

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX031219\  
 Data File : VX008034.D  
 Acq On : 12 Mar 2019 23:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/13/2019 10:14:15 AM

Quant Time: Mar 13 06:58:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 07 07:33:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 229746   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 331281   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 295971   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 148950   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 115926   | 47.83 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.66%  |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 104397   | 49.26 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.52%  |      |
| 50) Toluene-d8              | 8.71   | 98  | 390618   | 50.19 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.38% |      |
| 62) 4-Bromofluorobenzene    | 11.13  | 95  | 137547   | 50.41 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.82% |      |

|                               |      |     |         |         |      |     |
|-------------------------------|------|-----|---------|---------|------|-----|
| Target Compounds              |      |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 86697   | 44.169  | ug/l | 99  |
| 3) Chloromethane              | 1.33 | 50  | 113696  | 44.948  | ug/l | 100 |
| 4) Vinyl Chloride             | 1.41 | 62  | 117575  | 46.780  | ug/l | 99  |
| 5) Bromomethane               | 1.64 | 94  | 61758   | 52.415  | ug/l | 96  |
| 6) Chloroethane               | 1.72 | 64  | 73936   | 44.281  | ug/l | 98  |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 151703  | 46.359  | ug/l | 99  |
| 8) Diethyl Ether              | 2.19 | 74  | 65966   | 46.553  | ug/l | 97  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 93265   | 45.992  | ug/l | 99  |
| 10) Methyl Iodide             | 2.51 | 142 | 145347  | 50.523  | ug/l | 99  |
| 11) Tert butyl alcohol        | 3.07 | 59  | 127192  | 234.672 | ug/l | 100 |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 91160   | 46.636  | ug/l | 96  |
| 13) Acrolein                  | 2.30 | 56  | 78224   | 255.002 | ug/l | 99  |
| 14) Allyl chloride            | 2.73 | 41  | 181240  | 44.125  | ug/l | 99  |
| 15) Acrylonitrile             | 3.15 | 53  | 308914  | 225.805 | ug/l | 100 |
| 16) Acetone                   | 2.45 | 43  | 249089  | 177.566 | ug/l | 100 |
| 17) Carbon Disulfide          | 2.57 | 76  | 266739  | 44.891  | ug/l | 100 |
| 18) Methyl Acetate            | 2.78 | 43  | 147563  | 49.515  | ug/l | 98  |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 325957  | 48.472  | ug/l | 100 |
| 20) Methylene Chloride        | 2.86 | 84  | 103930  | 46.552  | ug/l | 98  |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 98334   | 45.720  | ug/l | 97  |
| 22) Diisopropyl ether         | 3.87 | 45  | 349962  | 46.480  | ug/l | 98  |
| 23) Vinyl Acetate             | 3.82 | 43  | 1476366 | 223.600 | ug/l | 99  |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 191773  | 47.329  | ug/l | 99  |
| 25) 2-Butanone                | 4.70 | 43  | 427008  | 215.010 | ug/l | 99  |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 116401  | 43.361  | ug/l | 98  |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 115255  | 46.830  | ug/l | 97  |
| 28) Bromochloromethane        | 5.02 | 49  | 90446   | 47.880  | ug/l | 96  |
| 29) Tetrahydrofuran           | 5.15 | 42  | 283420  | 228.787 | ug/l | 98  |
| 30) Chloroform                | 5.21 | 83  | 184718  | 48.193  | ug/l | 98  |
| 31) Cyclohexane               | 5.58 | 56  | 172211  | 46.244  | ug/l | 95  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 155915  | 49.028  | ug/l | 98  |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 139852  | 46.622  | ug/l | 100 |
| 37) Ethyl Acetate             | 4.85 | 43  | 161665  | 45.415  | ug/l | 99  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 137509  | 48.286  | ug/l | 99  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\WX031219\  
 Data File : VX008034.D  
 Acq On : 12 Mar 2019 23:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/13/2019 10:14:15 AM

Quant Time: Mar 13 06:58:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 07 07:33:26 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 168145   | 46.260  | ug/l   | 99       |
| 40) Benzene                    | 6.15  | 78   | 432582   | 48.440  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 92471    | 47.647  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 139890   | 47.900  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 252241   | 47.880  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 119662   | 48.623  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 113488   | 48.116  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 72028    | 48.255  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 138345   | 48.885  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 132630   | 47.884  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 53363    | 937.866 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 817865   | 241.399 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 269078   | 49.353  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 151543   | 51.304  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 166636   | 49.957  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 110699   | 50.157  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 169171   | 51.050  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 182099   | 49.139  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 441851   | 257.765 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 606423   | 230.545 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 116308   | 50.417  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 117291   | 50.054  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 120046   | 48.945  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 296801   | 47.922  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 109844   | 49.486  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 498931   | 48.939  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 384896   | 97.946  | ug/l   | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 186290   | 49.103  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 309589   | 49.868  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 91507    | 48.004  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 500402   | 49.674  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 211047   | 45.891  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 160731   | 46.256  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 155408m  | 49.721  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 133026   | 48.165  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 552512   | 49.439  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 330009   | 48.296  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 413934   | 49.924  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 46645    | 47.703  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 378542   | 48.341  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 407256   | 48.763  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 424156   | 49.903  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 492262   | 50.046  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 441993   | 50.175  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 234867   | 48.068  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 235300   | 47.024  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.38 | 91   | 369333   | 49.487  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 71425    | 48.495  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 230103   | 47.405  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 33374    | 45.957  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX031219\  
Data File : VX008034.D  
Acq On : 12 Mar 2019 23:13  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

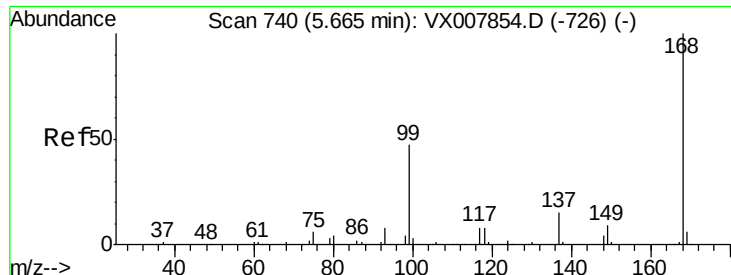
MMDadoda  
3/13/2019 10:14:15 AM

Quant Time: Mar 13 06:58:01 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 07 07:33:26 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 164227   | 48.162 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 87645    | 49.162 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 491866   | 50.062 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 164936   | 48.555 | ug/l  | 98       |

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





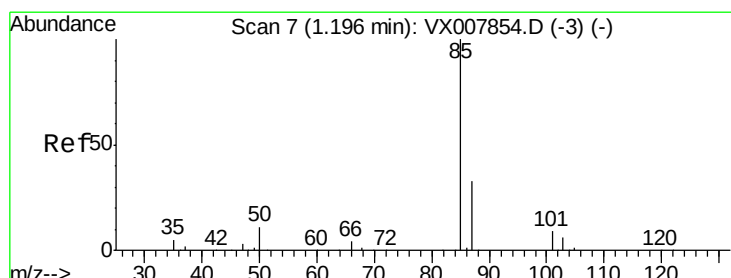
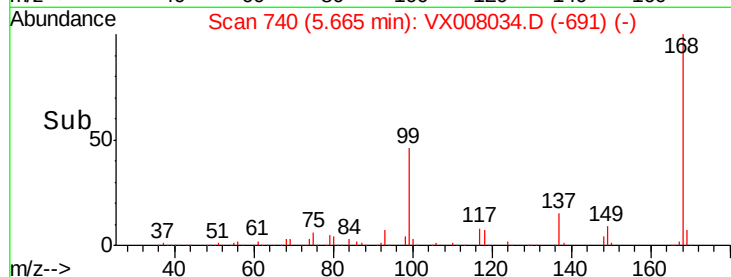
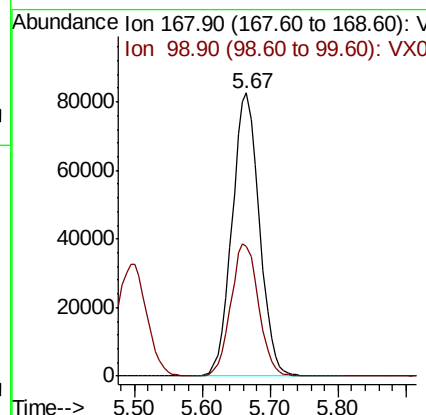
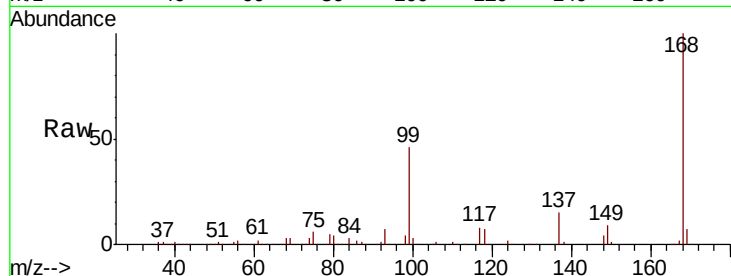
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 229746  
Ion Ratio Lower Upper  
168 100  
99 45.8 37.6 56.4

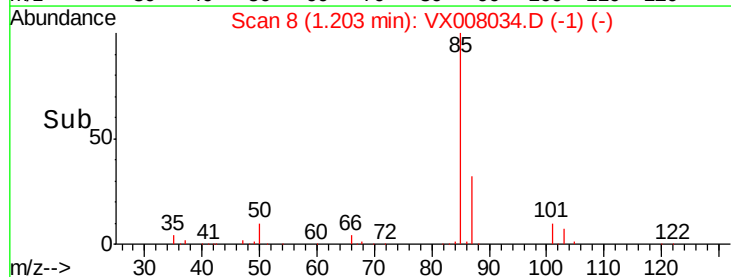
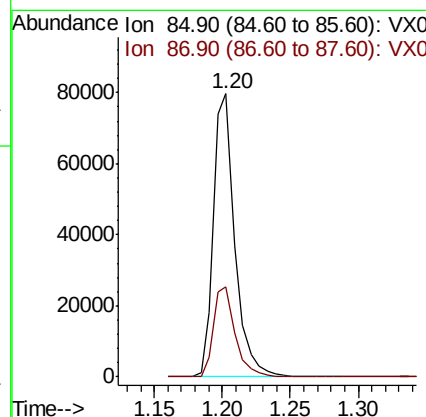
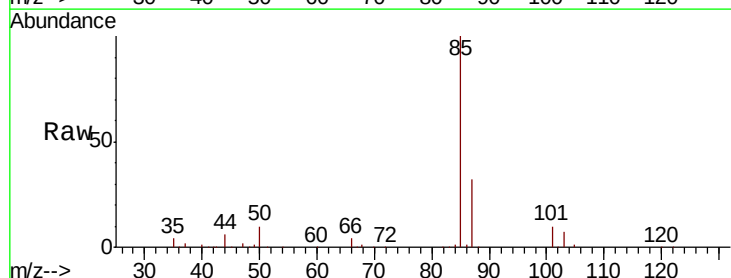
Manual Integrations  
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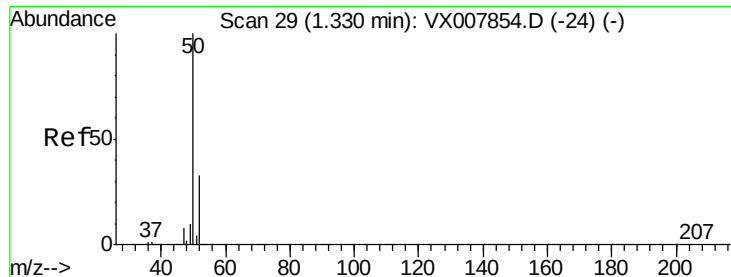
MMDadoda  
3/13/2019 10:14:15 AM



#2  
Dichlorodifluoromethane  
Concen: 44.169 ug/l  
RT: 1.20 min Scan# 8  
Delta R.T. 0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Tgt Ion: 85 Resp: 86697  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.4 49.1





#3

Chloromethane

Concen: 44.948 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 113696

Ion Ratio Lower Upper

50 100

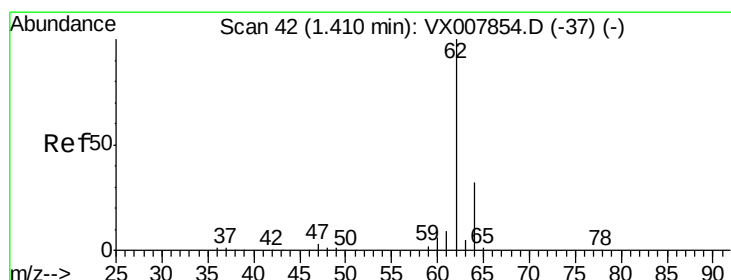
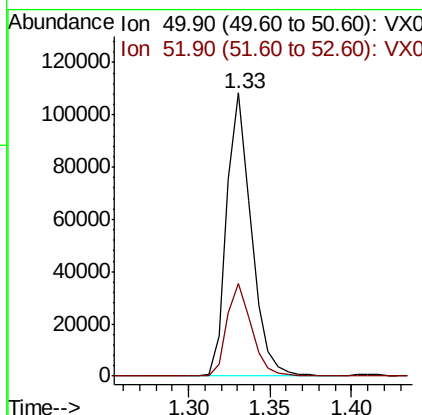
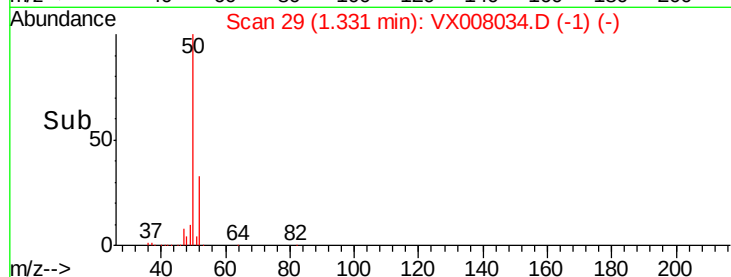
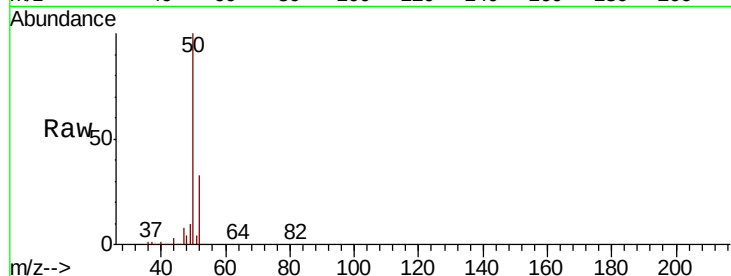
52 32.9 26.5 39.7

Manual Integrations

APPROVED

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3/13/2019 10:14:15 AM



#4

Vinyl Chloride

Concen: 46.780 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008034.D

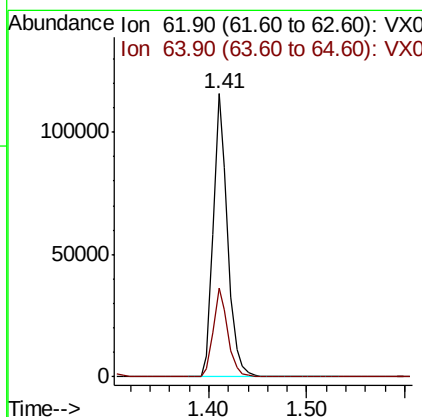
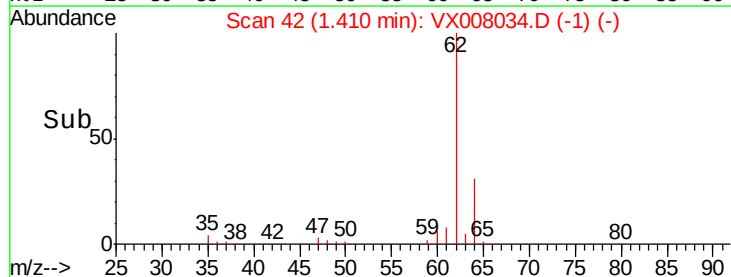
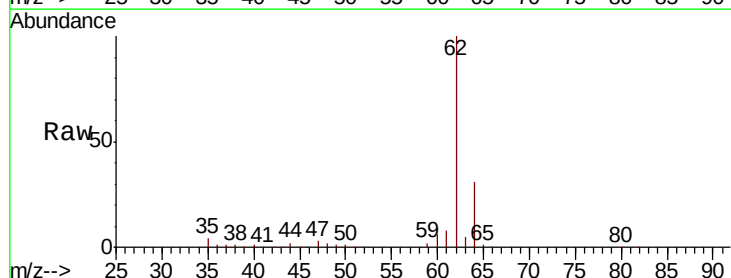
Acq: 12 Mar 2019 23:13

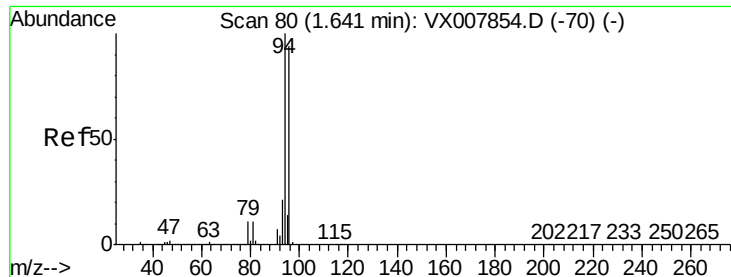
Tgt Ion: 62 Resp: 117575

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 52.415 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 61758

Ion Ratio Lower Upper

94 100

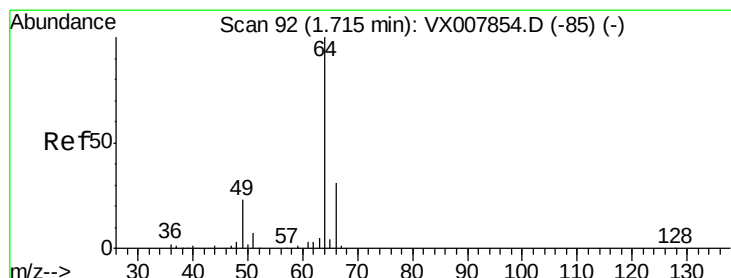
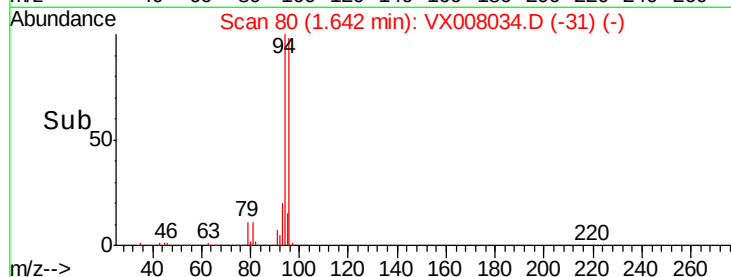
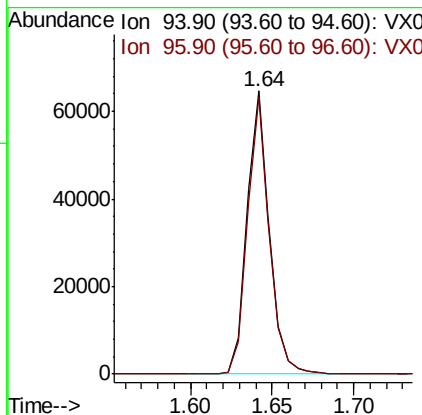
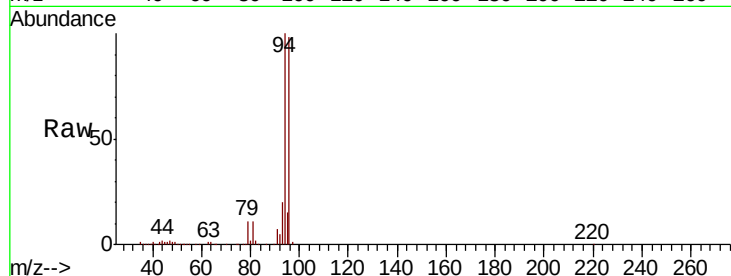
96 97.9 75.5 113.3

Manual Integrations

APPROVED

MMDadoda

3/13/2019 10:14:15 AM



#6

Chloroethane

Concen: 44.281 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008034.D

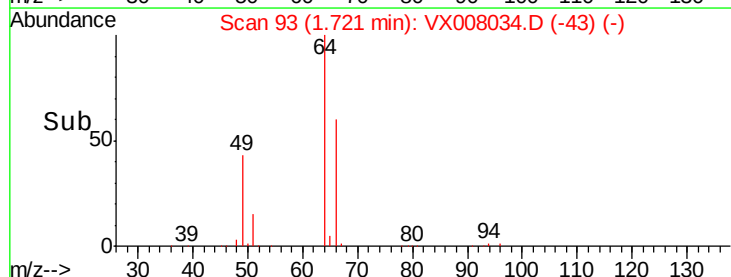
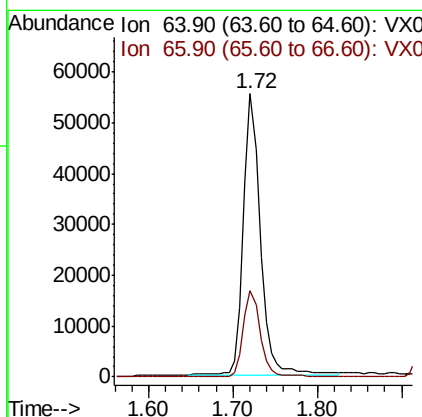
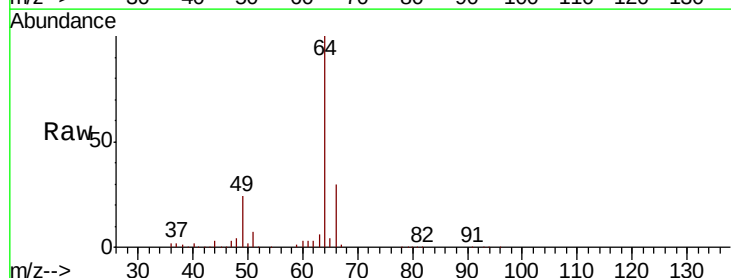
Acq: 12 Mar 2019 23:13

Tgt Ion: 64 Resp: 73936

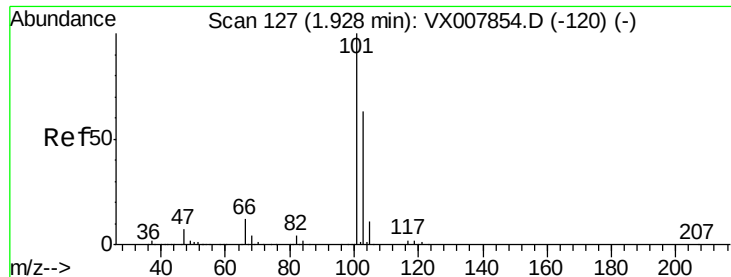
Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8







#7

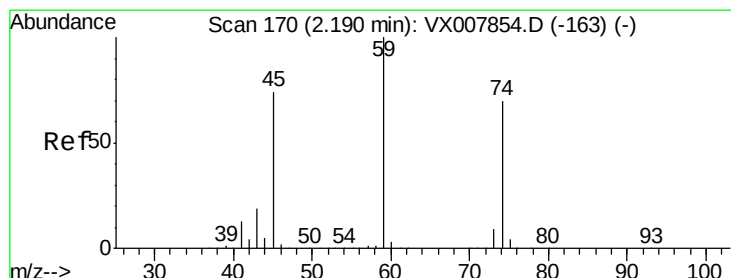
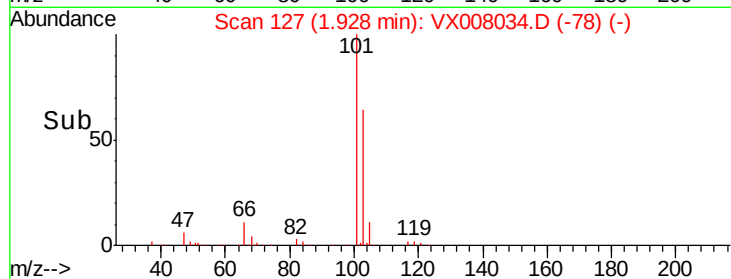
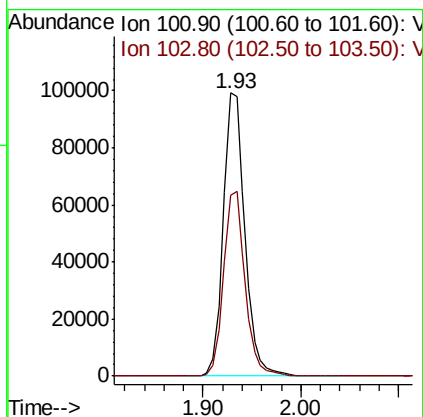
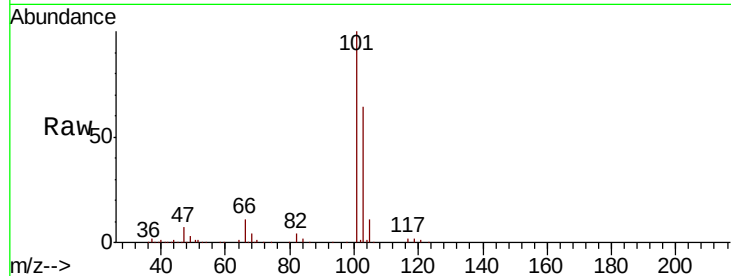
Trichlorofluoromethane  
Concen: 46.359 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 101 Resp: 151703  
Ion Ratio Lower Upper  
101 100  
103 63.9 50.4 75.6

Manual Integrations  
APPROVED

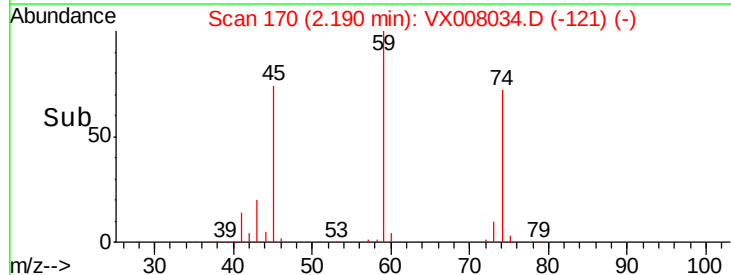
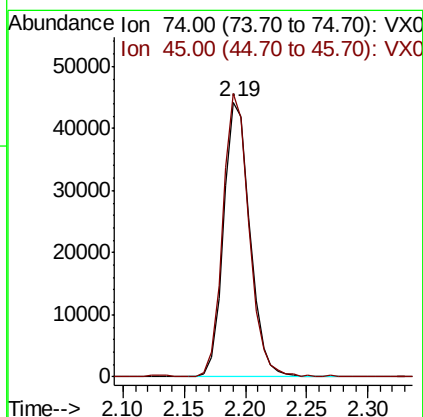
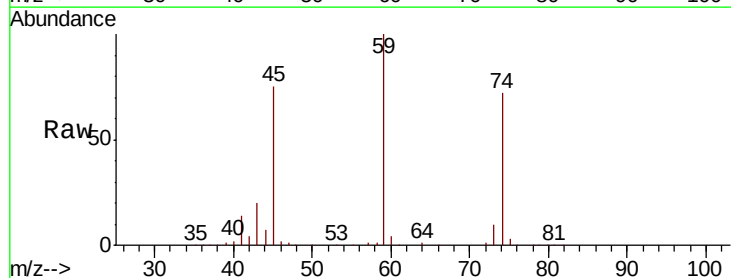
MMDadoda  
3/13/2019 10:14:15 AM



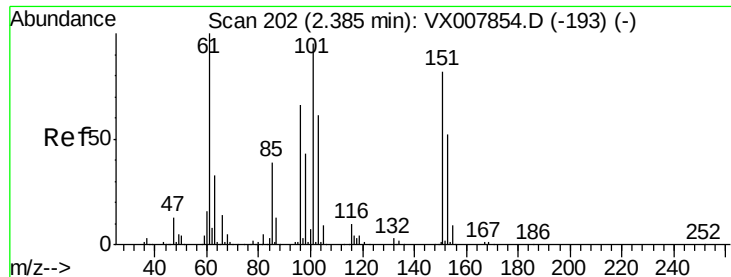
#8

Diethyl Ether  
Concen: 46.553 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Tgt Ion: 74 Resp: 65966  
Ion Ratio Lower Upper  
74 100  
45 101.5 52.1 156.4







#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.992 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

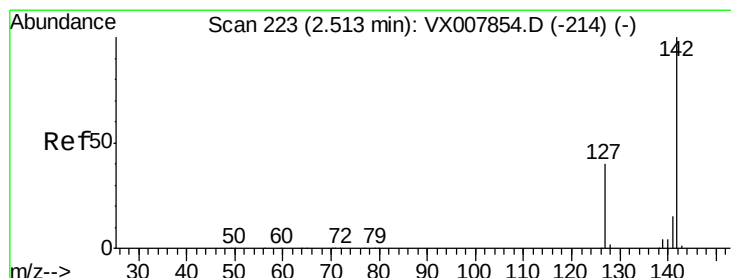
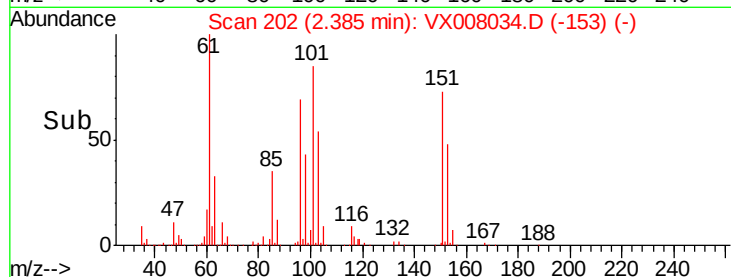
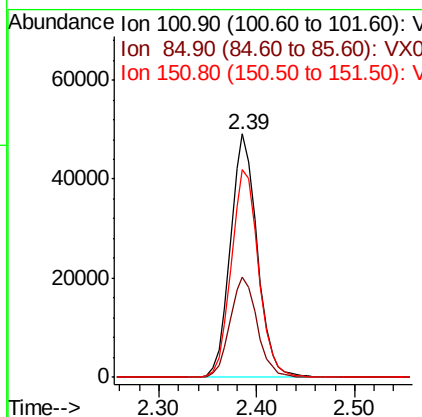
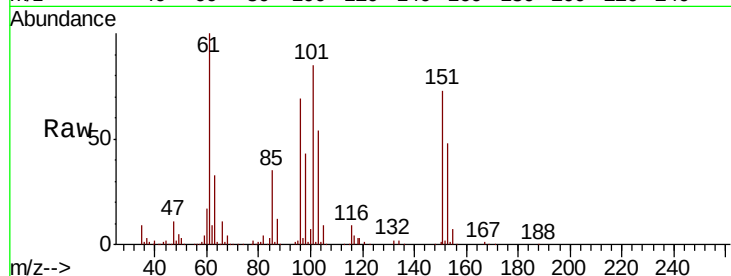
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 93265 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.7  | 33.8  | 50.6  |
| 151       | 87.0  | 69.1  | 103.7 |

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3/13/2019 10:14:15 AM



#10

Methyl Iodide

Concen: 50.523 ug/l

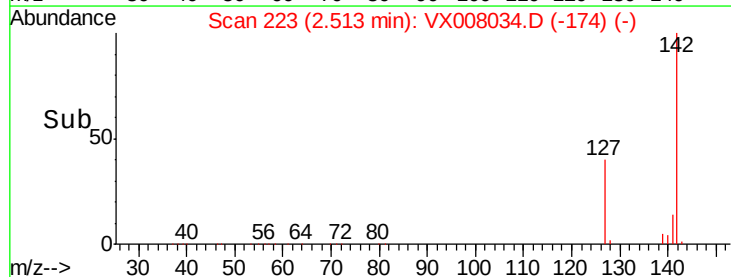
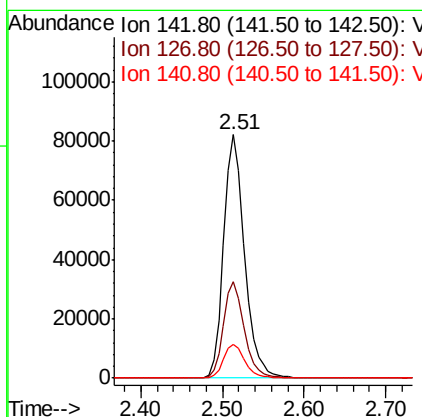
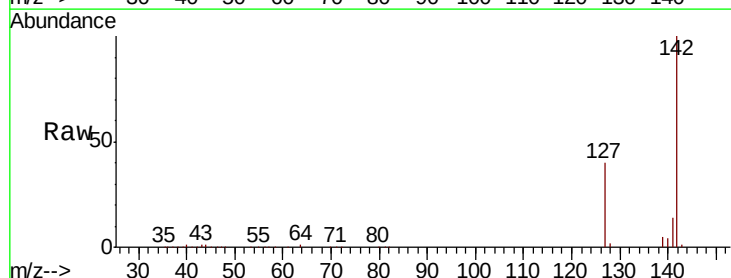
RT: 2.51 min Scan# 223

