

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\  
 Data File : VX013354.D  
 Acq On : 08 Nov 2019 11:06  
 Operator : JC/SP  
 Sample : VX1108WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/11/2019 3:34:16 PM

Quant Time: Nov 11 03:21:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 07:06:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 848737   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 1270799  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 1142322  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 580298   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 489944   | 48.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.46%  |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 406855   | 51.04 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.08% |      |
| 50) Toluene-d8            | 8.71   | 98  | 1568465  | 52.20 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.40% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 561980   | 51.82 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.64% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 211816  | 21.660  | ug/l | 98     |
| 3) Chloromethane              | 1.31 | 50  | 228594  | 21.556  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 262830  | 21.770  | ug/l | 98     |
| 5) Bromomethane               | 1.62 | 94  | 156332  | 18.581  | ug/l | 97     |
| 6) Chloroethane               | 1.72 | 64  | 147648  | 20.695  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 290405  | 20.359  | ug/l | 97     |
| 8) Diethyl Ether              | 2.17 | 74  | 132448  | 20.998  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 181566  | 22.838  | ug/l | 100    |
| 10) Methyl Iodide             | 2.50 | 142 | 195667  | 19.879  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.02 | 59  | 226806  | 85.580  | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 175962  | 22.602  | ug/l | 98     |
| 13) Acrolein                  | 2.28 | 56  | 137154  | 95.489  | ug/l | 100    |
| 14) Allyl chloride            | 2.72 | 41  | 316518  | 22.376  | ug/l | 97     |
| 15) Acrylonitrile             | 3.12 | 53  | 522310  | 105.507 | ug/l | 98     |
| 16) Acetone                   | 2.42 | 43  | 503903  | 100.473 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.56 | 76  | 456306  | 21.898  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 293801  | 21.219  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 600686  | 23.133  | ug/l | 97     |
| 20) Methylene Chloride        | 2.84 | 84  | 199045  | 21.480  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 187128  | 22.075  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.84 | 45  | 641999  | 23.508  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.80 | 43  | 2610843 | 111.723 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.68 | 63  | 341208  | 22.334  | ug/l | 99     |
| 25) 2-Butanone                | 4.65 | 43  | 750569  | 102.014 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 285870  | 23.522  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 217873  | 22.944  | ug/l | 100    |
| 28) Bromochloromethane        | 5.00 | 49  | 99946   | 23.041  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.11 | 42  | 463859  | 102.306 | ug/l | 100    |
| 30) Chloroform                | 5.19 | 83  | 340003  | 22.538  | ug/l | 100    |
| 31) Cyclohexane               | 5.56 | 56  | 308657  | 22.453  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 292156  | 22.504  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.78 | 75  | 256819  | 23.557  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.81 | 43  | 281005  | 20.860  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 248551  | 23.315  | ug/l | 97     |

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 Sample : VX1108WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1108WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/11/2019 3:34:16 PM

Quant Time: Nov 11 03:21:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 07:06:38 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 314750   | 23.171  | ug/l  | 100      |
| 40) Benzene                    | 6.13  | 78   | 774338   | 22.802  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.02  | 41   | 162047   | 21.462  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 274654   | 22.422  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 459317   | 21.896  | ug/l  | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 212813   | 22.766  | ug/l  | 96       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 200440   | 23.165  | ug/l  | 98       |
| 46) Dibromomethane             | 7.65  | 93   | 131354   | 22.234  | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.89  | 83   | 260886   | 23.418  | ug/l  | 96       |
| 48) Methyl methacrylate        | 7.76  | 41   | 229333   | 21.901  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 94009    | 392.029 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 1445729  | 105.047 | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 489874   | 23.275  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 288771   | 23.705  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 318303   | 23.359  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 201095   | 23.051  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 309136   | 21.670  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 336972   | 22.754  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 652242   | 109.344 | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 1127532  | 106.016 | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 209864   | 23.521  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 207699   | 22.421  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 194762   | 23.817  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 529494   | 22.895  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 197671   | 23.278  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 938575   | 23.515  | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 717626   | 47.540  | ug/l  | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 346581   | 23.451  | ug/l  | 100      |
| 70) Styrene                    | 10.71 | 104  | 590608   | 23.907  | ug/l  | 98       |
| 71) Bromoform                  | 10.85 | 173  | 157788   | 21.960  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 925276   | 24.049  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 411314   | 23.054  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 310156   | 22.097  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 256506m  | 21.762  | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 239772   | 23.377  | ug/l  | 98       |
| 78) n-propylbenzene            | 11.35 | 91   | 1051120  | 24.525  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 622255   | 24.098  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 784675   | 24.485  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 101214   | 22.103  | ug/l  | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 710741   | 23.513  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 789740   | 24.480  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 782355   | 24.336  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 906916   | 24.461  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 832271   | 24.377  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 432937   | 23.680  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 424784   | 22.804  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 715331   | 24.012  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 144432   | 23.744  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 426025   | 23.311  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 66680    | 19.499  | ug/l  | 98       |

