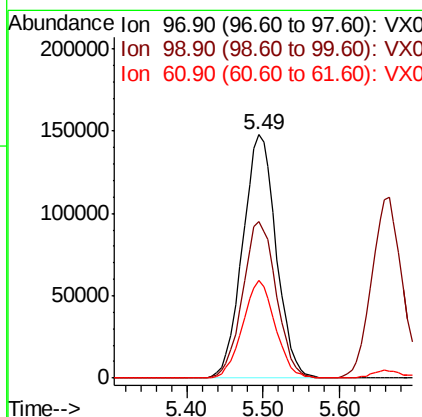
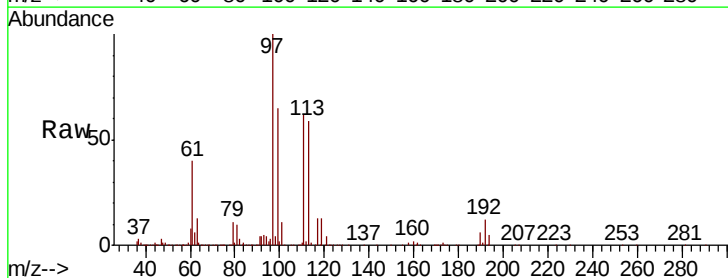
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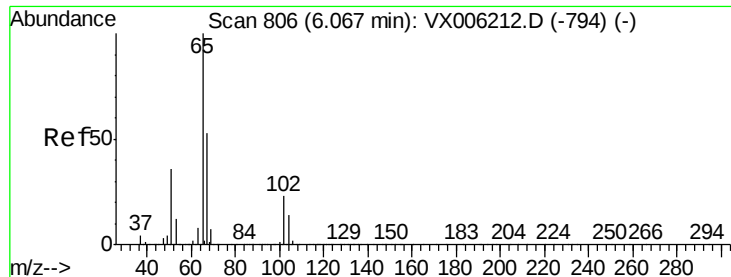
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#32  
1,1,1-Trichloroethane  
Concen: 49.119 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.8  | 51.6  | 77.4  |
| 61      | 39.3  | 30.6  | 46.0  |





#33

1,2-Dichloroethane-d4

Concen: 50.691 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 65 Resp: 297112

Ion Ratio Lower Upper

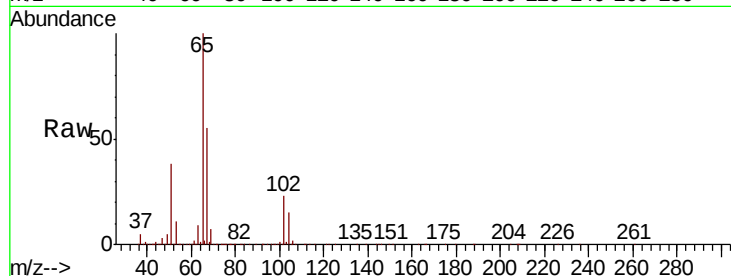
65 100

67 52.8 0.0 107.2

Manual Integrations  
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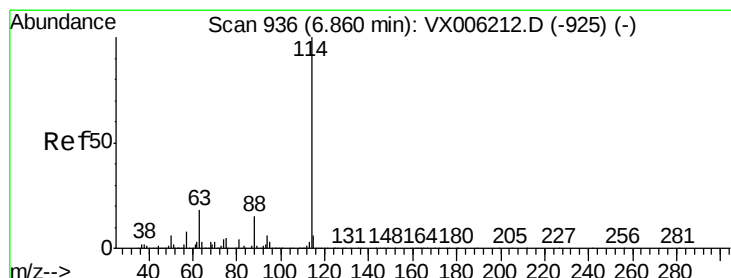
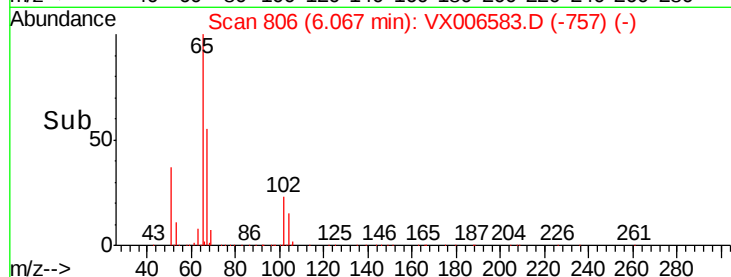
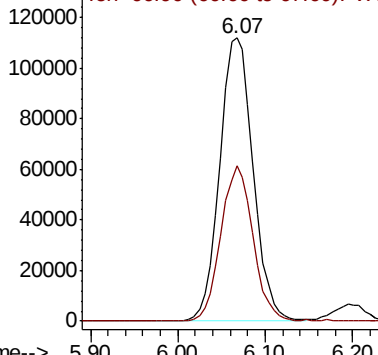
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

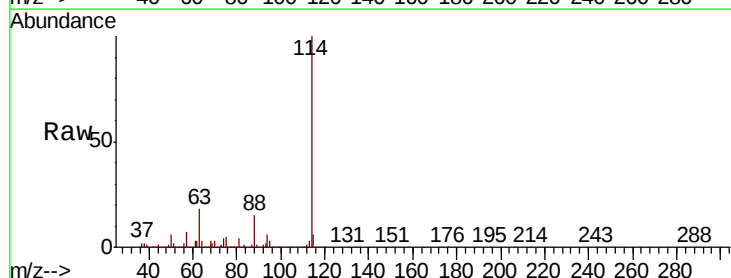
Tgt Ion: 114 Resp: 915965

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

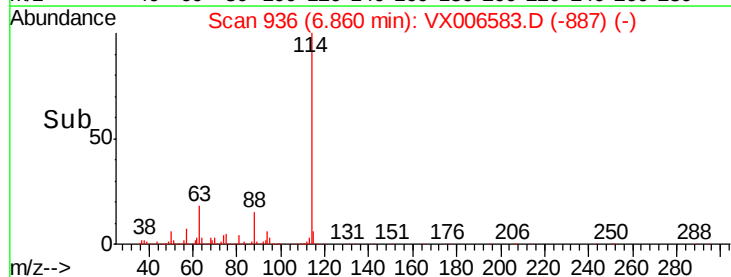
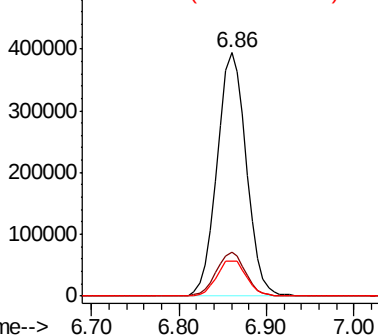
88 14.6 0.0 29.0

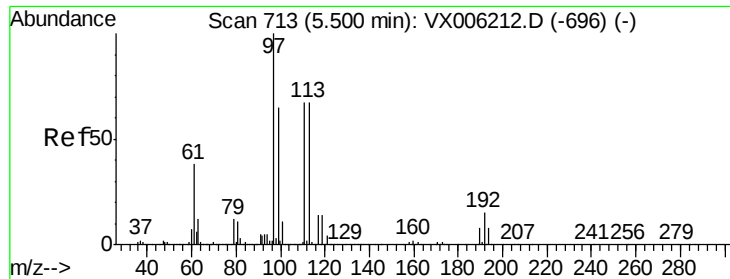


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.546 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

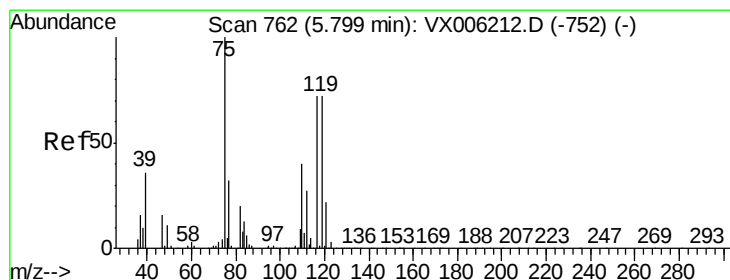
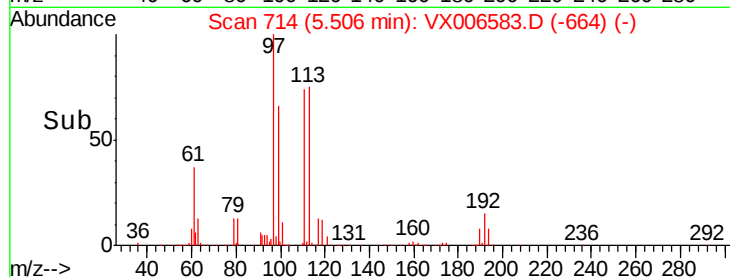
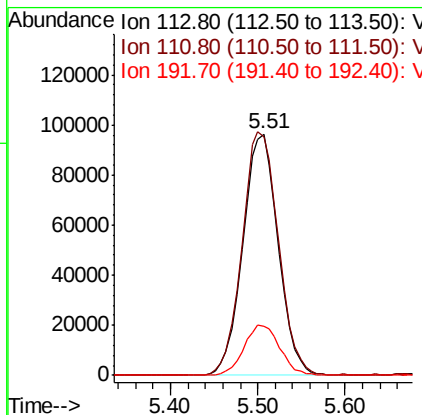
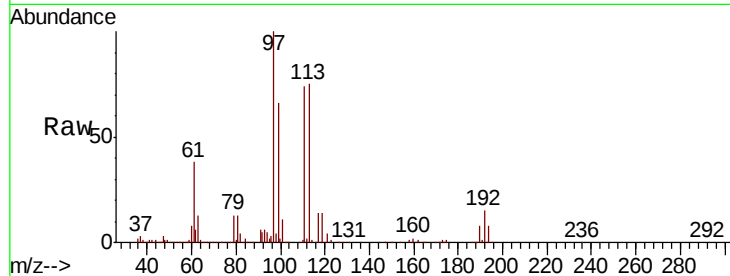
ClientSampleId :

RE105D1-20181210MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 270112 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.8 | 81.1  | 121.7  |
| 192       | 21.3  | 18.2  | 27.2   |

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#36

1,1-Dichloropropene

Concen: 49.321 ug/l

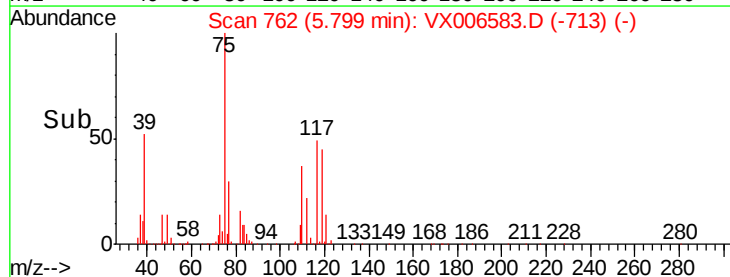
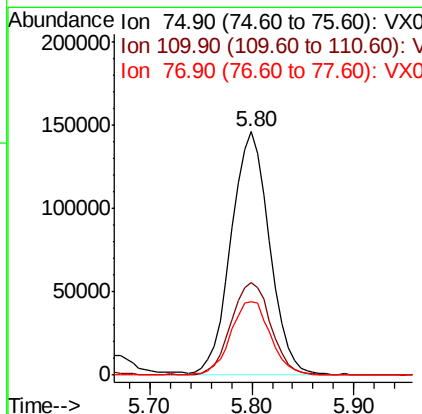
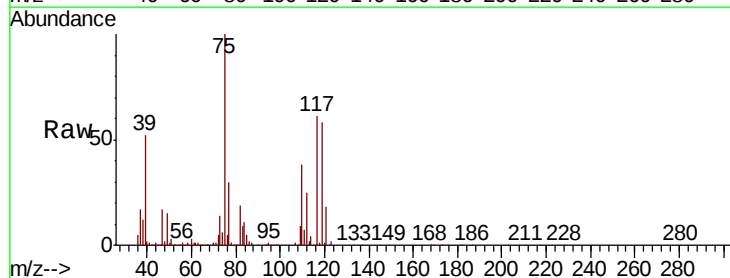
RT: 5.80 min Scan# 762

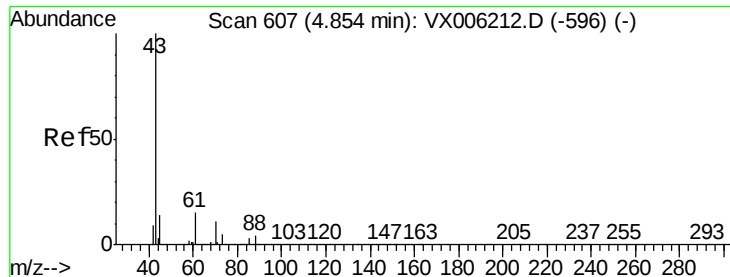
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 380434 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 39.6  | 20.4  | 61.3   |
| 77        | 31.4  | 24.9  | 37.3   |





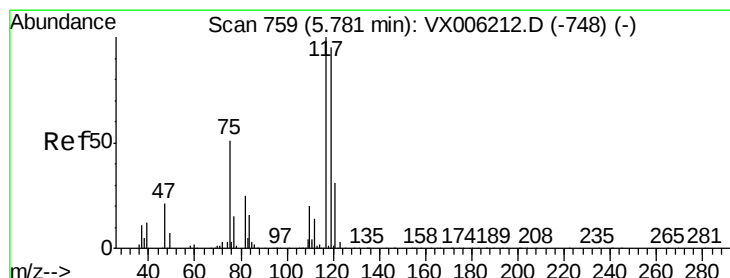
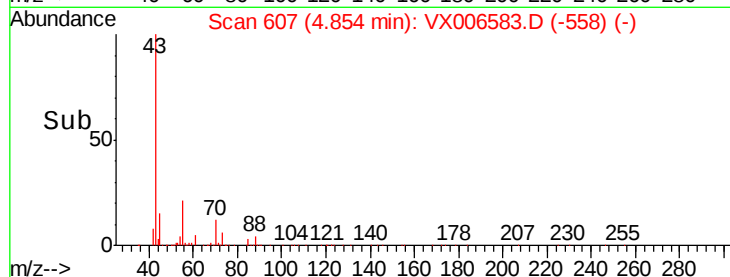
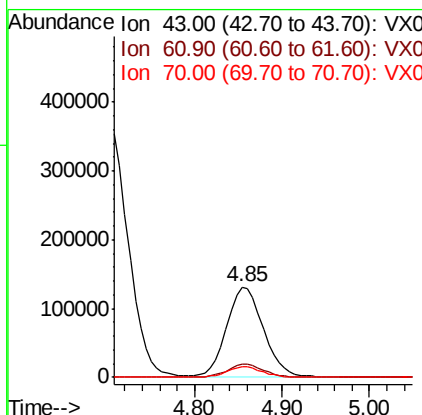
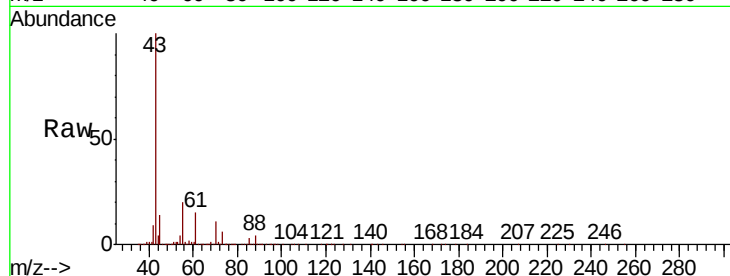
#37  
Ethyl Acetate  
Concen: 44.392 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.6  | 11.5  | 17.3  |
| 70      | 11.5  | 9.0   | 13.6  |

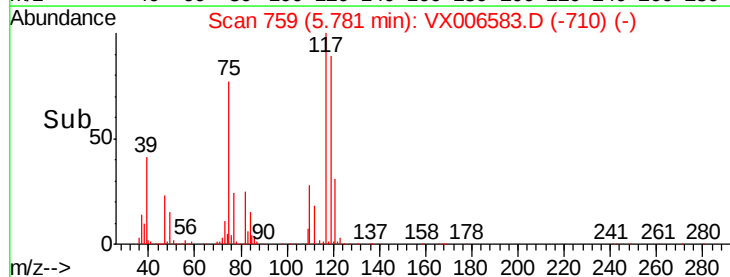
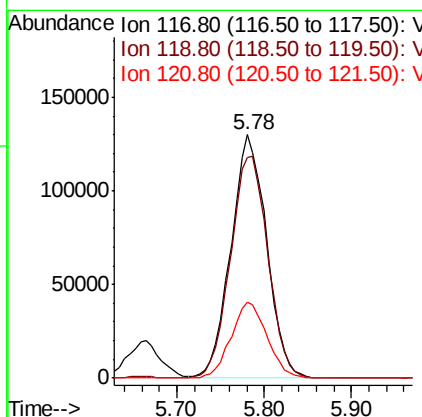
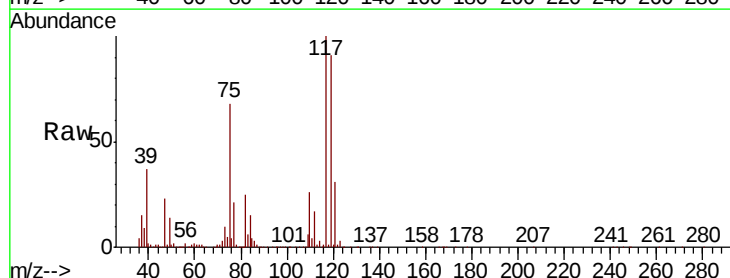
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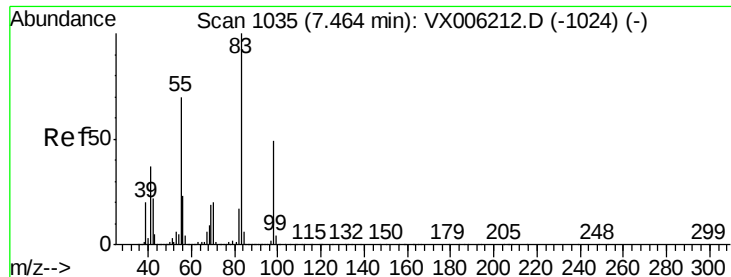
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 40.615 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.5  | 75.8  | 113.8 |
| 121     | 31.3  | 24.6  | 37.0  |





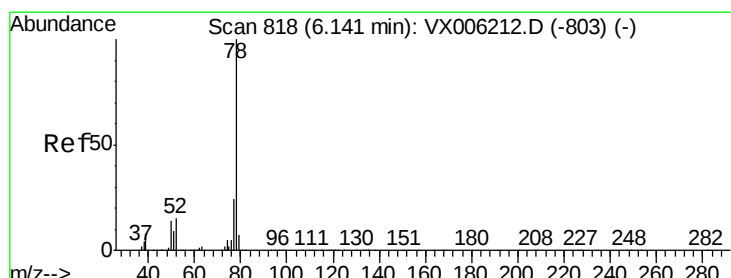
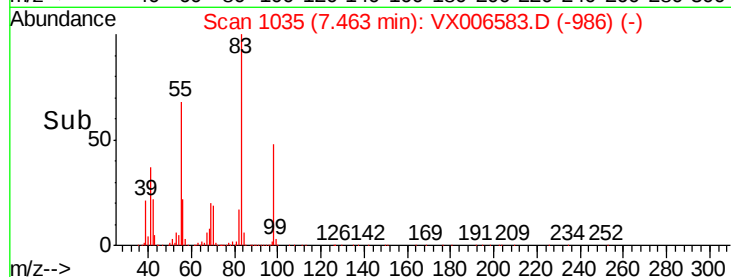
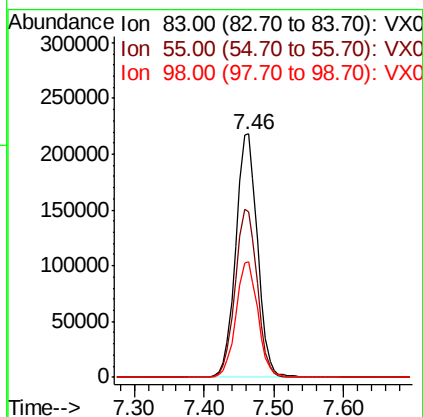
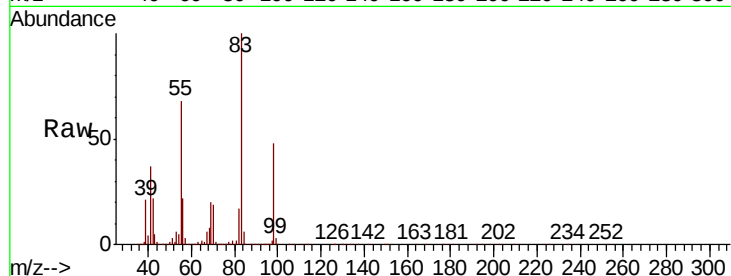
#39  
Methvlcvclohexane  
Concen: 47.006 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 67.7  | 56.4  | 84.6  |
| 98      | 47.6  | 39.0  | 58.6  |