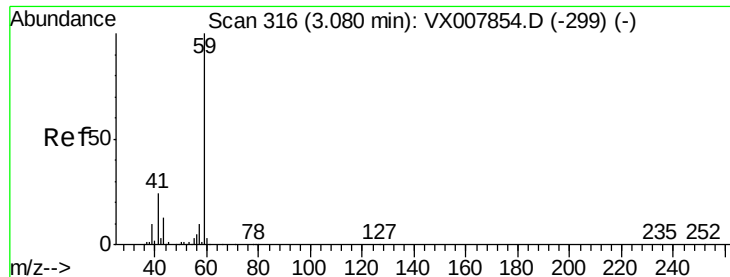
Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 145347 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.5  | 32.1  | 48.1   |
| 141       | 14.2  | 11.4  | 17.2   |





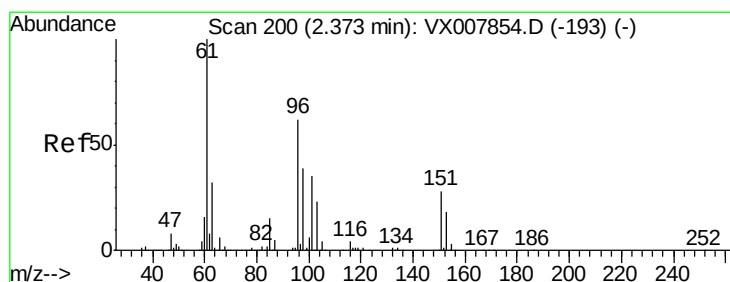
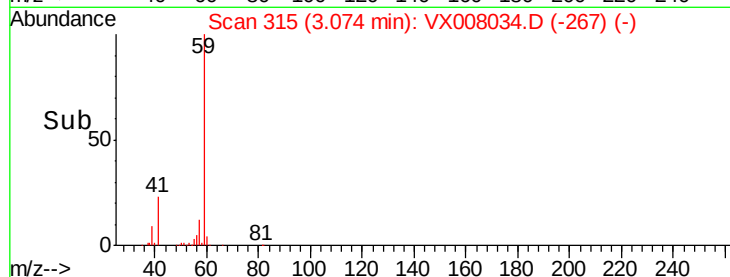
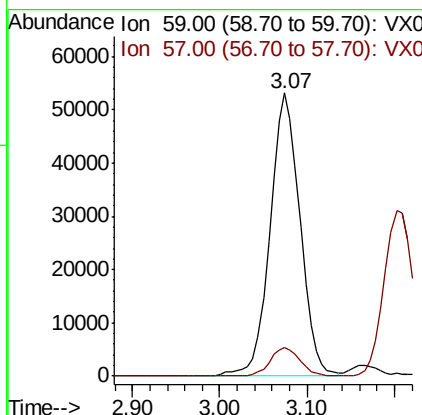
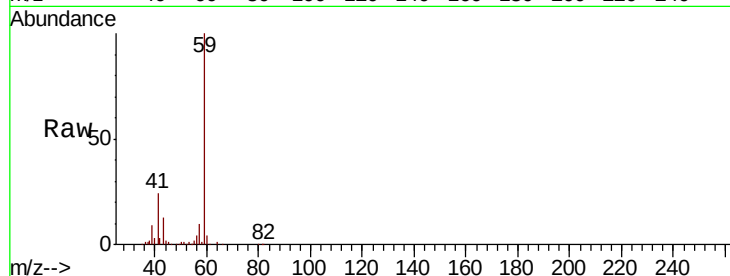
#11  
Tert butyl alcohol  
Concen: 234.672 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 127192  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.2 12.2

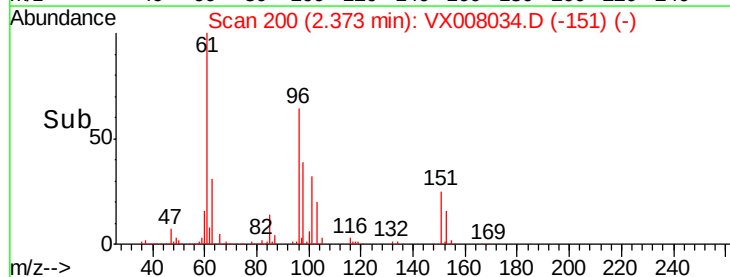
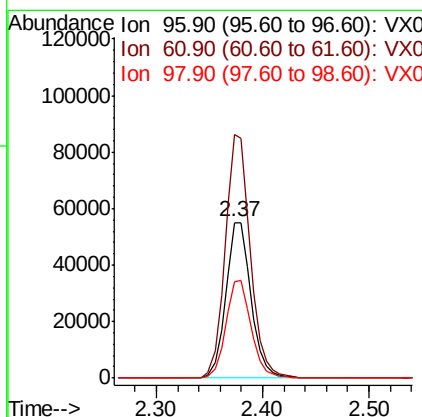
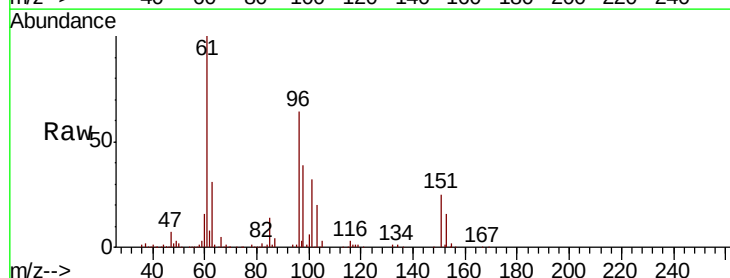
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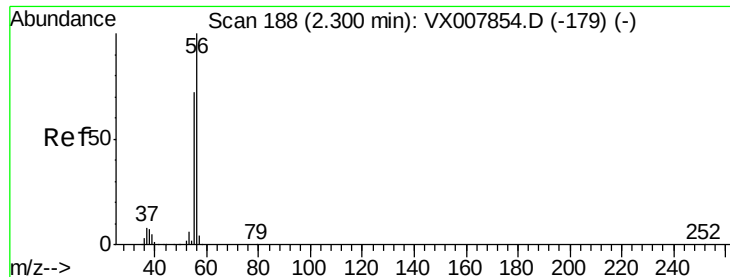
MMDadoda  
3/13/2019 10:14:15 AM



#12  
1,1-Dichloroethene  
Concen: 46.636 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Tgt Ion: 96 Resp: 91160  
Ion Ratio Lower Upper  
96 100  
61 156.6 129.8 194.6  
98 61.7 51.0 76.6





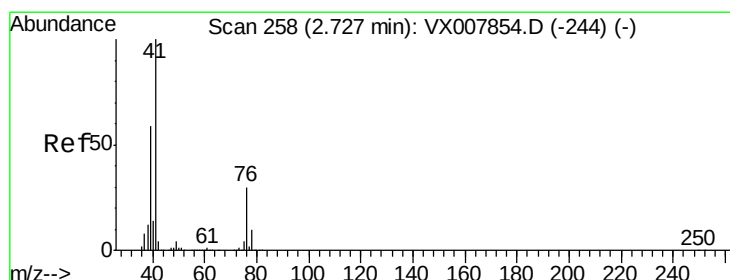
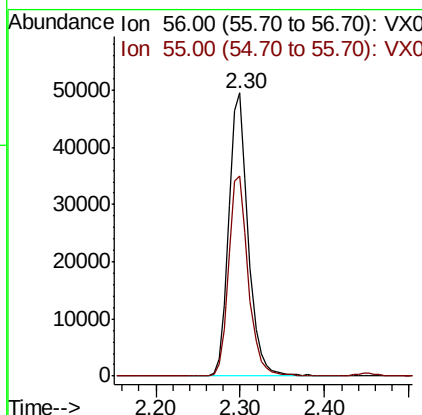
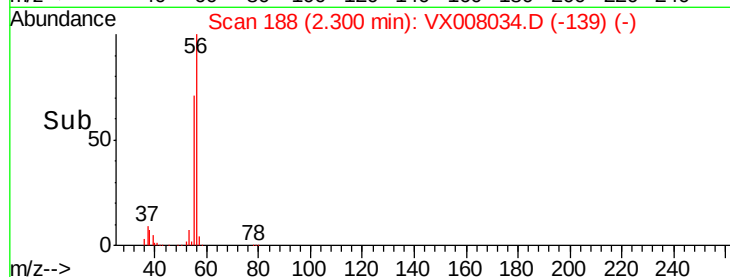
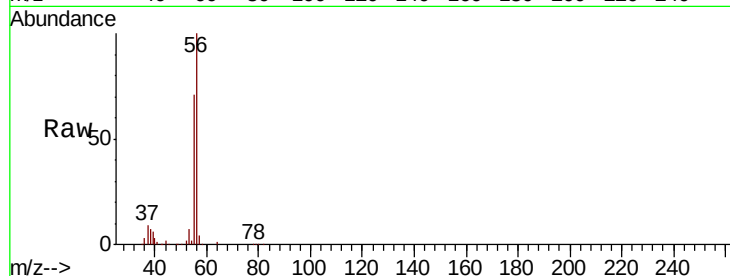
#13  
Acrolein  
Concen: 255.002 ug/l  
RT: 2.30 min Scan# 188  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 56 Resp: 78224  
Ion Ratio Lower Upper  
56 100  
55 71.6 57.8 86.6

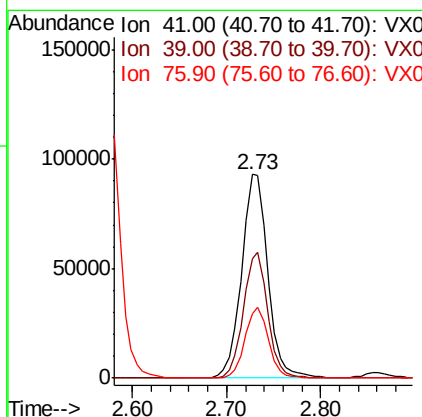
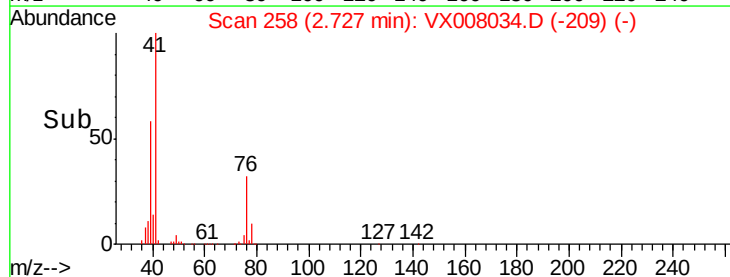
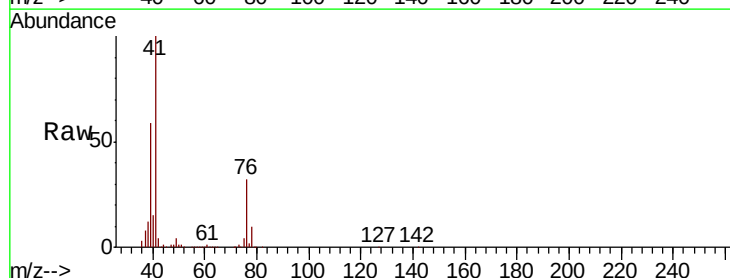
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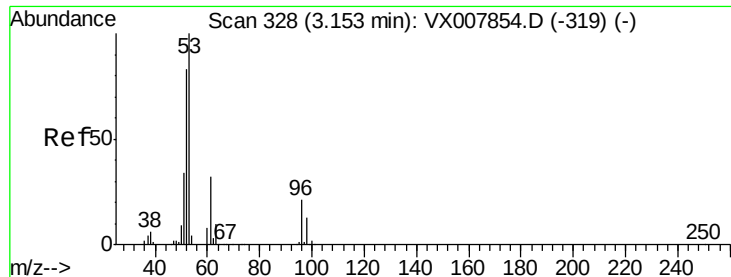
MMDadoda  
3/13/2019 10:14:15 AM



#14  
Allyl chloride  
Concen: 44.125 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Tgt Ion: 41 Resp: 181240  
Ion Ratio Lower Upper  
41 100  
39 57.4 46.1 69.1  
76 31.2 24.0 36.0





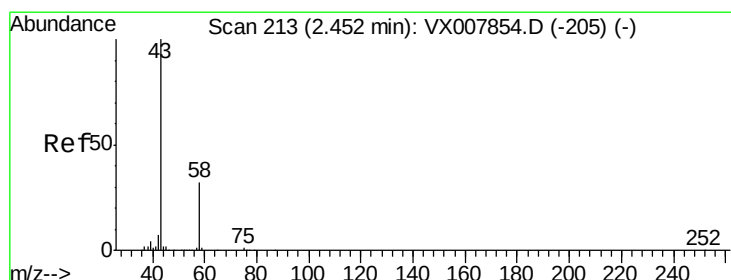
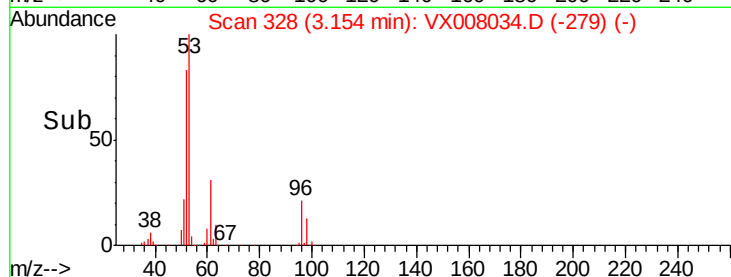
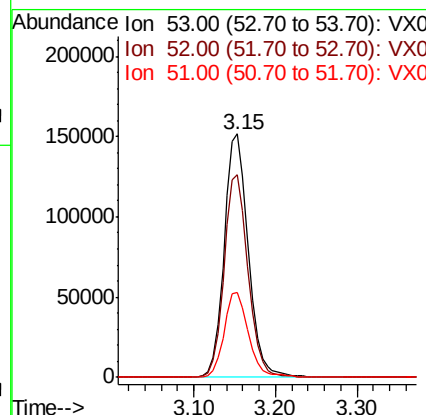
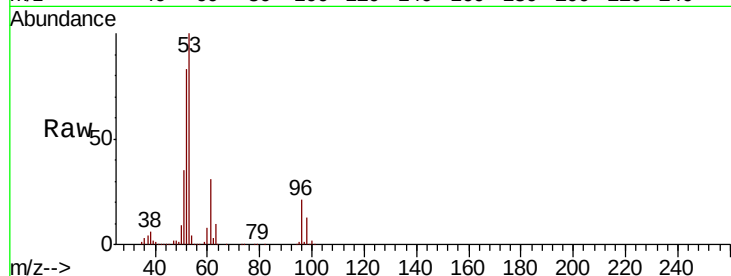
#15  
Acrylonitrile  
Concen: 225.805 ug/l  
RT: 3.15 min Scan# 328  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.9  | 66.0  | 99.0  |
| 51      | 35.2  | 28.0  | 42.0  |

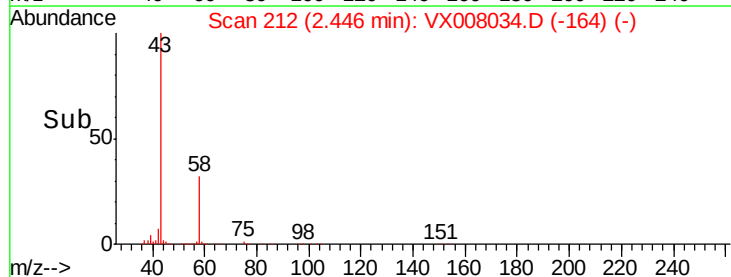
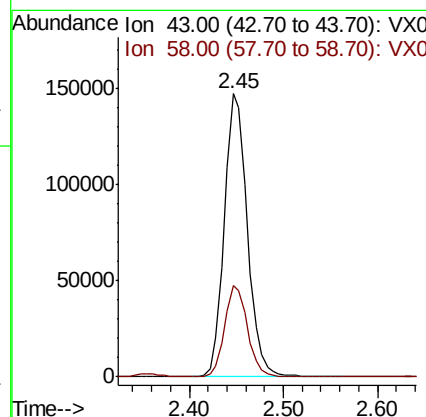
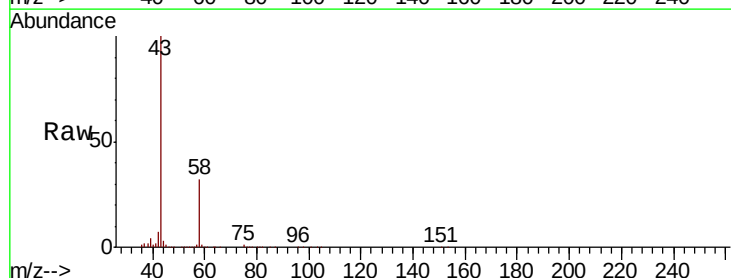
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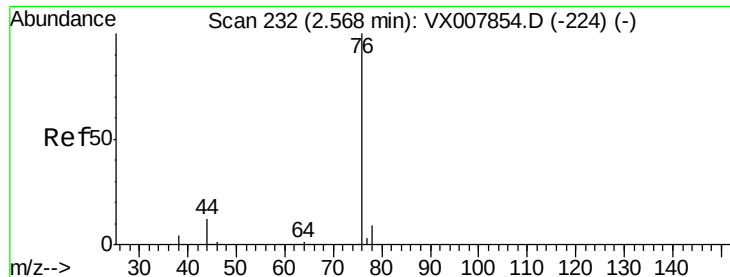
MMDadoda  
3/13/2019 10:14:15 AM



#16  
Acetone  
Concen: 177.566 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. -0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 32.1  | 25.5  | 38.3  |





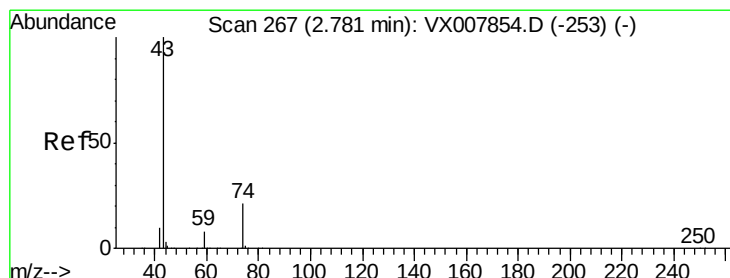
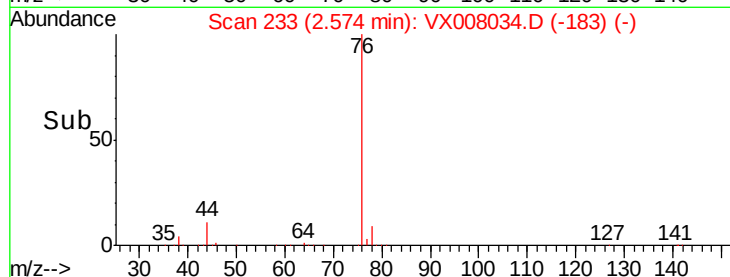
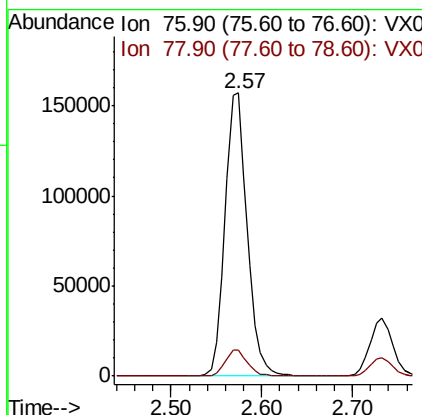
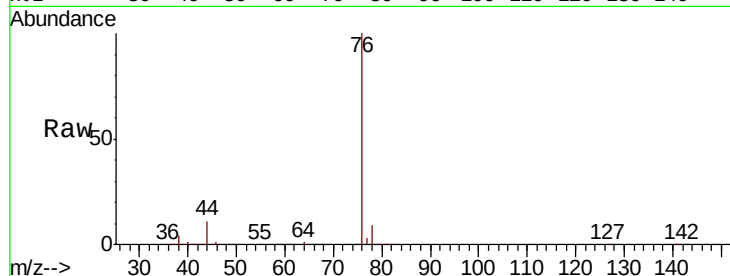
#17  
Carbon Disulfide  
Concen: 44.891 ug/l  
RT: 2.57 min Scan# 233  
Delta R.T. 0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.1   | 7.2   | 10.8  |

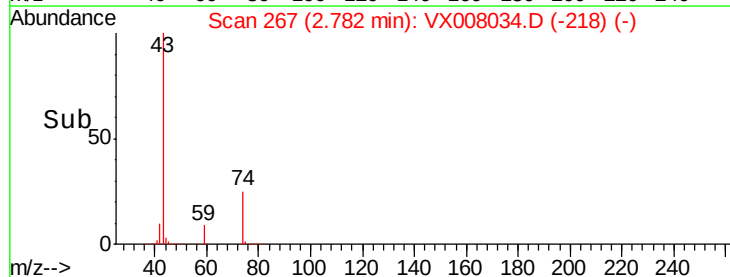
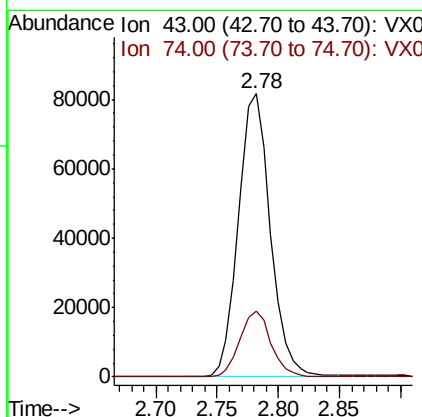
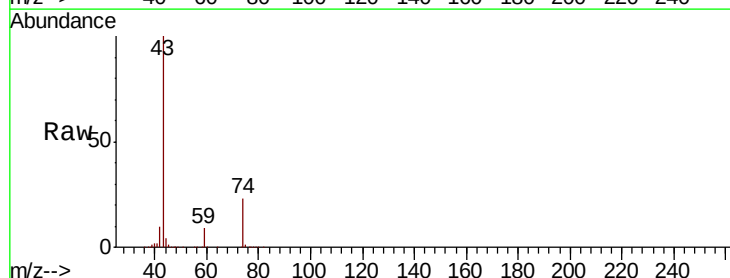
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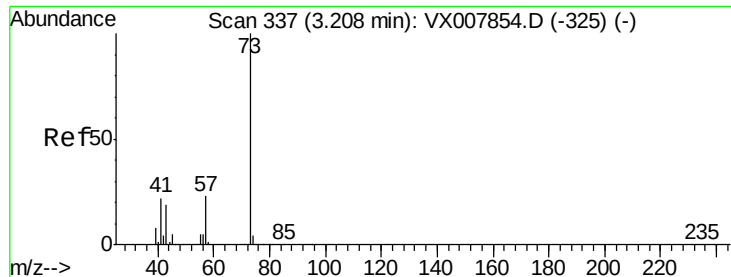
MMDadoda  
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#18  
Methyl Acetate  
Concen: 49.515 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.1  | 17.8  | 26.6  |





#19

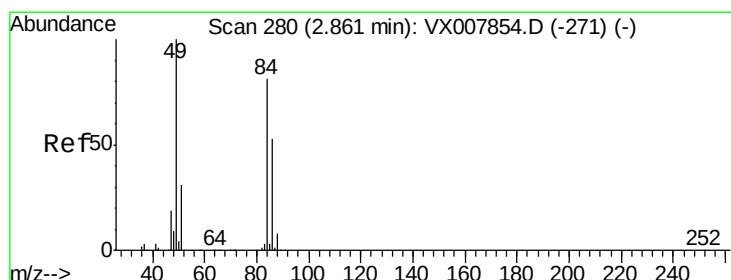
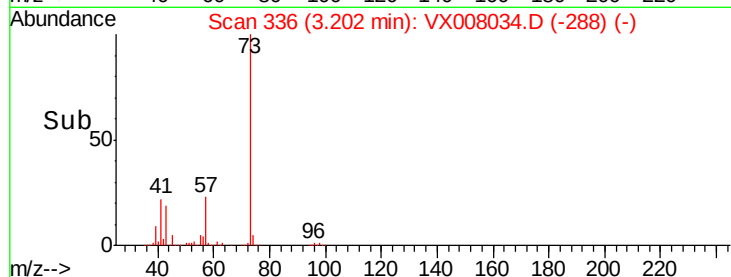
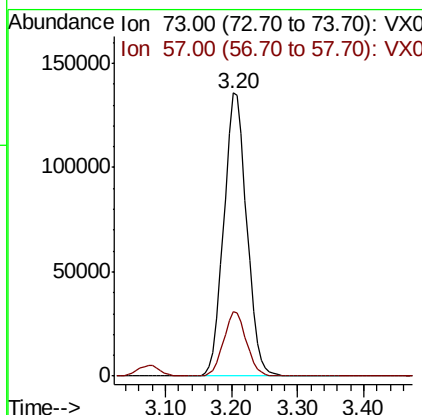
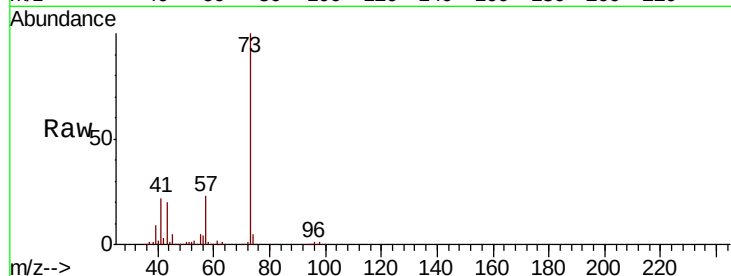
Methyl tert-butyl Ether  
Concen: 48.472 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.9  | 18.2  | 27.4  |

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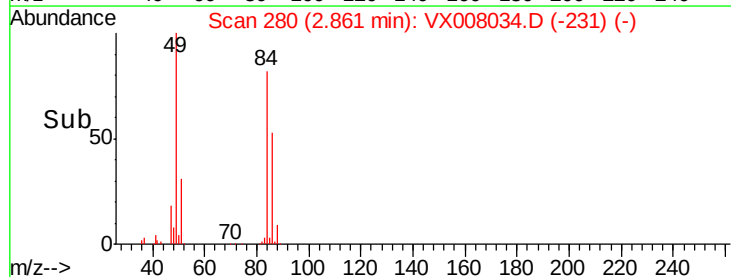
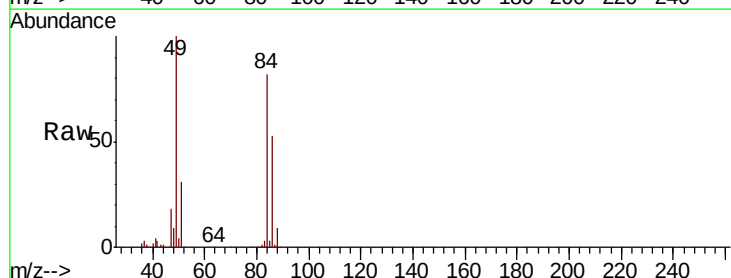
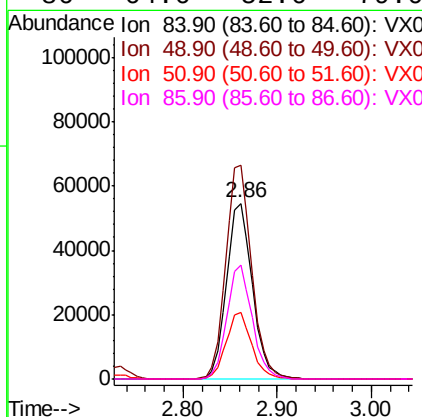
MMDadoda  
3/13/2019 10:14:15 AM

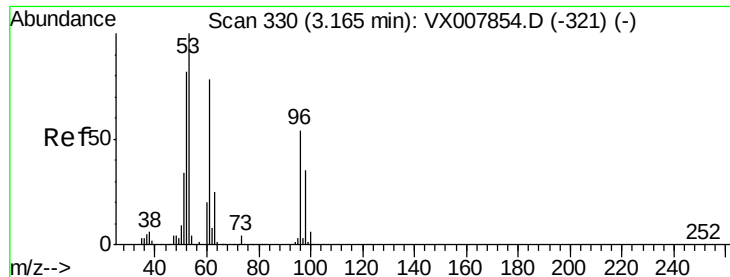


#20

Methylene Chloride  
Concen: 46.552 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 121.7 | 99.3  | 148.9 |
| 51      | 37.8  | 31.3  | 46.9  |
| 86      | 64.6  | 52.6  | 79.0  |





#21

trans-1,2-Dichloroethene

Concen: 45.720 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

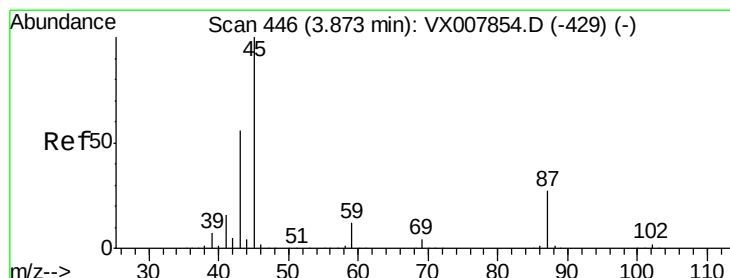
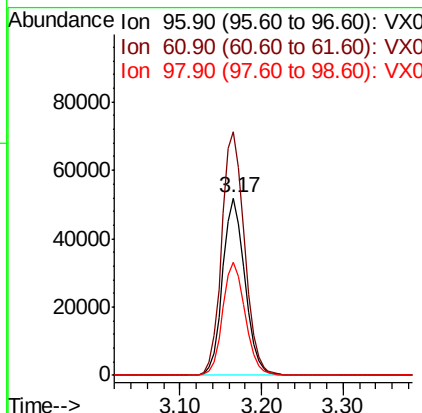
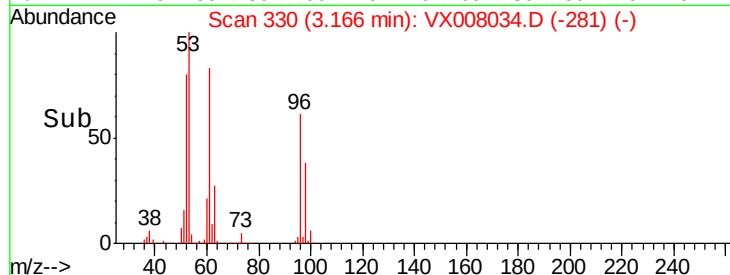
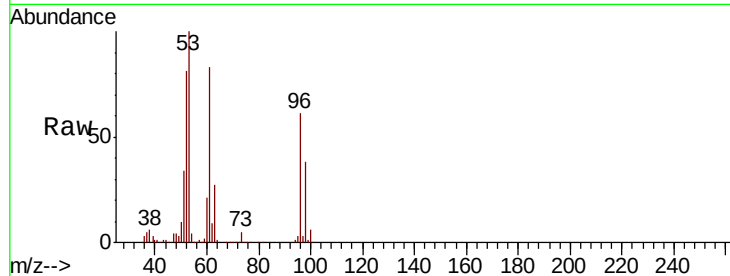
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 98334 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 137.2 | 114.4 | 171.6 |
| 98        | 63.5  | 51.1  | 76.7  |

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#22

Diisopropyl ether

Concen: 46.480 ug/l

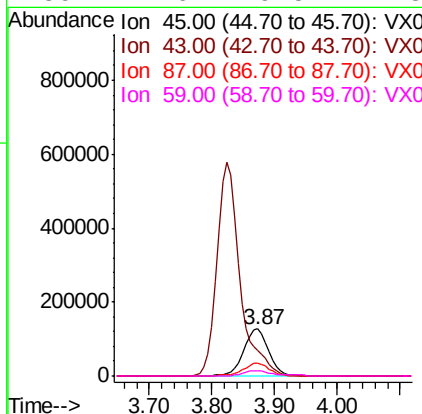
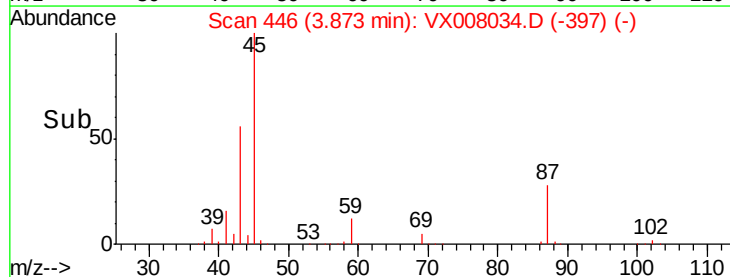
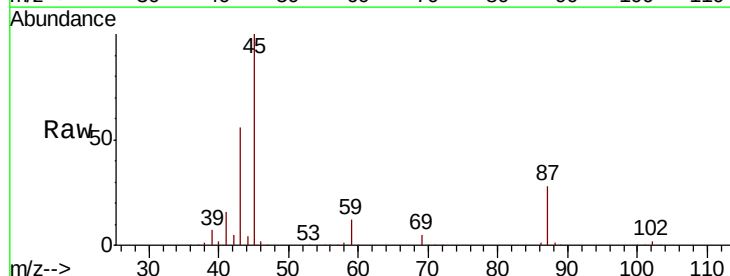
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