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Sample : VX1108WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

Manual Integrations  
APPROVED

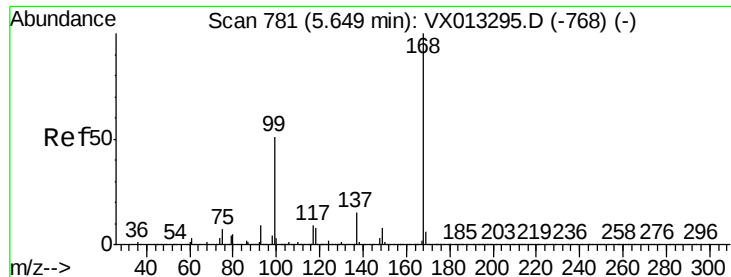
MMDadoda  
11/11/2019 3:34:16 PM

Quant Time: Nov 11 03:21:33 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 02 07:06:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 296967   | 23.295 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 144792   | 23.216 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 883652   | 22.093 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 298180   | 23.323 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion:168 Resp: 848737

Ion Ratio Lower Upper

168 100

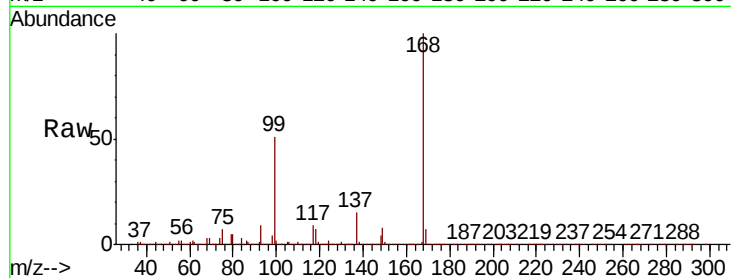
99 50.5 40.8 61.2

Manual Integrations

APPROVED

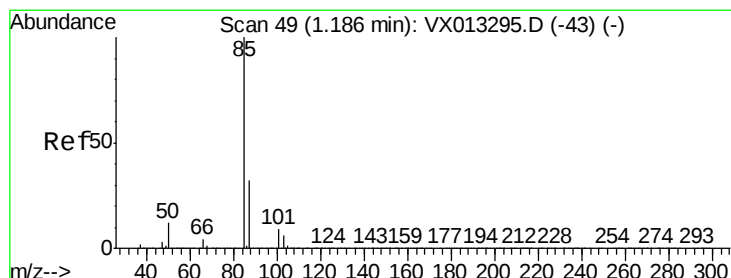
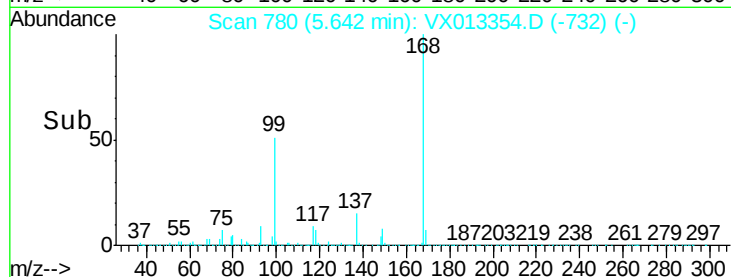
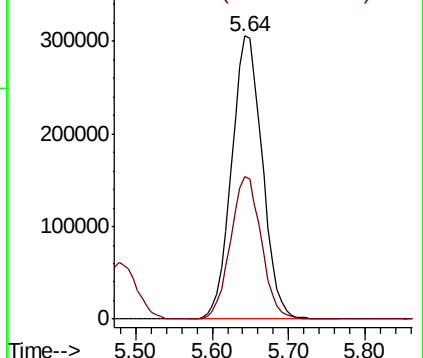
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.660 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013354.D