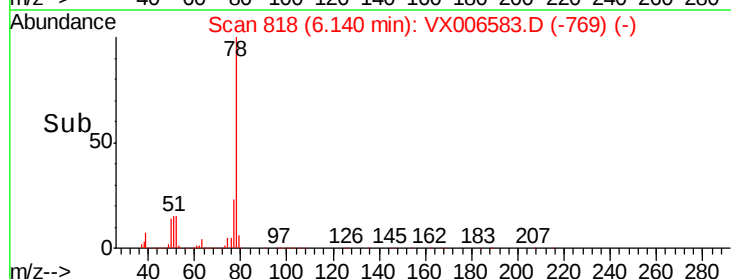
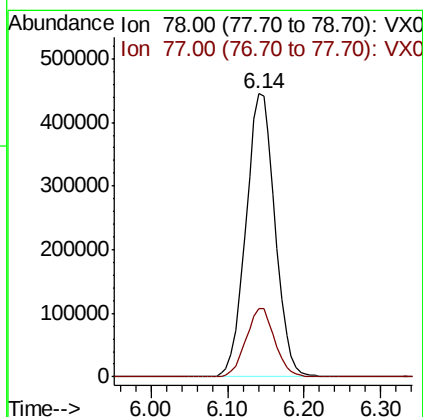
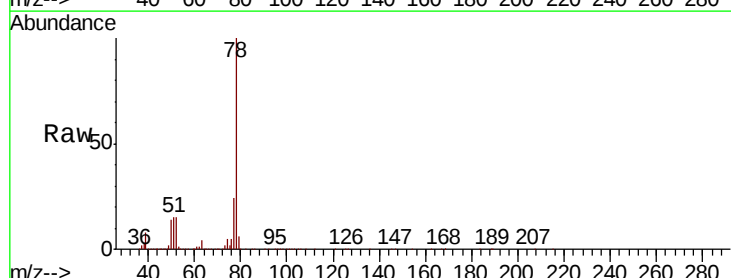
Manual Integrations  
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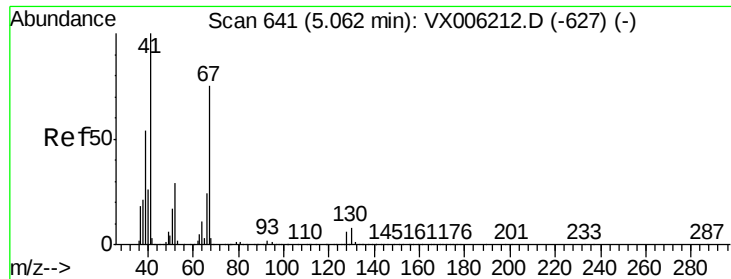
MMDadoda  
12/18/2018 9:44:57 AM



#40  
Benzene  
Concen: 50.986 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 48.516 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

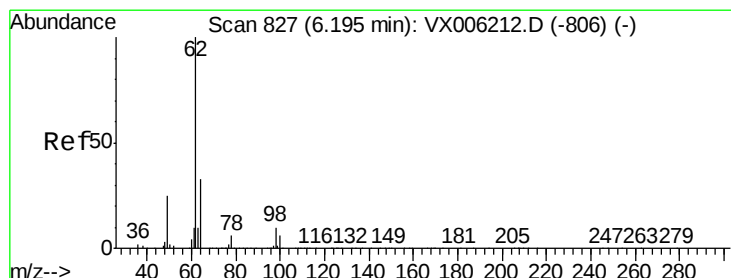
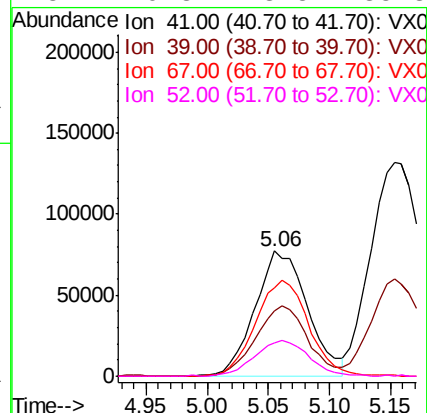
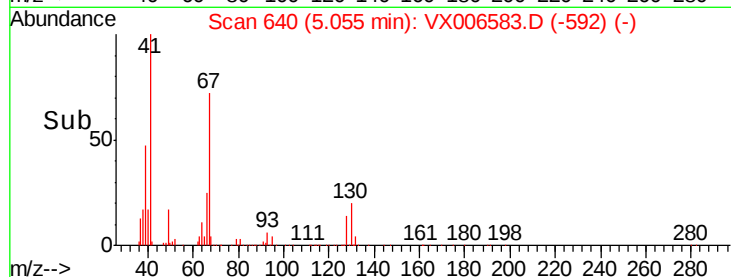
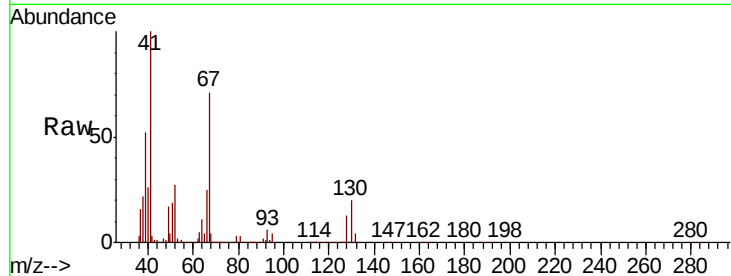
ClientSampleId :

RE105D1-20181210MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 230600 |       |       |
| 39      | 55.6 | 44.0  | 66.0   |       |       |
| 67      | 78.1 | 61.4  | 92.0   |       |       |
| 52      | 29.3 | 23.5  | 35.3   |       |       |

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12/18/2018 9:44:57 AM



#42

1,2-Dichloroethane

Concen: 52.461 ug/l

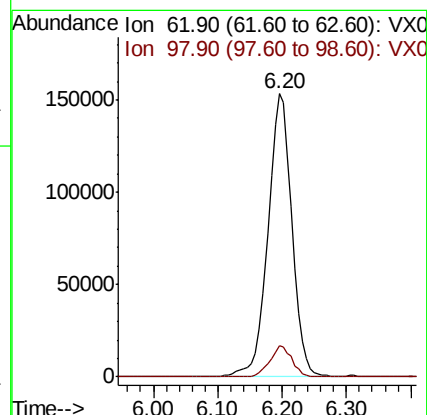
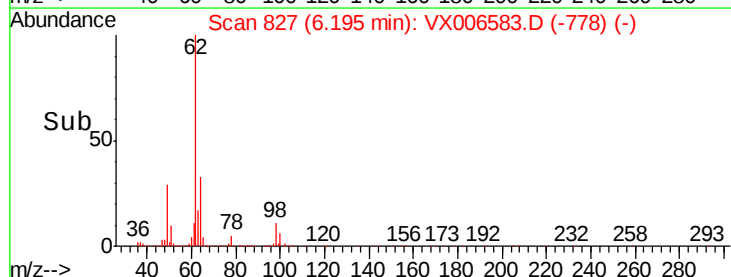
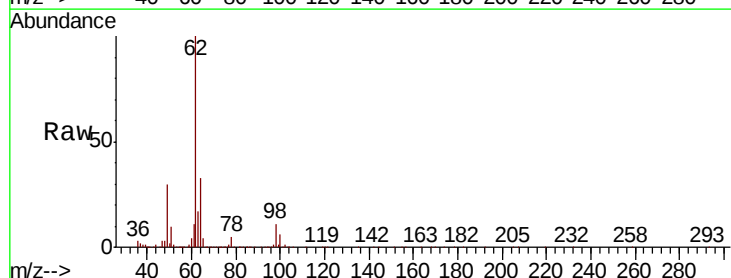
RT: 6.20 min Scan# 827

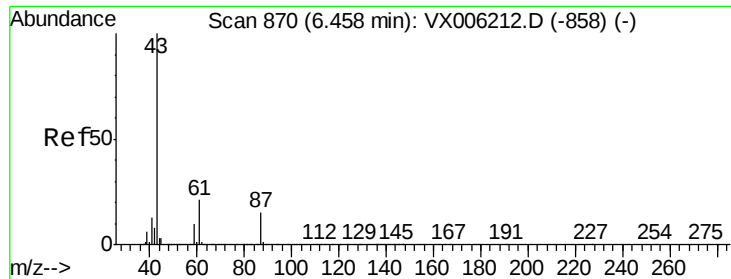
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 396655 |       |       |
| 98      | 10.0 | 0.0   | 20.2   |       |       |





#43

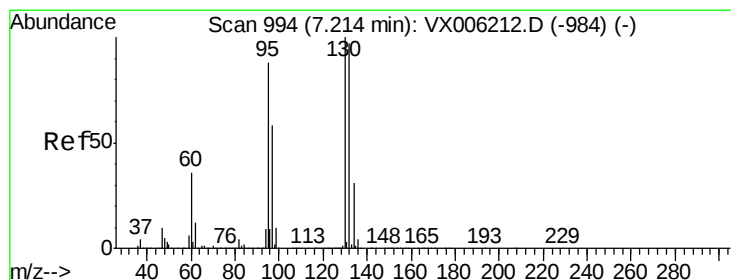
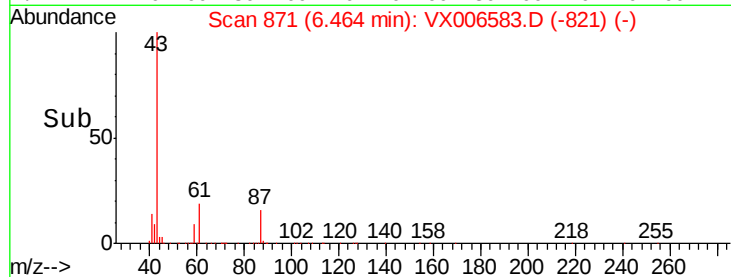
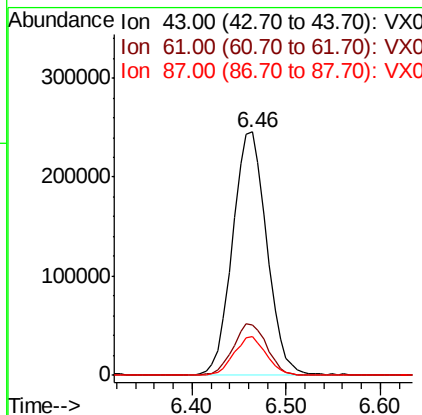
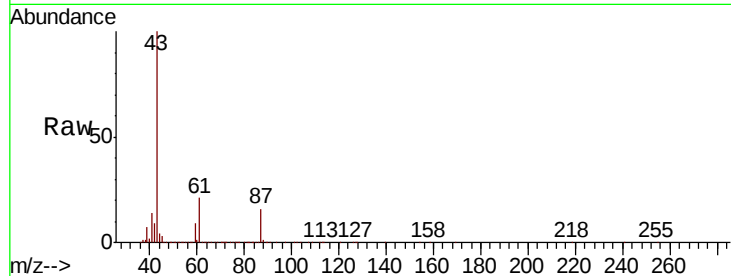
Isopropyl Acetate  
 Concen: 42.953 ug/l  
 RT: 6.46 min Scan# 871  
 Delta R.T. 0.01 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.1  | 16.8  | 25.2  |
| 87      | 15.3  | 11.9  | 17.9  |

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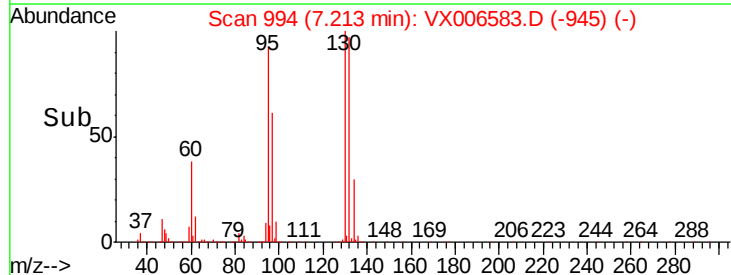
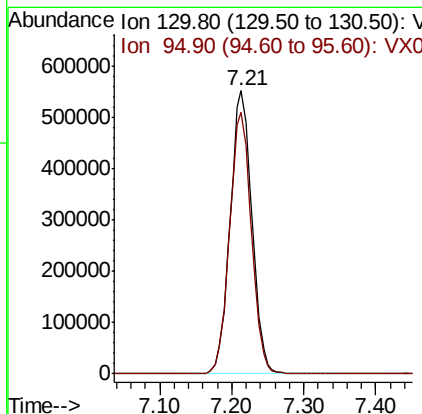
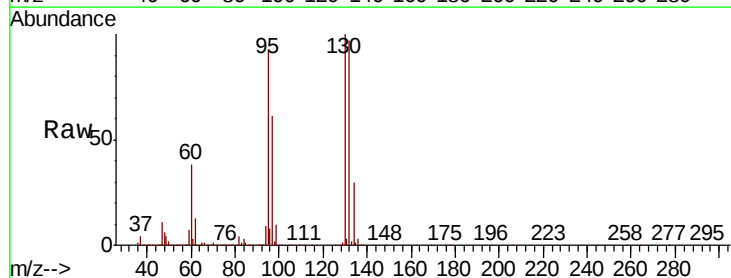
MMDadoda  
 12/18/2018 9:44:57 AM

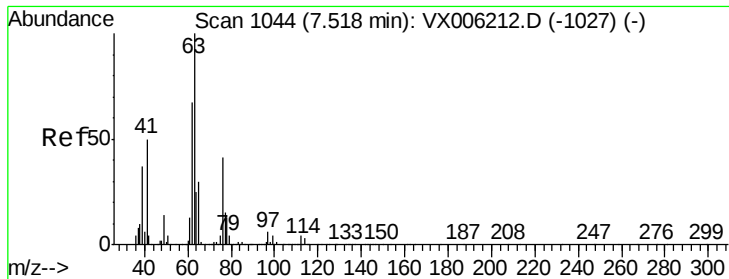


#44

Trichloroethene  
 Concen: 166.267 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.6  | 0.0   | 175.8 |





#45

1,2-Dichloropropane

Concen: 49.088 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 63 Resp: 288217

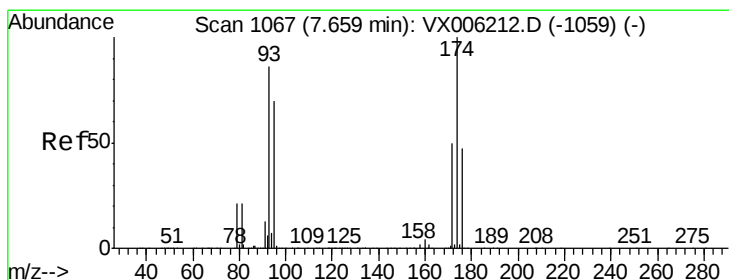
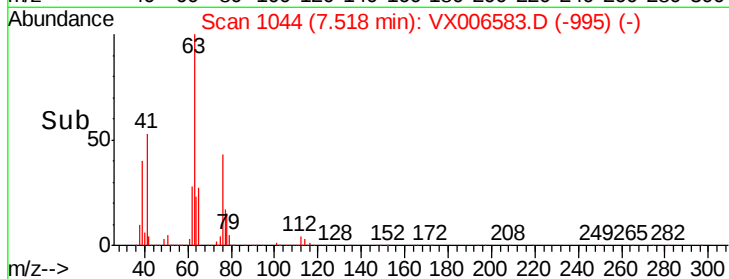
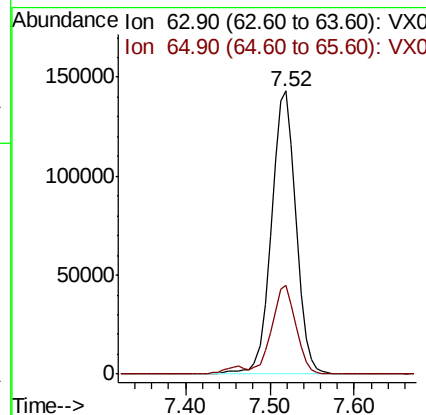
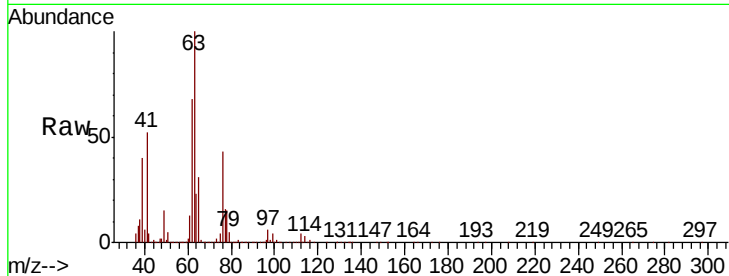
Ion Ratio Lower Upper

63 100

65 31.1 24.3 36.5

Manual Integrations  
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MMDadoda  
12/18/2018 9:44:57 AM



#46

Dibromomethane

Concen: 49.881 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

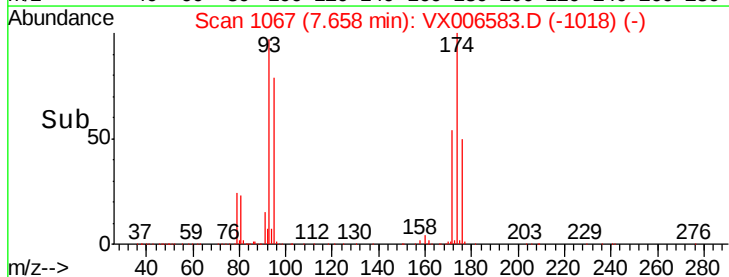
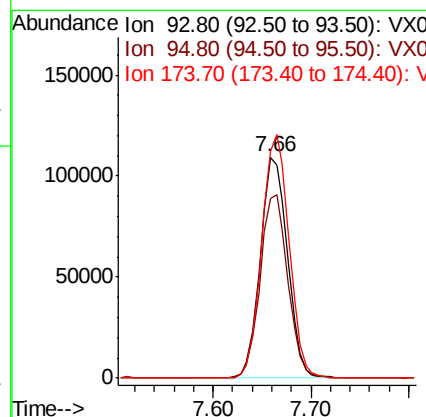
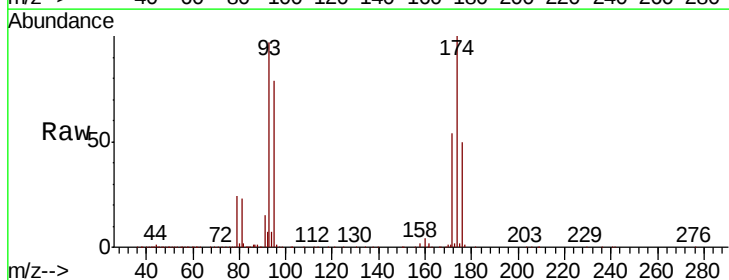
Tgt Ion: 93 Resp: 211521

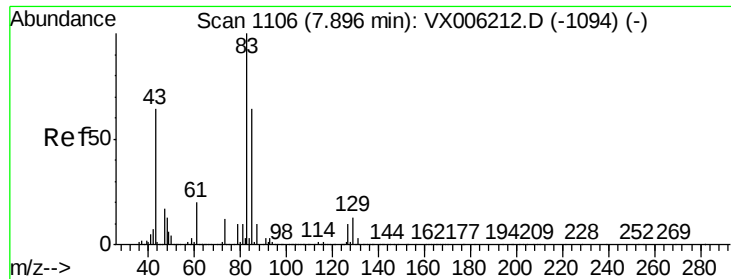
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 110.9 97.2 145.8





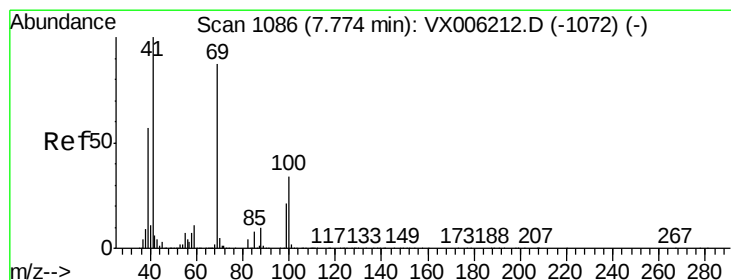
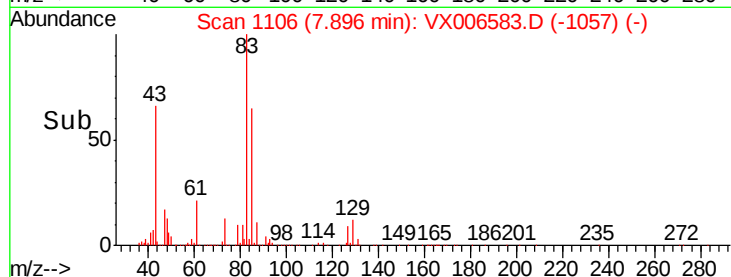
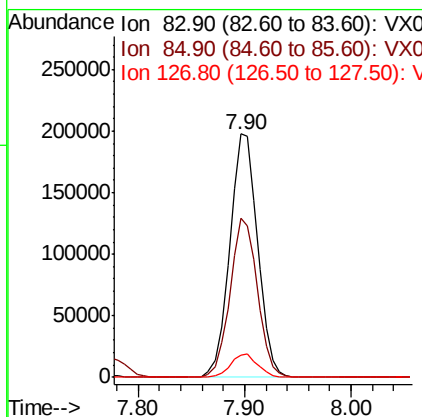
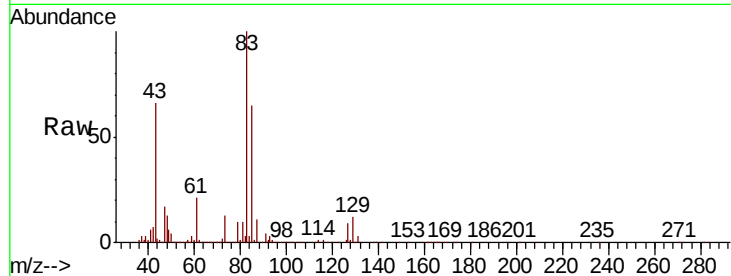
#47  
Bromodichloromethane  
Concen: 44.094 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.4  | 51.4  | 77.0  |
| 127     | 9.4   | 7.9   | 11.9  |