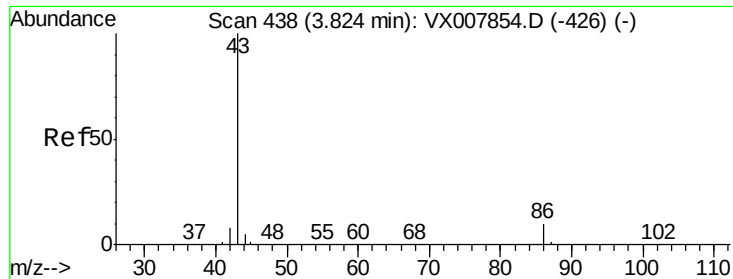
Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 349962 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 55.6  | 45.3  | 67.9   |
| 87        | 28.4  | 21.4  | 32.0   |
| 59        | 11.6  | 9.5   | 14.3   |







#23

Vinyl Acetate

Concen: 223.600 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1476366

Ion Ratio Lower Upper

43 100

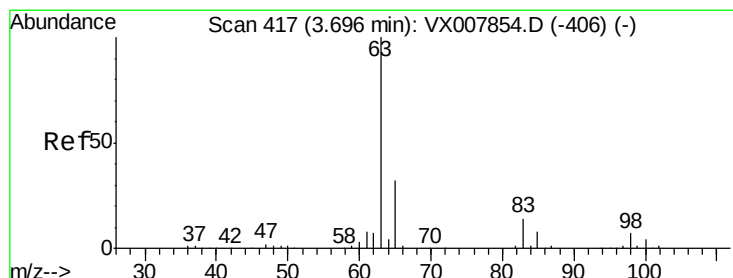
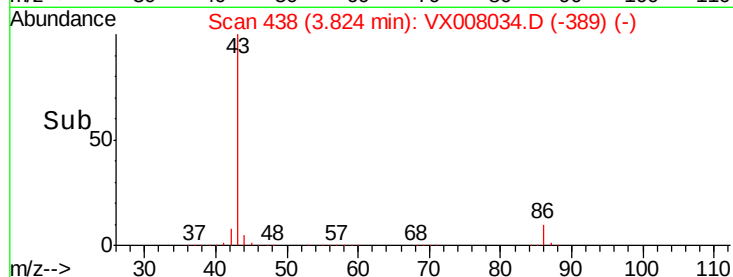
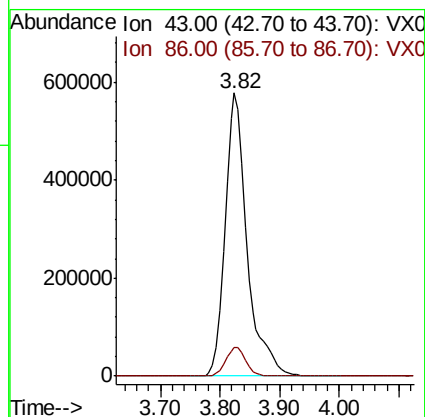
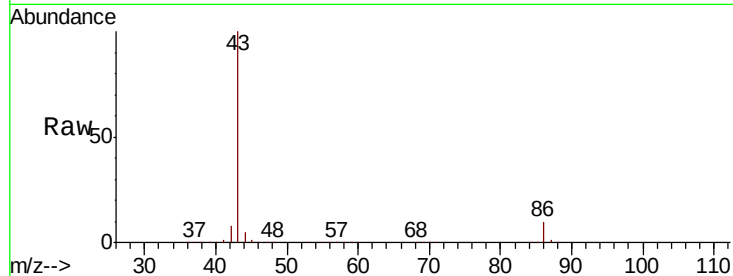
86 10.2 7.9 11.9

Manual Integrations

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3/13/2019 10:14:15 AM



#24

1,1-Dichloroethane

Concen: 47.329 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

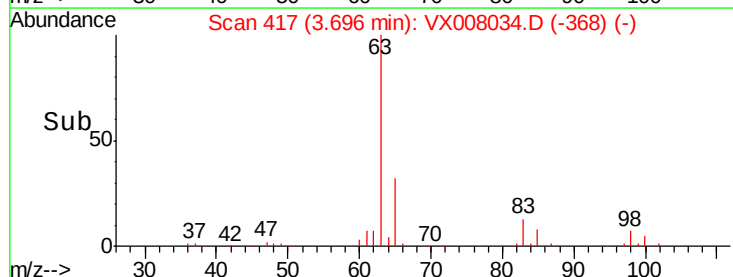
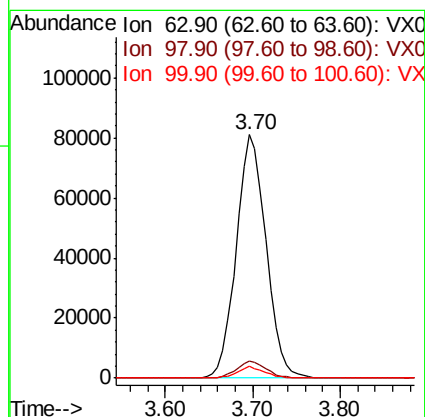
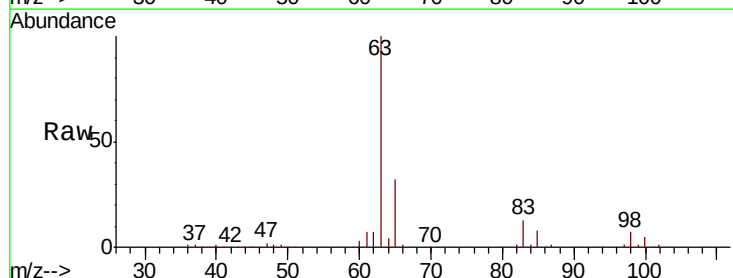
Tgt Ion: 63 Resp: 191773

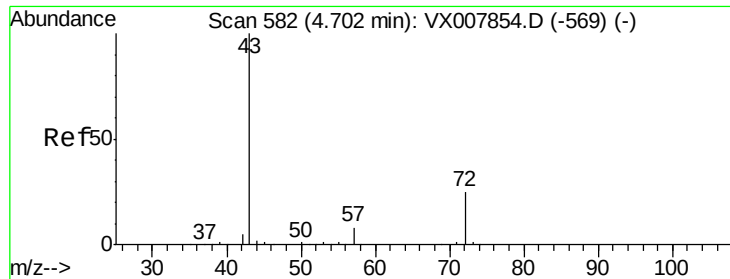
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 215.010 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 427008

Ion Ratio Lower Upper

43 100

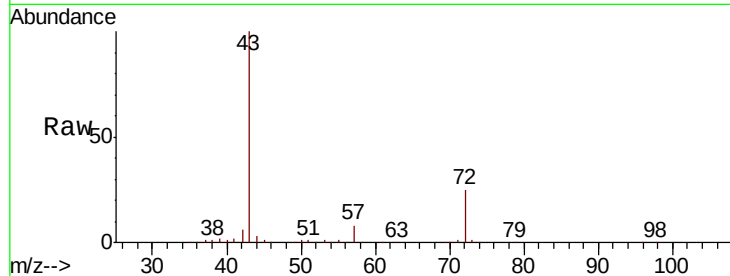
72 25.2 19.9 29.9

Manual Integrations

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3/13/2019 10:14:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

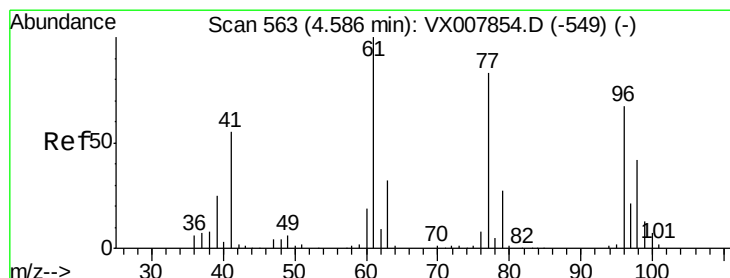
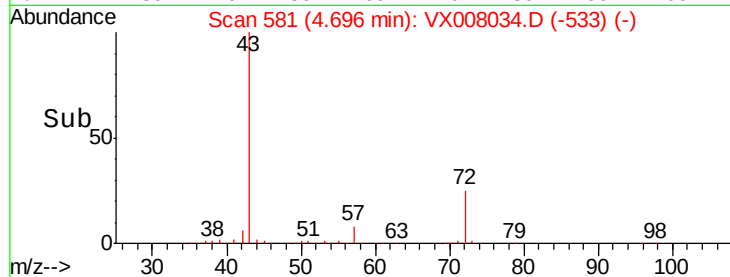
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.361 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008034.D

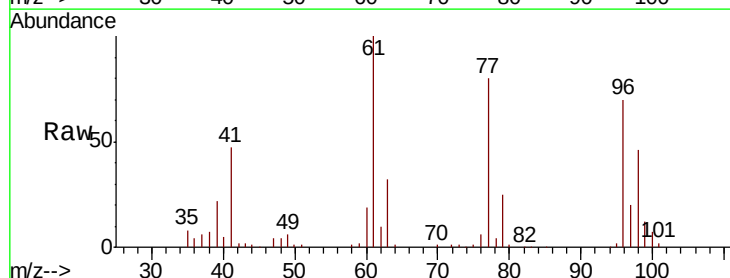
Acq: 12 Mar 2019 23:13

Tgt Ion: 77 Resp: 116401

Ion Ratio Lower Upper

77 100

97 25.3 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

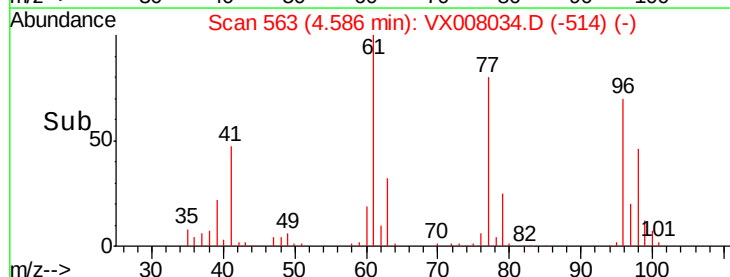
20000

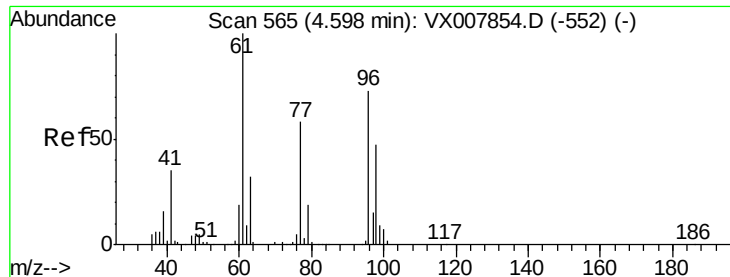
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

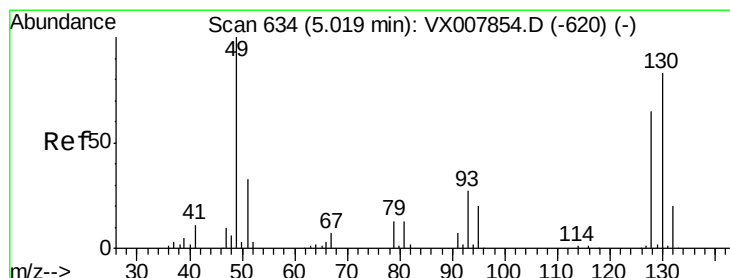
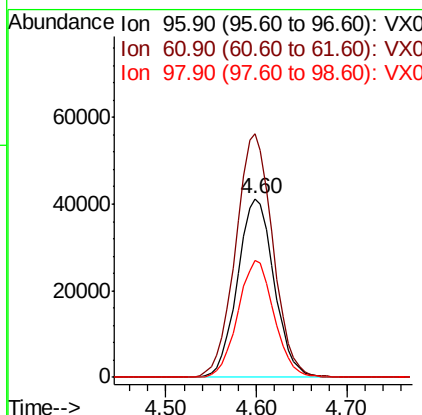
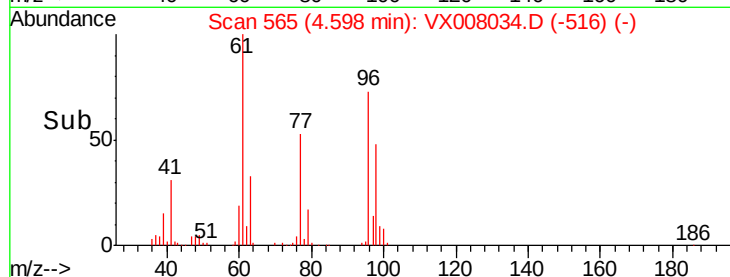
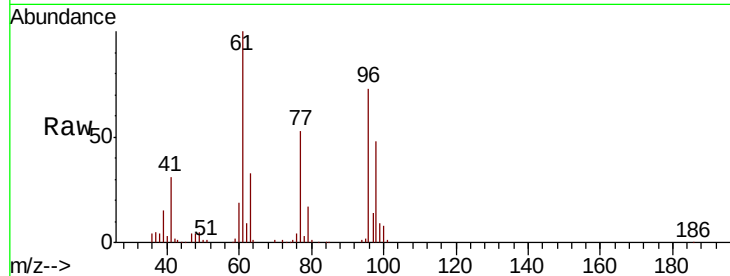
cis-1,2-Dichloroethene  
Concen: 46.830 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 115255 |       |       |
| 61      | 139.1 | 0.0    | 288.0 |       |
| 98      | 64.8  | 0.0    | 129.0 |       |

Manual Integrations  
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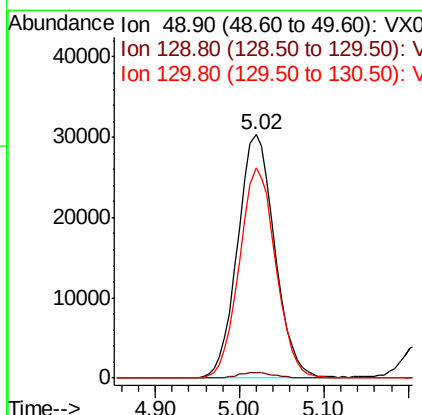
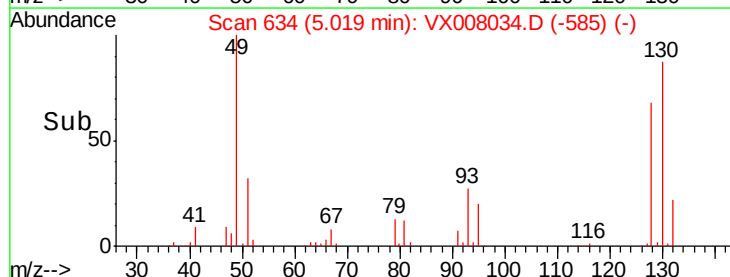
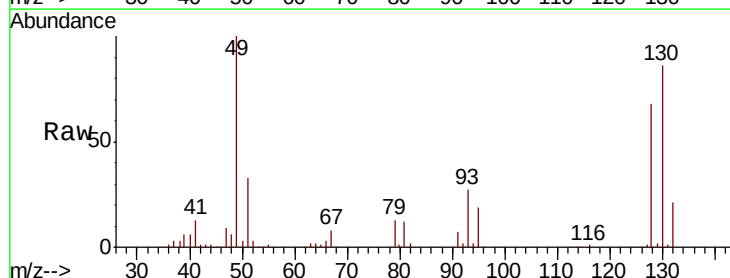
MMDadoda  
3/13/2019 10:14:15 AM

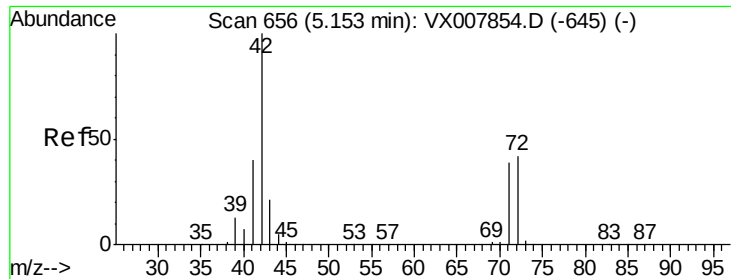


#28

Bromochloromethane  
Concen: 47.880 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 90446 |       |       |
| 129     | 2.3   | 0.0   | 4.0   |       |
| 130     | 84.6  | 65.0  | 97.4  |       |





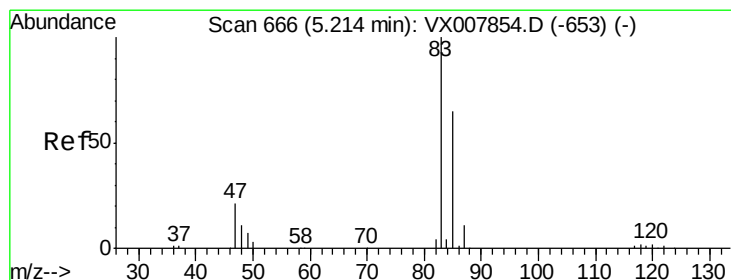
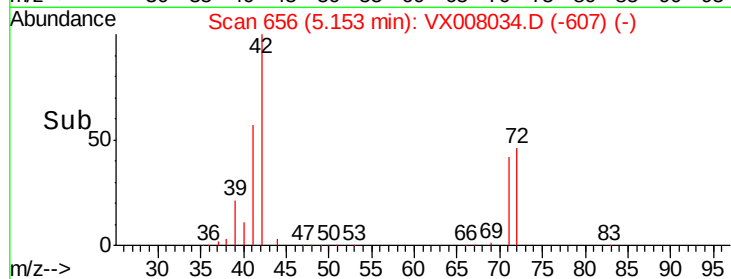
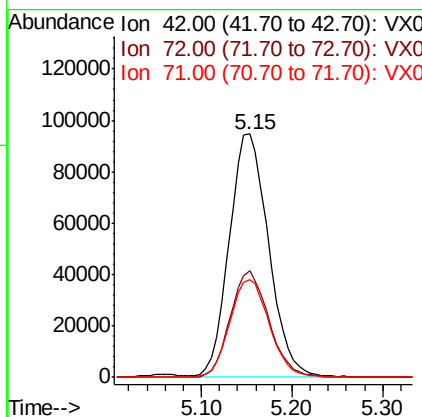
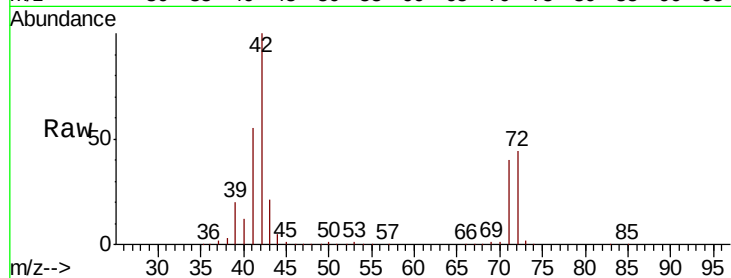
#29  
Tetrahydrofuran  
Concen: 228.787 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.3  | 33.8  | 50.6  |
| 71      | 40.6  | 31.5  | 47.3  |

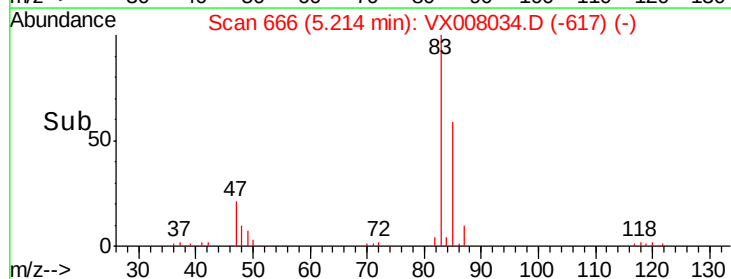
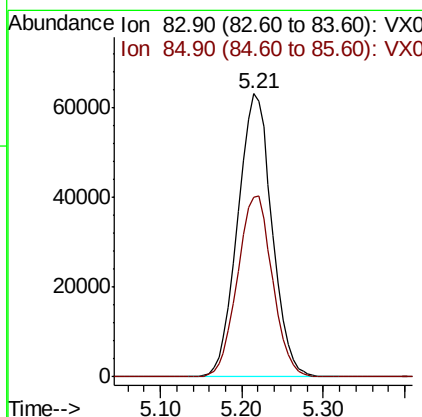
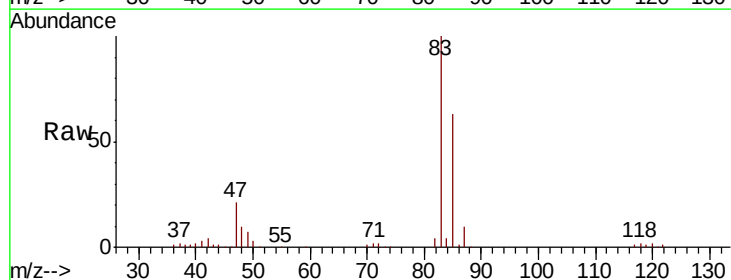
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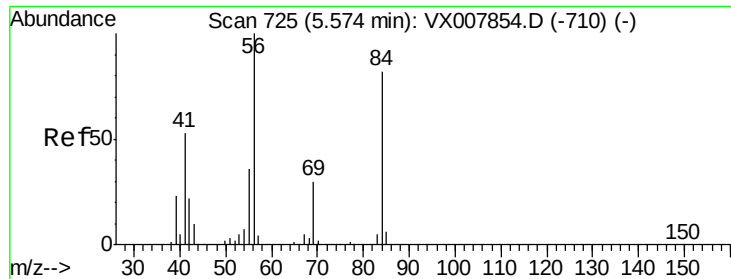
MMDadoda  
3/13/2019 10:14:15 AM



#30  
Chloroform  
Concen: 48.193 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.5  | 51.8  | 77.6  |





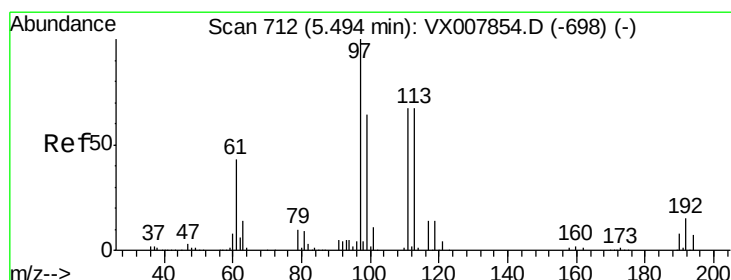
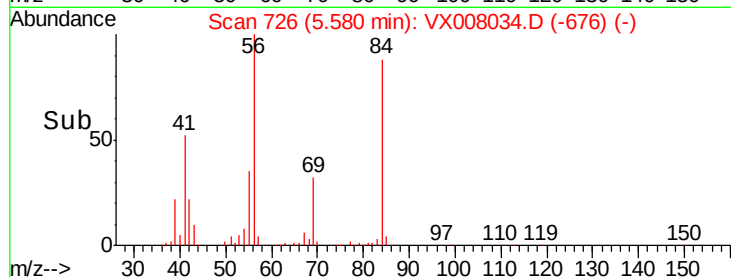
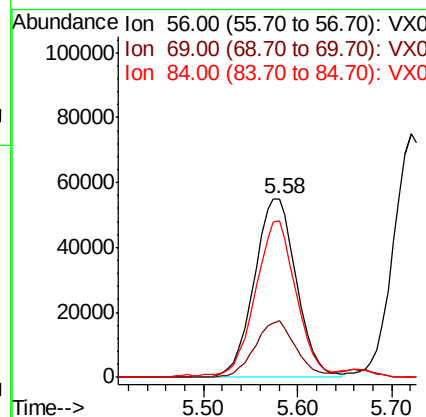
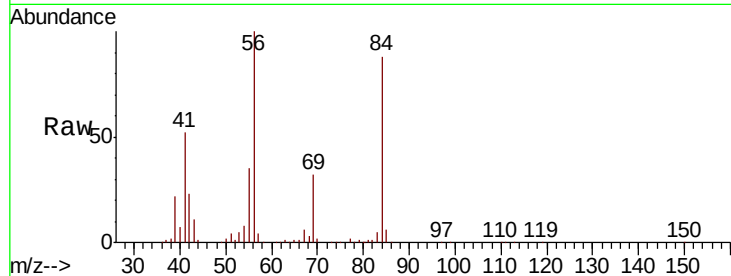
#31  
Cyclohexane  
Concen: 46.244 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. 0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.7  | 24.0  | 36.0  |
| 84      | 86.5  | 65.3  | 97.9  |

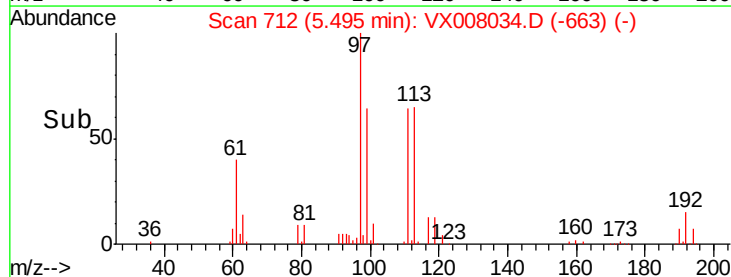
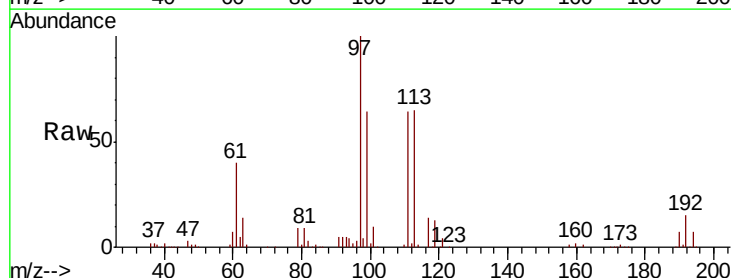
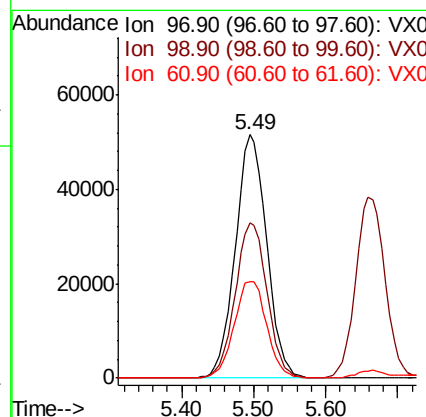
Manual Integrations  
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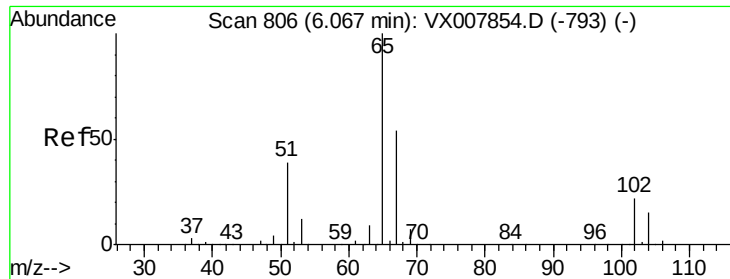
MMDadoda  
3/13/2019 10:14:15 AM



#32  
1,1,1-Trichloroethane  
Concen: 49.028 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.7  | 52.2  | 78.2  |
| 61      | 41.6  | 34.9  | 52.3  |





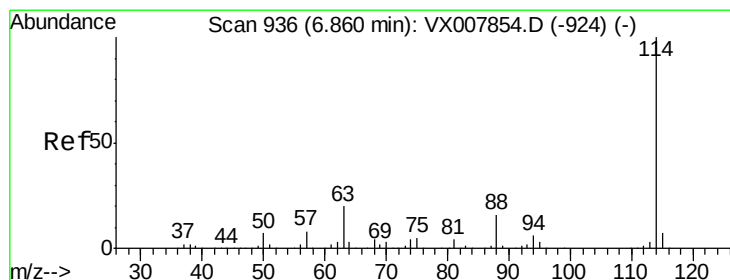
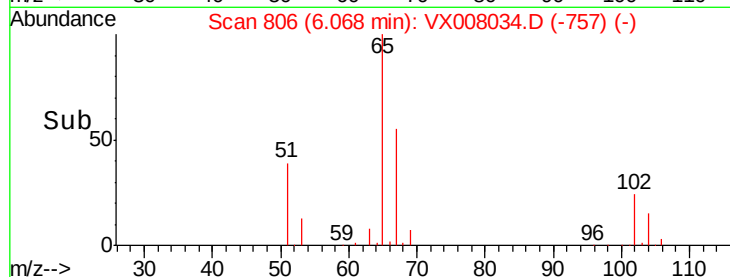
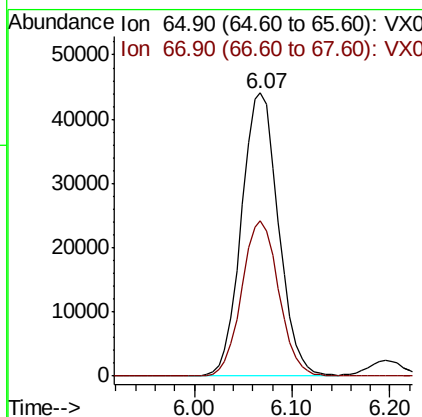
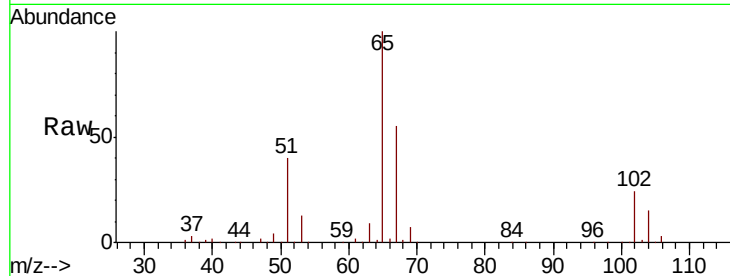
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.832 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 65 Resp: 115926  
 Ion Ratio Lower Upper  
 65 100  
 67 55.0 0.0 110.0

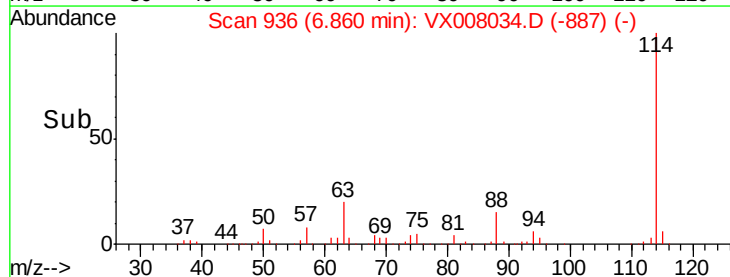
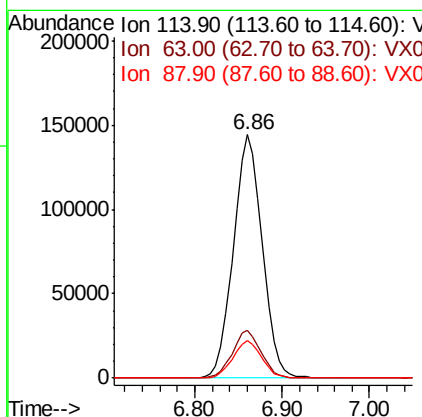
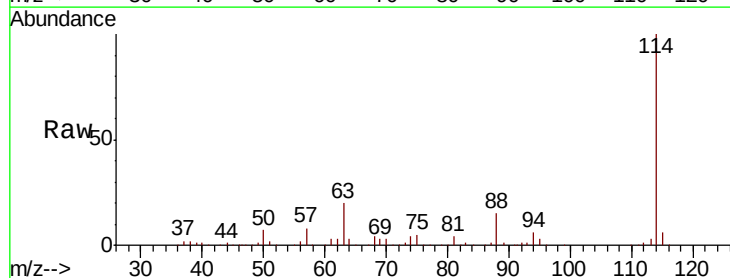
Manual Integrations  
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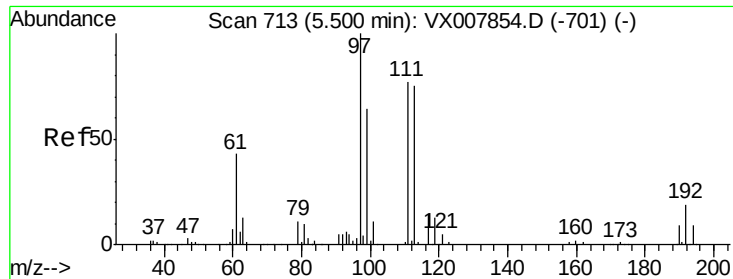
MMDadoda  
 3/13/2019 10:14:15 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Tgt Ion: 114 Resp: 331281  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 39.8  
 88 15.5 0.0 31.4