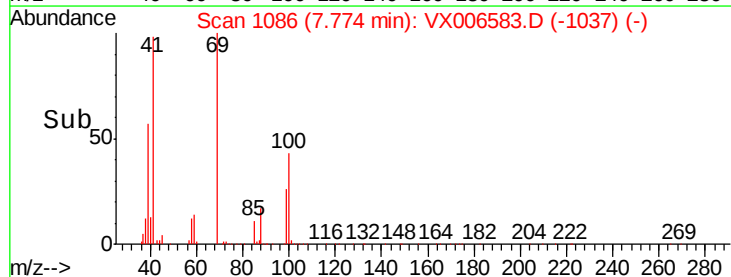
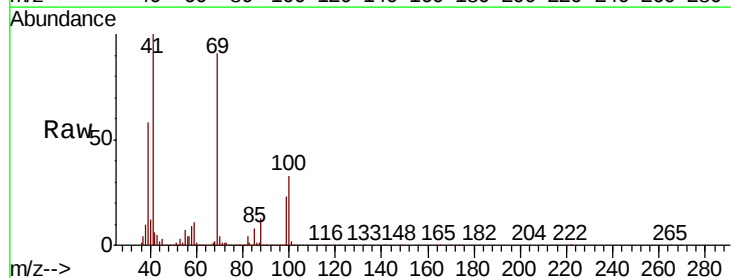
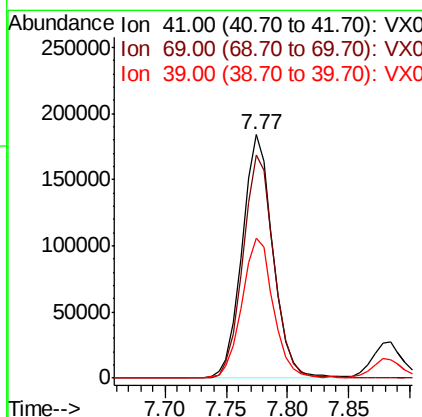
Manual Integrations  
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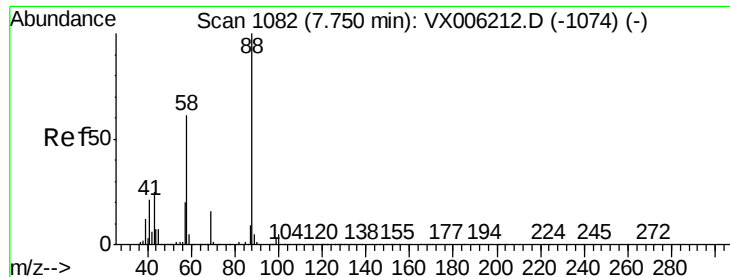
MMDadoda  
12/18/2018 9:44:57 AM



#48  
Methyl methacrylate  
Concen: 45.800 ug/l  
RT: 7.77 min Scan# 1086  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 92.2  | 70.3  | 105.5 |
| 39      | 58.2  | 45.3  | 67.9  |





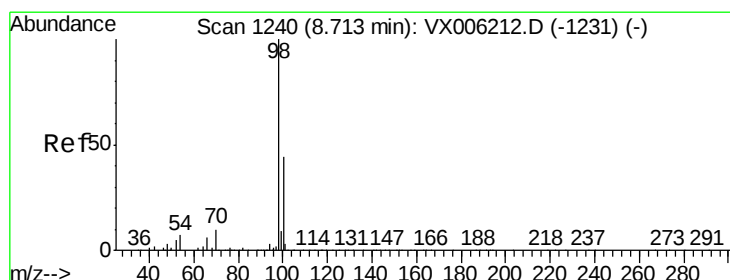
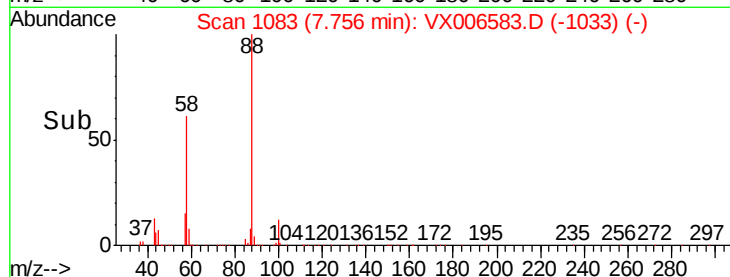
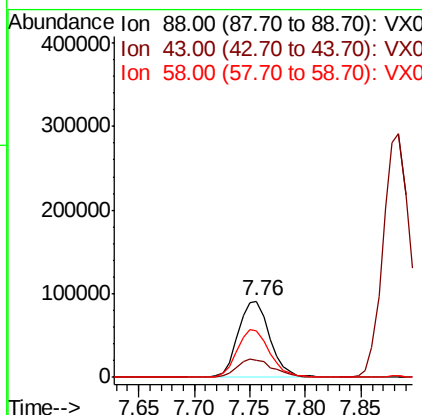
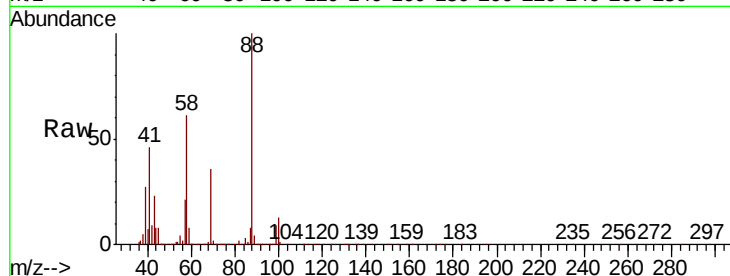
#49  
1,4-Dioxane  
Concen: 1045.037 ug/l  
RT: 7.76 min Scan# 1083  
Delta R.T. 0.01 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 27.3  | 23.2  | 34.8  |
| 58      | 64.0  | 51.4  | 77.0  |

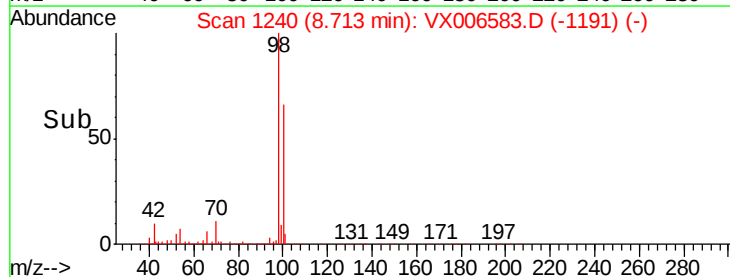
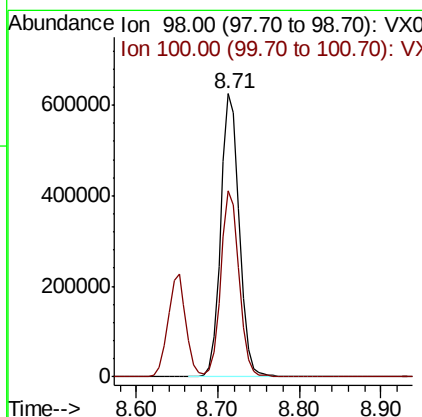
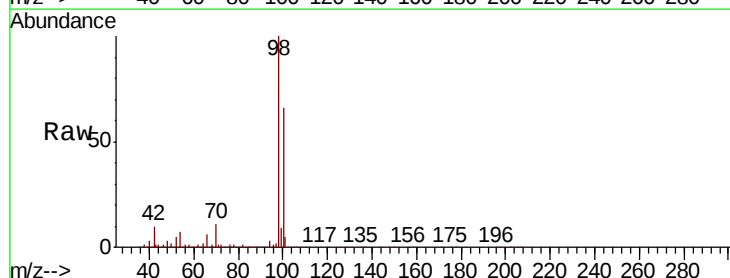
Manual Integrations  
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MMDadoda  
12/18/2018 9:44:57 AM



#50  
Toluene-d8  
Concen: 45.694 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.9  | 52.2  | 78.2  |





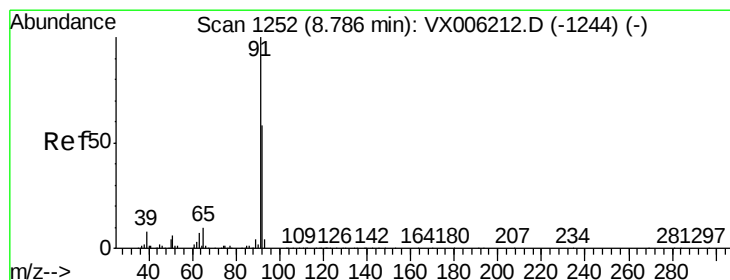
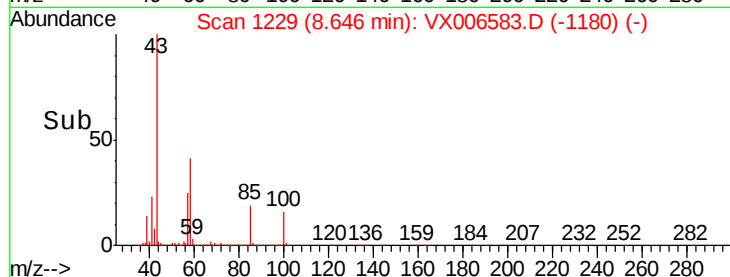
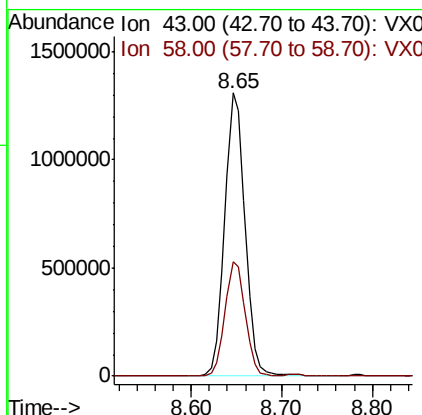
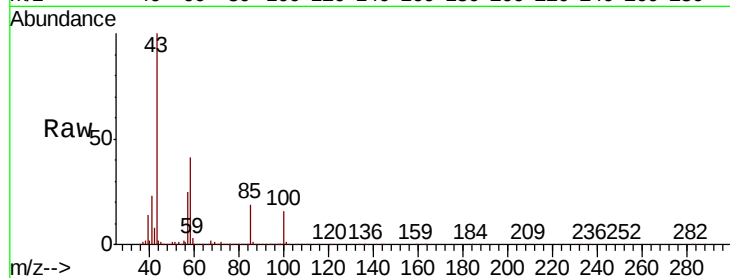
#51  
 4-Methyl-2-Pentanone  
 Concen: 244.020 ug/l  
 RT: 8.65 min Scan# 1229  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

Tot Ion: 43 Resp: 2045870  
 Ion Ratio Lower Upper  
 43 100  
 58 40.2 31.3 46.9

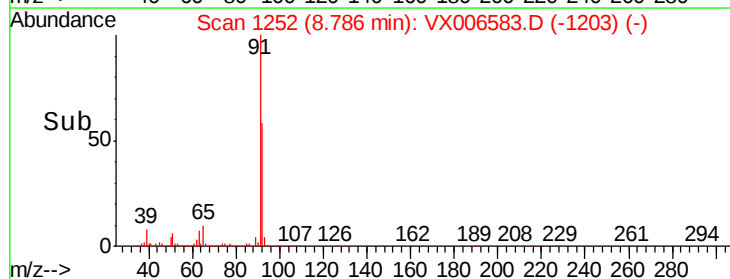
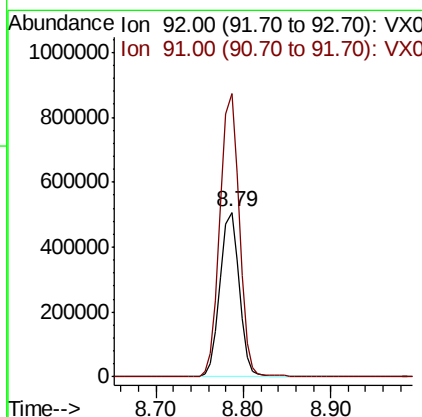
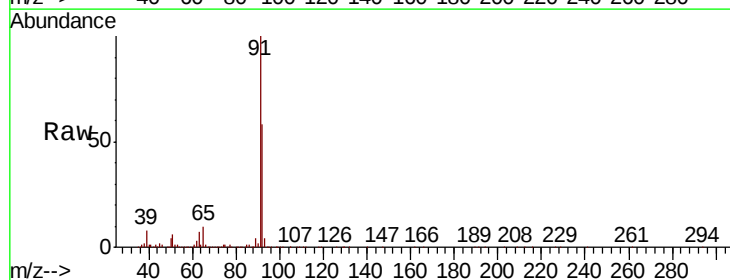
Manual Integrations  
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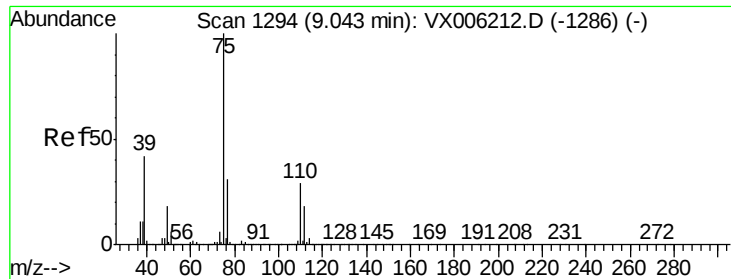
MMDadoda  
 12/18/2018 9:44:57 AM



#52  
 Toluene  
 Concen: 51.254 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Tgt Ion: 92 Resp: 779001  
 Ion Ratio Lower Upper  
 92 100  
 91 172.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 40.354 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 75 Resp: 387551

Ion Ratio Lower Upper

75 100

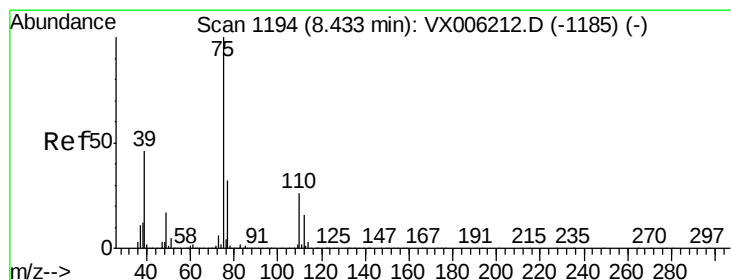
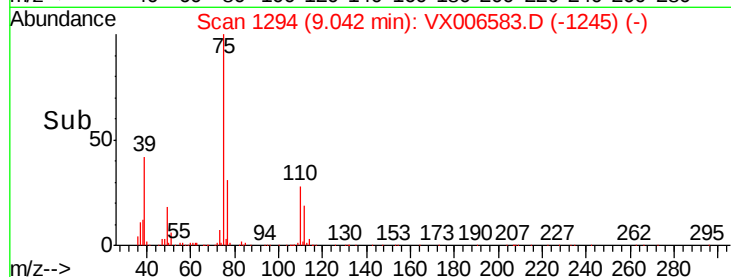
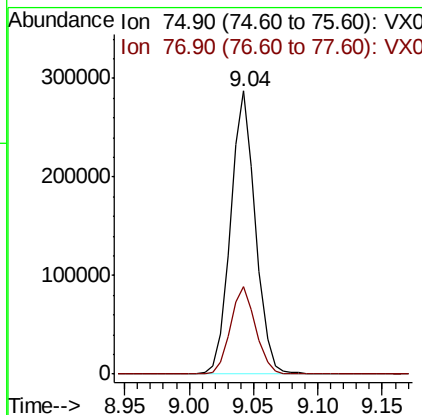
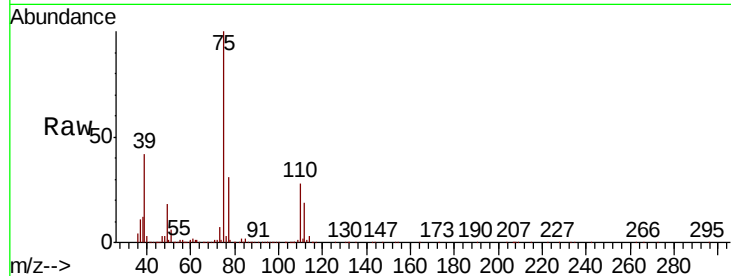
77 30.9 25.0 37.4

Manual Integrations

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MMDadoda

12/18/2018 9:44:57 AM



#54

cis-1,3-Dichloropropene

Concen: 43.022 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

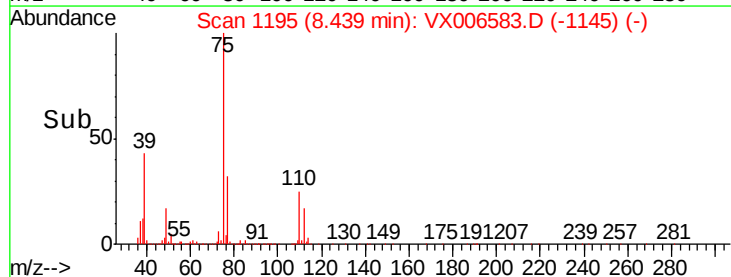
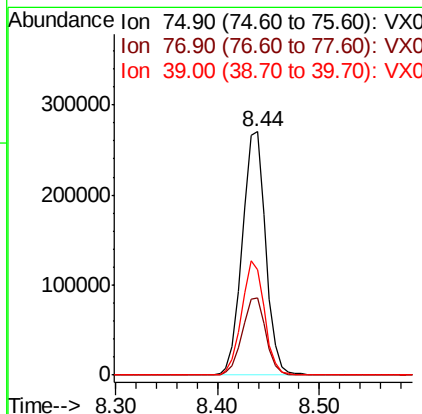
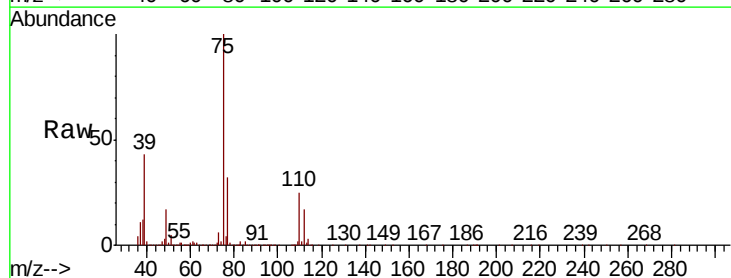
Tgt Ion: 75 Resp: 429038

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 43.2 36.5 54.7





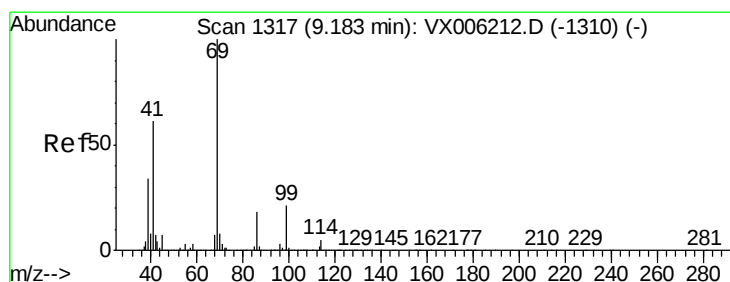
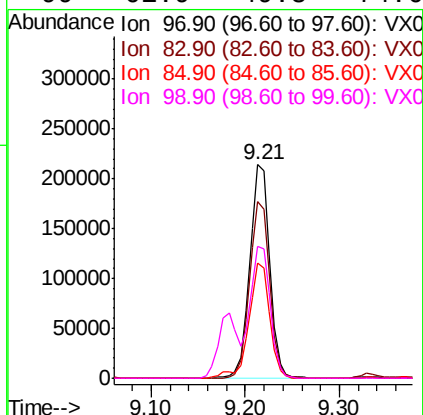
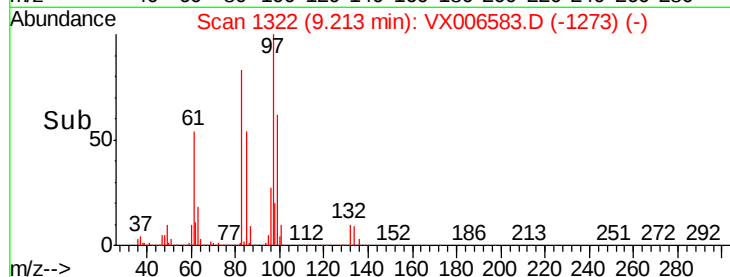
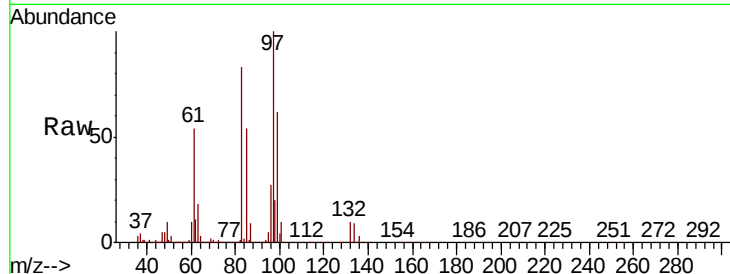
#55  
 1,1,2-Trichloroethane  
 Concen: 51.605 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 318640 |       |       |
| 83      | 82.5 | 67.1  | 100.7  |       |       |
| 85      | 54.1 | 43.2  | 64.8   |       |       |
| 99      | 61.9 | 49.8  | 74.6   |       |       |

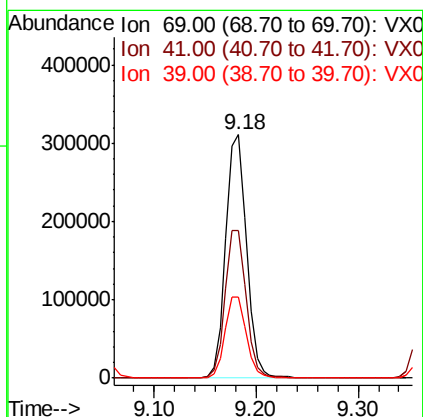
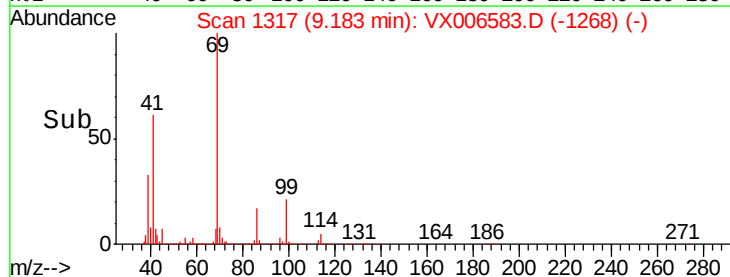
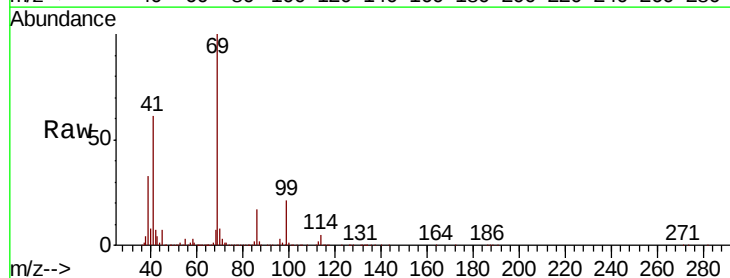
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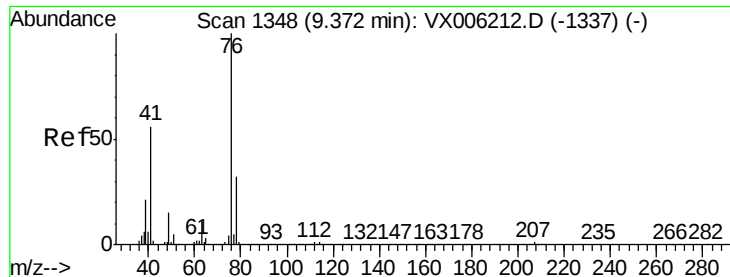
MMDadoda  
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#56  
 Ethyl methacrylate  
 Concen: 45.675 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 440902 |       |       |
| 41      | 61.0 | 50.6  | 76.0   |       |       |
| 39      | 34.1 | 27.6  | 41.4   |       |       |





#57

1,3-Dichloropropane

Concen: 52.148 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 76 Resp: 509168

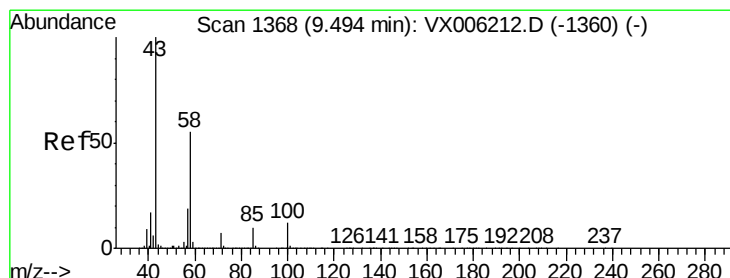
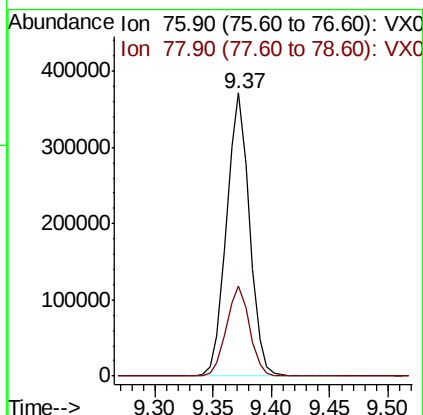
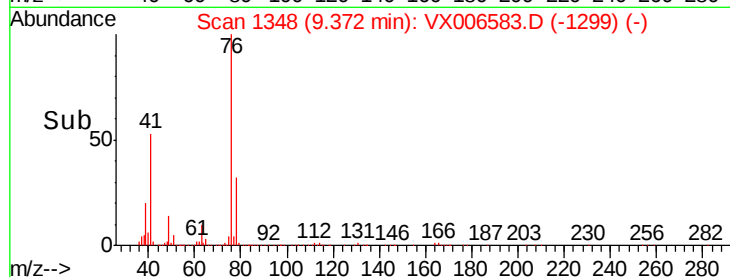
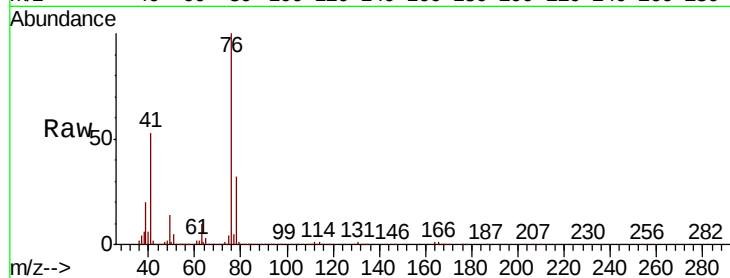
Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1

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#59

2-Hexanone

Concen: 242.535 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006583.D

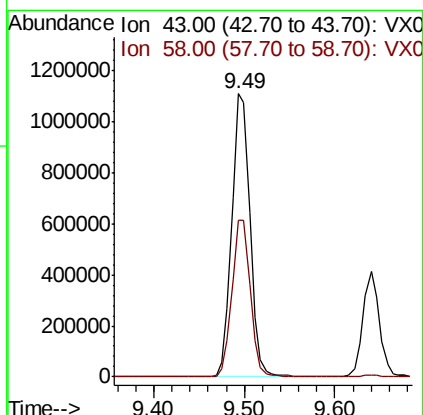
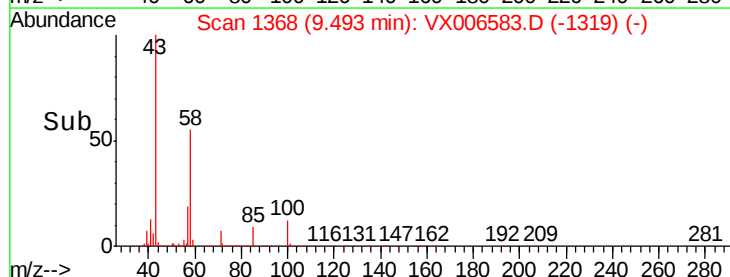
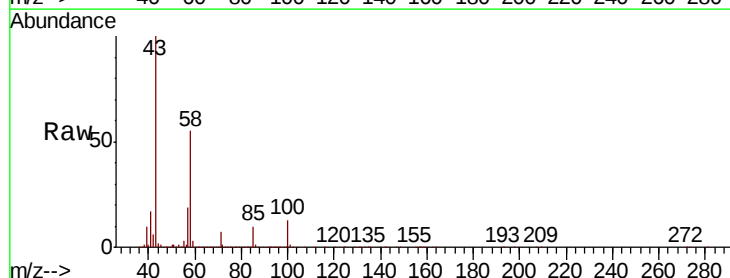
Acq: 17 Dec 2018 19:52

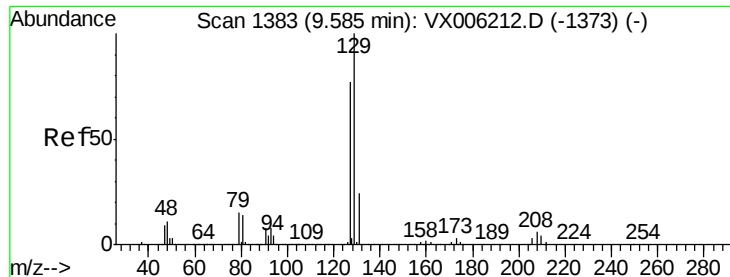
Tgt Ion: 43 Resp: 1553539

Ion Ratio Lower Upper

43 100

58 56.0 27.7 83.1





#60

Dibromochloromethane

Concen: 40.110 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion:129 Resp: 305391

Ion Ratio Lower Upper

129 100

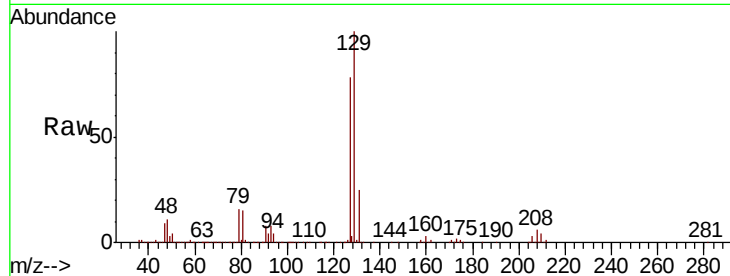
127 77.6 38.6 115.8

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

200000

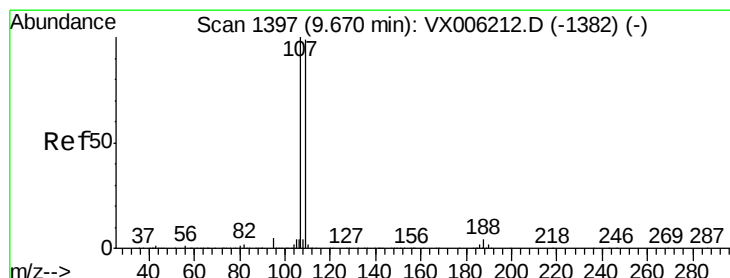
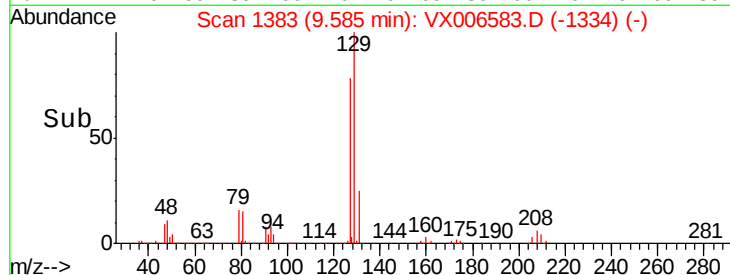
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.108 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006583.D

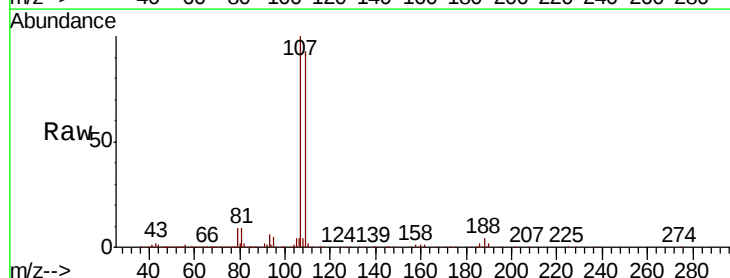
Acq: 17 Dec 2018 19:52

Tgt Ion:107 Resp: 345955

Ion Ratio Lower Upper

107 100

109 94.1 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

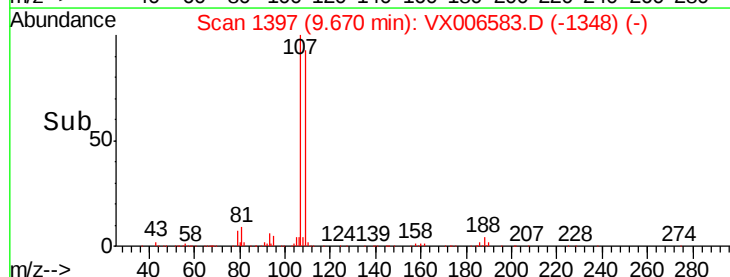
150000

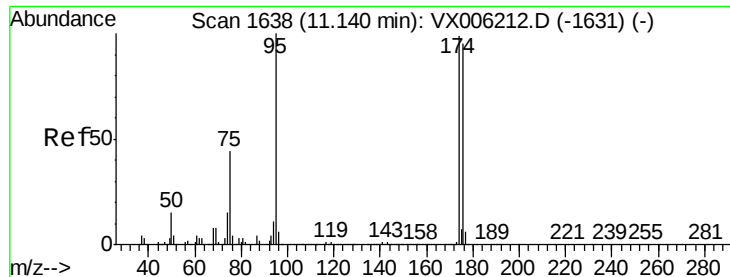
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.425 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

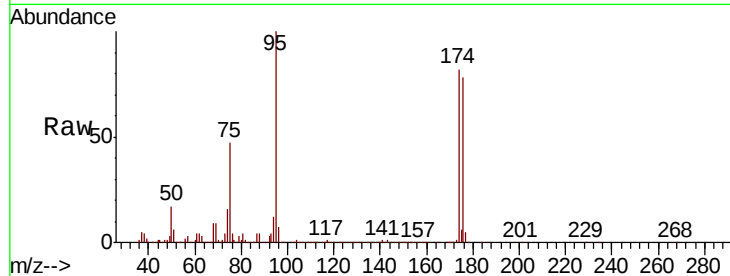
ClientSampleId :

RE105D1-20181210MS

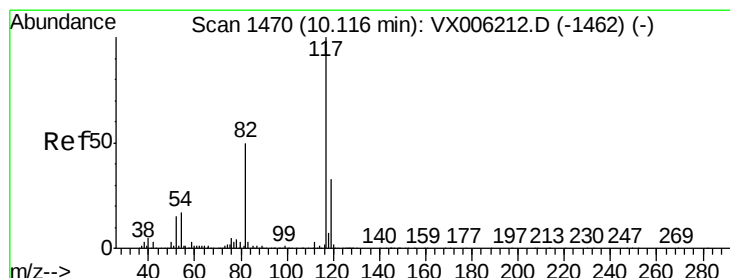
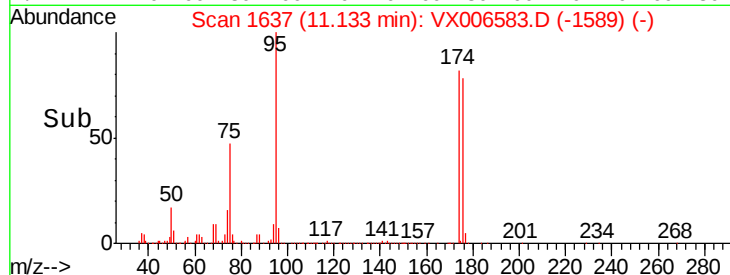
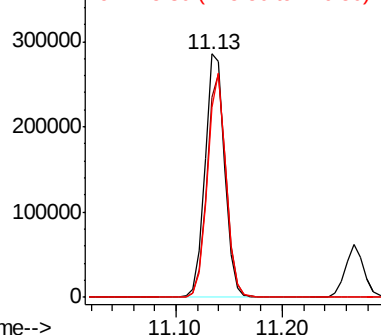
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 369253 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 89.0  | 0.0   | 187.0  |
| 176       | 86.9  | 0.0   | 181.8  |

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Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

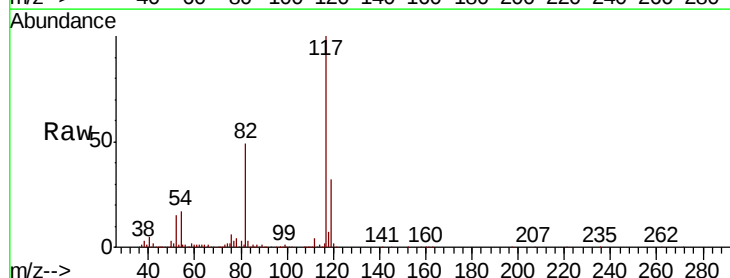
RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

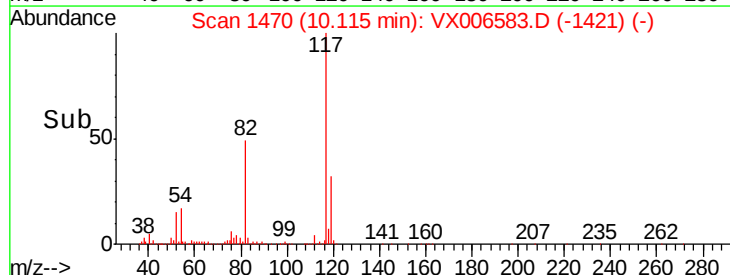
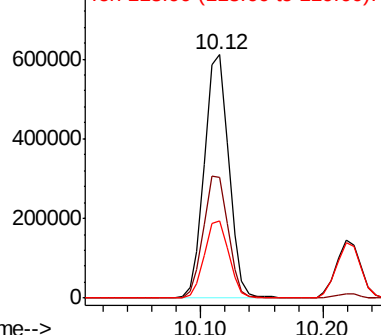
Lab File: VX006583.D

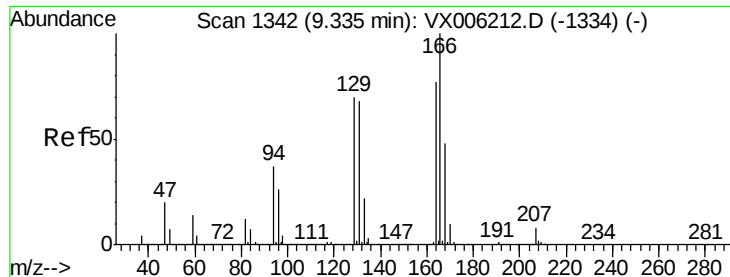
Acq: 17 Dec 2018 19:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 839832 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 49.5  | 39.6  | 59.4   |
| 119       | 31.5  | 26.3  | 39.5   |



Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)





#64

Tetrachloroethene

Concen: 50.788 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion:164 Resp: 321218

Ion Ratio Lower Upper

164 100

166 128.7 104.2 156.2

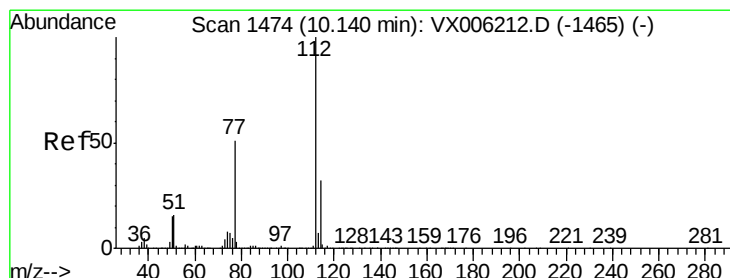
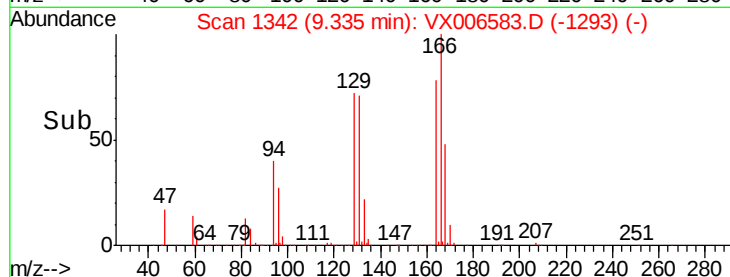
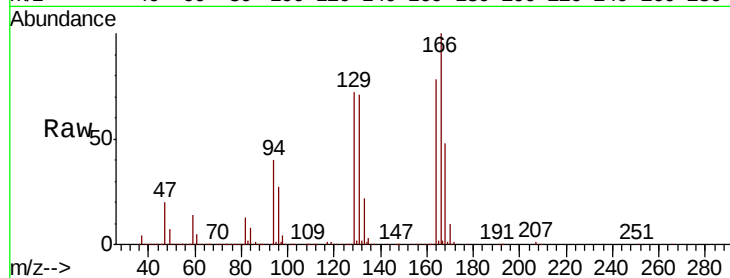
129 92.6 72.6 108.8

131 91.0 70.3 105.5

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#65

Chlorobenzene

Concen: 49.820 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006583.D

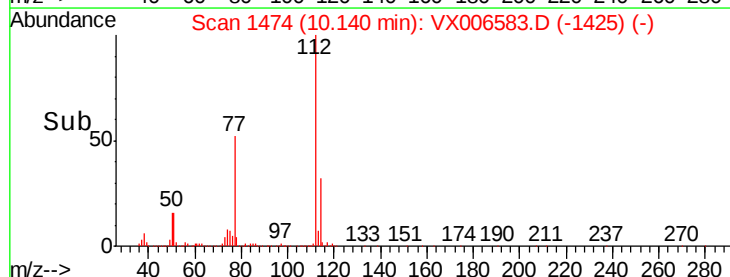
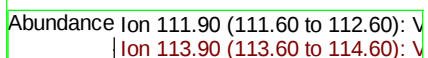
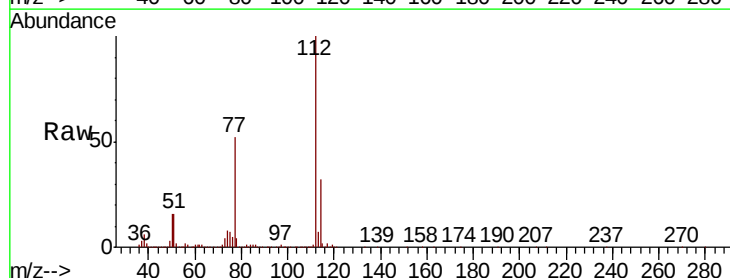
Acq: 17 Dec 2018 19:52