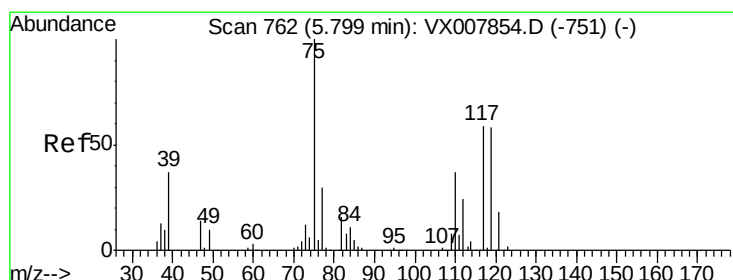
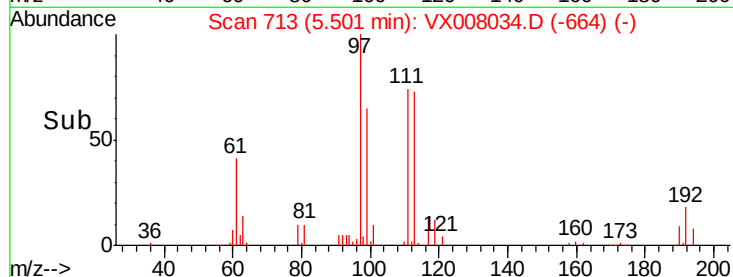
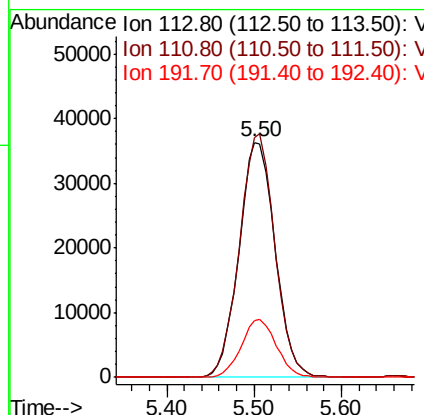
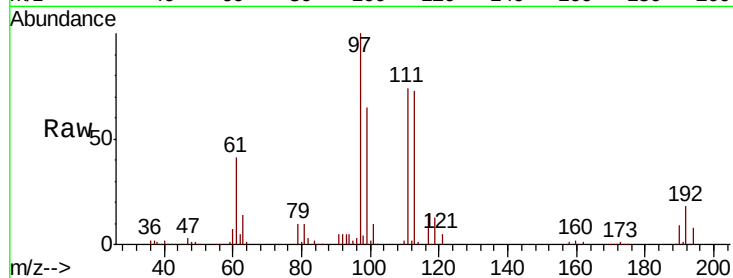
#35  
 Dibromofluoromethane  
 Concen: 49.265 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 104397 |       |       |
| 111     | 101.4 | 81.4   | 122.0 |       |
| 192     | 24.1  | 19.4   | 29.0  |       |

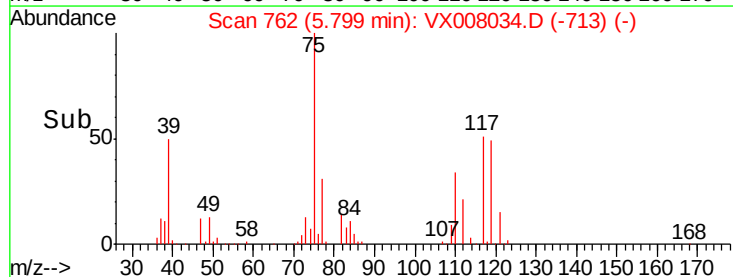
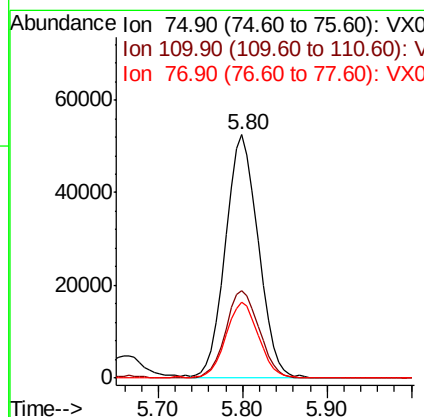
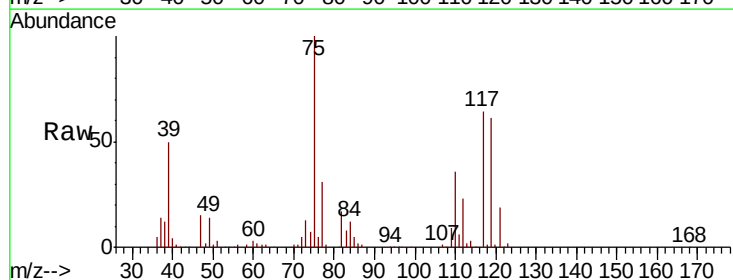
Manual Integrations  
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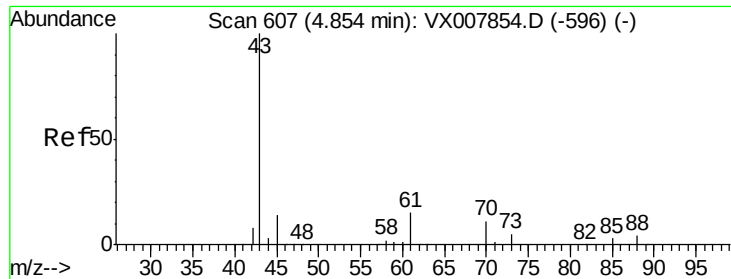
MMDadoda  
 3/13/2019 10:14:15 AM



#36  
 1,1-Dichloropropene  
 Concen: 46.622 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 139852 |       |       |
| 110     | 36.7  | 18.4   | 55.0  |       |
| 77      | 31.0  | 25.0   | 37.4  |       |





#37

Ethyl Acetate

Concen: 45.415 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

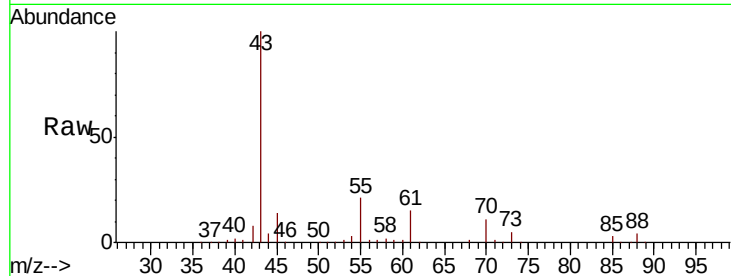
ClientSampleId :

VSTDCCC050EC

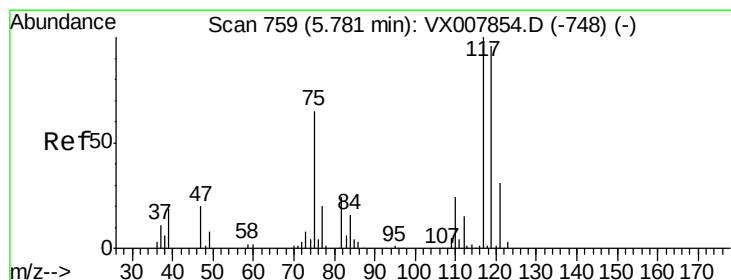
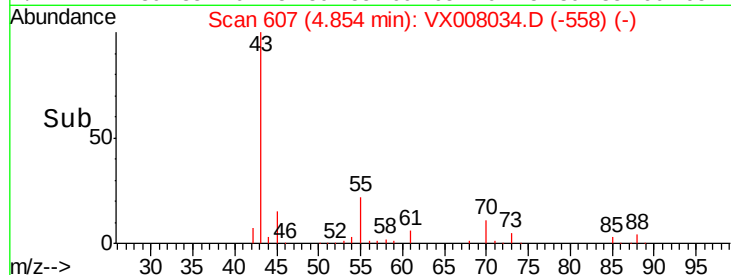
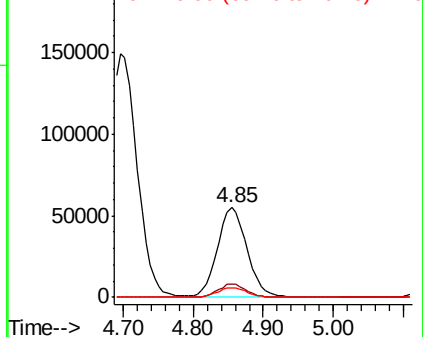
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 161665 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 14.4  | 11.3  | 16.9   |
| 70       | 10.9  | 8.5   | 12.7   |

Manual Integrations  
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MMDadoda  
3/13/2019 10:14:15 AM



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



#38

Carbon Tetrachloride

Concen: 48.286 ug/l

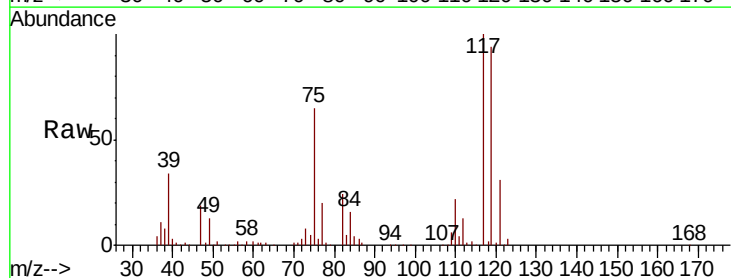
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

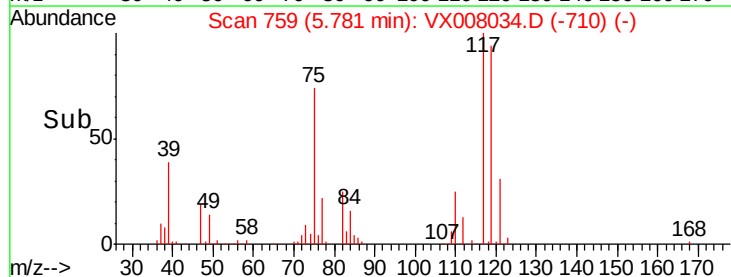
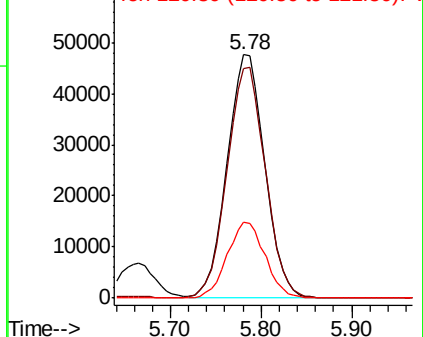
Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

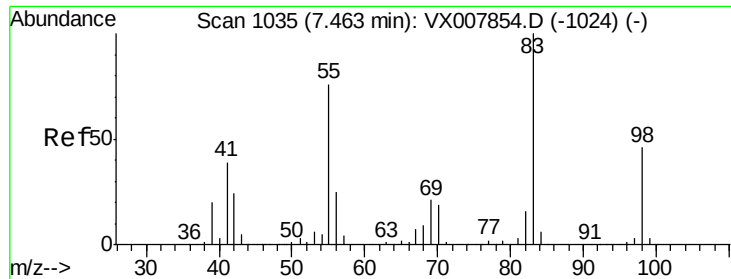
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 137509 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.0  | 76.2  | 114.2  |
| 121      | 31.0  | 24.6  | 36.8   |



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







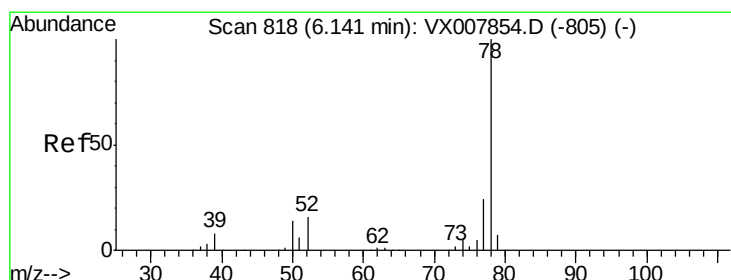
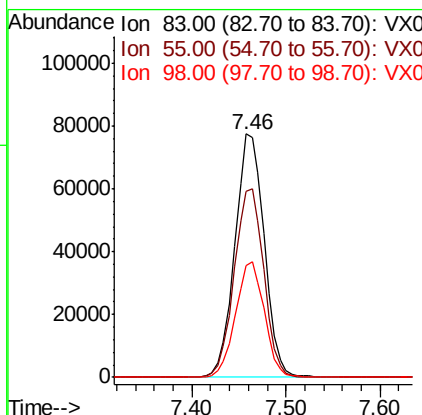
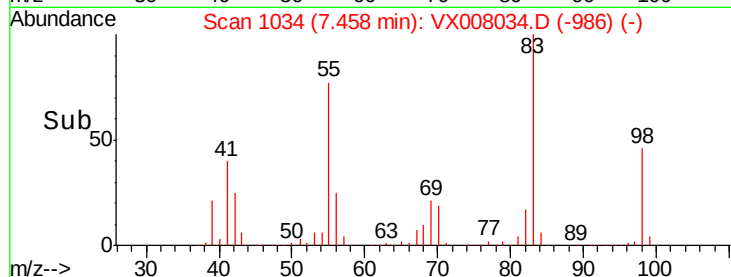
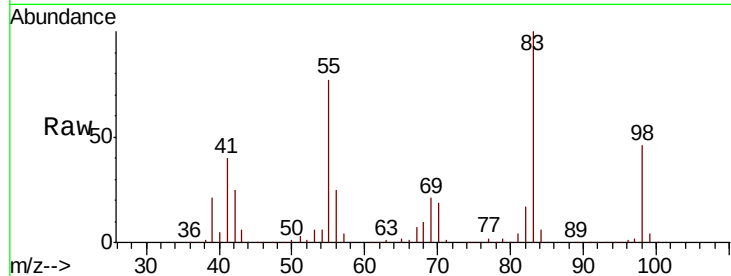
#39  
Methylcyclohexane  
Concen: 46.260 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 168145 |       |       |
| 55      | 76.6  | 60.4   | 90.6  |       |
| 98      | 45.9  | 36.5   | 54.7  |       |

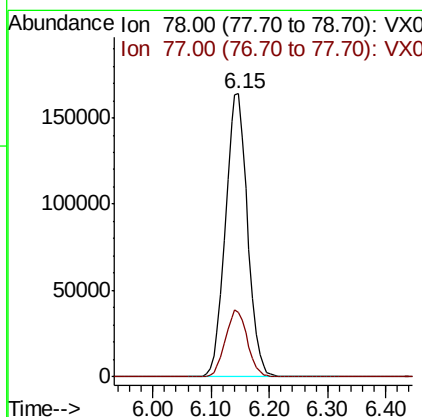
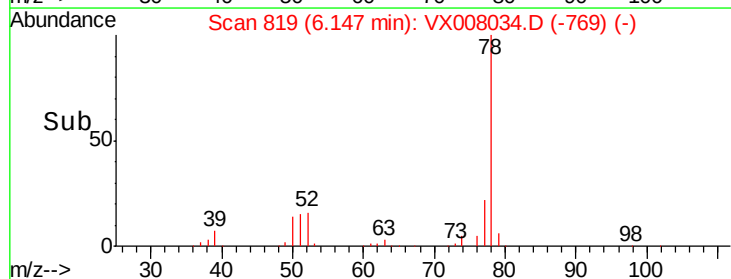
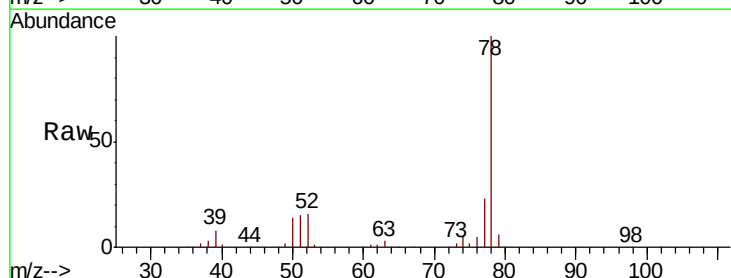
Manual Integrations  
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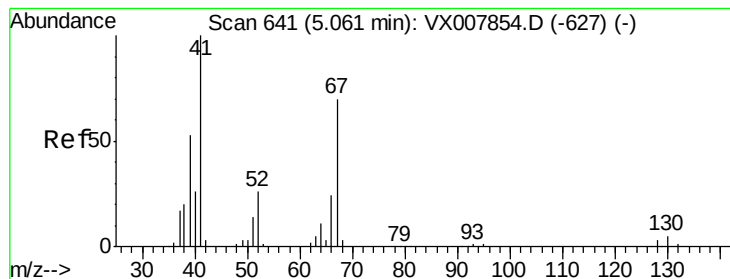
MMDadoda  
3/13/2019 10:14:15 AM



#40  
Benzene  
Concen: 48.440 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 432582 |       |       |
| 77      | 22.9  | 19.0   | 28.4  |       |





#41

Methacrylonitrile

Concen: 47.647 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

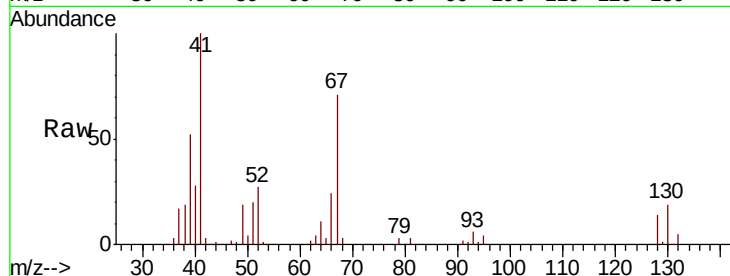
ClientSampleId :

VSTDCCC050EC

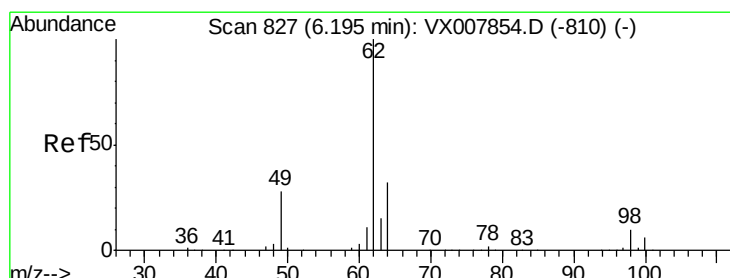
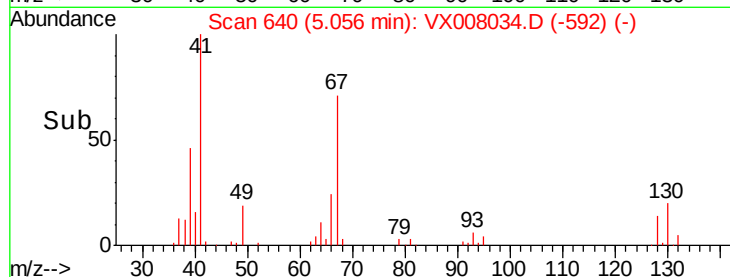
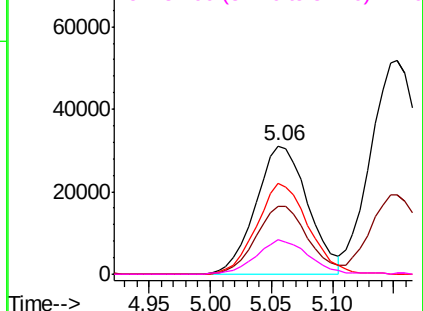
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.5 | 41.6  | 62.4  |       |
| 67      | 70.3 | 55.8  | 83.6  |       |
| 52      | 27.5 | 21.7  | 32.5  |       |

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



#42

1,2-Dichloroethane

Concen: 47.900 ug/l

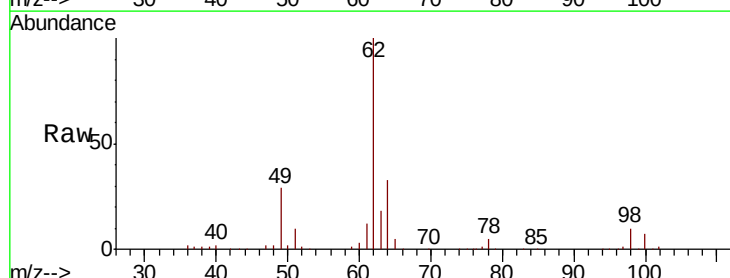
RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

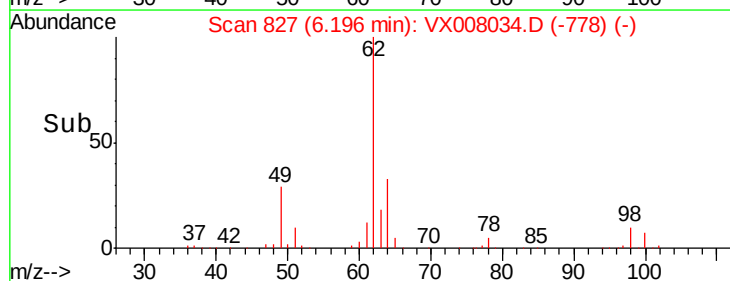
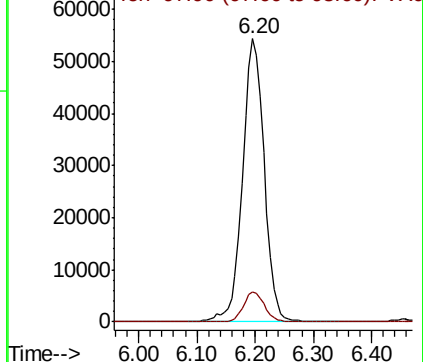
Lab File: VX008034.D

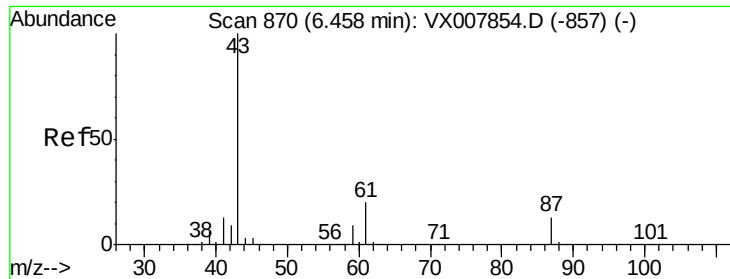
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.3 | 0.0   | 20.4  |       |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.880 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

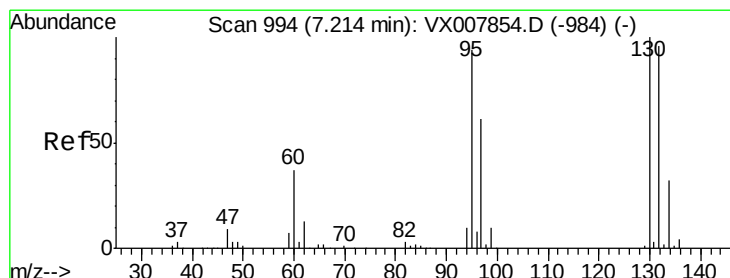
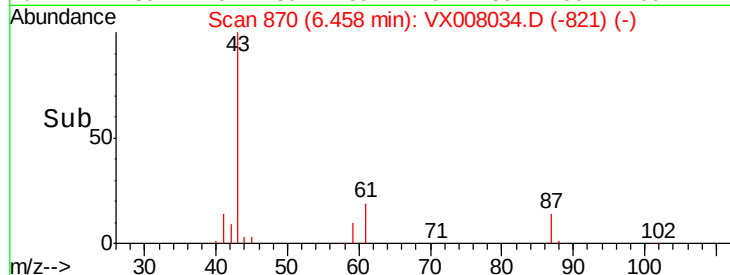
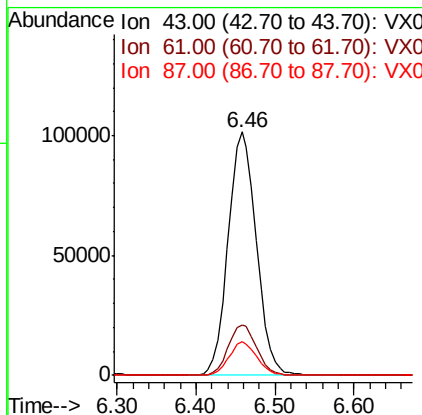
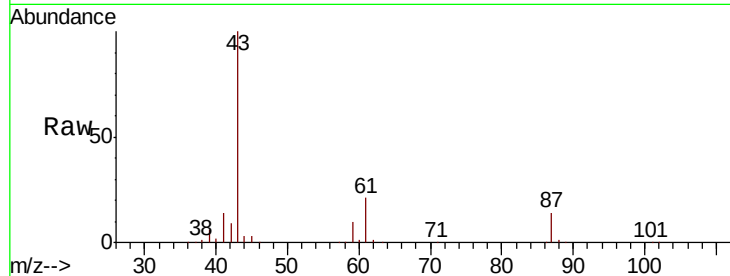
ClientSampled :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 252241 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.9  | 16.3  | 24.5   |
| 87       | 13.7  | 10.5  | 15.7   |

Manual Integrations  
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3/13/2019 10:14:15 AM



#44

Trichloroethene

Concen: 48.623 ug/l

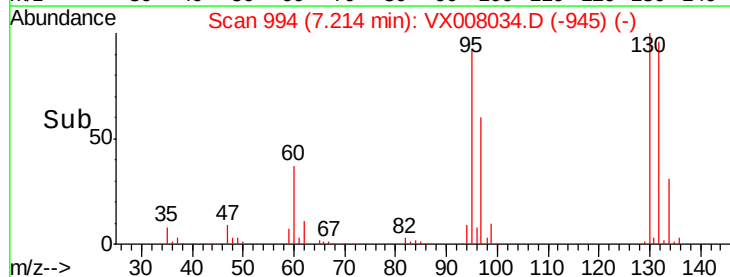
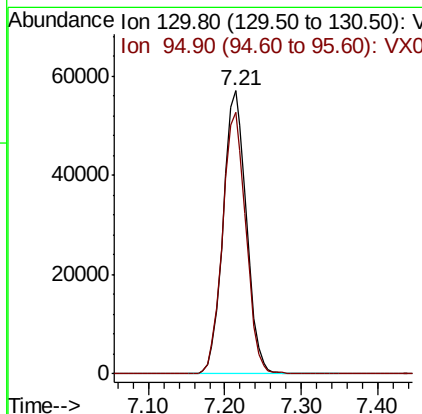
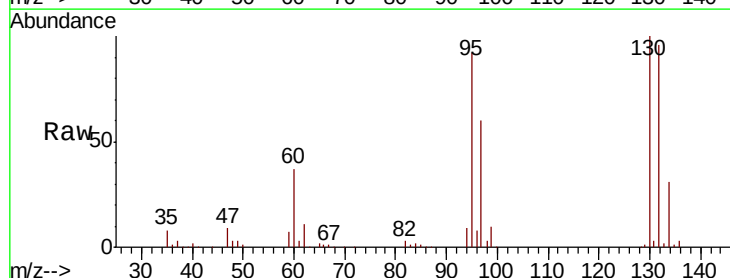
RT: 7.21 min Scan# 994

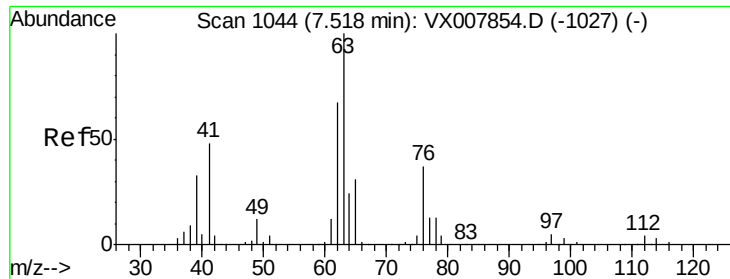
Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 119662 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 92.3  | 0.0   | 188.0  |





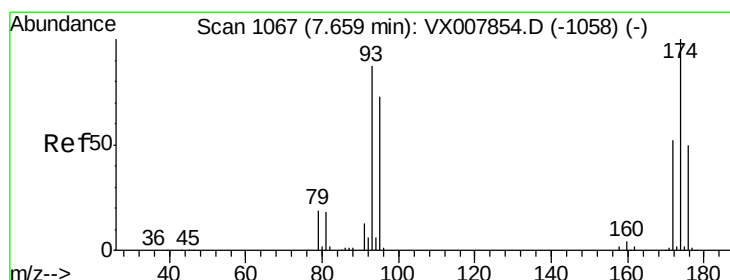
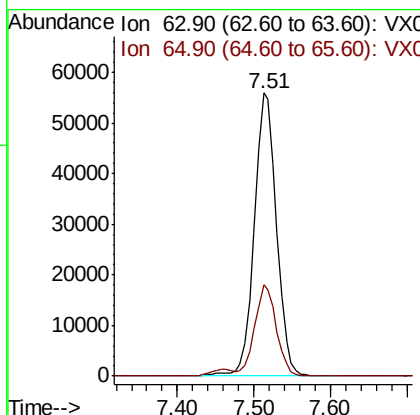
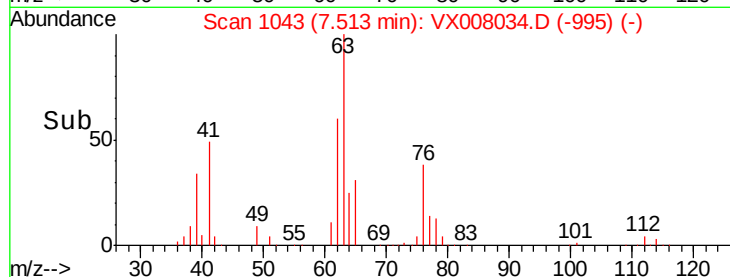
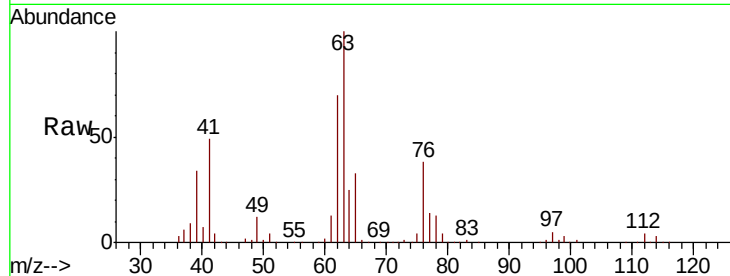
#45  
 1,2-Dichloropropane  
 Concen: 48.116 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 63 Resp: 113488  
 Ion Ratio Lower Upper  
 63 100  
 65 32.5 24.7 37.1

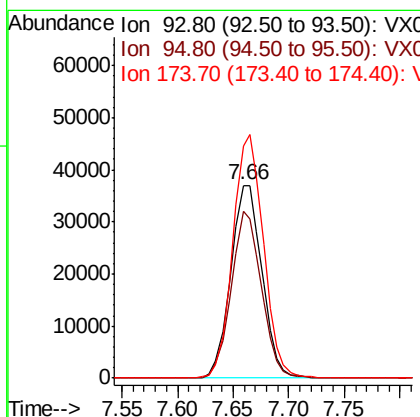
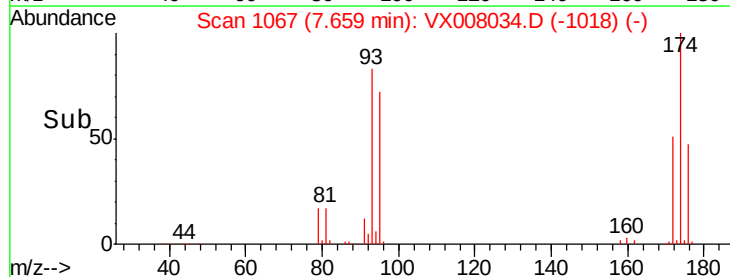
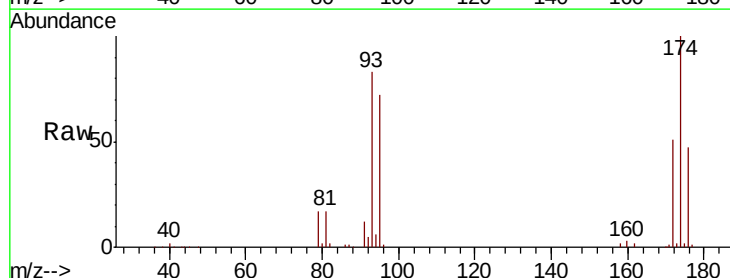
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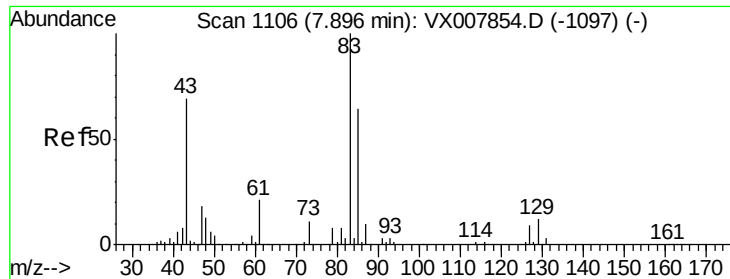
MMDadoda  
 3/13/2019 10:14:15 AM



#46  
 Dibromomethane  
 Concen: 48.255 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Tgt Ion: 93 Resp: 72028  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 66.8 100.2  
 174 123.4 97.3 145.9





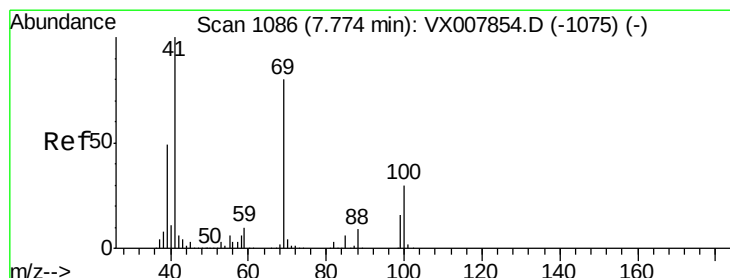
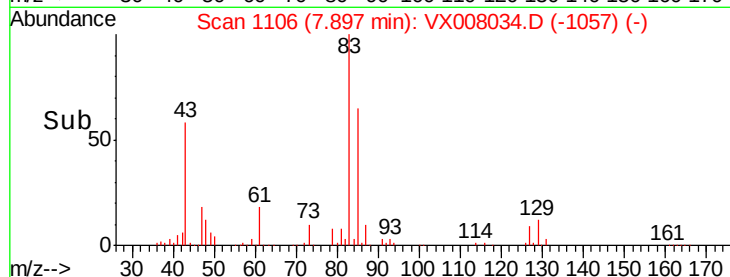
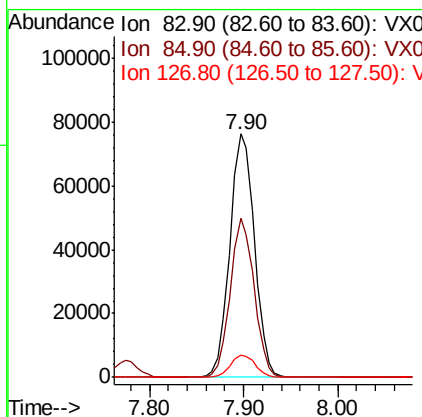
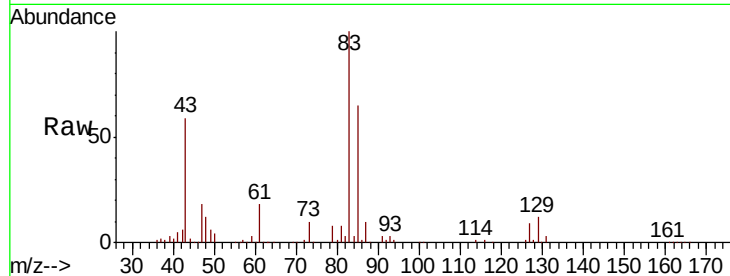
#47  
Bromodichloromethane  
Concen: 48.885 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 50.9  | 76.3  |
| 127     | 9.1   | 7.4   | 11.0  |

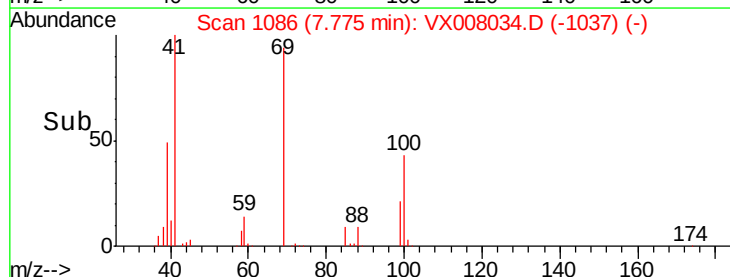
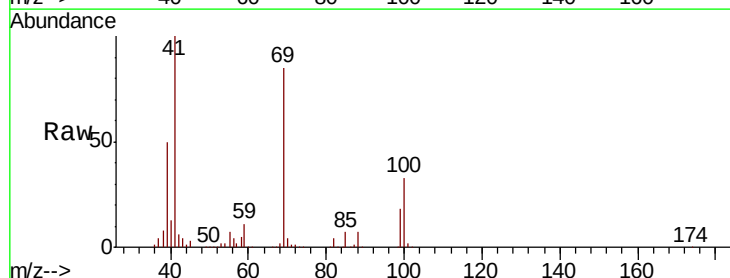
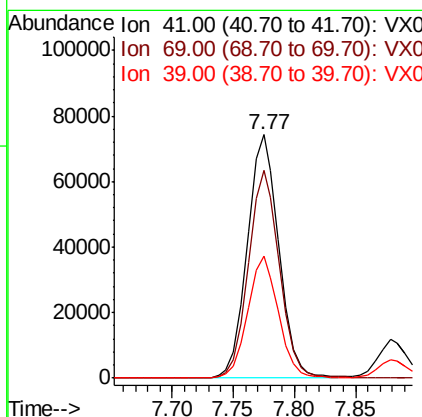
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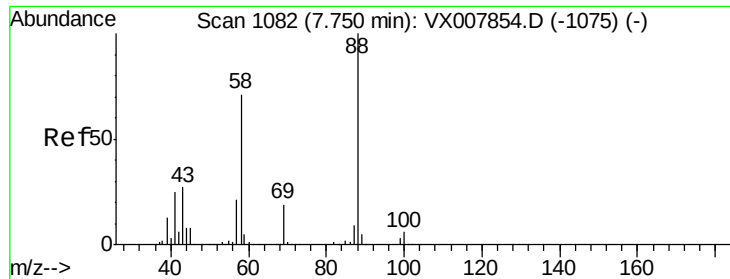
MMDadoda  
3/13/2019 10:14:15 AM



#48  
Methyl methacrylate  
Concen: 47.884 ug/l  
RT: 7.77 min Scan# 1086  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 84.7  | 65.2  | 97.8  |
| 39      | 48.8  | 39.4  | 59.2  |





#49

1,4-Dioxane

Concen: 937.866 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

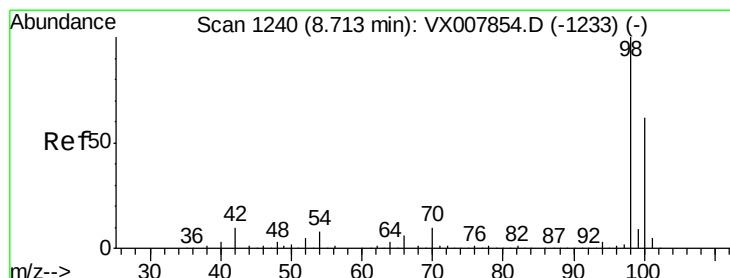
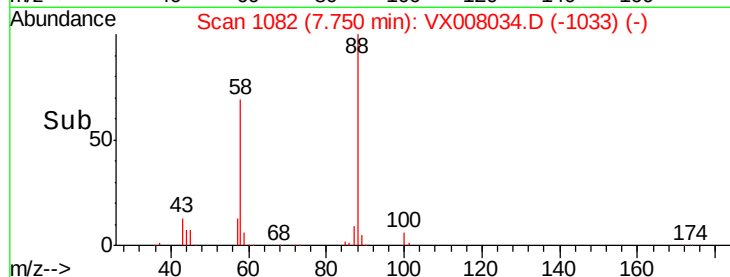
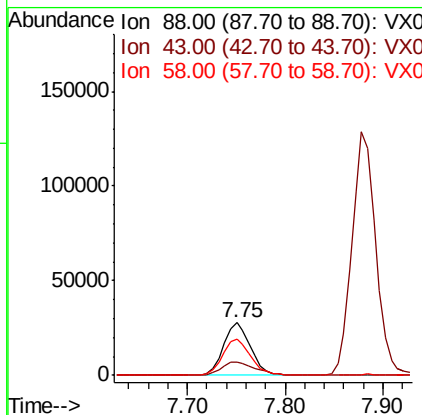
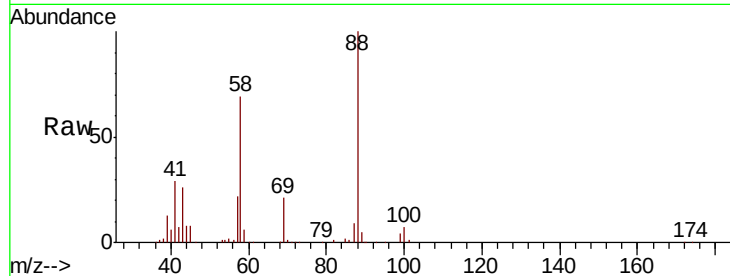
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 53363 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 31.1  | 25.1  | 37.7  |
| 58       | 72.2  | 57.8  | 86.6  |

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3/13/2019 10:14:15 AM



#50

Toluene-d8

Concen: 50.192 ug/l

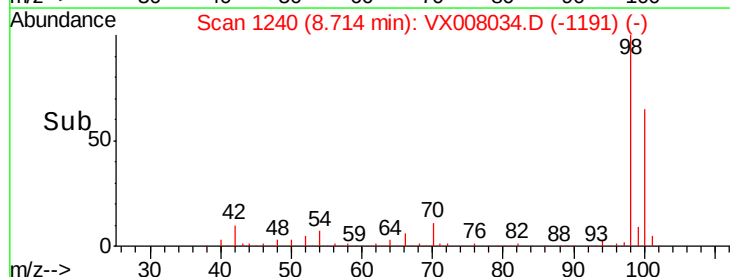
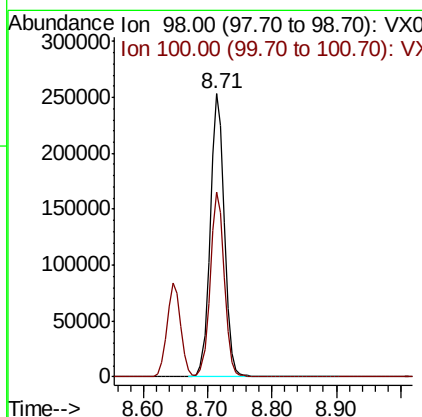
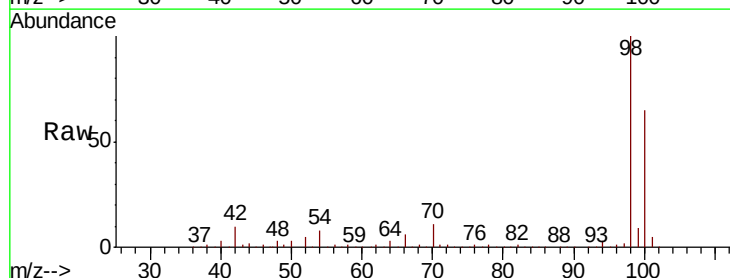
RT: 8.71 min Scan# 1240

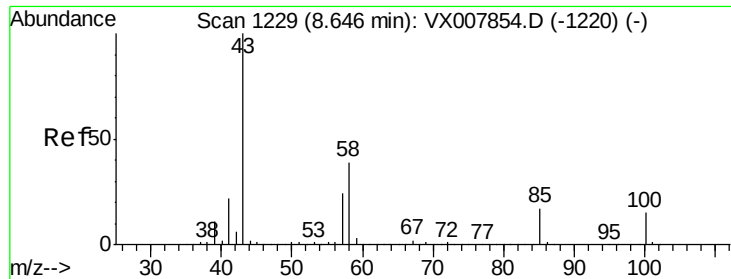
Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 390618 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.7  | 51.7  | 77.5   |





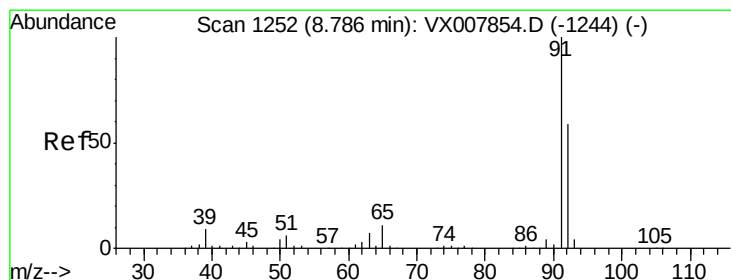
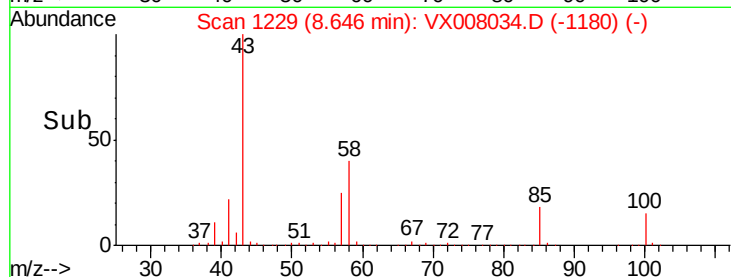
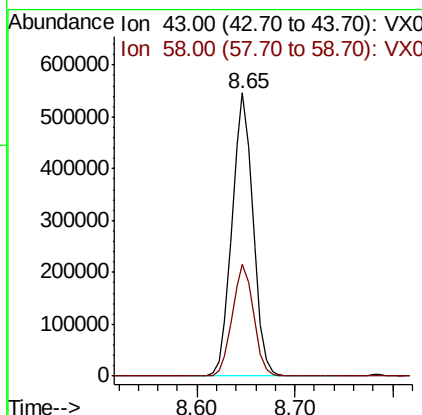
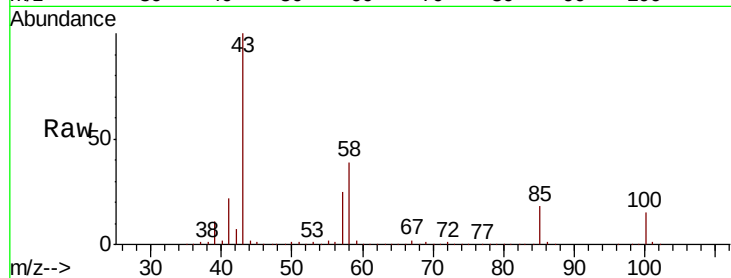
#51  
 4-Methyl-2-Pentanone  
 Concen: 241.399 ug/l  
 RT: 8.65 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 817865  
 Ion Ratio Lower Upper  
 43 100  
 58 39.6 31.3 46.9

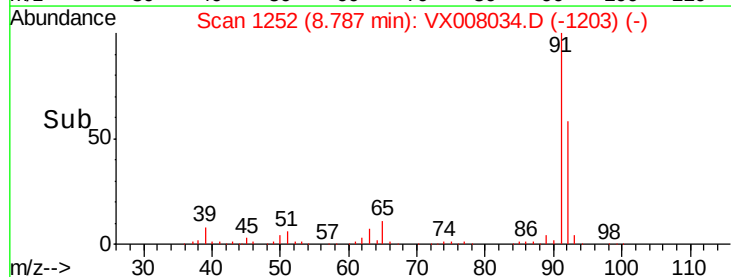
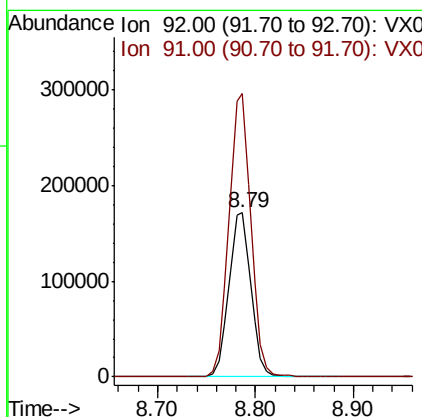
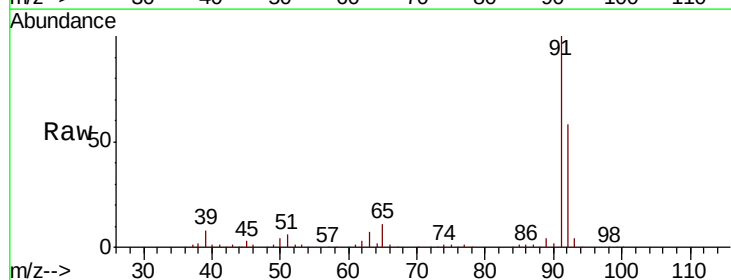
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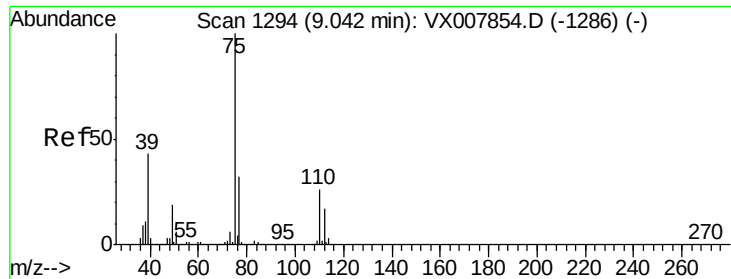
MMDadoda  
 3/13/2019 10:14:15 AM



#52  
 Toluene  
 Concen: 49.353 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Tgt Ion: 92 Resp: 269078  
 Ion Ratio Lower Upper  
 92 100  
 91 171.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 51.304 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 151543

Ion Ratio Lower Upper

75 100

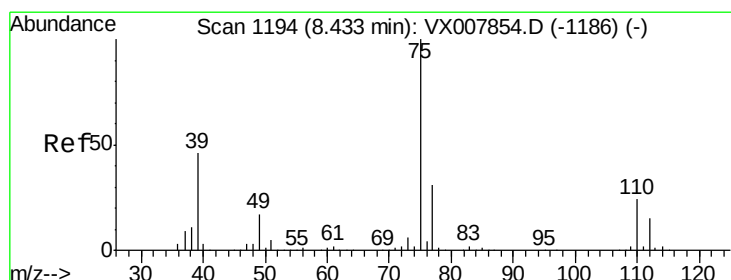
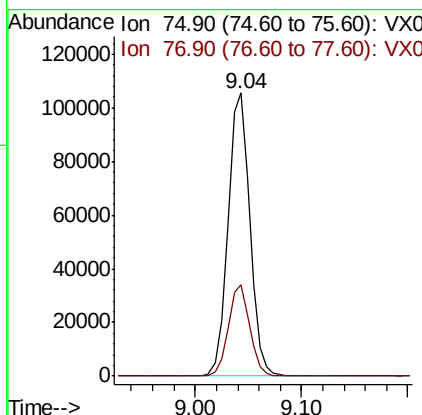
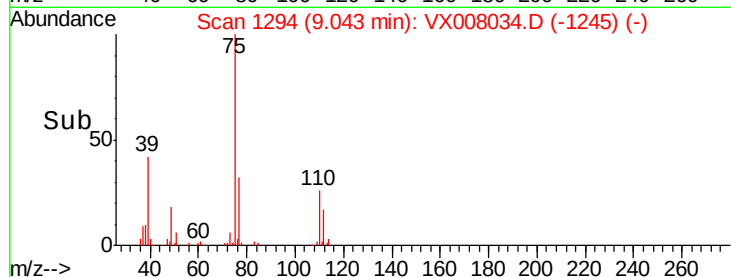
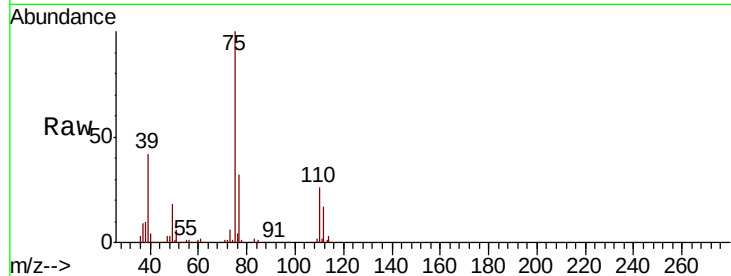
77 32.3 25.4 38.0

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MMDadoda

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#54

cis-1,3-Dichloropropene

Concen: 49.957 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

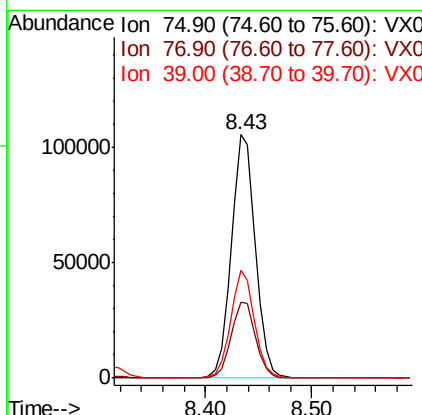
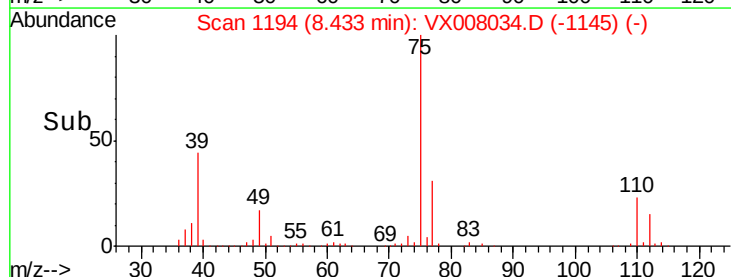
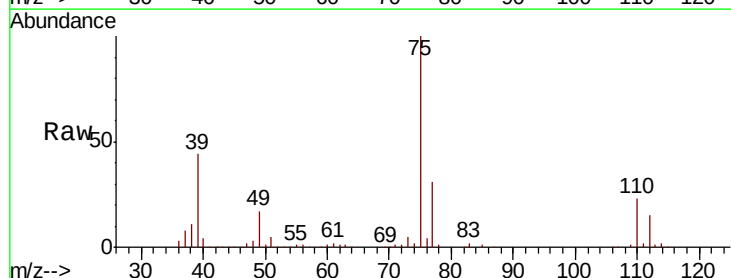
Tgt Ion: 75 Resp: 166636

Ion Ratio Lower Upper

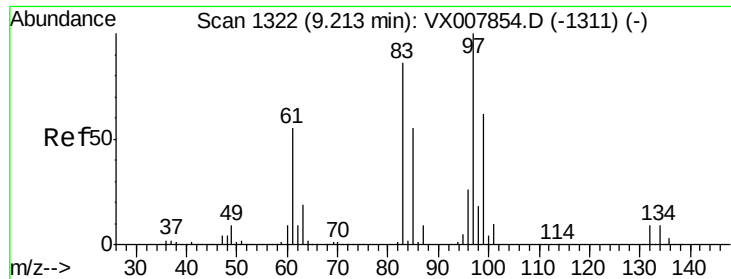
75 100

77 31.1 25.0 37.6

39 44.2 36.6 54.8







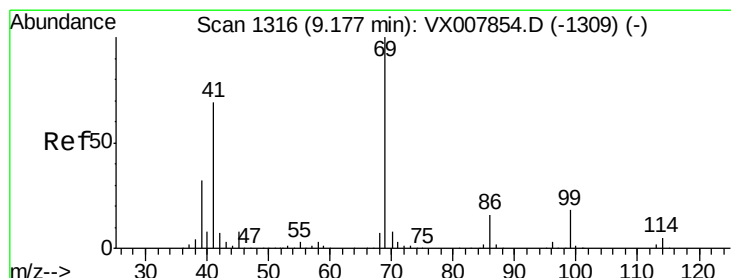
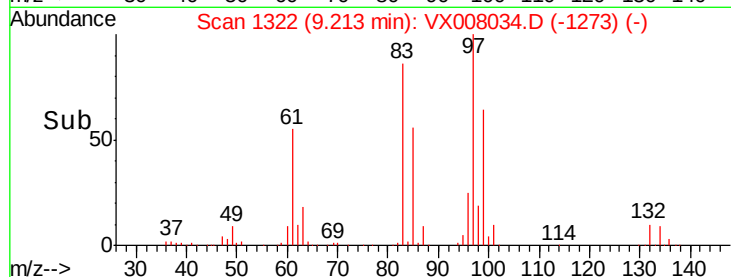
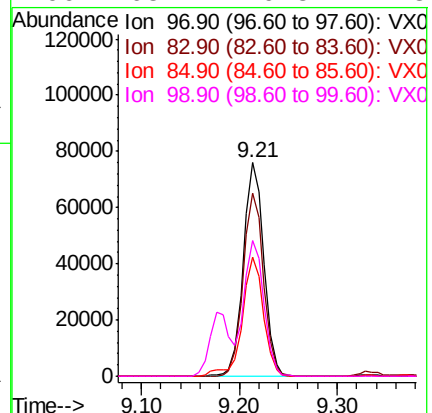
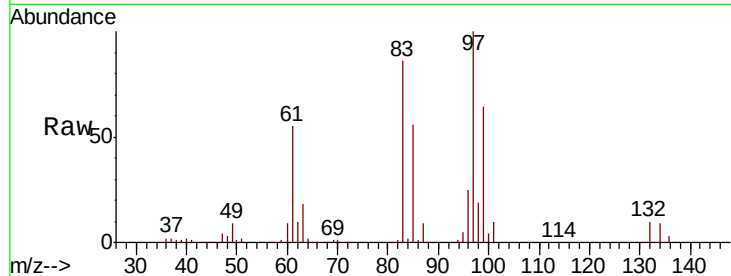
#55  
 1,1,2-Trichloroethane  
 Concen: 50.157 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 110699 |       |       |
| 83      | 85.7  | 69.1   | 103.7 |       |
| 85      | 55.8  | 44.3   | 66.5  |       |
| 99      | 63.7  | 49.8   | 74.8  |       |

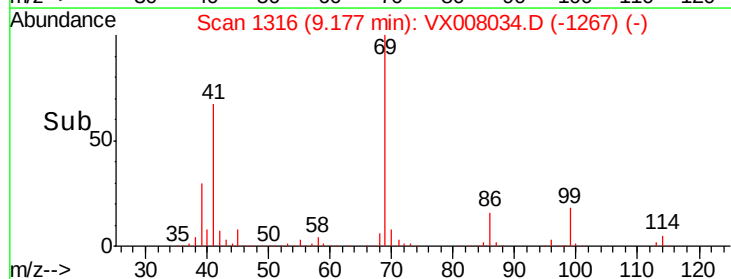
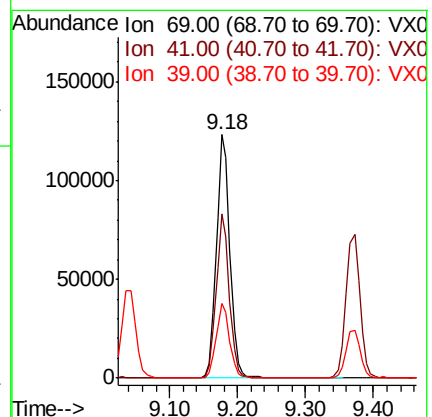
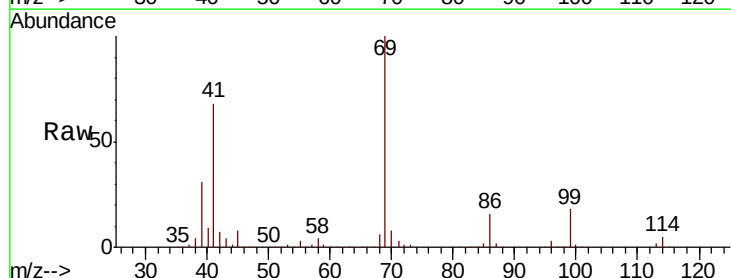
Manual Integrations  
 APPROVED

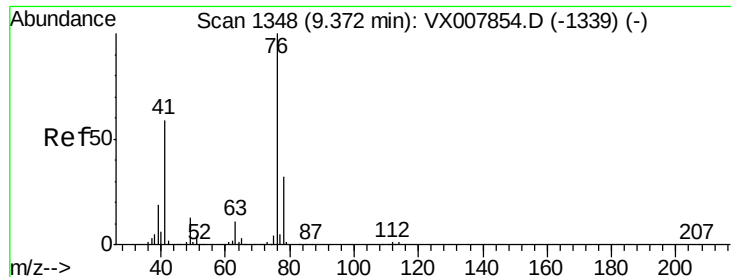
MMDadoda  
 3/13/2019 10:14:15 AM



#56  
 Ethyl methacrylate  
 Concen: 51.050 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 169171 |       |       |
| 41      | 65.3  | 54.2   | 81.4  |       |
| 39      | 30.4  | 25.0   | 37.4  |       |





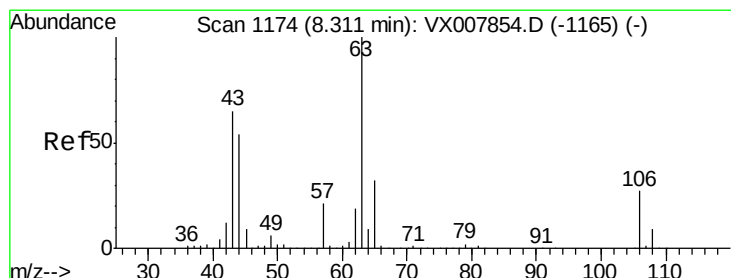
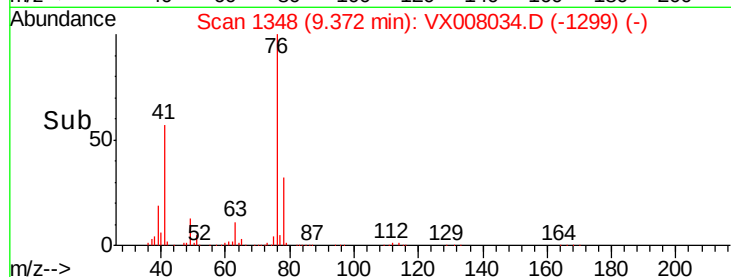
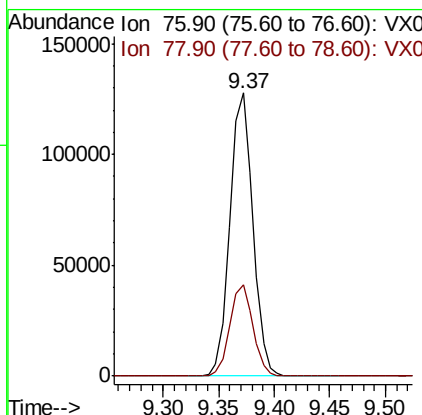
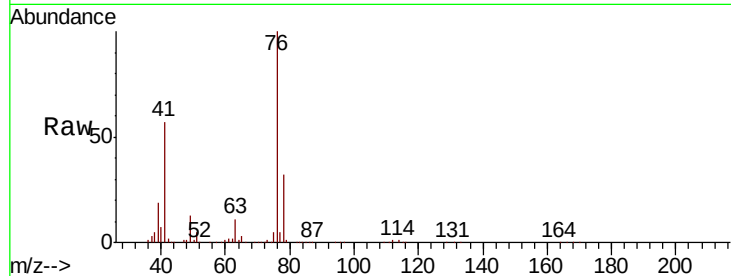
#57  
 1,3-Dichloropropane  
 Concen: 49.139 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.5  | 38.3  |

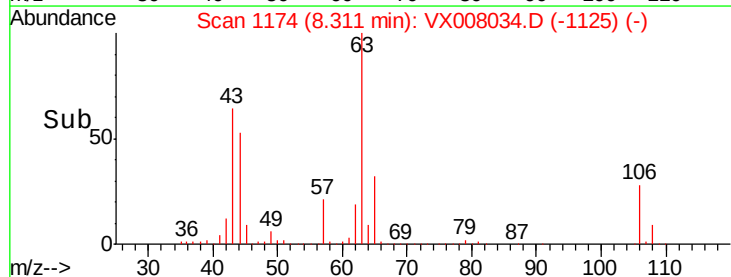
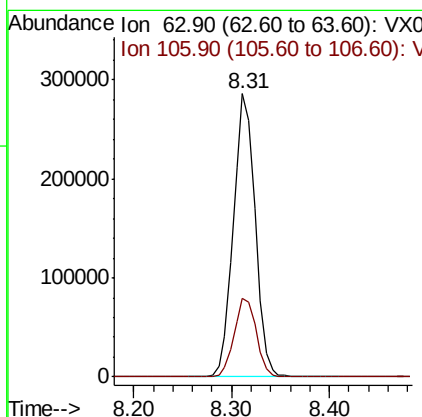
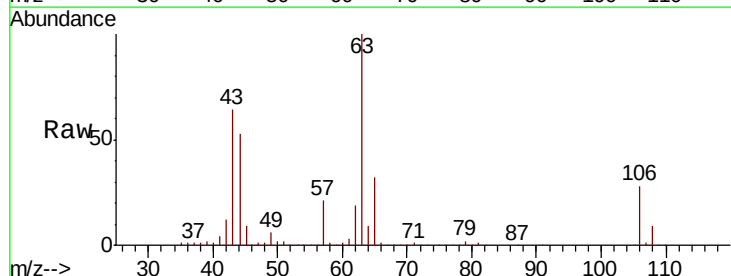
Manual Integrations  
 APPROVED

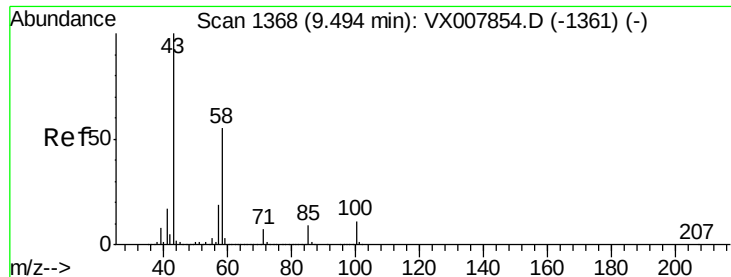
MMDadoda  
 3/13/2019 10:14:15 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 257.765 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.3  | 22.2  | 33.2  |