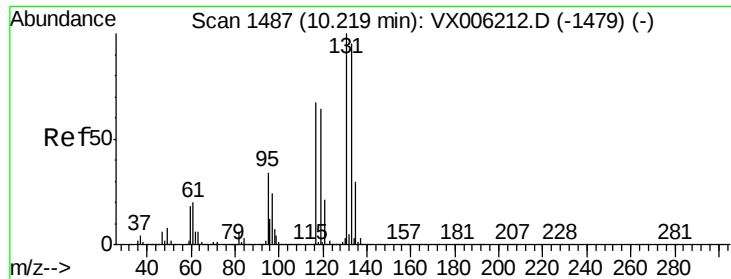
Tgt Ion:112 Resp: 888176

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.2





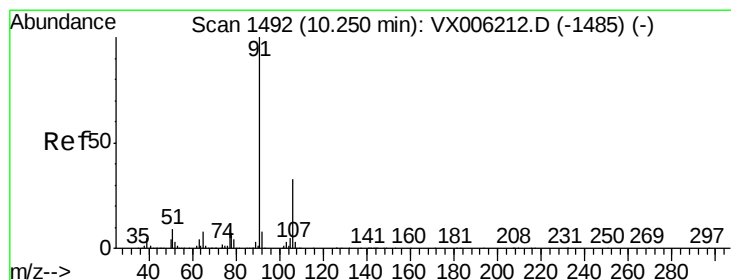
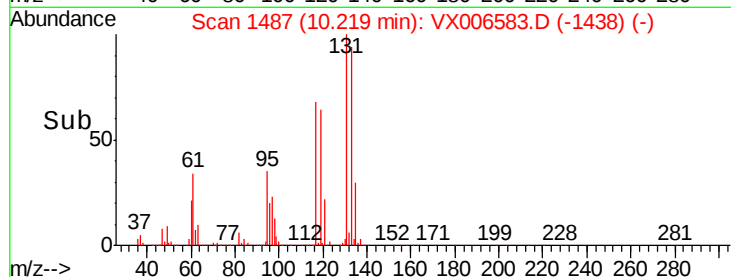
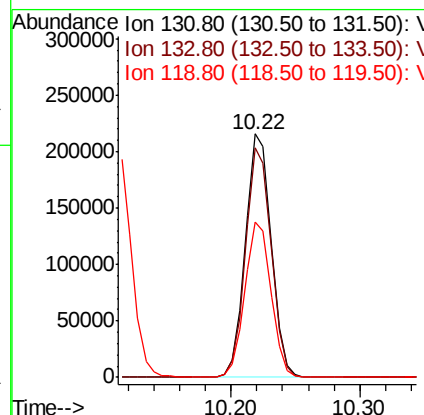
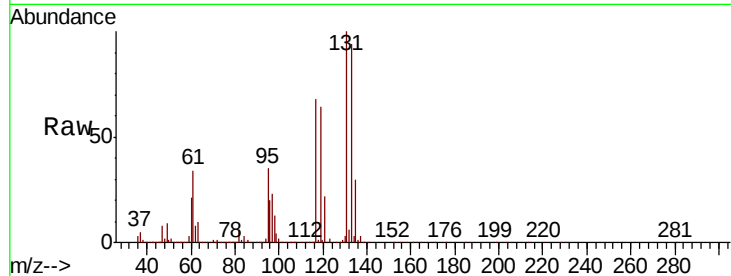
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 42.872 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 296965 |       |       |
| 133     | 93.9  | 48.1   | 144.4 |       |
| 119     | 65.0  | 32.1   | 96.3  |       |

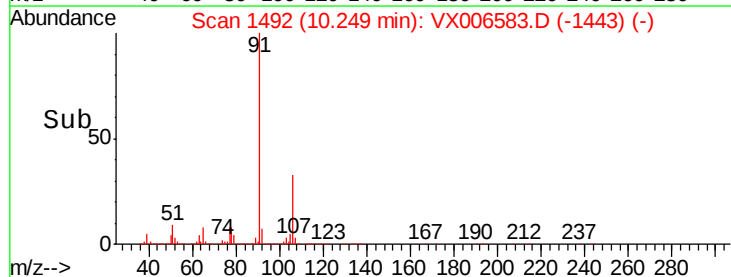
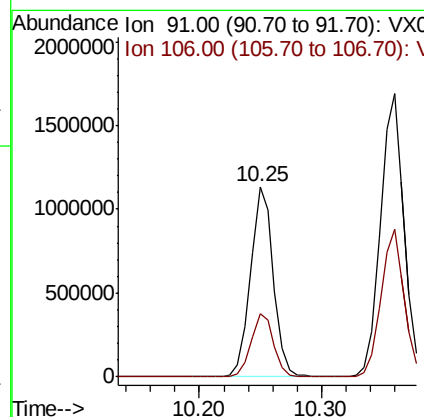
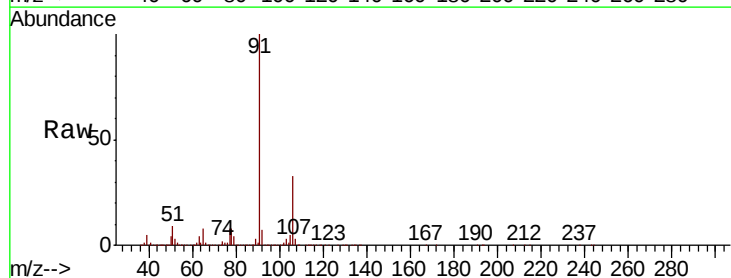
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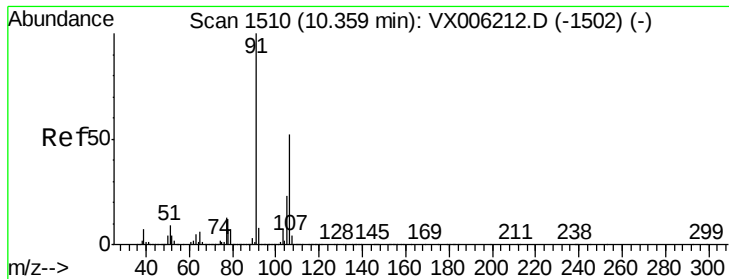
MMDadoda  
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#67  
 Ethyl Benzene  
 Concen: 49.623 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 91      | 100   | 1471390 |       |       |
| 106     | 32.9  | 26.5    | 39.7  |       |





#68

m/p-Xylenes

Concen: 97.769 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion:106 Resp: 1161242

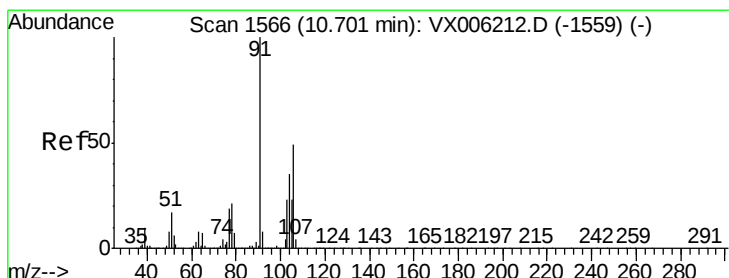
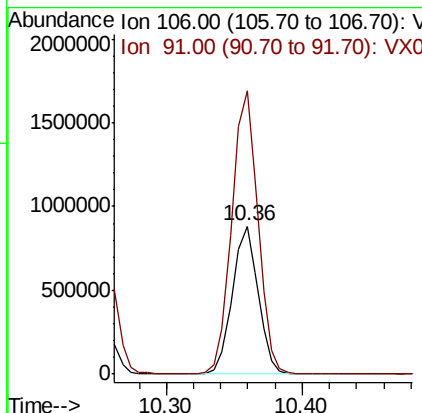
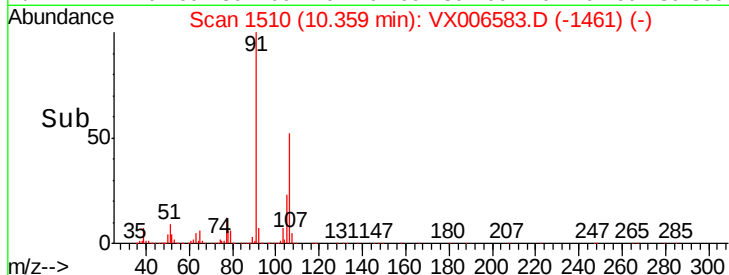
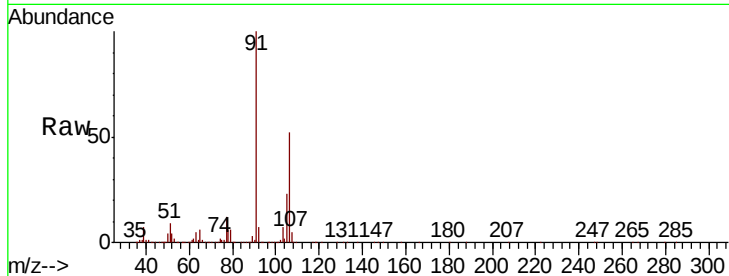
Ion Ratio Lower Upper

106 100

91 195.4 155.2 232.8

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#69

o-Xylene

Concen: 49.108 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006583.D

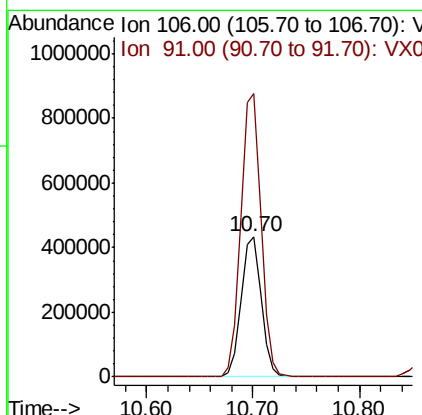
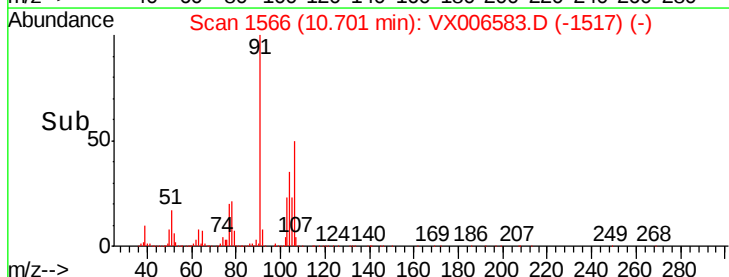
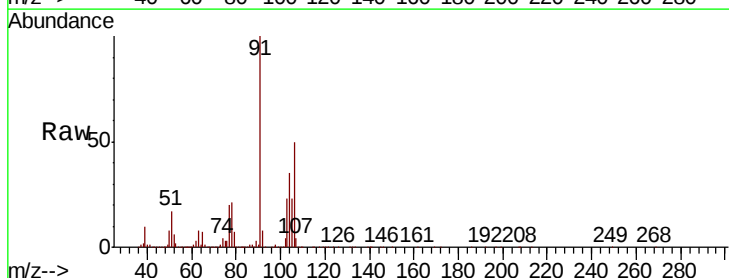
Acq: 17 Dec 2018 19:52

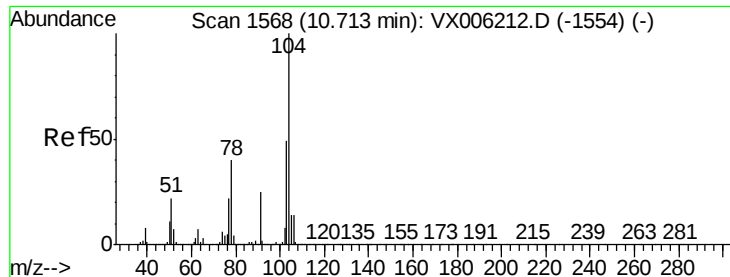
Tgt Ion:106 Resp: 576132

Ion Ratio Lower Upper

106 100

91 203.8 101.8 305.6





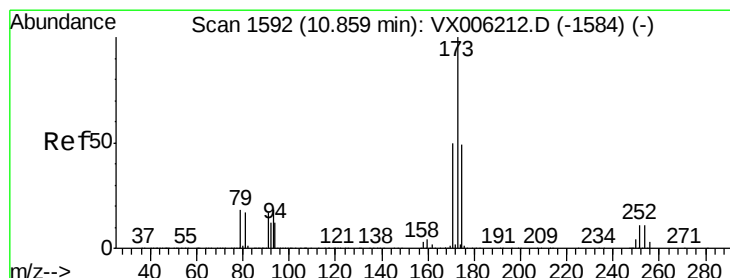
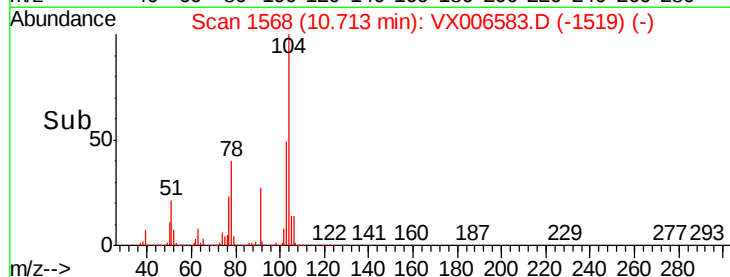
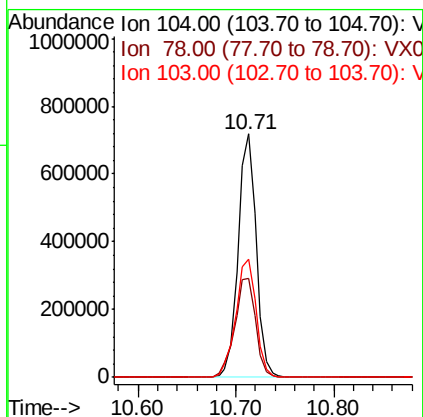
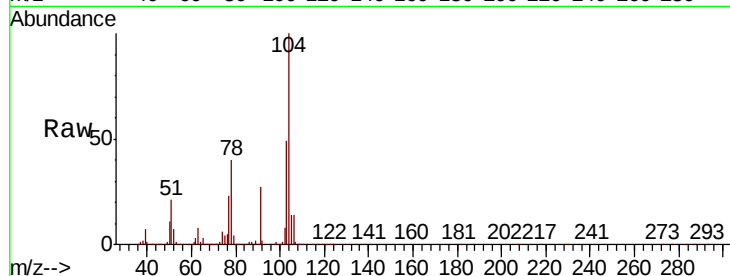
#70  
Stvrene  
Concen: 48.535 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.4  | 37.2  | 55.8  |
| 103     | 55.1  | 43.5  | 65.3  |

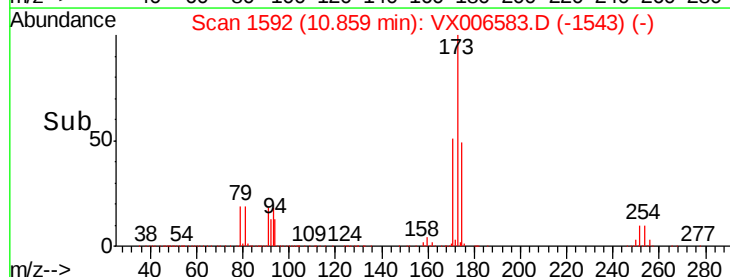
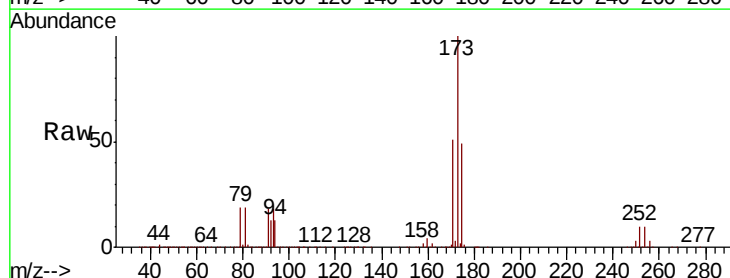
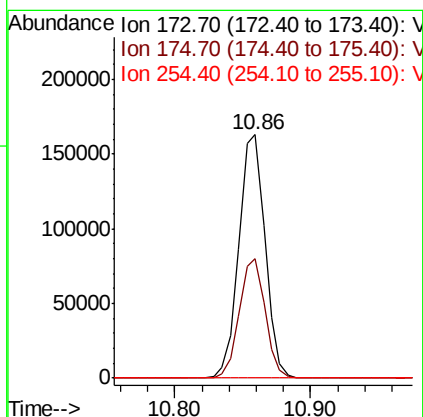
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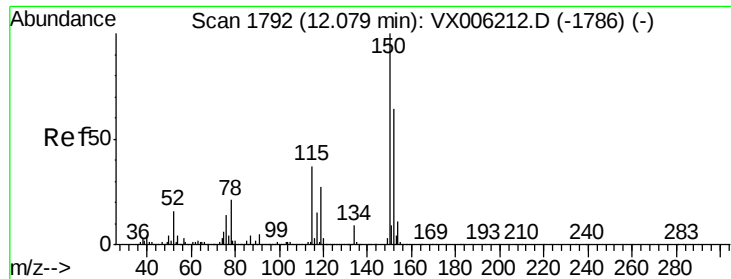
MMDadoda  
12/18/2018 9:44:57 AM



#71  
Bromoform  
Concen: 33.634 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.4  | 24.6  | 73.8  |
| 254     | 0.1   | 0.2   | 0.2#  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

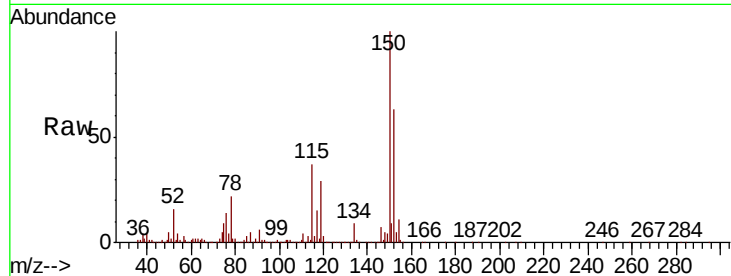
ClientSampleId :

RE105D1-20181210MS

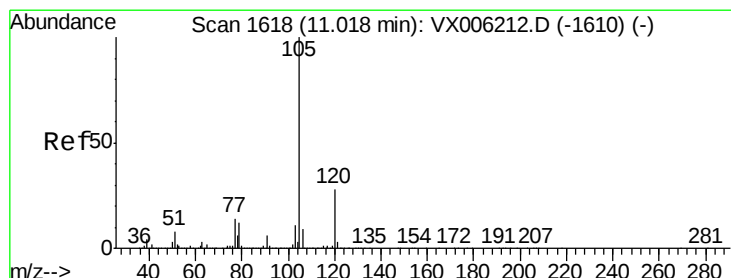
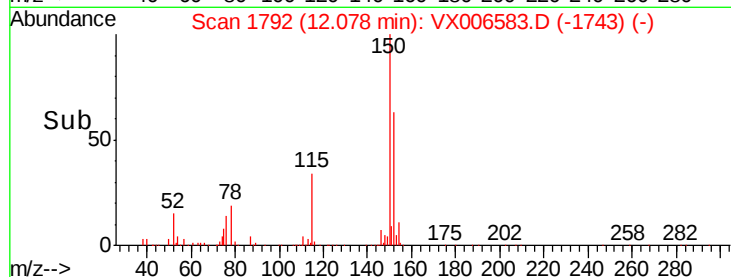
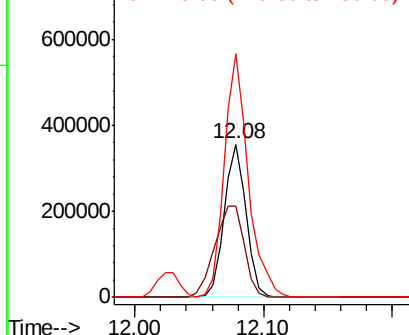
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 424378 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 80.3  | 39.0  | 116.9  |
| 150       | 175.1 | 0.0   | 345.8  |

Manual Integrations  
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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: 52.010 ug/l

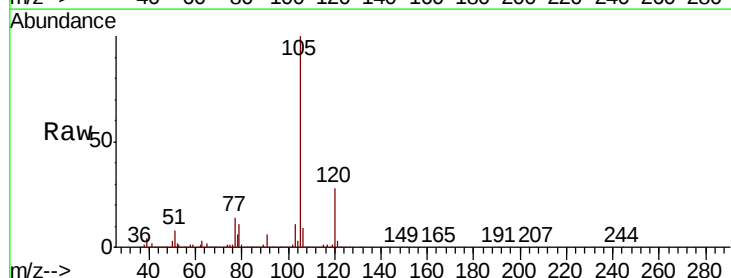
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

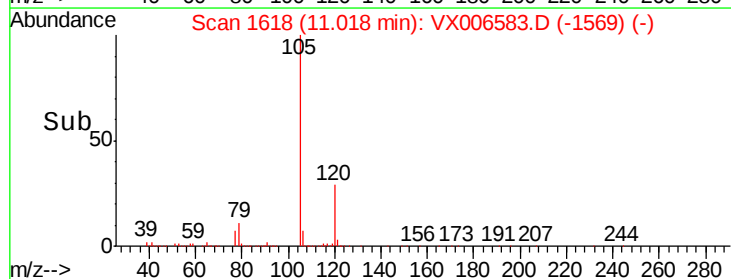
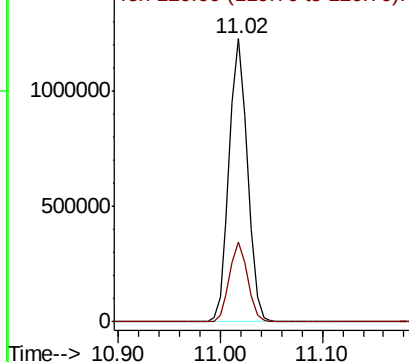
Lab File: VX006583.D

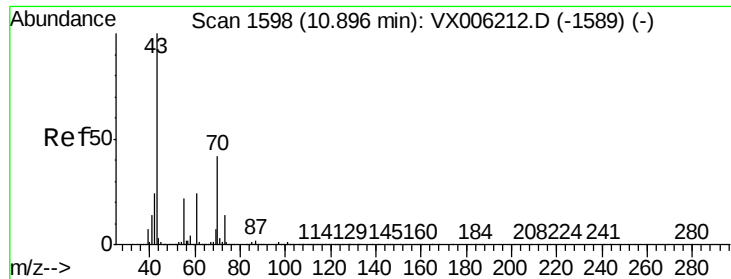
Acq: 17 Dec 2018 19:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 105   | Resp: | 1524267 |
| Ion Ratio | Lower | Upper |         |
| 105       | 100   |       |         |
| 120       | 27.9  | 14.1  | 42.3    |



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





#74

N-amvl acetate

Concen: 39.381 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

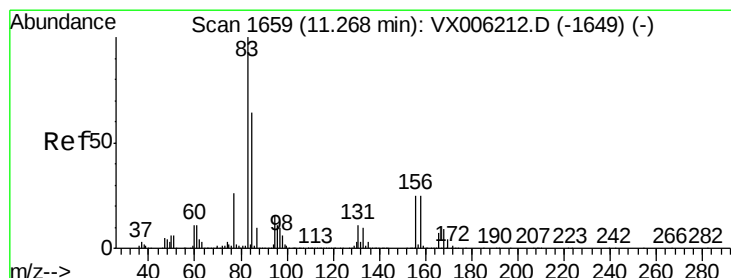
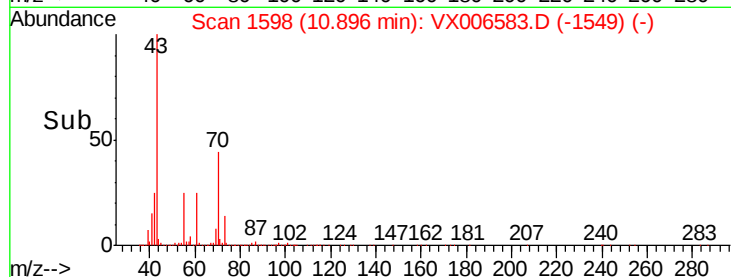
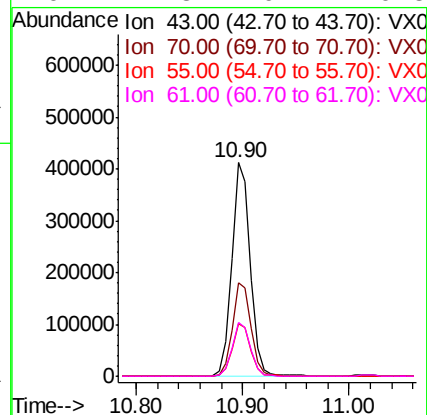
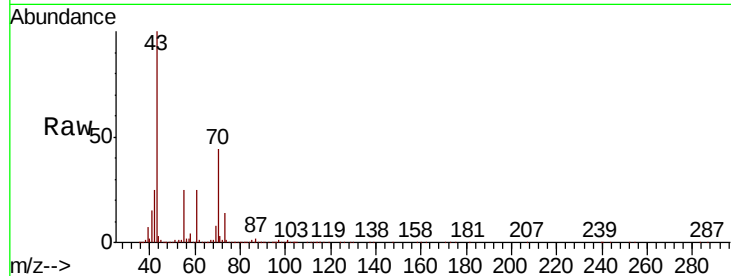
ClientSampleId :

RE105D1-20181210MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 43      | 100  |       | 496995 |       |       |
| 70      | 44.4 | 34.1  | 51.1   |       |       |
| 55      | 25.1 | 17.8  | 26.8   |       |       |
| 61      | 24.8 | 19.7  | 29.5   |       |       |

Manual Integrations  
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MMDadoda  
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.398 ug/l

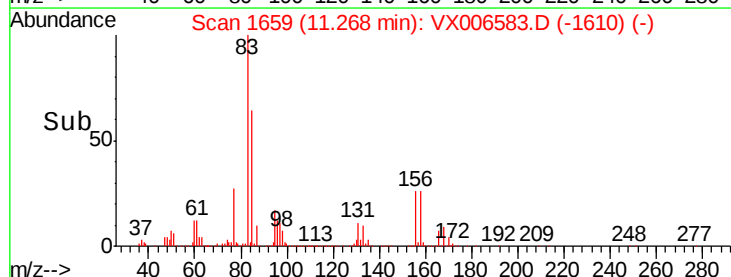
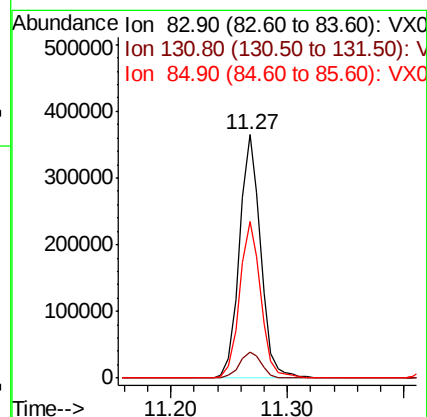
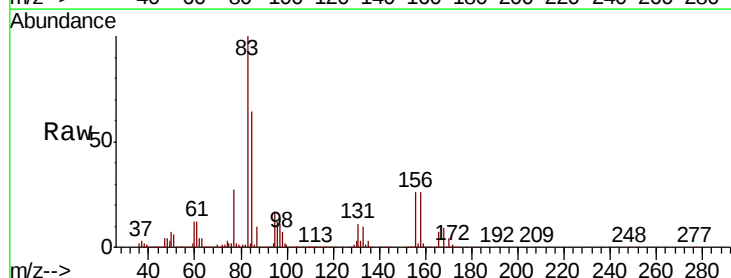
RT: 11.27 min Scan# 1659

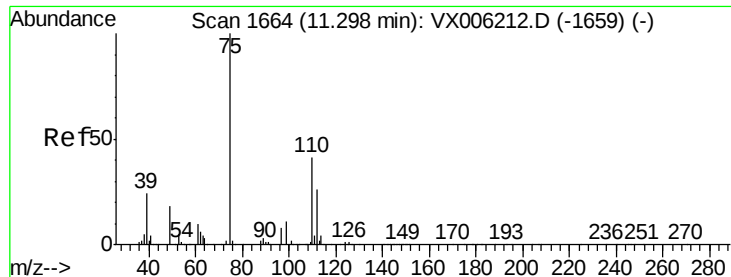
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 83      | 100  |       | 463149 |       |       |
| 131     | 11.1 | 5.7   | 17.1   |       |       |
| 85      | 64.3 | 32.1  | 96.5   |       |       |





#76

1,2,3-Trichloropropane

Concen: 51.896 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 75 Resp: 425087

Ion Ratio Lower Upper

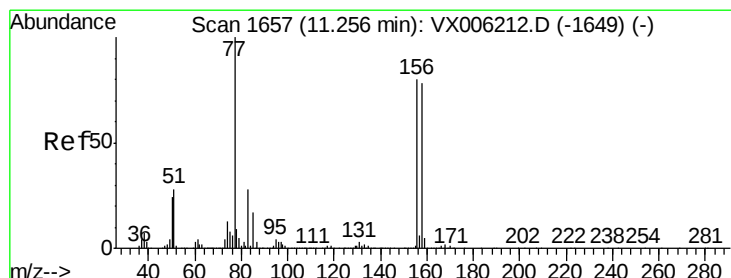
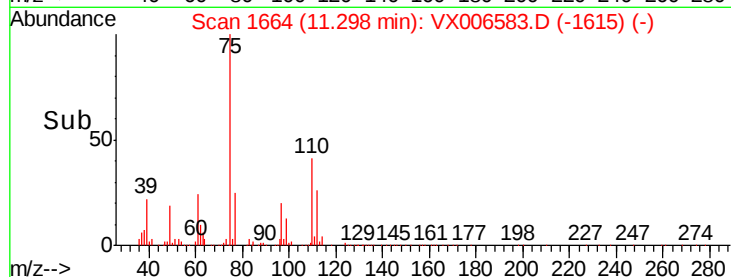
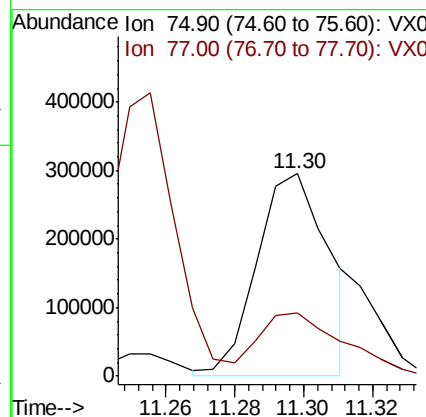
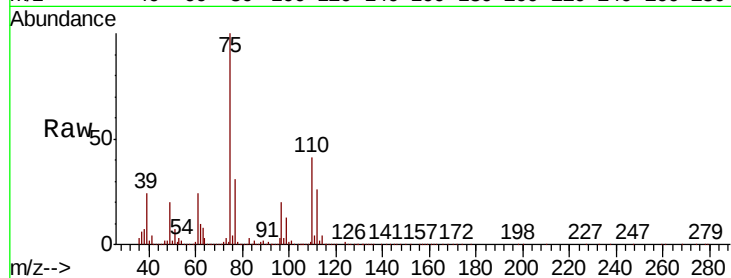
75 100

77 37.1 19.9 59.7

Manual Integrations  
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#77

Bromobenzene

Concen: 48.803 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

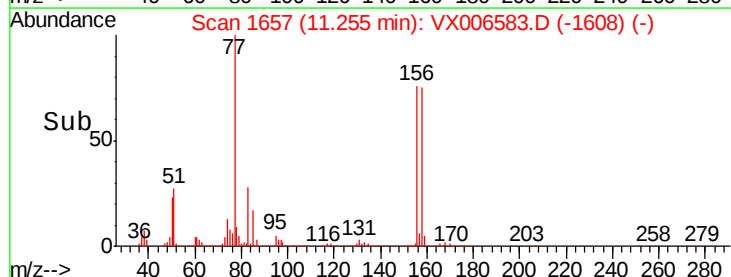
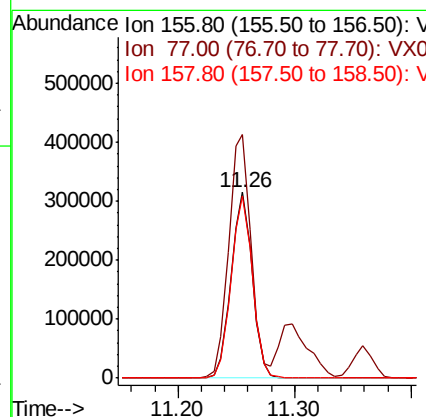
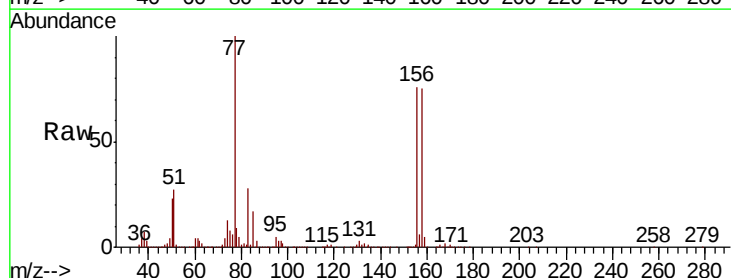
Tgt Ion: 156 Resp: 396929

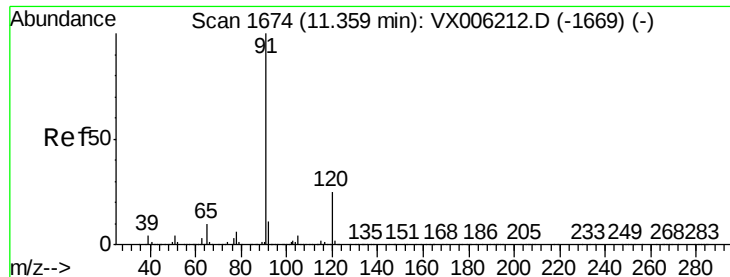
Ion Ratio Lower Upper

156 100

77 138.2 66.2 198.6

158 99.0 48.8 146.4





#78

n-propylbenzene

Concen: 51.154 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 91 Resp: 1666481

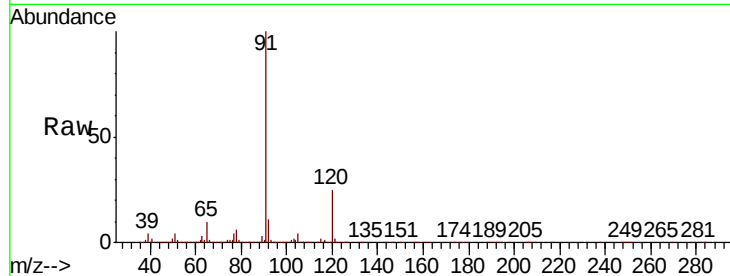
Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0

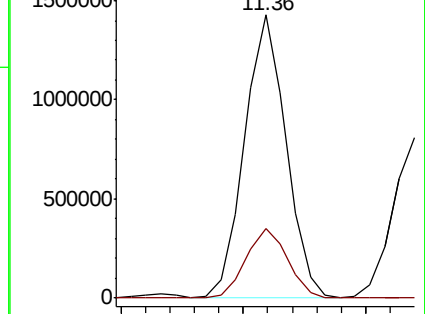
Manual Integrations  
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12/18/2018 9:44:57 AM

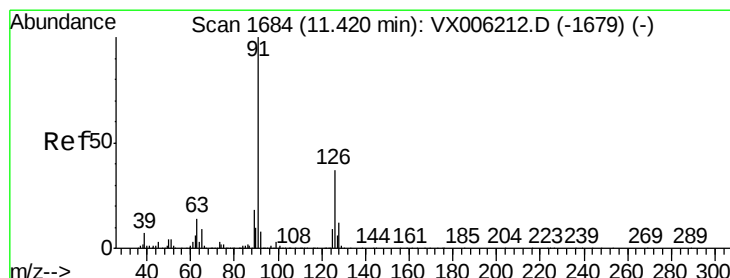
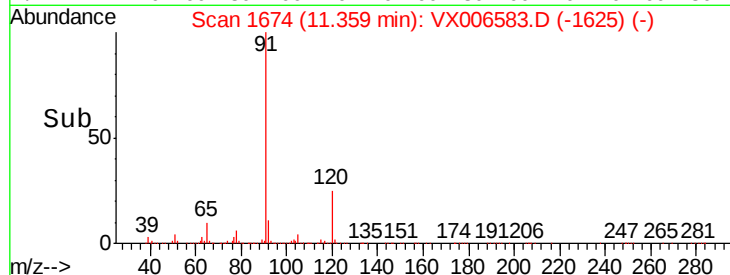


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 51.158 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006583.D

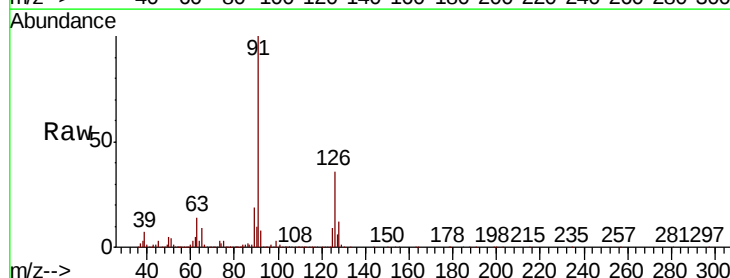
Acq: 17 Dec 2018 19:52

Tgt Ion: 91 Resp: 990571

Ion Ratio Lower Upper

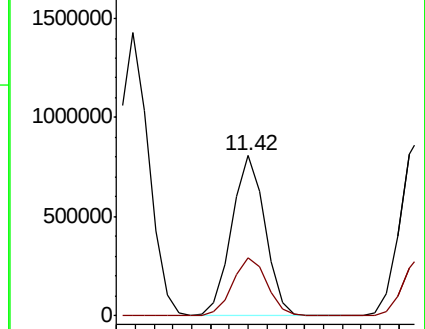
91 100

126 37.5 18.6 56.0

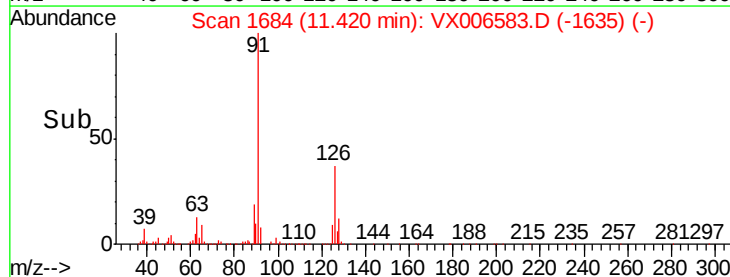


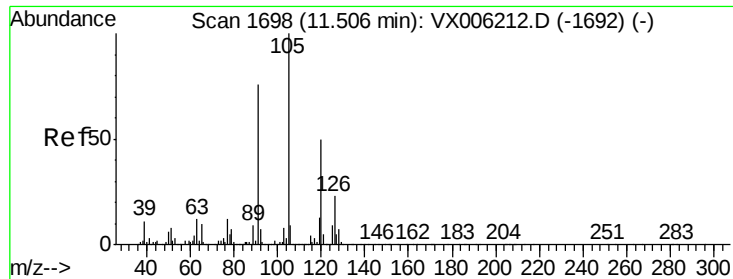
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.35 11.40 11.45





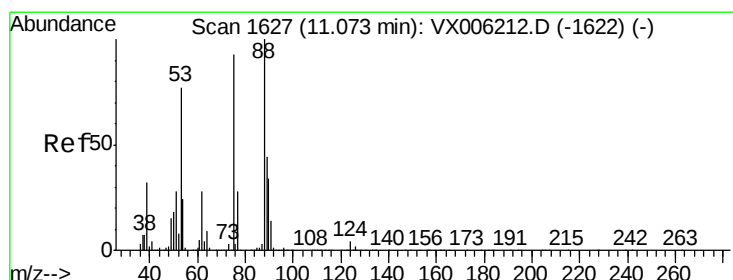
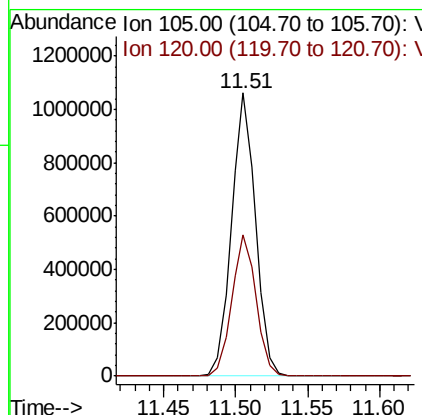
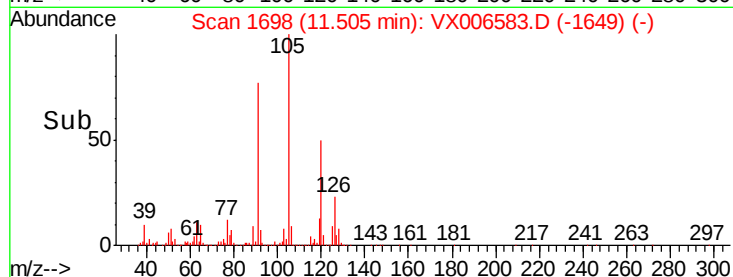
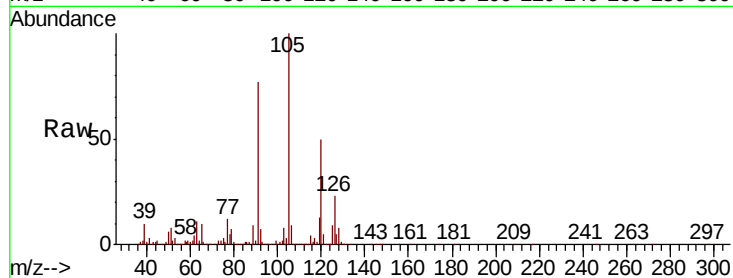
#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.978 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

Tot Ion:105 Resp: 1243060  
 Ion Ratio Lower Upper  
 105 100  
 120 50.4 25.4 76.0