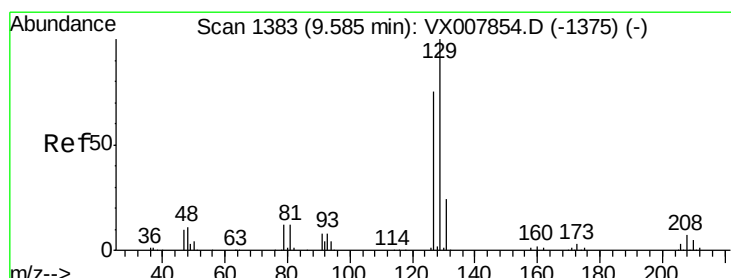
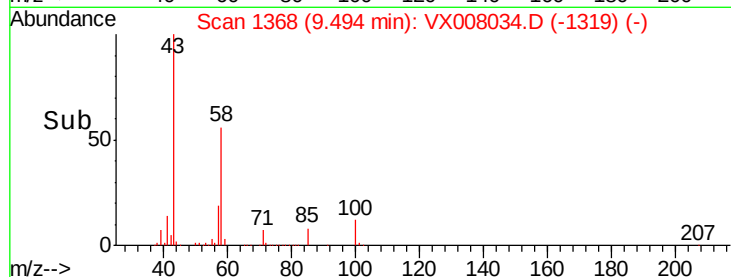
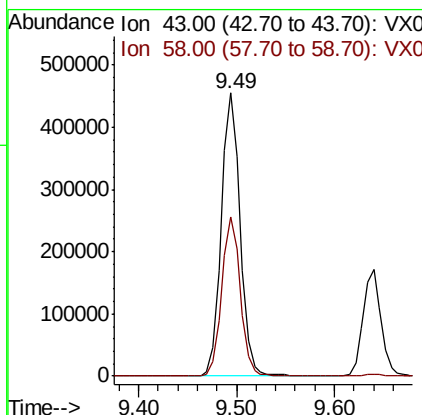
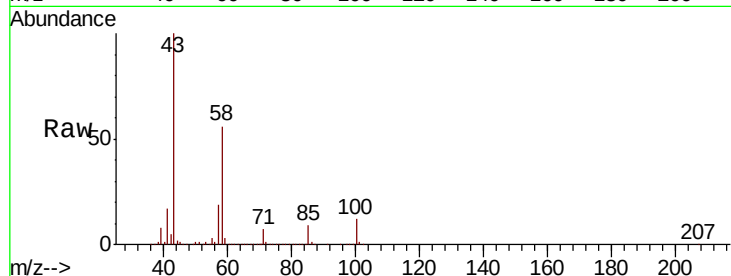
#59  
2-Hexanone  
Concen: 230.545 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 606423  
Ion Ratio Lower Upper  
43 100  
58 55.7 27.6 82.7

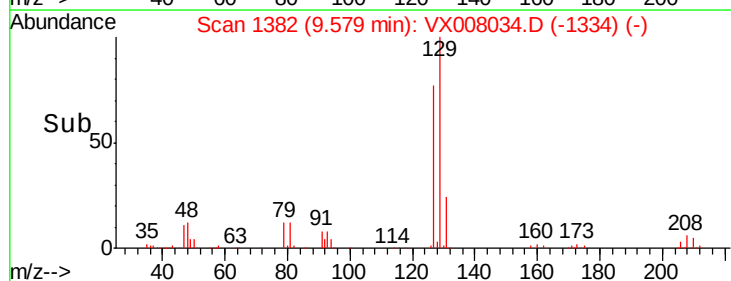
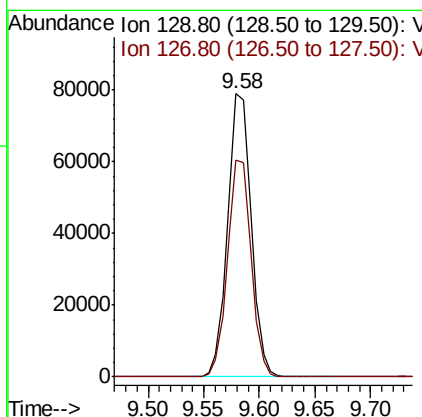
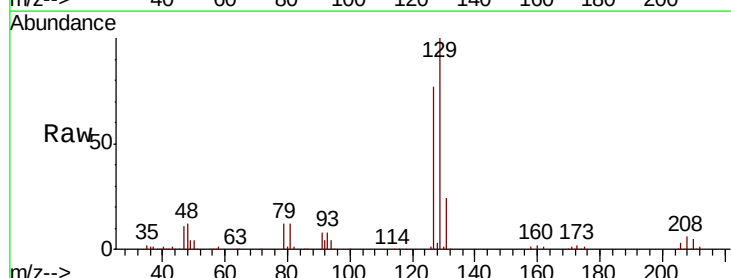
Manual Integrations  
APPROVED

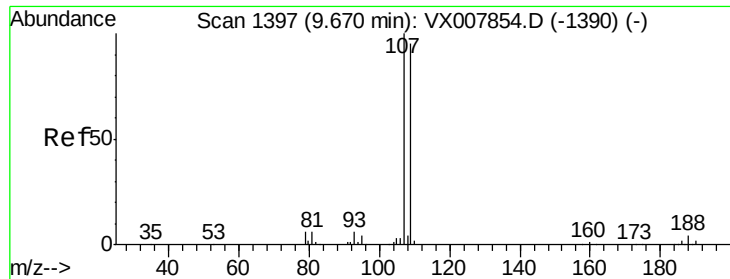
MMDadoda  
3/13/2019 10:14:15 AM



#60  
Dibromochloromethane  
Concen: 50.417 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Tgt Ion: 129 Resp: 116308  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.3 114.8





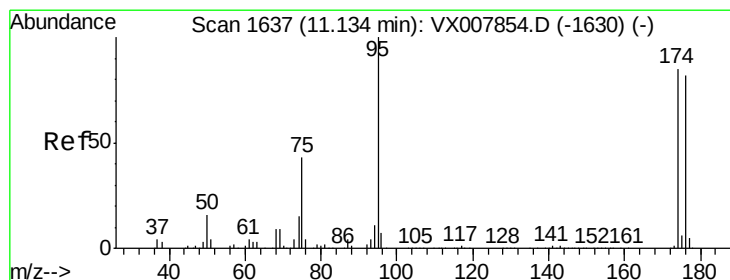
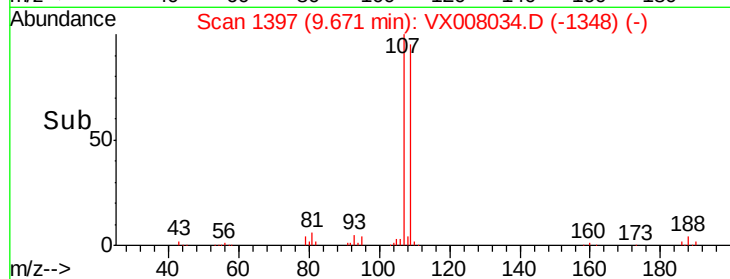
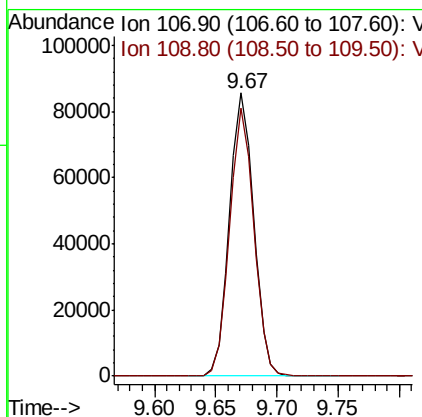
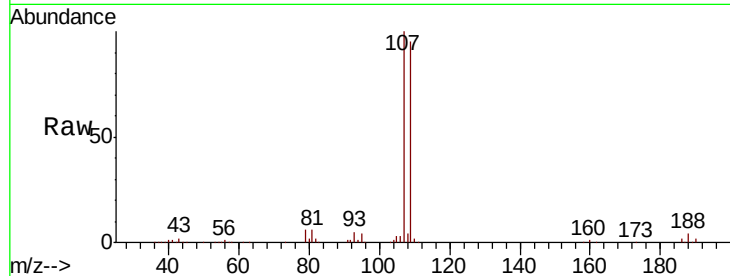
#61  
 1,2-Dibromoethane  
 Concen: 50.054 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 117291 |       |       |
| 109     | 94.5  | 75.8   | 113.8 |       |

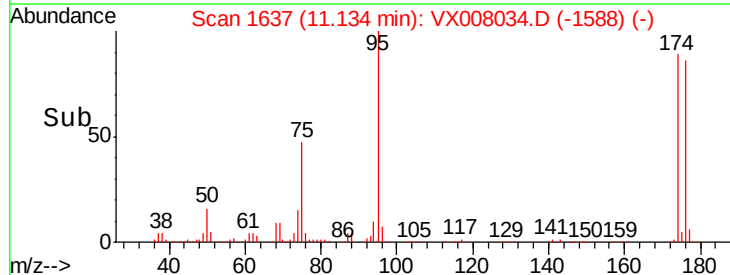
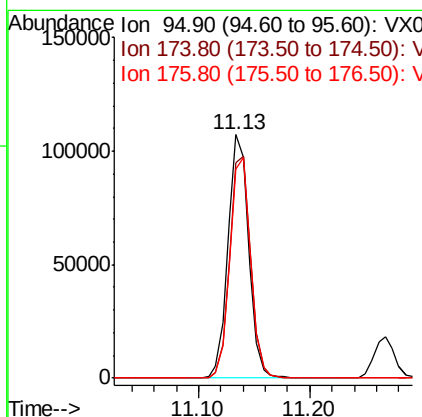
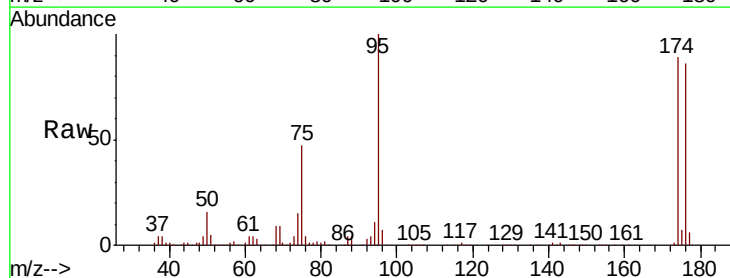
Manual Integrations  
 APPROVED

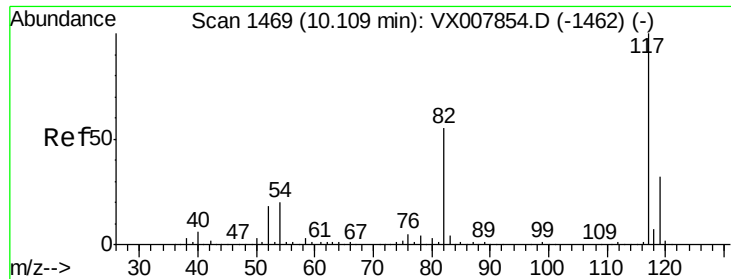
MMDadoda  
 3/13/2019 10:14:15 AM



#62  
 4-Bromofluorobenzene  
 Concen: 50.410 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 137547 |       |       |
| 174     | 92.6  | 0.0    | 182.8 |       |
| 176     | 90.8  | 0.0    | 178.0 |       |





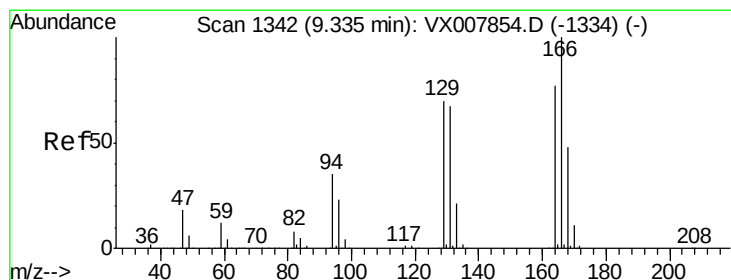
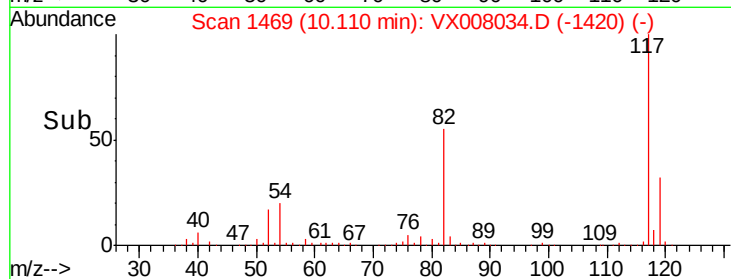
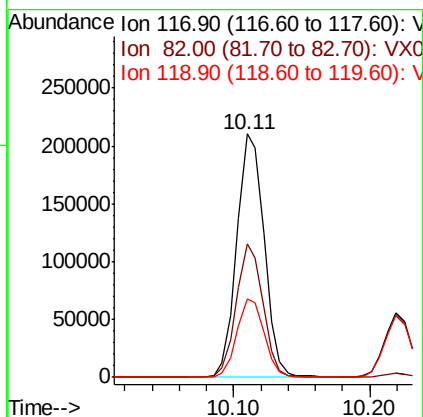
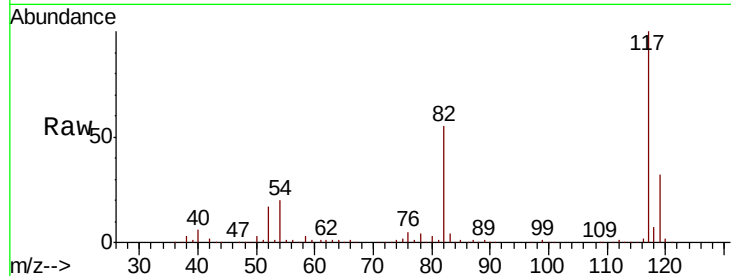
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 295971 |       |       |
| 82      | 54.6  | 44.3   | 66.5  |       |
| 119     | 32.3  | 25.3   | 37.9  |       |

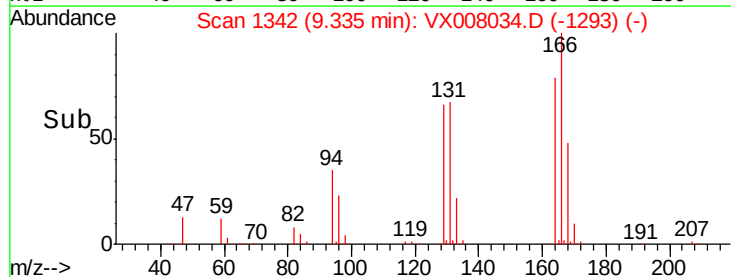
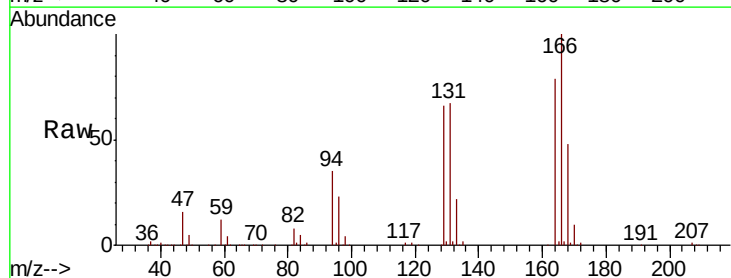
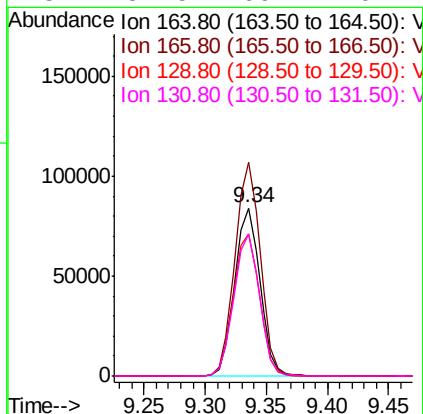
Manual Integrations  
APPROVED

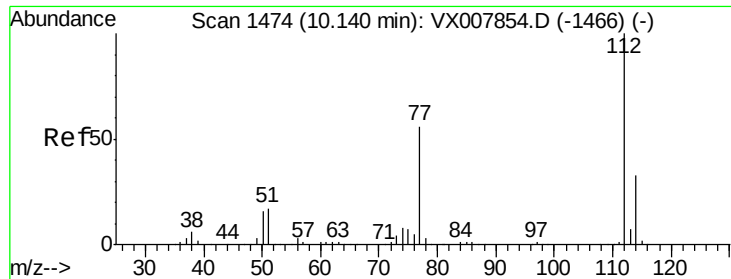
MMDadoda  
3/13/2019 10:14:15 AM



#64  
Tetrachloroethene  
Concen: 48.945 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 120046 |       |       |
| 166     | 127.0 | 103.4  | 155.0 |       |
| 129     | 84.2  | 72.2   | 108.4 |       |
| 131     | 84.5  | 69.4   | 104.2 |       |





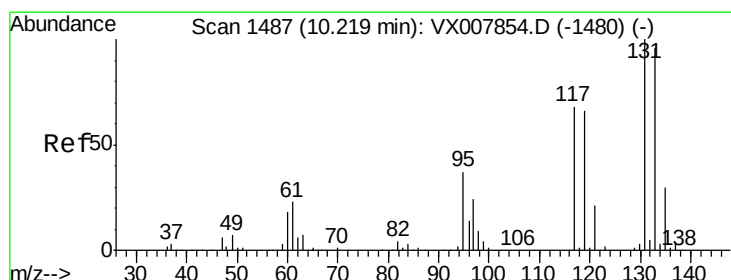
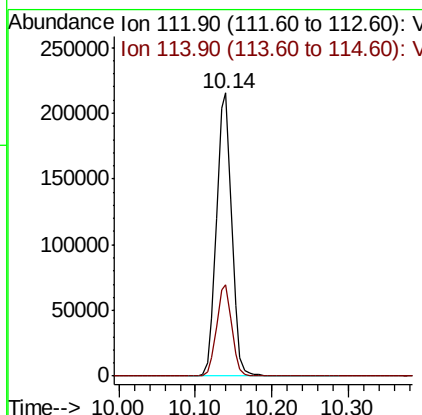
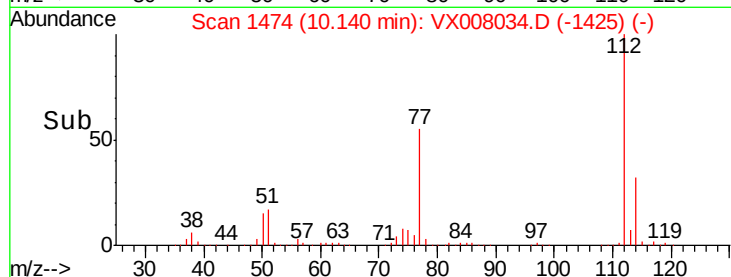
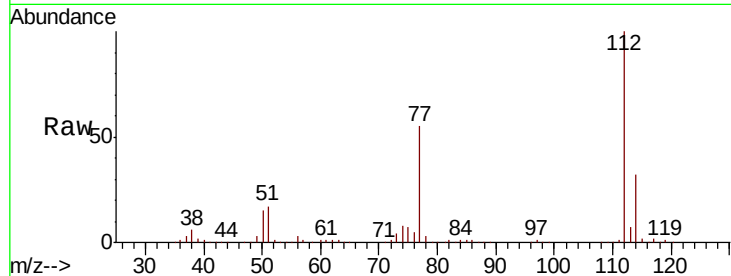
#65  
Chlorobenzene  
Concen: 47.922 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 296801  
Ion Ratio Lower Upper  
112 100  
114 32.4 26.0 39.0

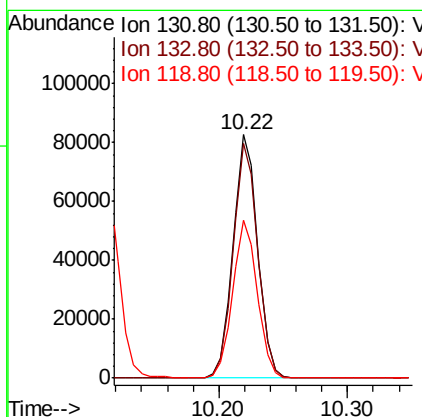
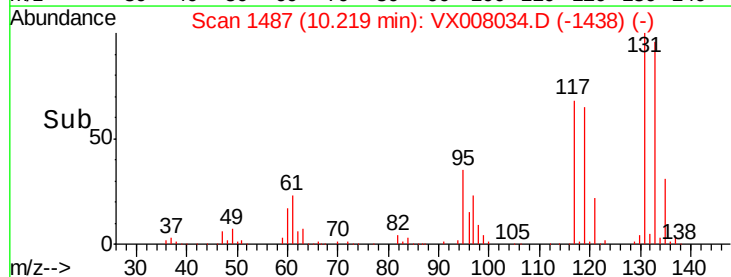
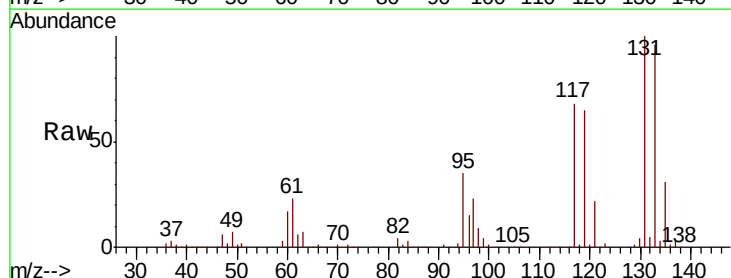
Manual Integrations  
APPROVED

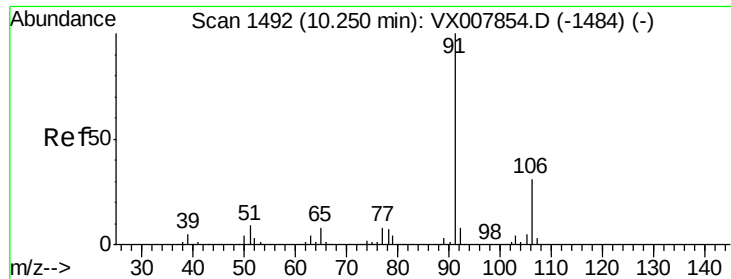
MMDadoda  
3/13/2019 10:14:15 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.486 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Tgt Ion:131 Resp: 109844  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.8 143.3  
119 65.2 32.5 97.5





#67

Ethyl Benzene

Concen: 48.939 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 498931

Ion Ratio Lower Upper

91 100

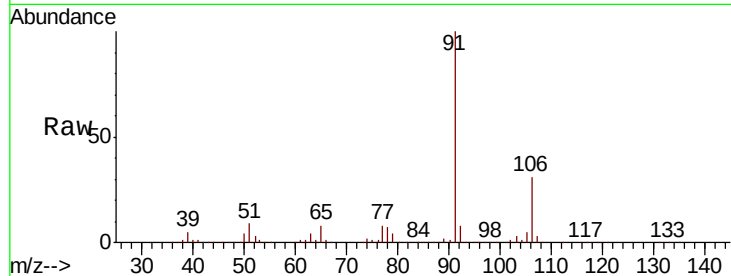
106 31.3 25.2 37.8

Manual Integrations

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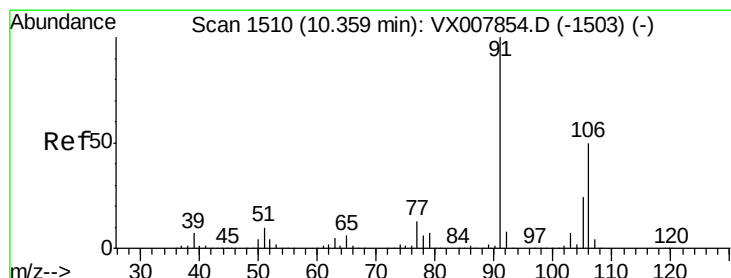
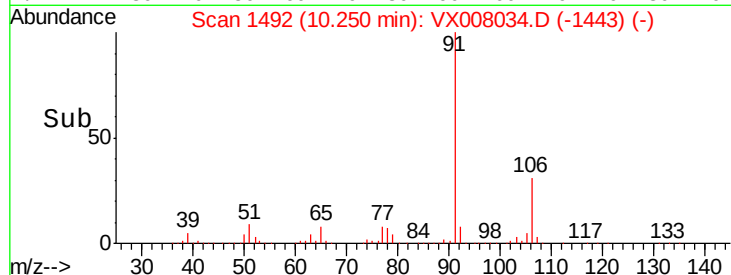
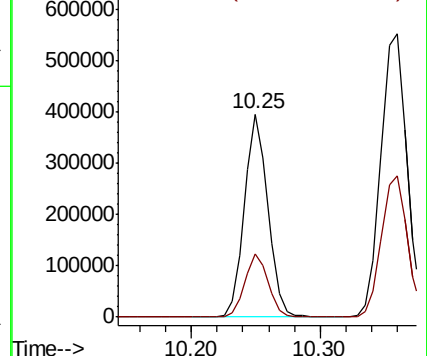
MMDadoda

3/13/2019 10:14:15 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.946 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008034.D

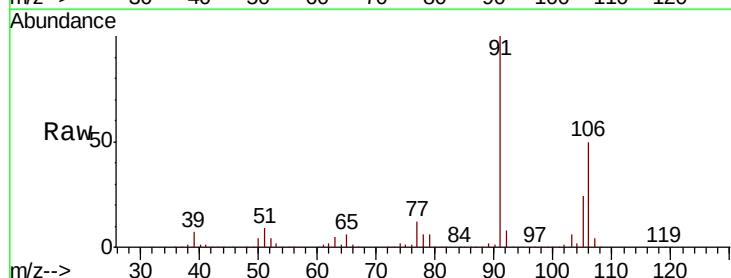
Acq: 12 Mar 2019 23:13

Tgt Ion: 106 Resp: 384896

Ion Ratio Lower Upper

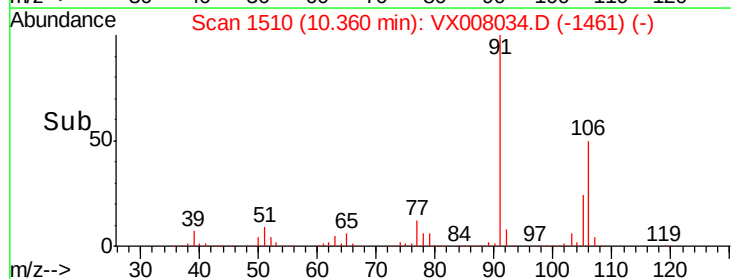
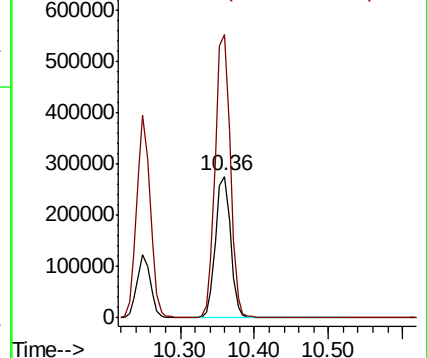
106 100

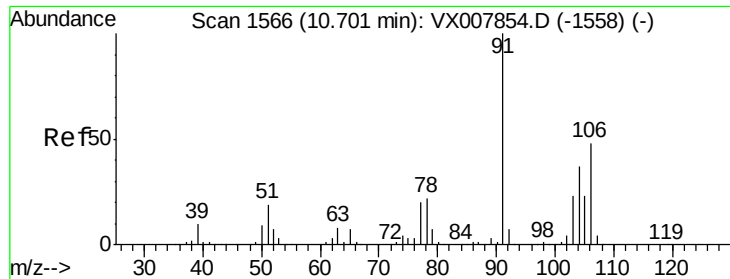
91 200.7 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





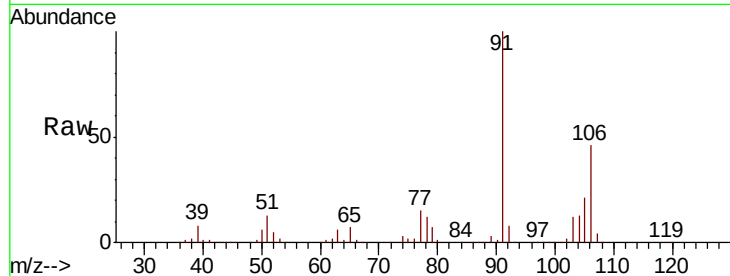
#69  
o-Xylene  
Concen: 49.103 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

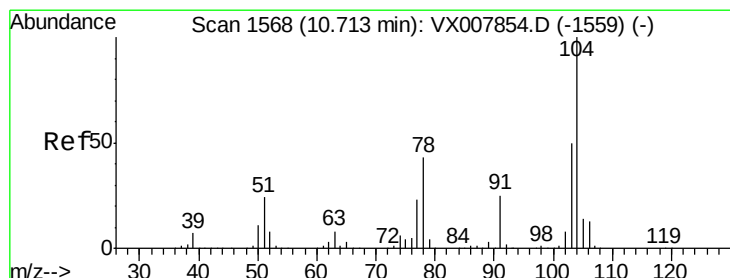
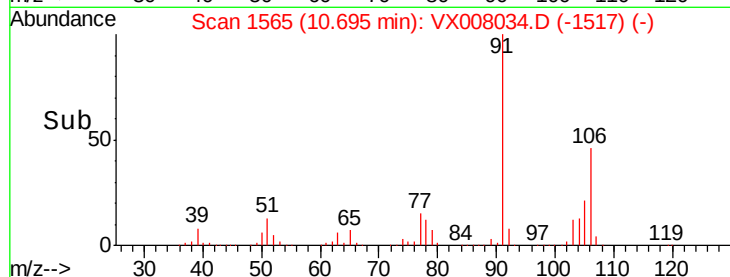
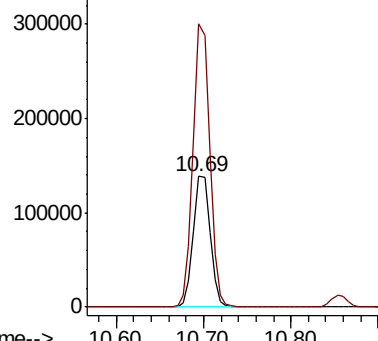
Tgt Ion:106 Resp: 186290  
Ion Ratio Lower Upper  
106 100  
91 213.2 106.3 318.9

Manual Integrations  
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MMDadoda  
3/13/2019 10:14:15 AM

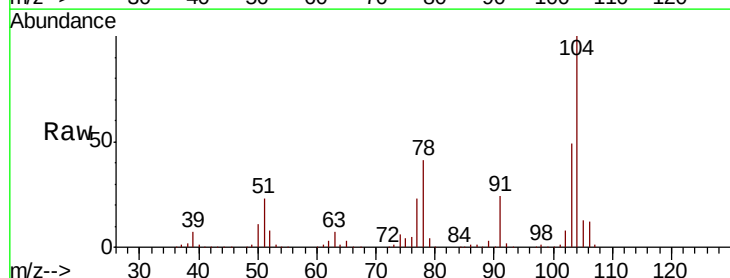


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

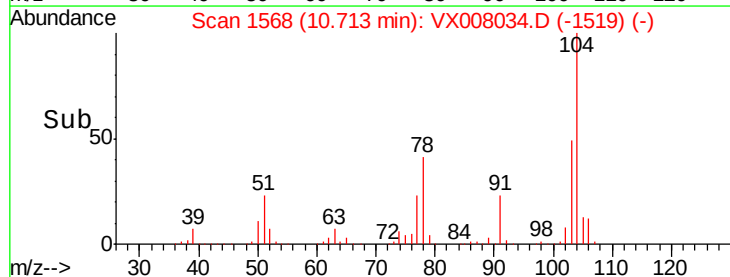
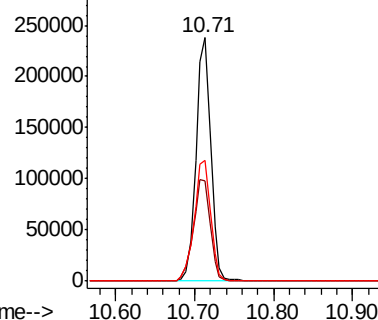


#70  
Styrene  
Concen: 49.868 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

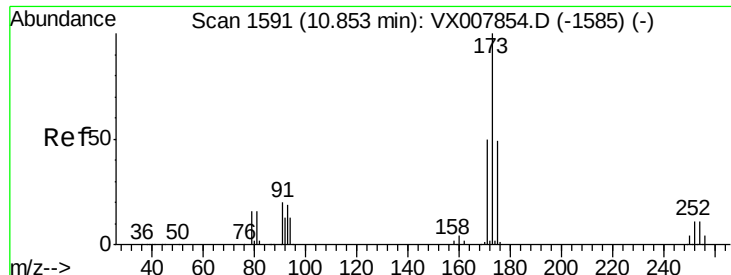
Tgt Ion:104 Resp: 309589  
Ion Ratio Lower Upper  
104 100  
78 48.2 38.5 57.7  
103 55.4 44.1 66.1