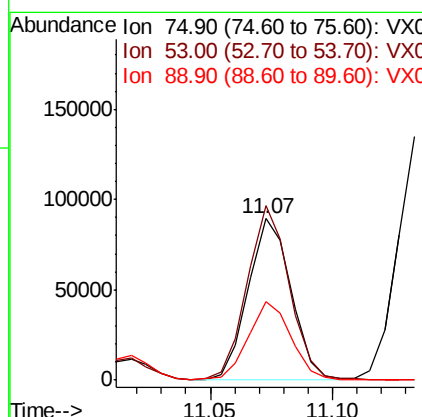
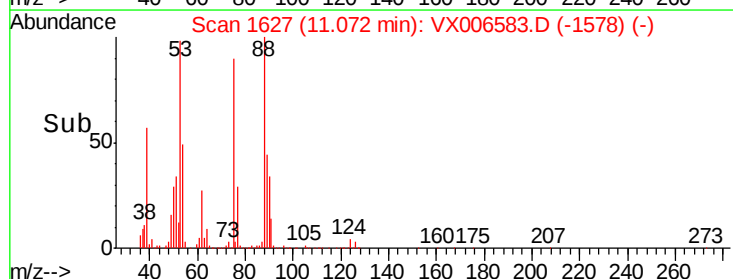
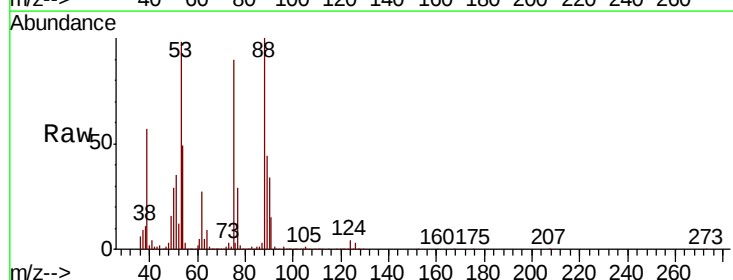
Manual Integrations  
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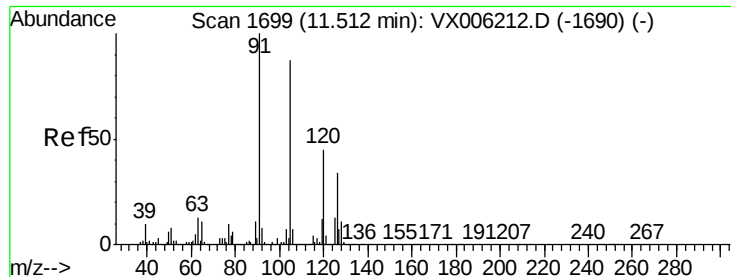
MMDadoda  
 12/18/2018 9:44:57 AM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 31.131 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Tgt Ion: 75 Resp: 108661  
 Ion Ratio Lower Upper  
 75 100  
 53 107.3 64.4 96.6#  
 89 48.7 44.2 66.4





#82

4-Chlorotoluene

Concen: 50.546 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion: 91 Resp: 1137913

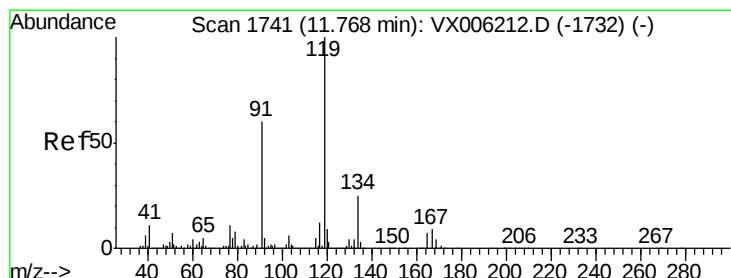
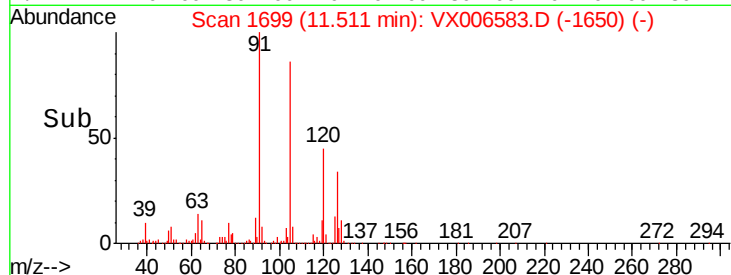
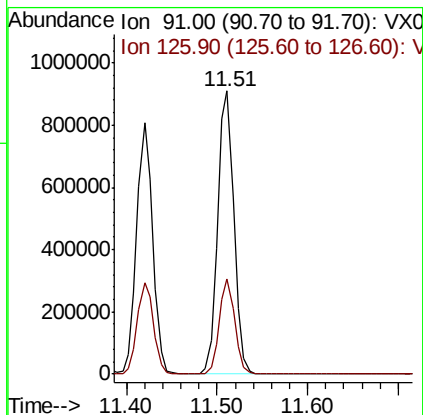
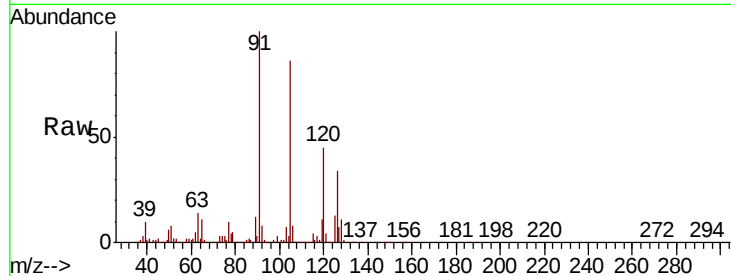
Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.4

Manual Integrations  
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12/18/2018 9:44:57 AM



#83

tert-Butylbenzene

Concen: 48.628 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

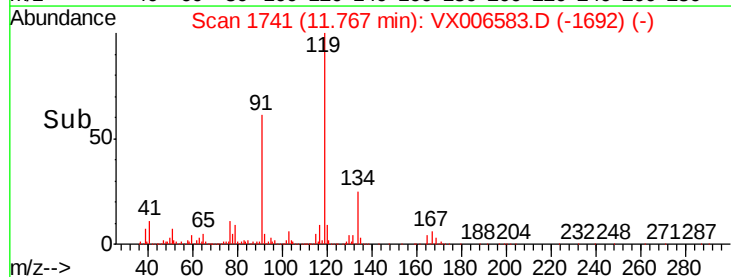
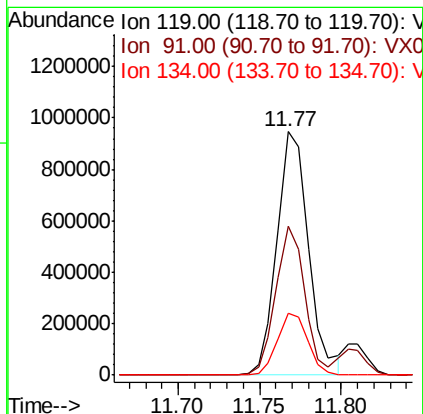
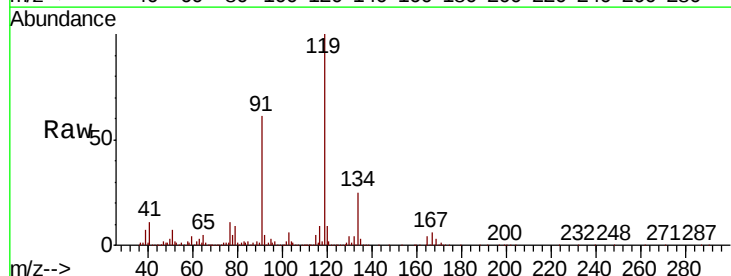
Tgt Ion: 119 Resp: 1265158

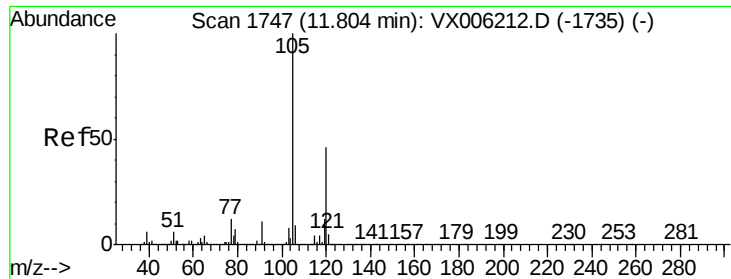
Ion Ratio Lower Upper

119 100

91 56.2 26.4 79.2

134 24.4 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 51.071 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

ClientSampleId :

RE105D1-20181210MS

Tot Ion:105 Resp: 1285906

Ion Ratio Lower Upper

105 100

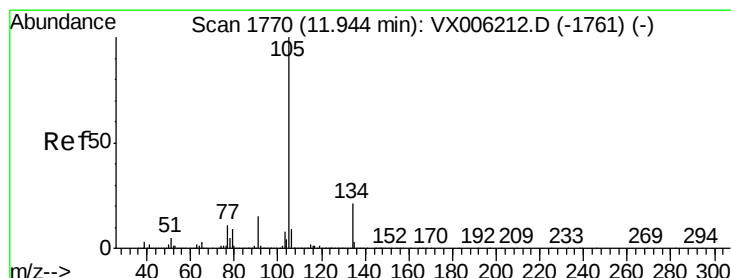
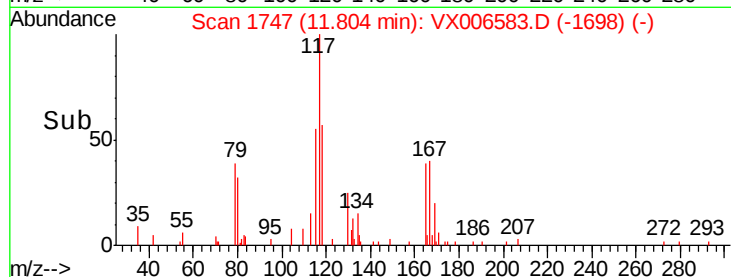
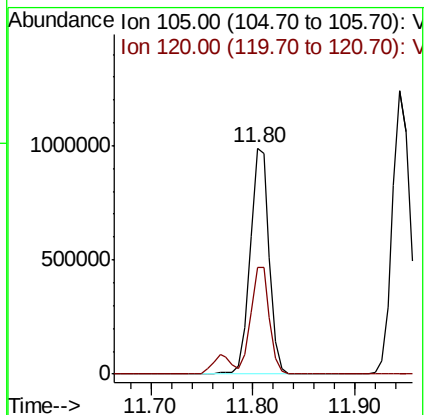
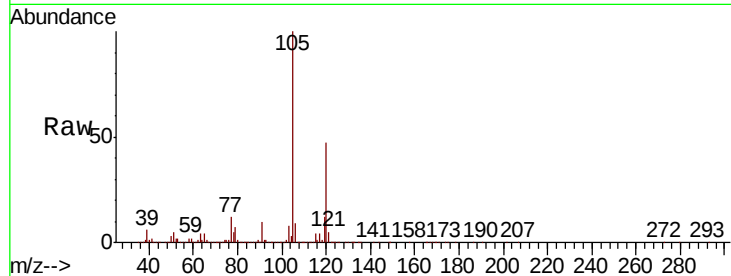
120 46.5 23.4 70.0

Manual Integrations

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#85

sec-Butylbenzene

Concen: 51.073 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006583.D

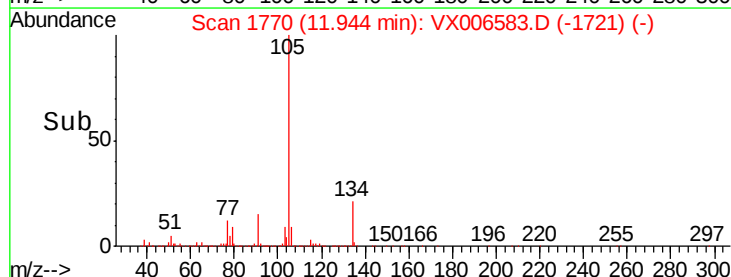
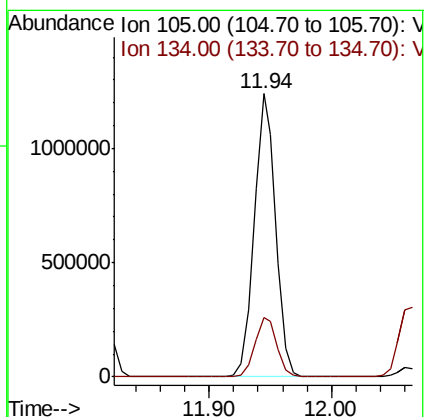
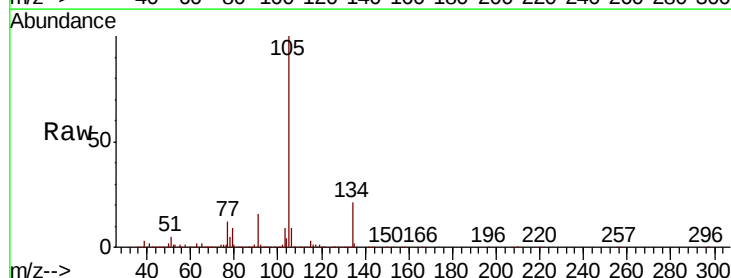
Acq: 17 Dec 2018 19:52

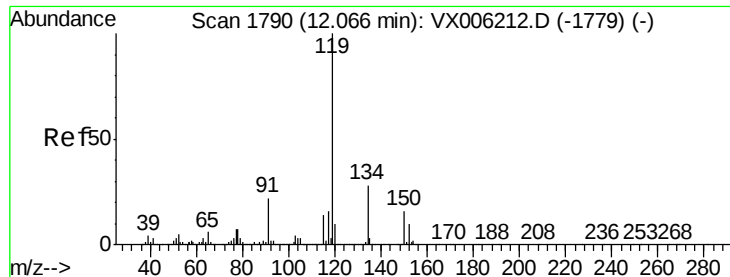
Tgt Ion:105 Resp: 1511672

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4





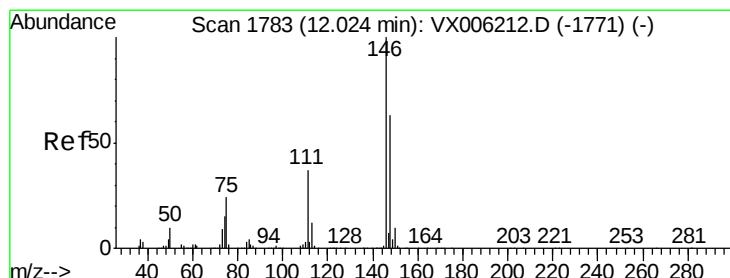
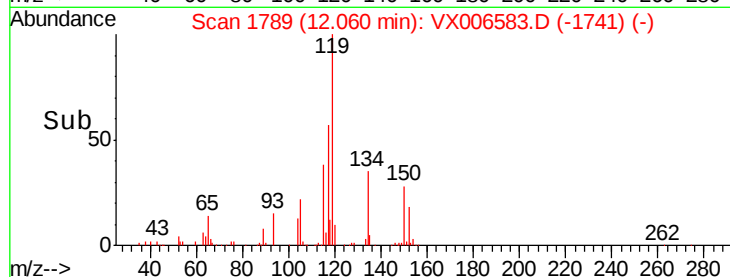
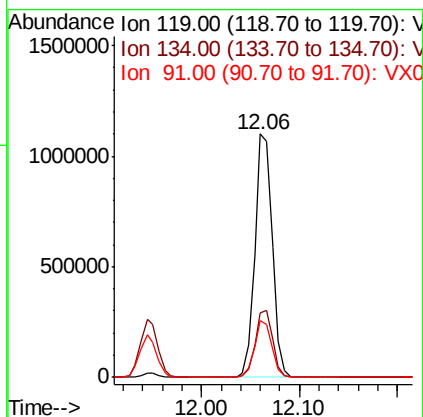
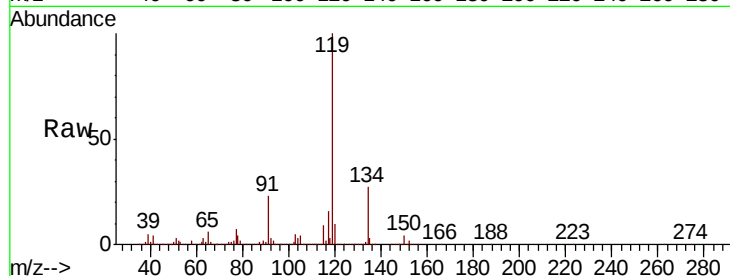
#86  
p-Isopropyltoluene  
Concen: 50.629 ug/l  
RT: 12.06 min Scan# 1789  
Delta R.T. -0.01 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.6  | 13.9  | 41.6  |
| 91      | 22.9  | 11.3  | 33.8  |

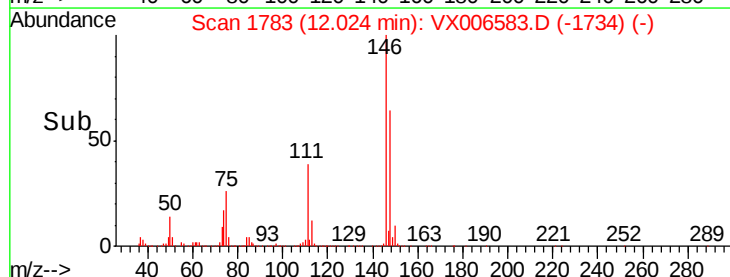
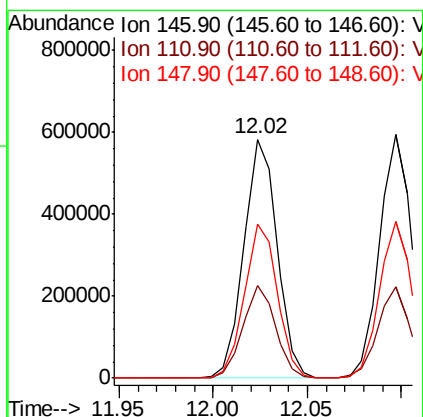
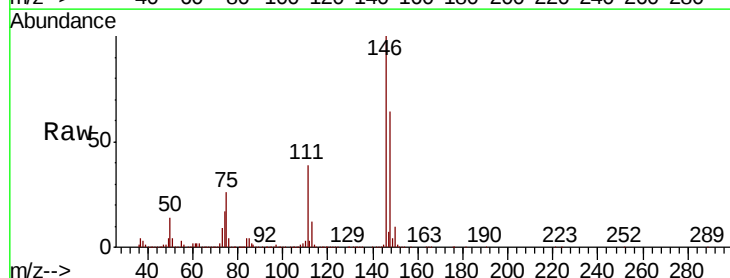
Manual Integrations  
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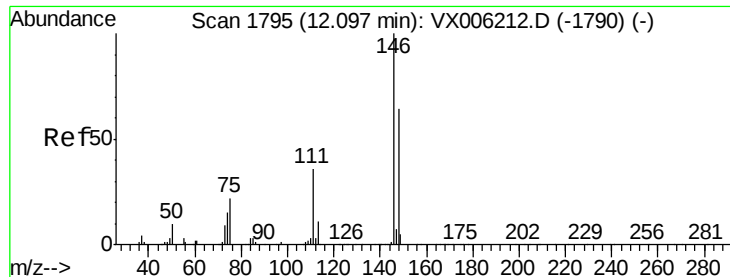
MMDadoda  
12/18/2018 9:44:57 AM



#87  
1,3-Dichlorobenzene  
Concen: 49.423 ug/l  
RT: 12.02 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.9  | 18.4  | 55.2  |
| 148     | 63.9  | 32.0  | 96.0  |





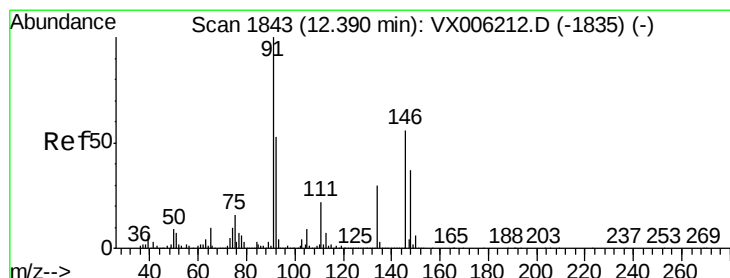
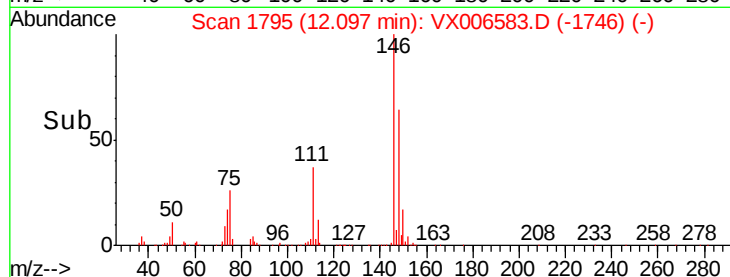
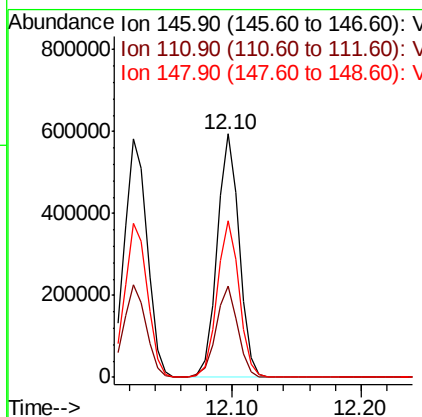
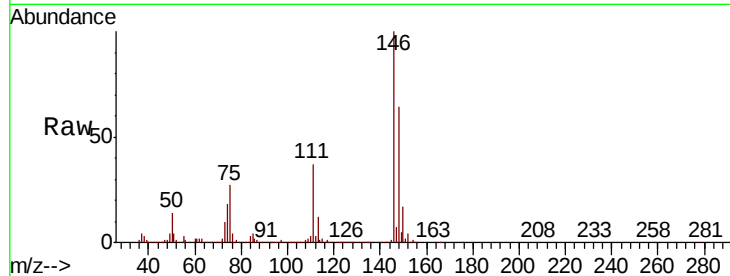
#88  
 1,4-Dichlorobenzene  
 Concen: 48.766 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.9  | 18.3  | 54.8  |
| 148     | 64.1  | 31.9  | 95.9  |

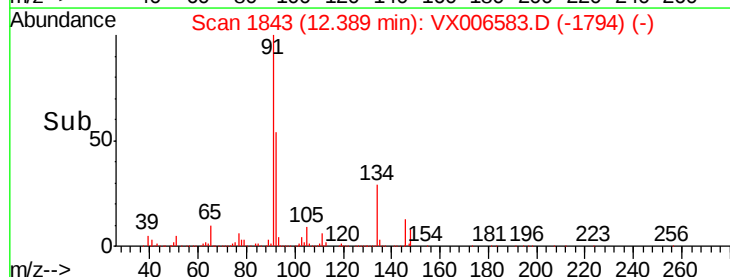
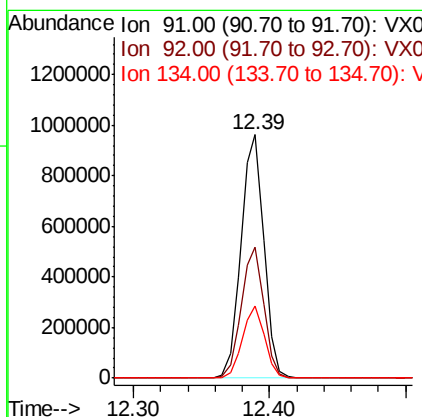
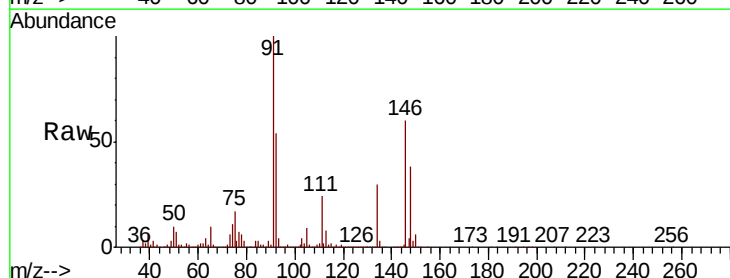
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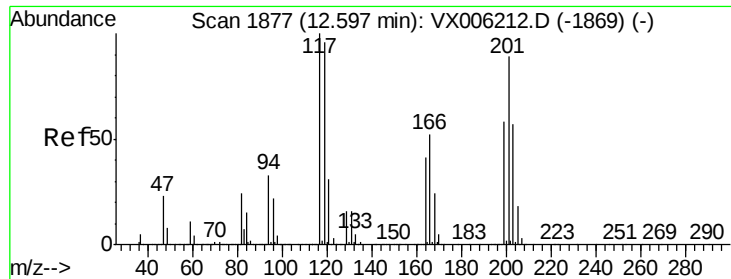
MMDadoda  
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#89  
 n-Butylbenzene  
 Concen: 49.430 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.2  | 26.6  | 79.8  |
| 134     | 28.6  | 14.8  | 44.3  |





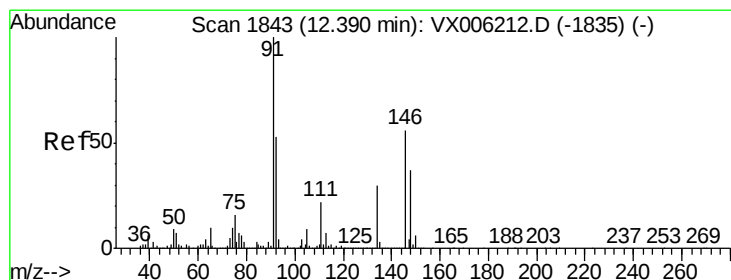
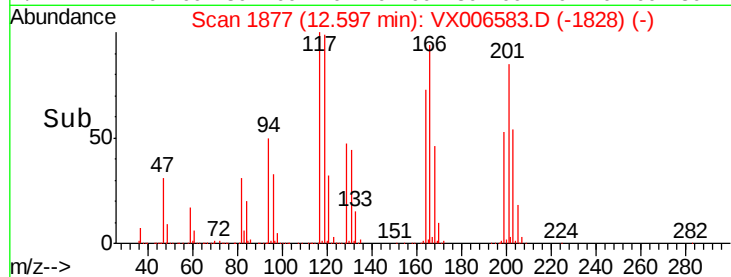
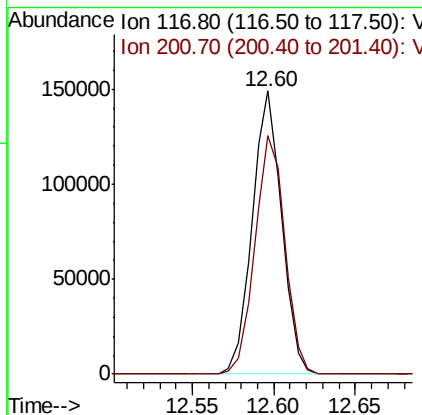
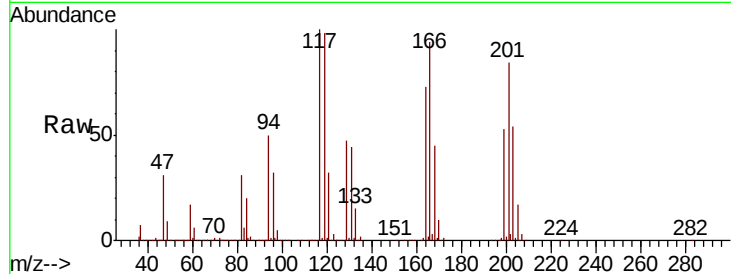
#90  
Hexachloroethane  
Concen: 34.507 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE105D1-20181210MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.6  | 44.7  | 134.1 |

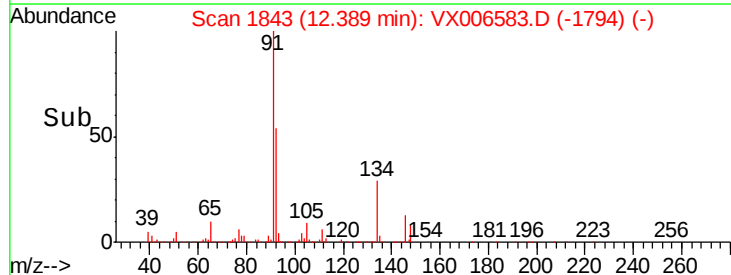
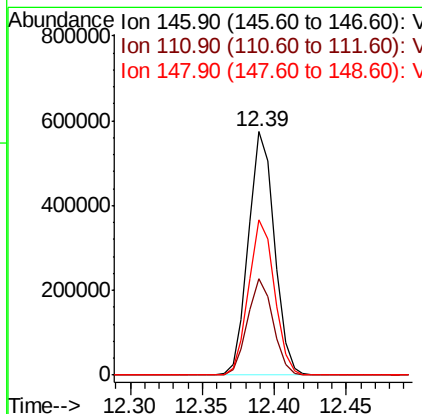
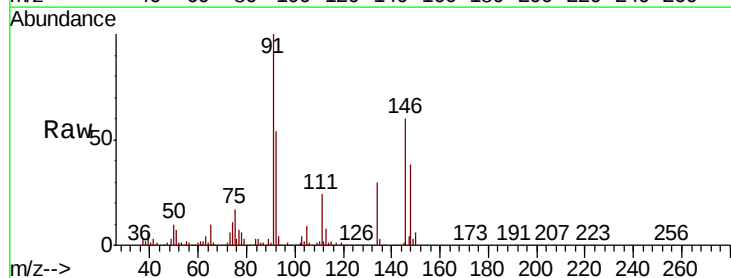
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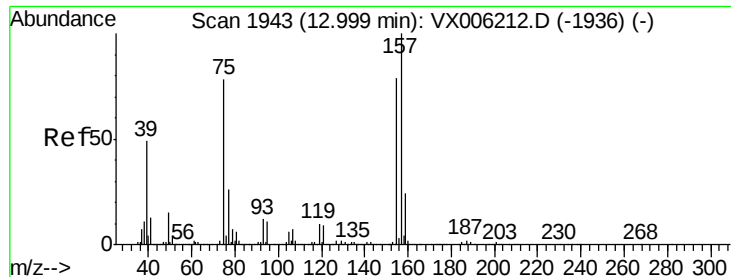
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#91  
1,2-Dichlorobenzene  
Concen: 49.533 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX006583.D  
Acq: 17 Dec 2018 19:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.1  | 57.3  |
| 148     | 63.7  | 32.1  | 96.3  |





#92

1,2-Dibromo-3-Chloropropane

Concen: 40.389 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

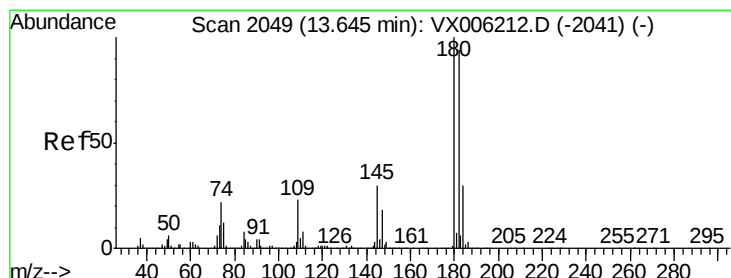
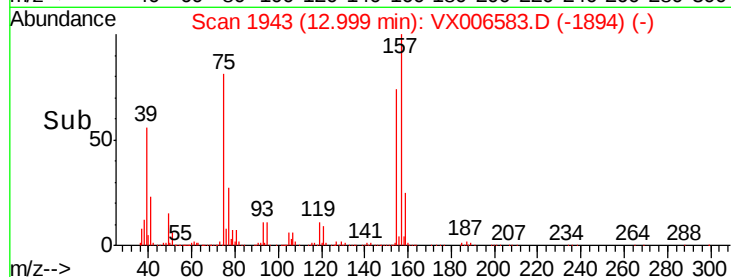
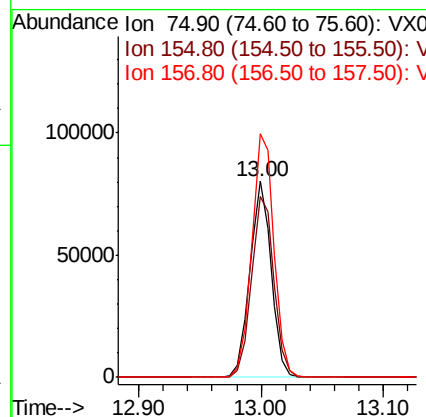
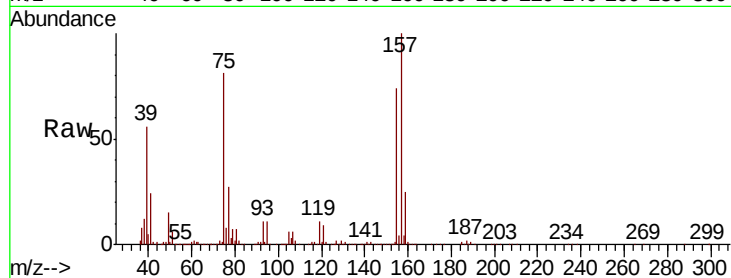
ClientSampleId :

RE105D1-20181210MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 97072 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 97.0  | 53.4  | 160.3 |
| 157       | 129.6 | 68.0  | 203.8 |

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#93

1,2,4-Trichlorobenzene

Concen: 46.855 ug/l

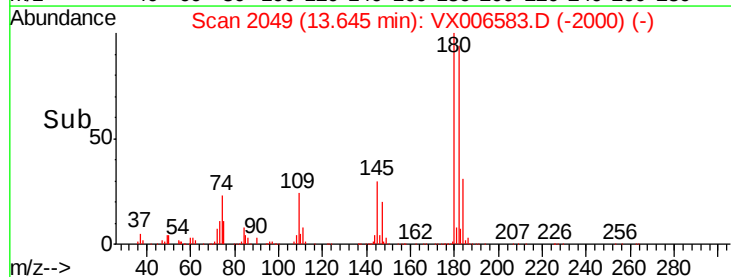
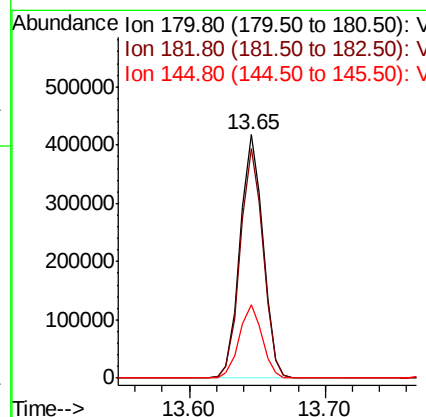
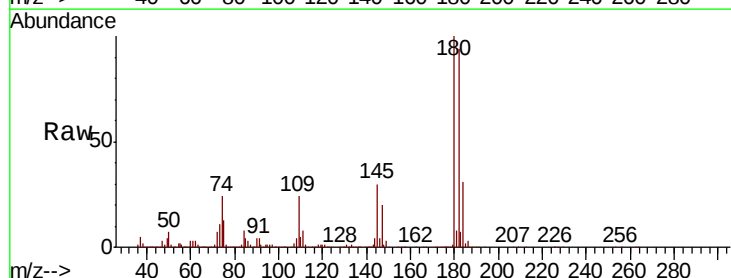
RT: 13.65 min Scan# 2049

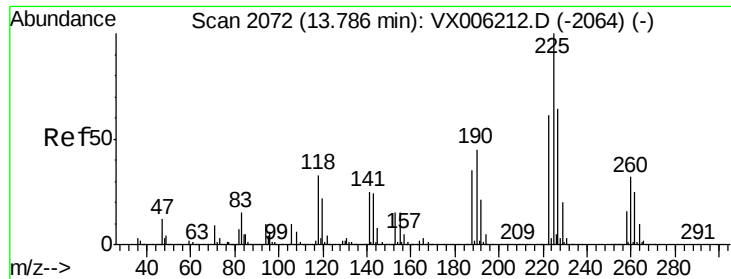
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 490978 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.2  | 47.3  | 141.9  |
| 145       | 30.1  | 14.6  | 43.8   |





#94

Hexachlorobutadiene

Concen: 46.392 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

Instrument :

MSVOA\_X

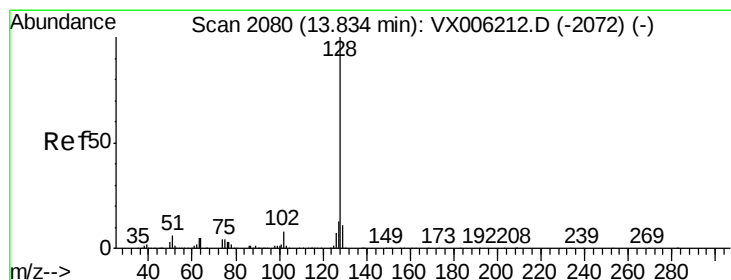
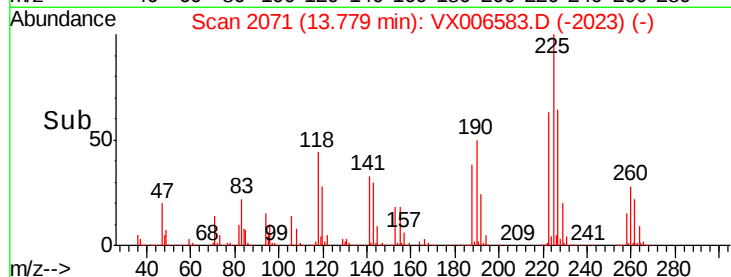
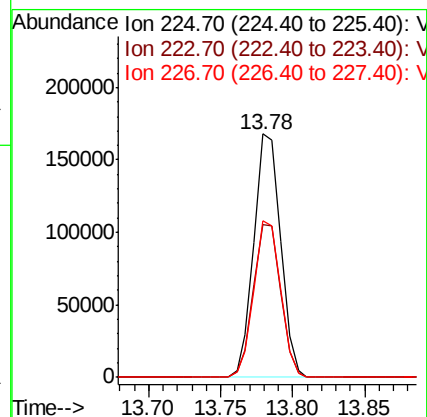
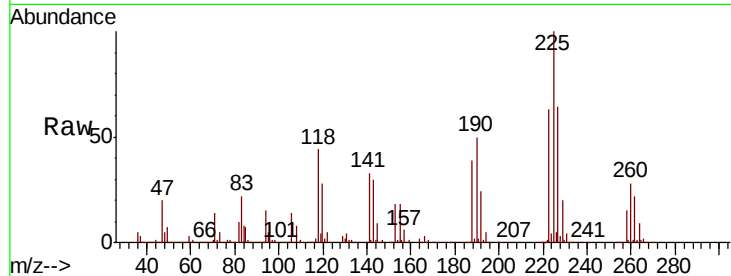
ClientSampleId :

RE105D1-20181210MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 225   | Resp: | 214983 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 64.1  | 31.2  | 93.6   |
| 227       | 64.3  | 31.9  | 95.5   |

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#95

Naphthalene

Concen: 49.555 ug/l

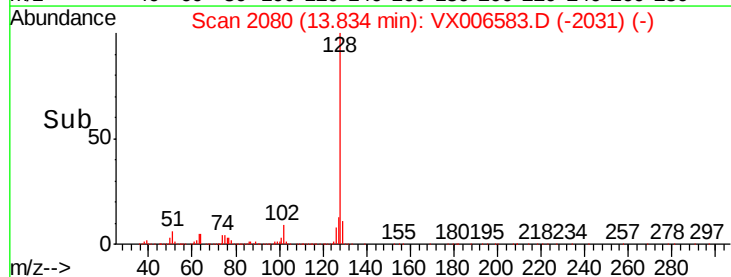
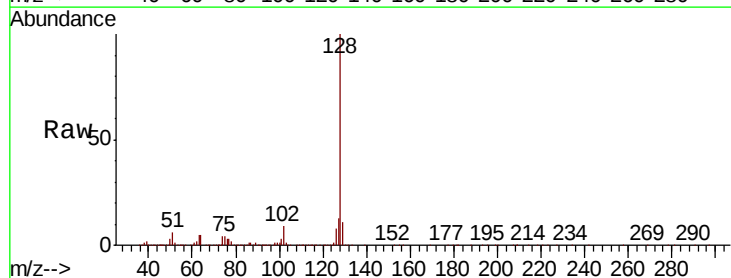
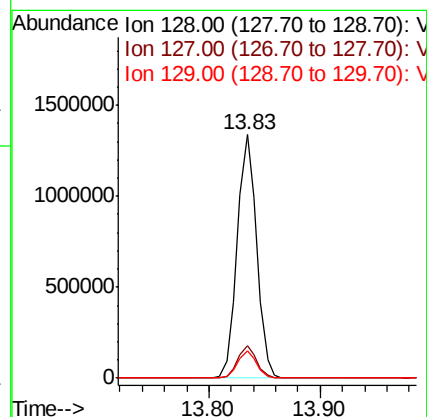
RT: 13.83 min Scan# 2080

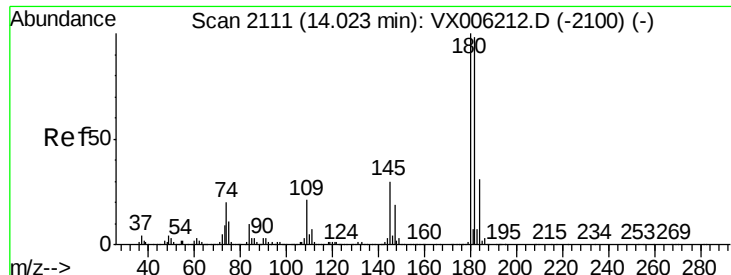
Delta R.T. -0.00 min

Lab File: VX006583.D

Acq: 17 Dec 2018 19:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 128   | Resp: | 1615246 |
| Ion Ratio | Lower | Upper |         |
| 128       | 100   |       |         |
| 127       | 13.0  | 10.2  | 15.4    |
| 129       | 11.0  | 8.9   | 13.3    |





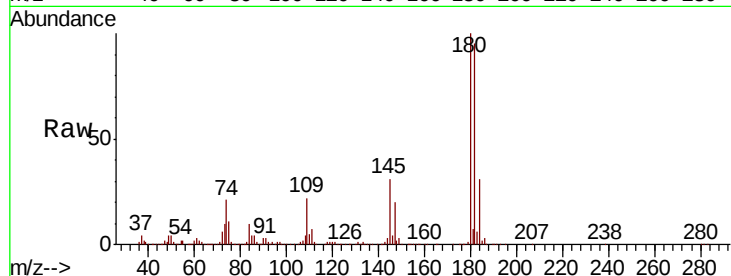
#96  
 1,2,3-Trichlorobenzene  
 Concen: 48.034 ug/l  
 RT: 14.02 min Scan# 2111  
 Delta R.T. -0.00 min  
 Lab File: VX006583.D  
 Acq: 17 Dec 2018 19:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE105D1-20181210MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 498536 |       |       |
| 182     | 95.4  |        | 48.4  | 145.2 |
| 145     | 32.1  |        | 15.6  | 46.8  |

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