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







#71

Bromoform

Concen: 48.004 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 91507

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.9

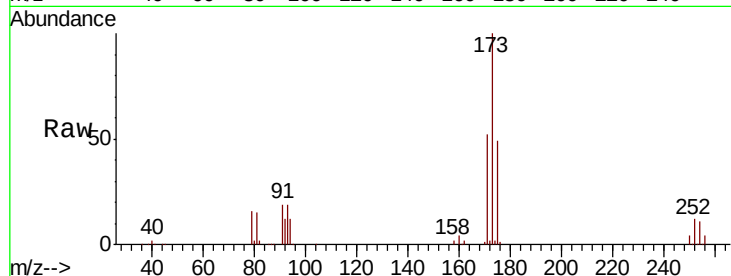
254 0.1 0.1 0.1#

Manual Integrations

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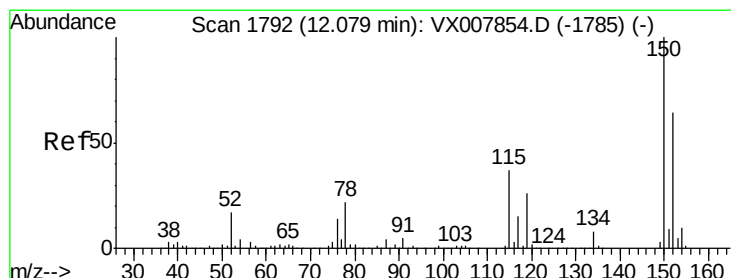
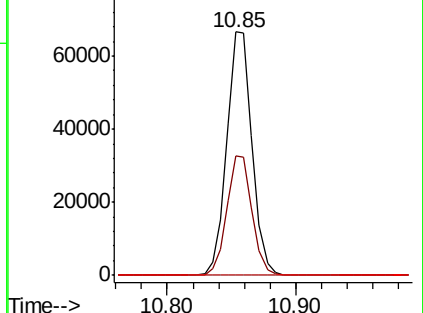
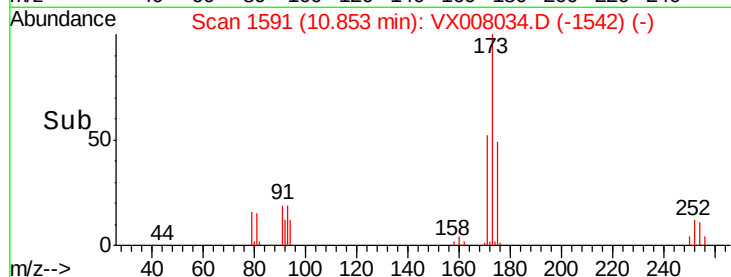
3/13/2019 10:14:15 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

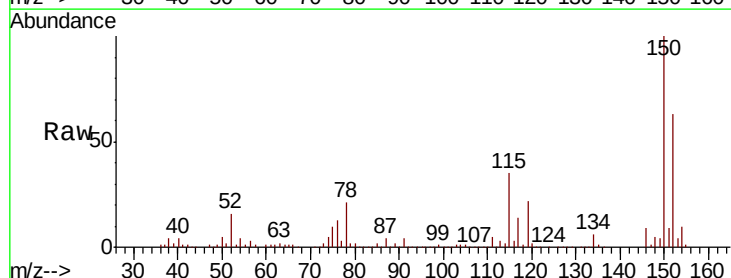
Tgt Ion:152 Resp: 148950

Ion Ratio Lower Upper

152 100

115 75.7 38.6 115.7

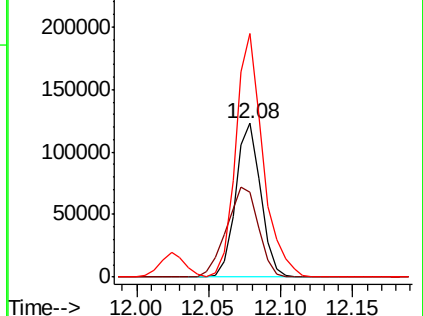
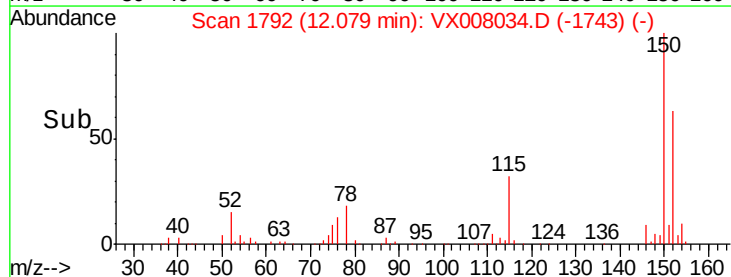
150 171.1 0.0 348.4

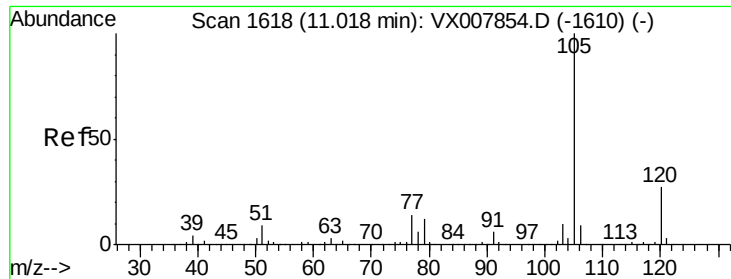


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





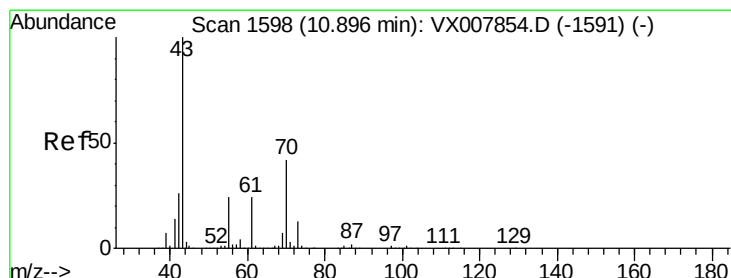
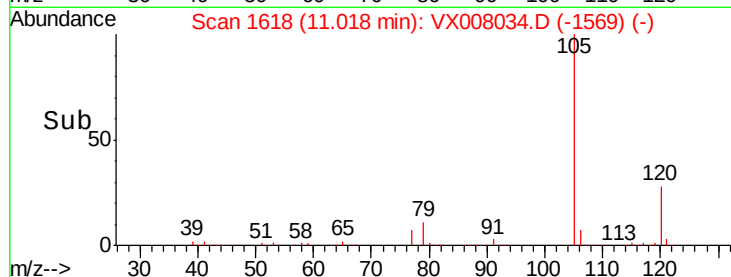
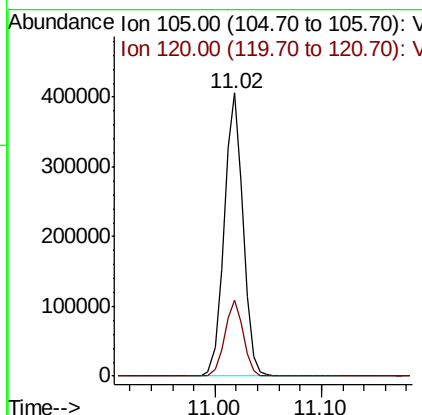
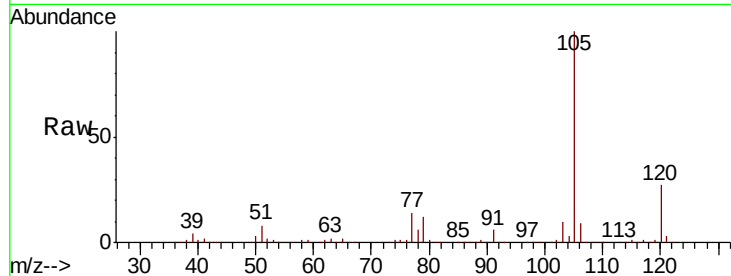
#73  
Isopropylbenzene  
Concen: 49.674 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 105 Resp: 500402  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.1

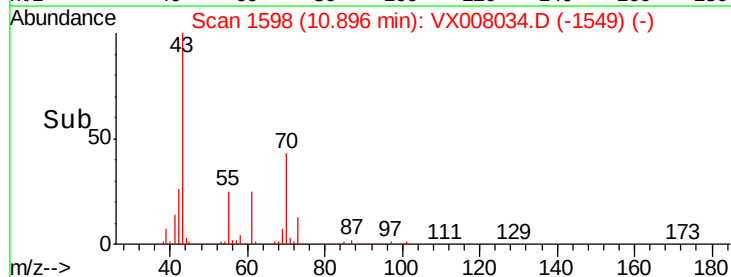
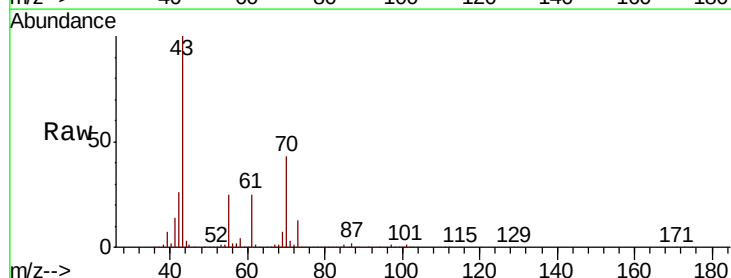
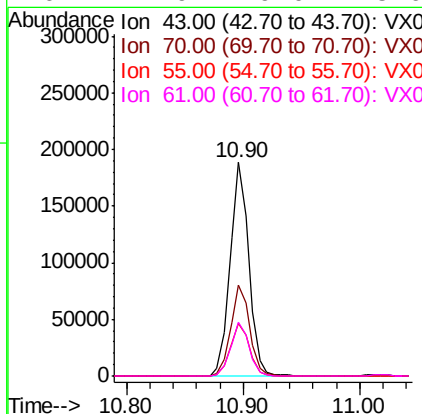
Manual Integrations  
APPROVED

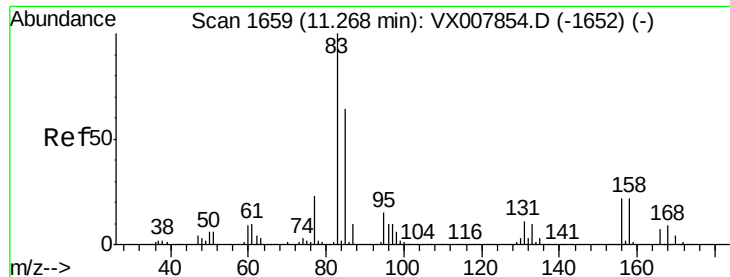
MMDadoda  
3/13/2019 10:14:15 AM



#74  
N-ethyl acetate  
Concen: 45.891 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Tgt Ion: 43 Resp: 211047  
Ion Ratio Lower Upper  
43 100  
70 43.0 33.5 50.3  
55 25.0 19.2 28.8  
61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.256 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 160731  
Ion Ratio Lower Upper

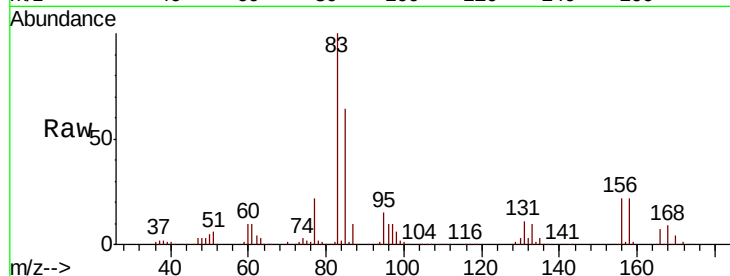
83 100

131 10.7 5.4 16.2

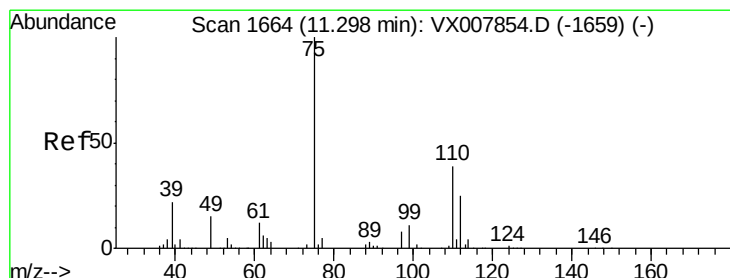
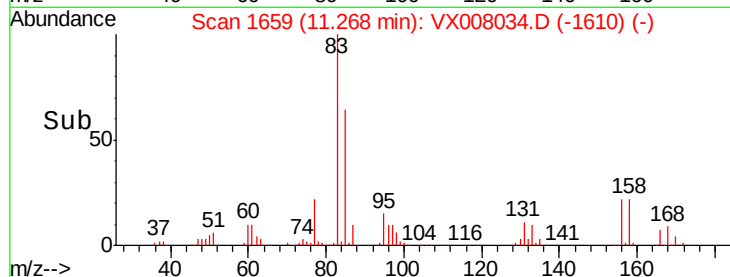
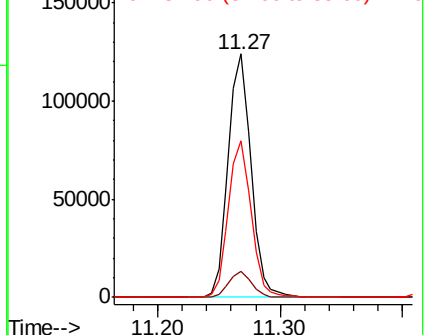
85 64.2 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.721 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

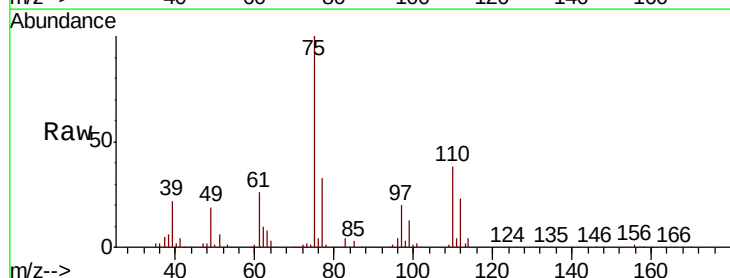
Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

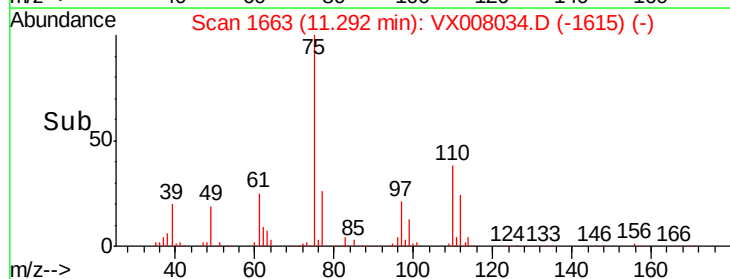
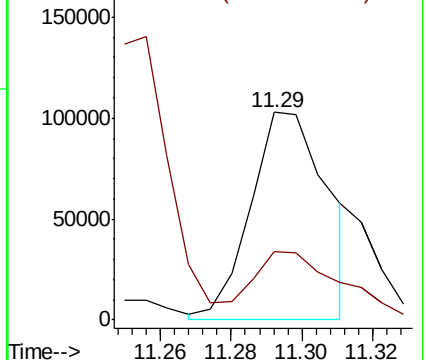
Tgt Ion: 75 Resp: 155408  
Ion Ratio Lower Upper

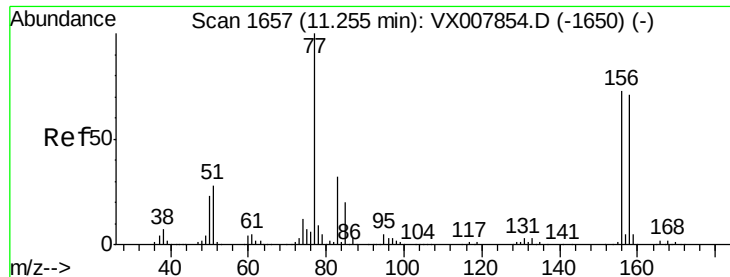
75 100

77 39.3 18.9 56.7



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





#77

Bromobenzene

Concen: 48.165 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

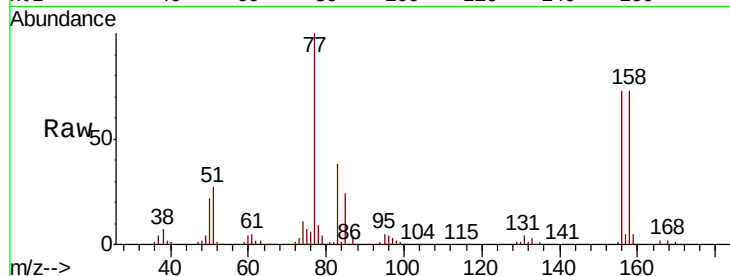
ClientSampleId :

VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 141.6 | 72.0  | 215.9 |
| 158     | 98.7  | 48.6  | 145.9 |

Manual Integrations  
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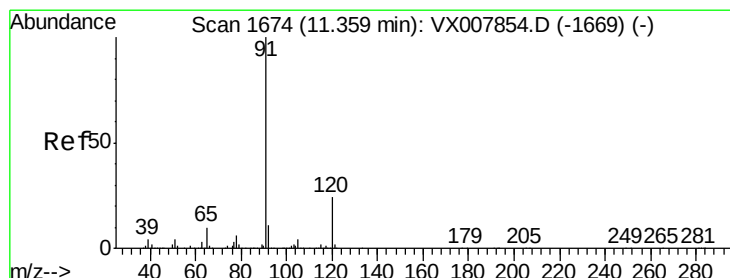
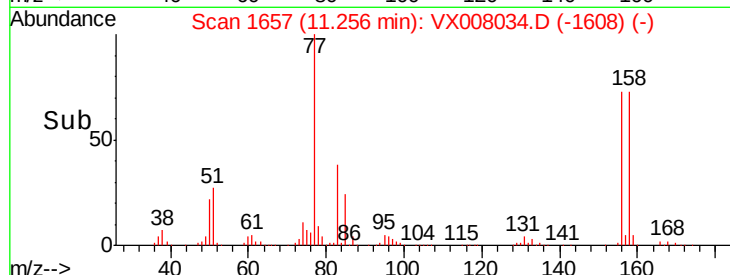
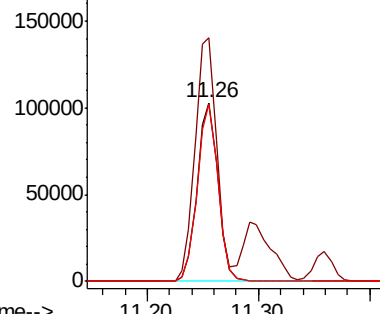
MMDadoda  
3/13/2019 10:14:15 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.439 ug/l

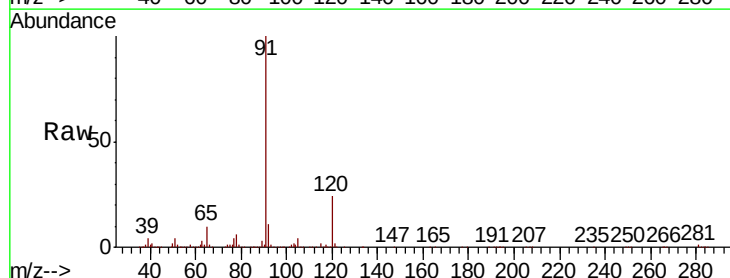
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008034.D

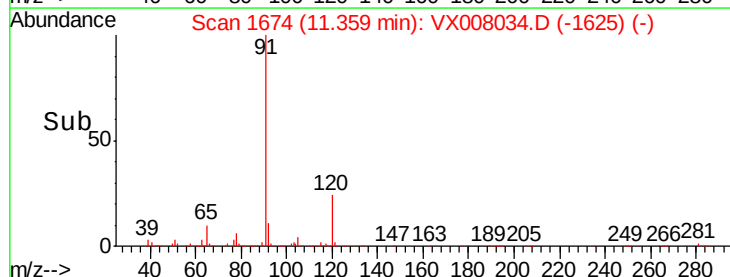
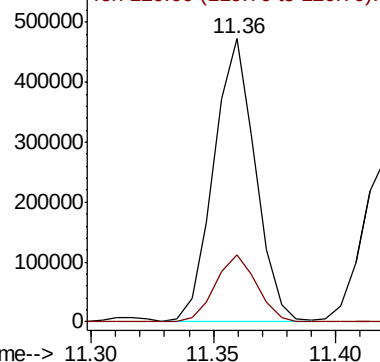
Acq: 12 Mar 2019 23:13

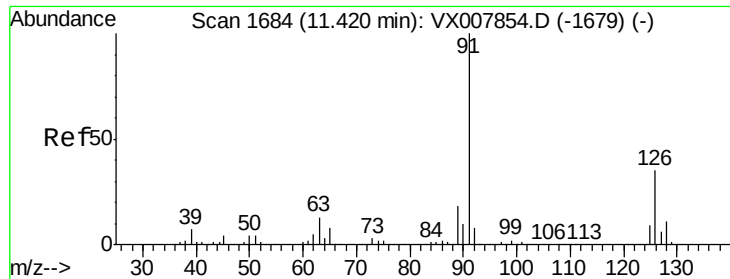
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.9  | 12.0  | 36.0  |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





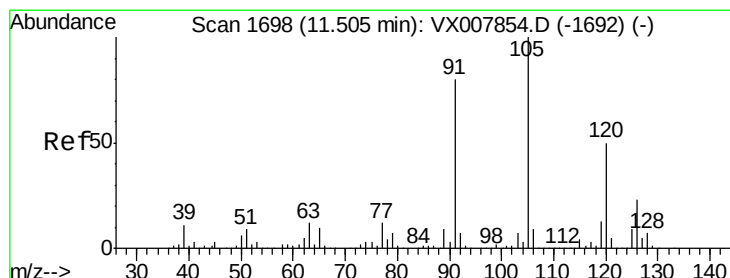
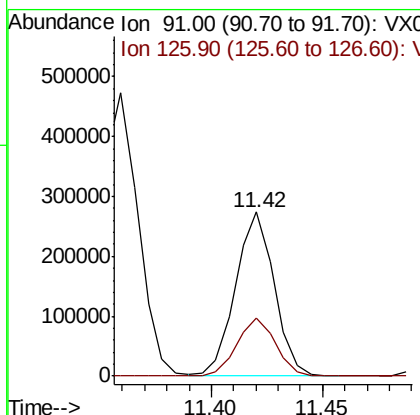
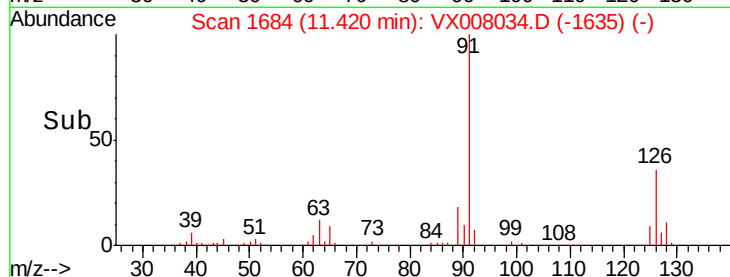
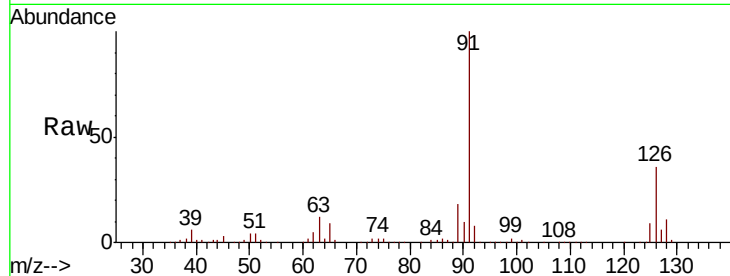
#79  
 2-Chlorotoluene  
 Concen: 48.296 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 91 Resp: 330009  
 Ion Ratio Lower Upper  
 91 100  
 126 35.7 17.5 52.6

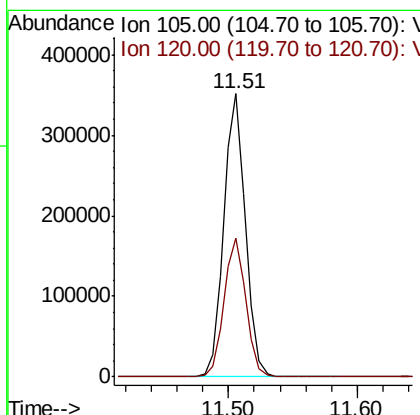
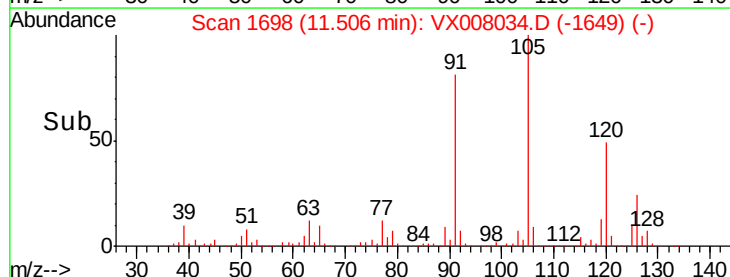
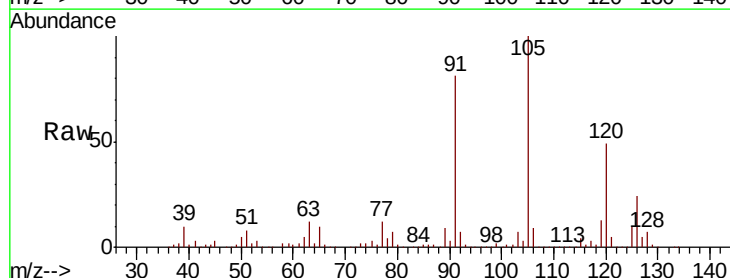
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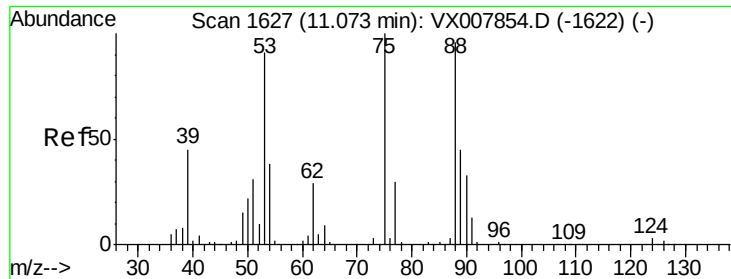
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.924 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Tgt Ion: 105 Resp: 413934  
 Ion Ratio Lower Upper  
 105 100  
 120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.703 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 46645

Ion Ratio Lower Upper

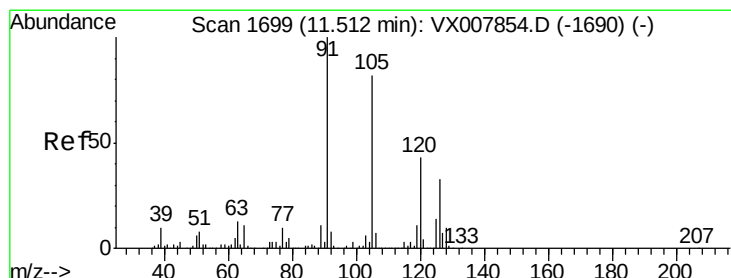
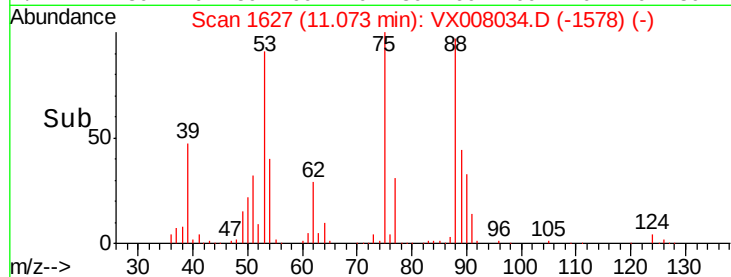
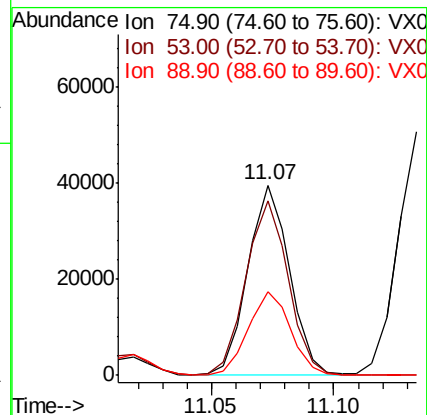
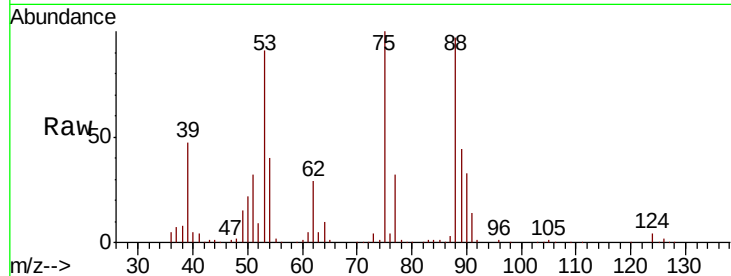
75 100

53 93.4 76.1 114.1

89 44.8 36.3 54.5

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 48.341 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008034.D

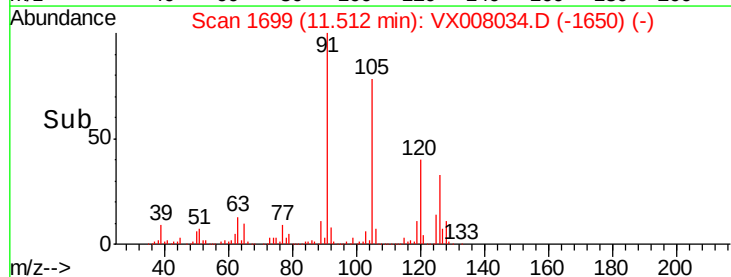
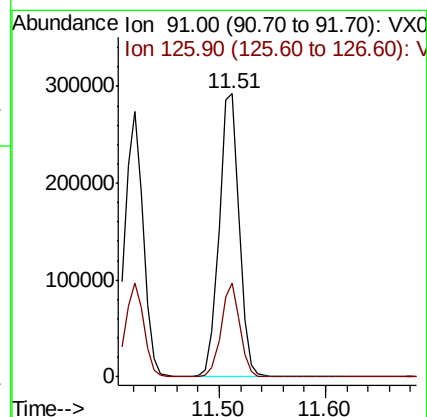
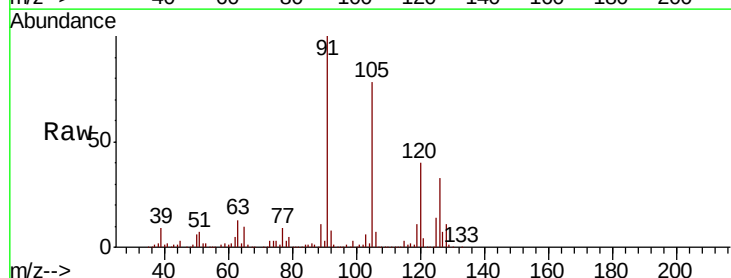
Acq: 12 Mar 2019 23:13

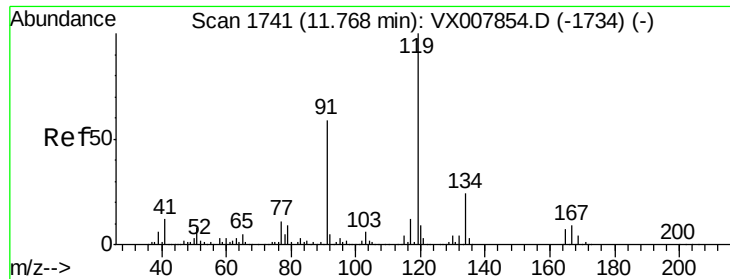
Tgt Ion: 91 Resp: 378542

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8





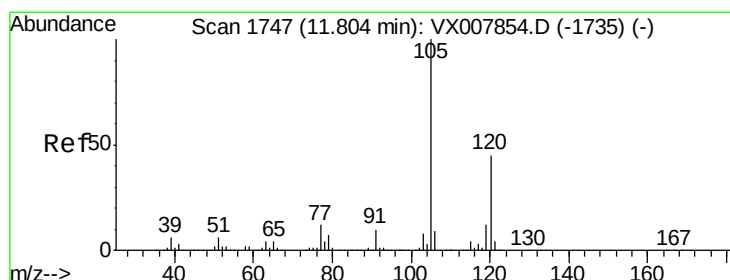
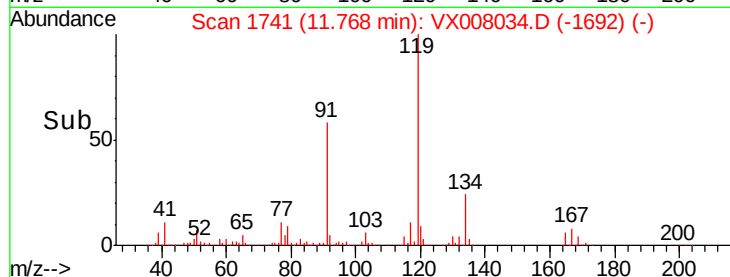
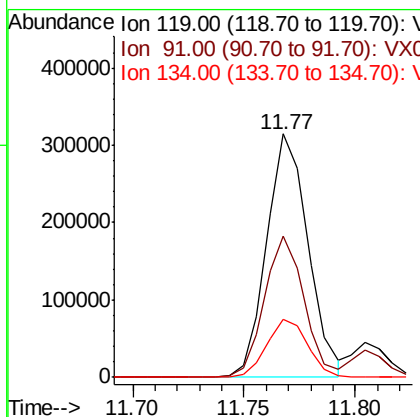
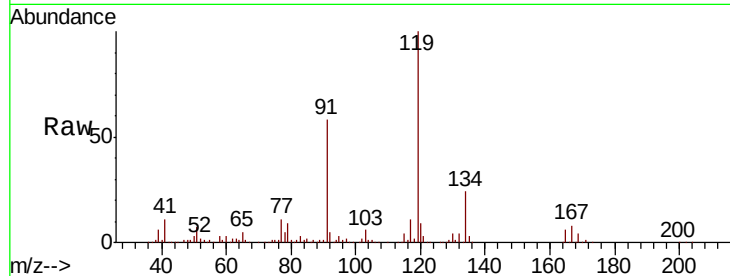
#83  
 tert-Butylbenzene  
 Concen: 48.763 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 407256 |       |       |
| 91      | 55.6  | 27.1   | 81.3  |       |
| 134     | 23.3  | 11.4   | 34.1  |       |

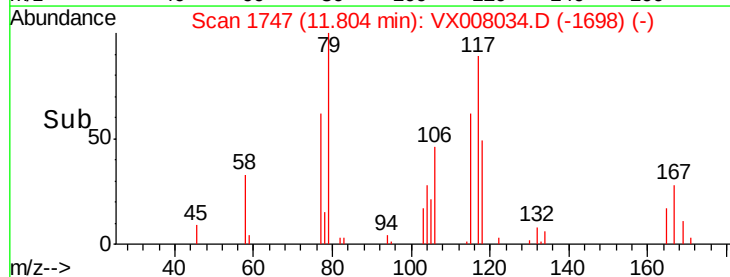
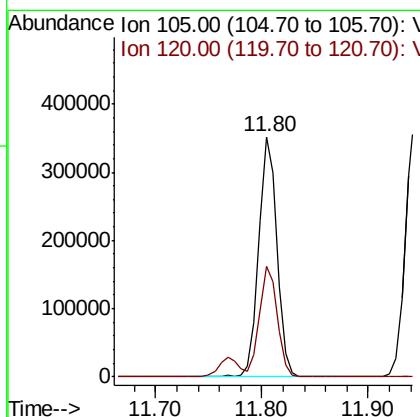
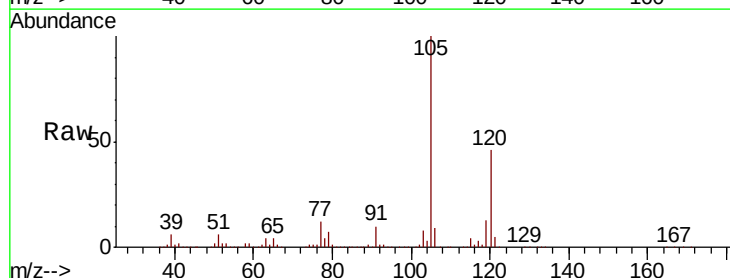
Manual Integrations  
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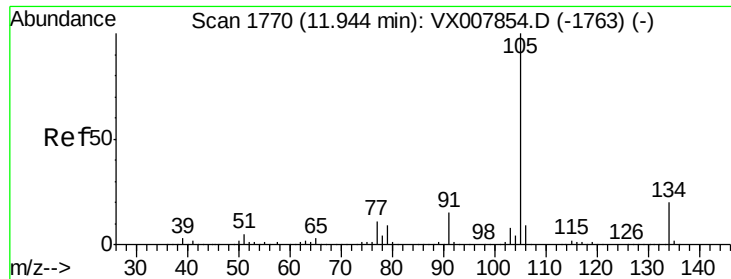
MMDadoda  
 3/13/2019 10:14:15 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.903 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 424156 |       |       |
| 120     | 45.0  | 22.6   | 67.7  |       |





#85

sec-Butylbenzene

Concen: 50.046 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 492262

Ion Ratio Lower Upper

105 100

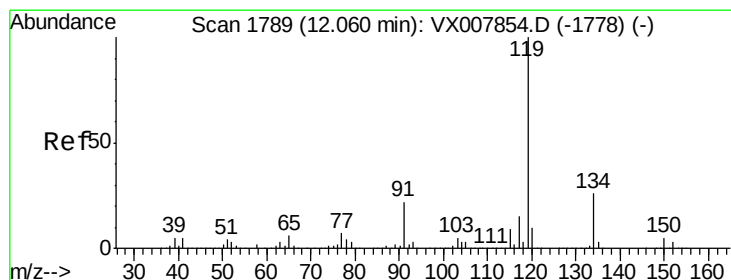
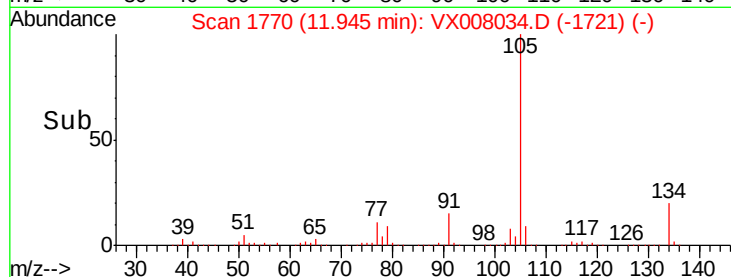
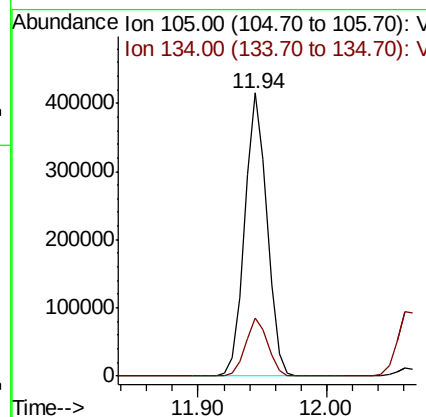
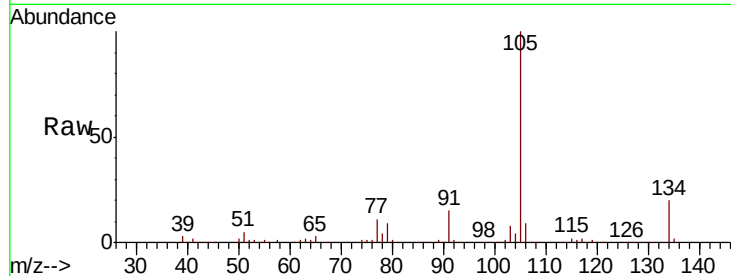
134 20.4 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.175 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

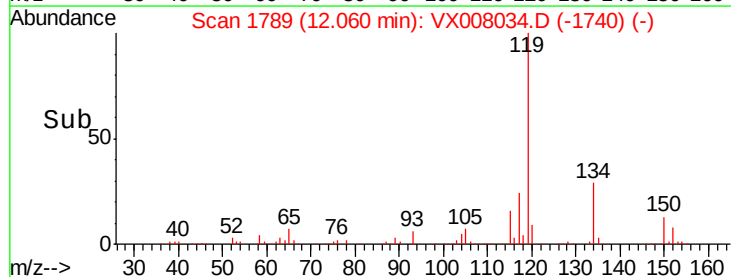
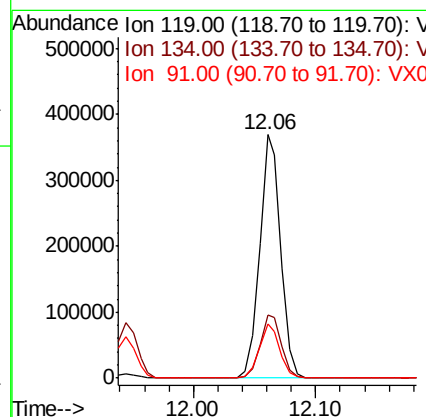
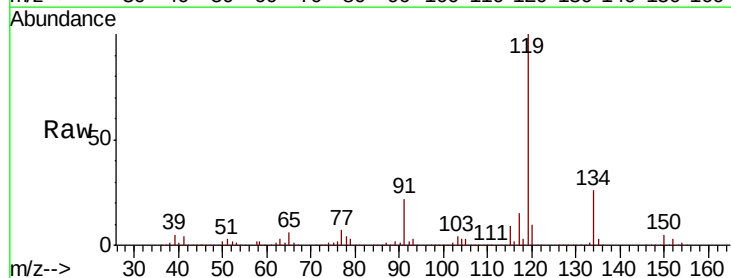
Tgt Ion:119 Resp: 441993

Ion Ratio Lower Upper

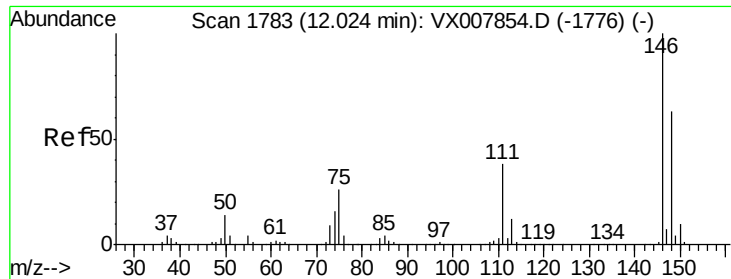
119 100

134 26.4 13.3 39.9

91 21.9 10.9 32.7







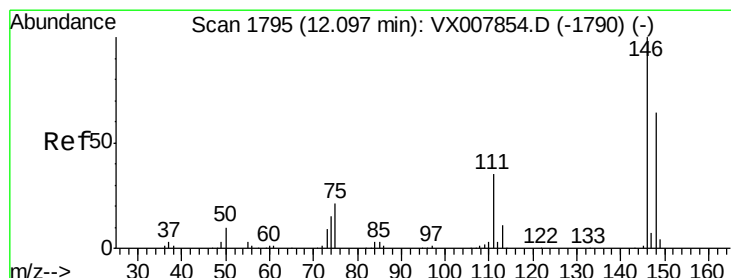
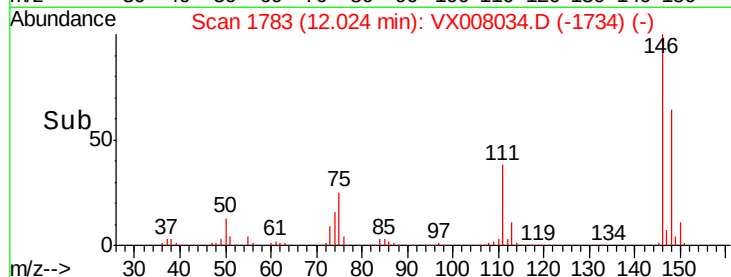
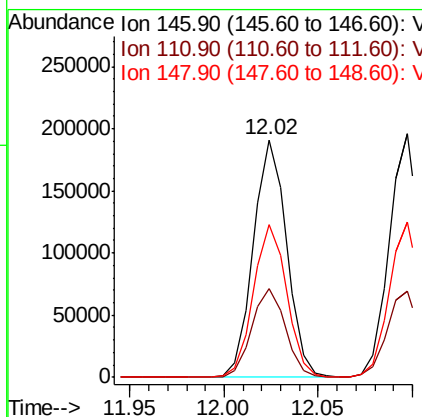
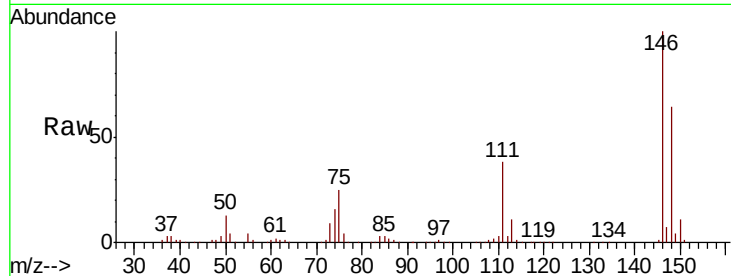
#87  
 1,3-Dichlorobenzene  
 Concen: 48.068 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.9  | 56.7  |
| 148     | 64.1  | 31.7  | 95.1  |

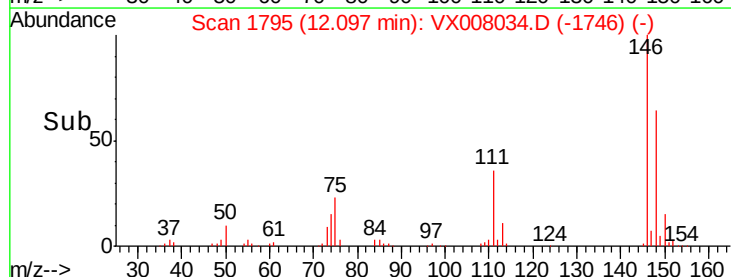
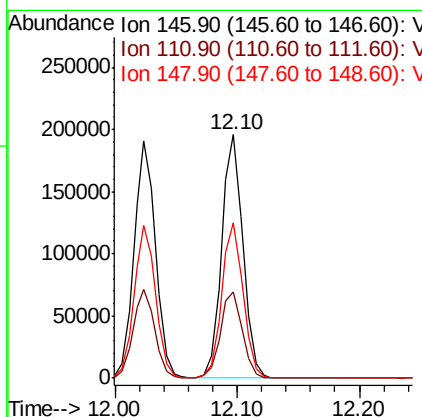
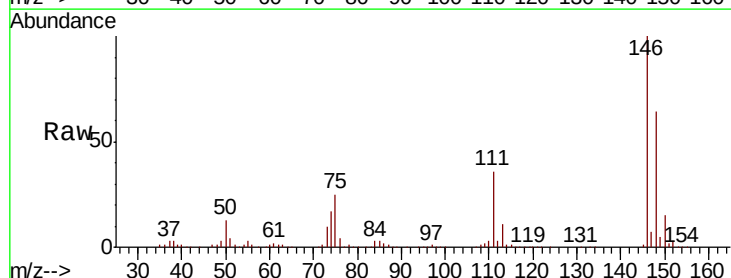
Manual Integrations  
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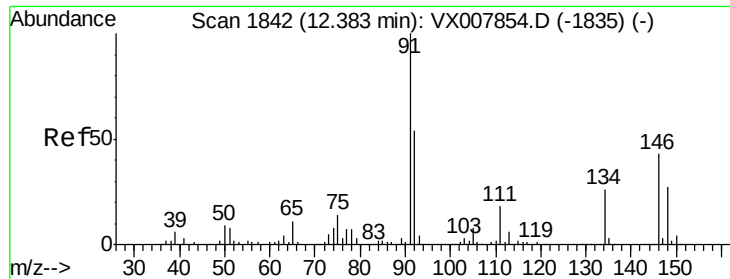
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 47.024 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.9  | 18.4  | 55.0  |
| 148     | 64.3  | 32.2  | 96.6  |





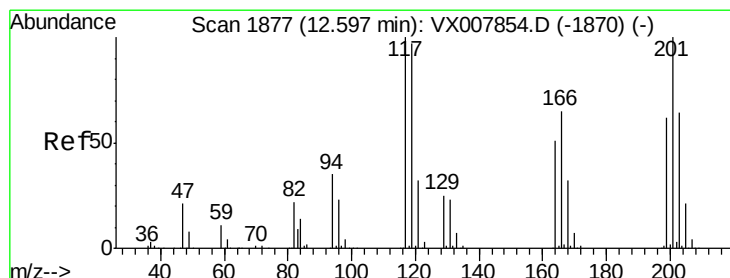
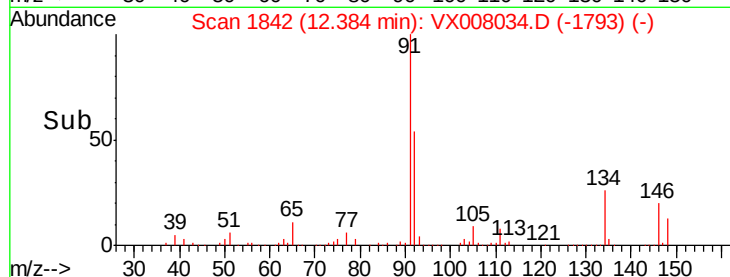
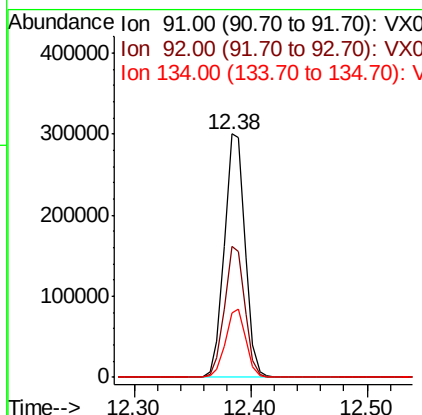
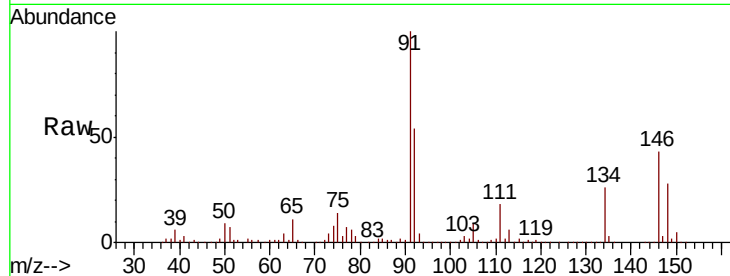
#89  
n-Butylbenzene  
Concen: 49.487 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 369333 |       |       |
| 92      | 52.8  | 27.0   | 80.8  |       |
| 134     | 27.3  | 13.7   | 41.0  |       |

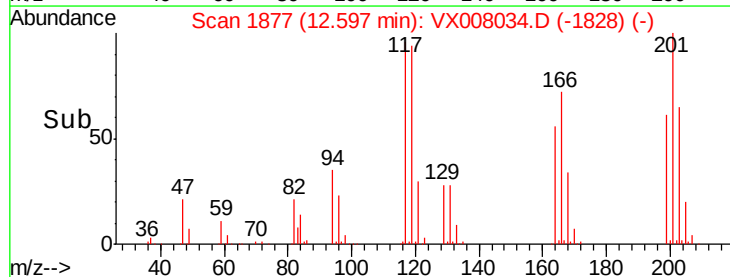
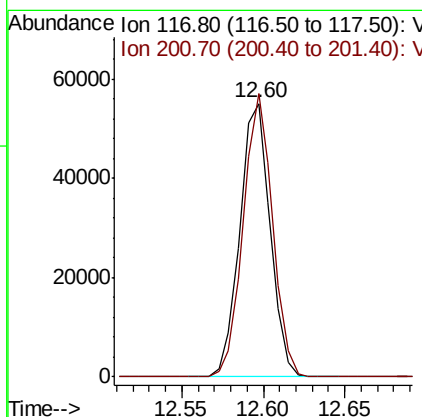
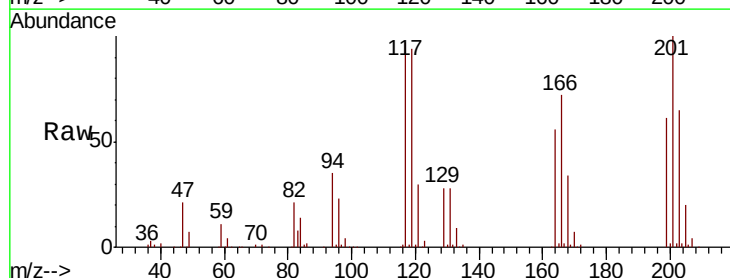
Manual Integrations  
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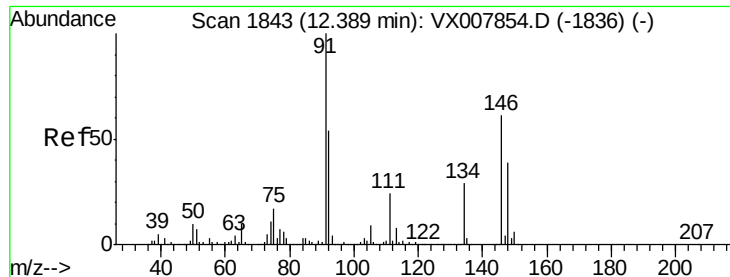
MMDadoda  
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#90  
Hexachloroethane  
Concen: 48.495 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 71425 |       |       |
| 201     | 100.1 | 48.9  | 146.7 |       |





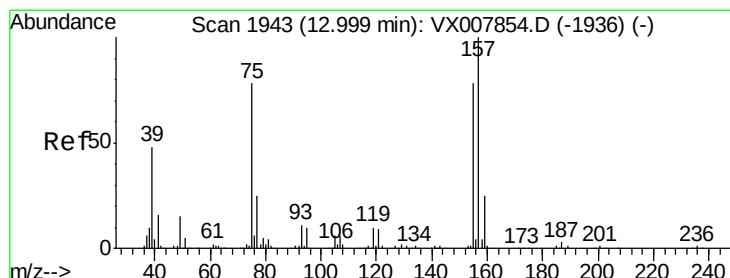
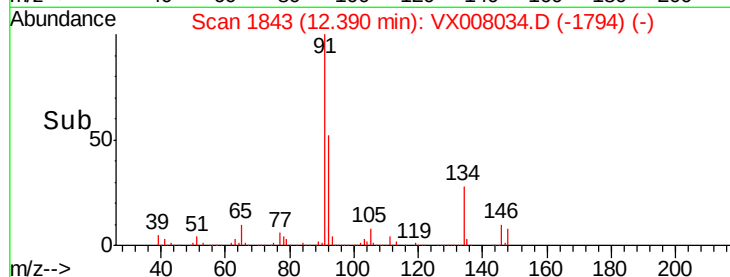
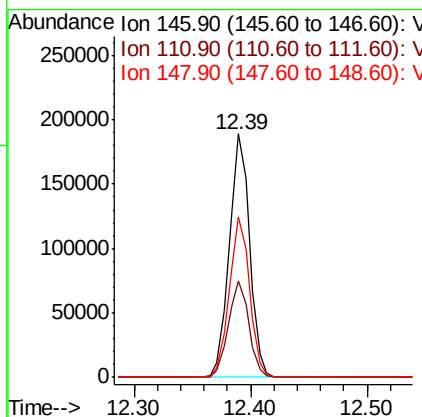
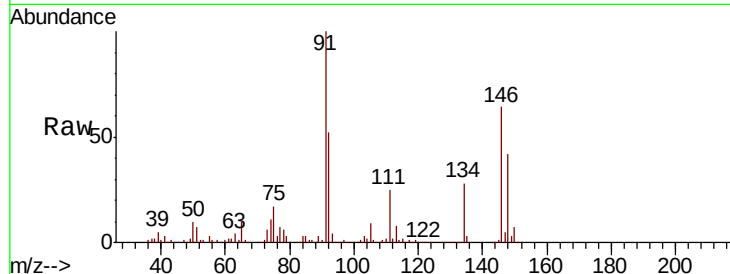
#91  
 1,2-Dichlorobenzene  
 Concen: 47.405 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 19.6  | 58.8  |
| 148     | 65.6  | 31.9  | 95.5  |

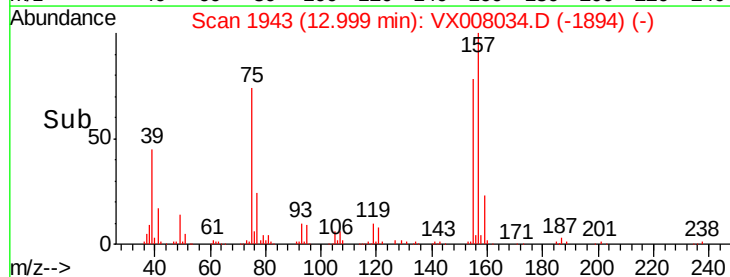
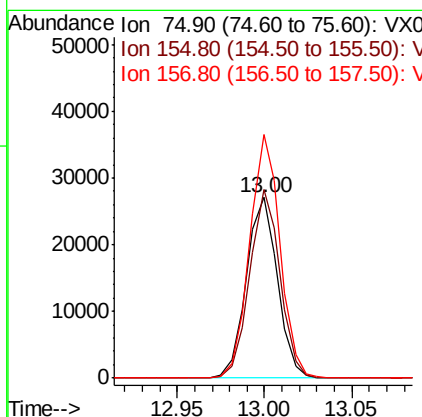
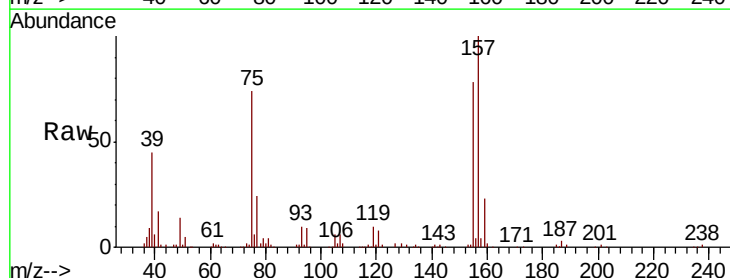
Manual Integrations  
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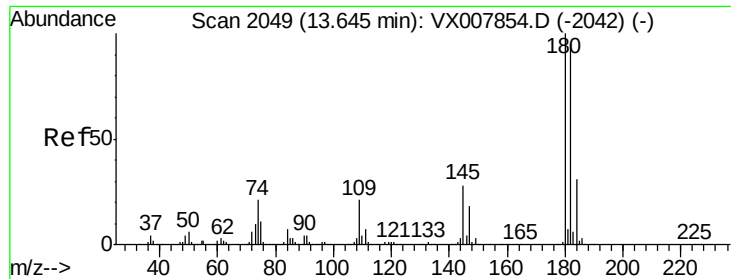
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.957 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX008034.D  
 Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 101.7 | 49.7  | 149.1 |
| 157     | 131.8 | 63.8  | 191.4 |





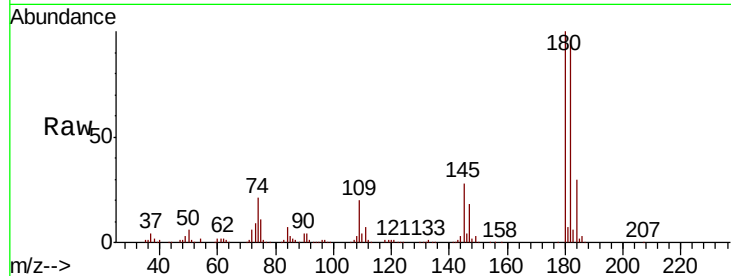
#93  
1,2,4-Trichlorobenzene  
Concen: 48.162 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 164227 |       |       |
| 182     | 95.7  | 47.9   | 143.7 |       |
| 145     | 28.2  | 14.1   | 42.4  |       |

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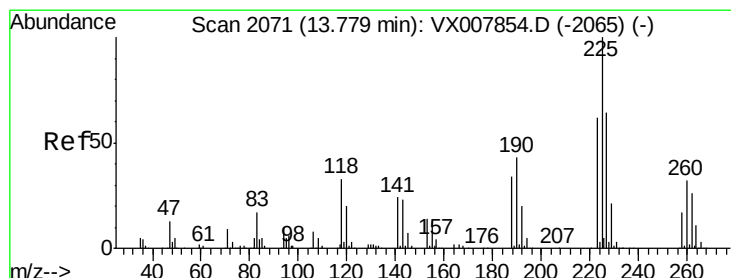
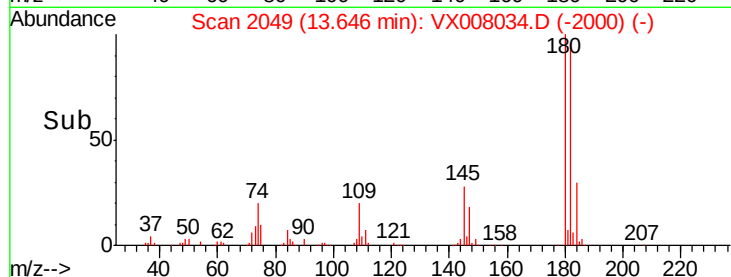
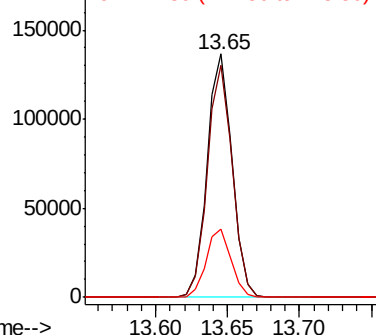


Abundance

Ion 179.80 (179.50 to 180.50): V

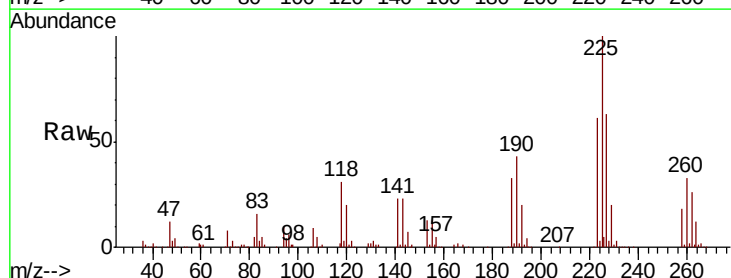
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
Hexachlorobutadiene  
Concen: 49.162 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 87645 |       |       |
| 223     | 61.9  | 31.1  | 93.2  |       |
| 227     | 64.1  | 32.0  | 96.0  |       |

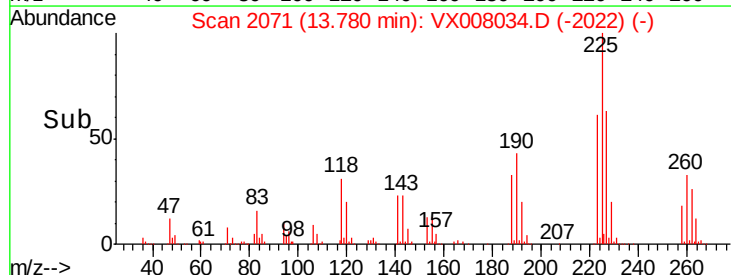
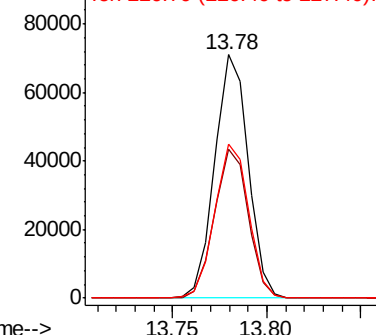


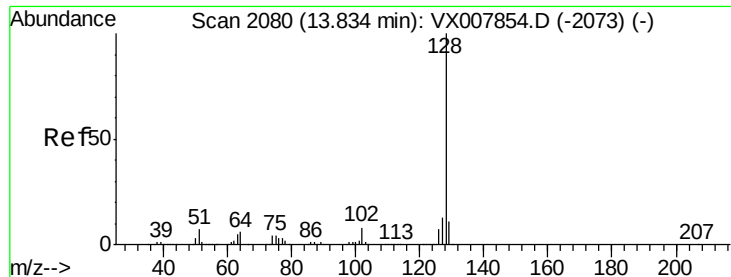
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





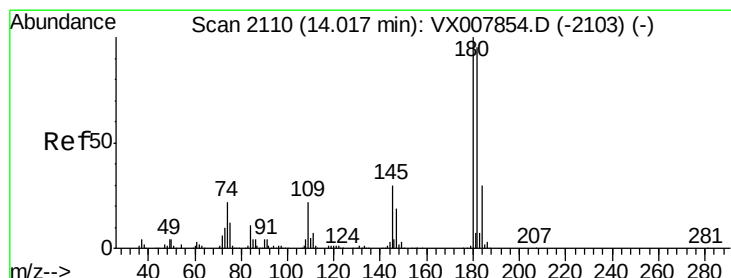
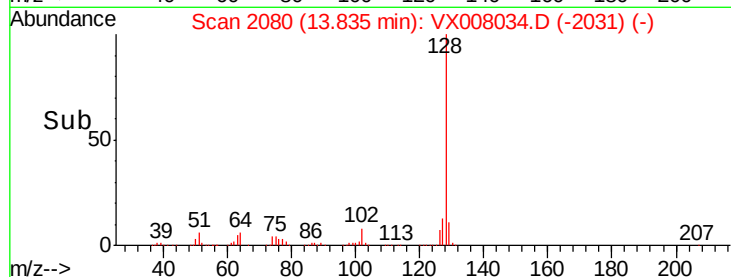
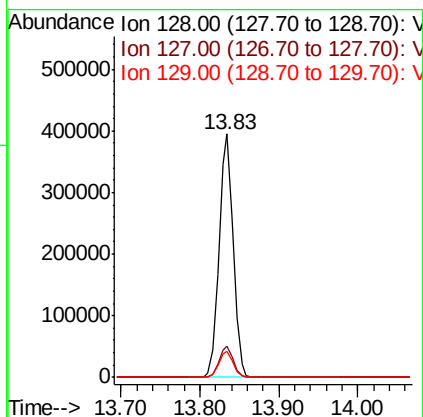
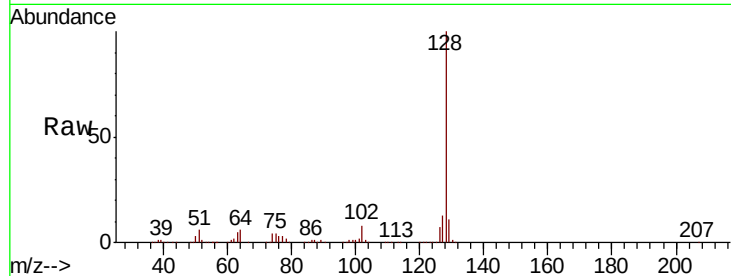
#95  
Naphthalene  
Concen: 50.062 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 491866 |       |       |
| 127     | 12.7  | 10.3   | 15.5  |       |
| 129     | 10.9  | 8.7    | 13.1  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.555 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX008034.D  
Acq: 12 Mar 2019 23:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 164936 |       |       |
| 182     | 96.9  | 47.5   | 142.5 |       |
| 145     | 30.4  | 14.8   | 44.3  |       |