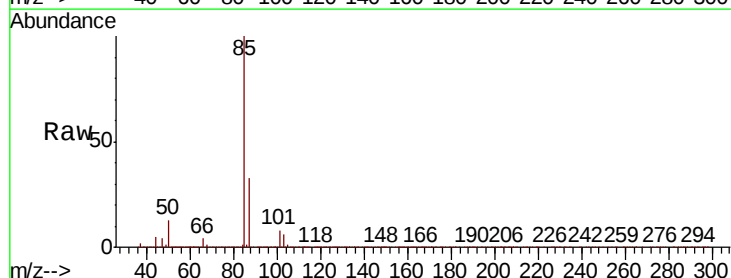
Acq: 08 Nov 2019 11:06

Tgt Ion: 85 Resp: 211816

Ion Ratio Lower Upper

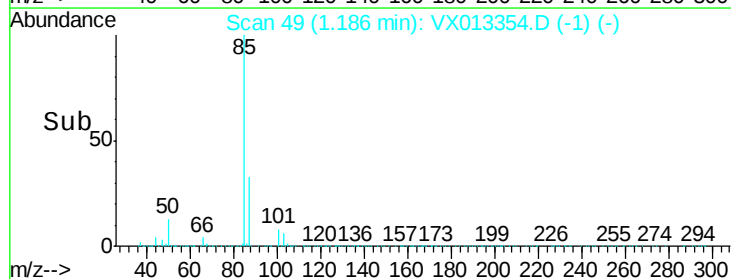
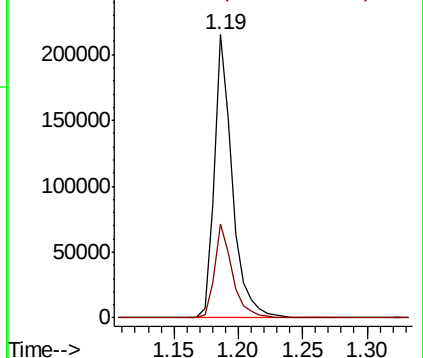
85 100

87 33.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.556 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 50 Resp: 228594

Ion Ratio Lower Upper

50 100

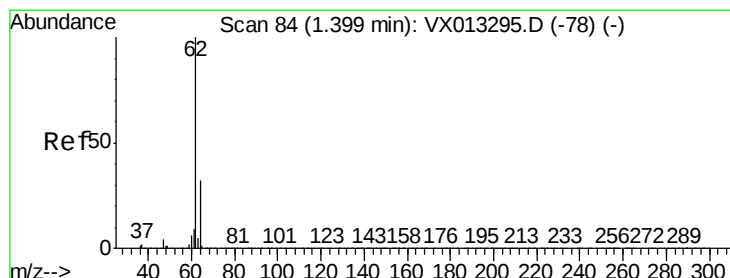
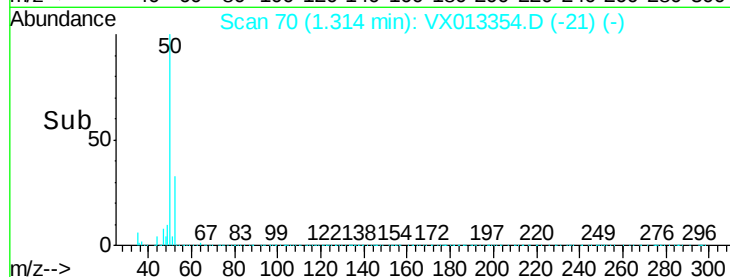
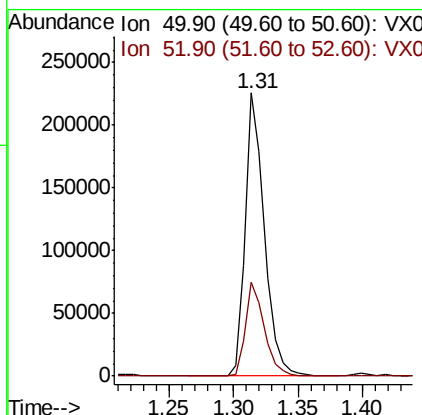
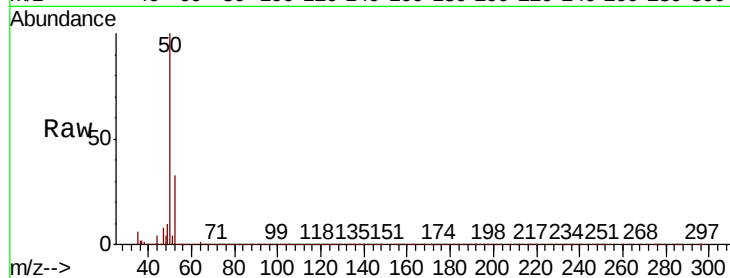
52 33.0 25.5 38.3

Manual Integrations

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11/11/2019 3:34:16 PM



#4

Vinyl Chloride

Concen: 21.770 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013354.D

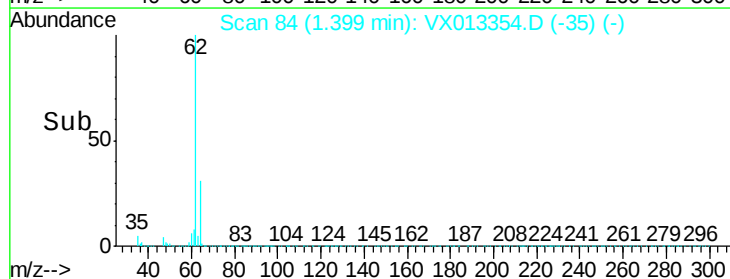
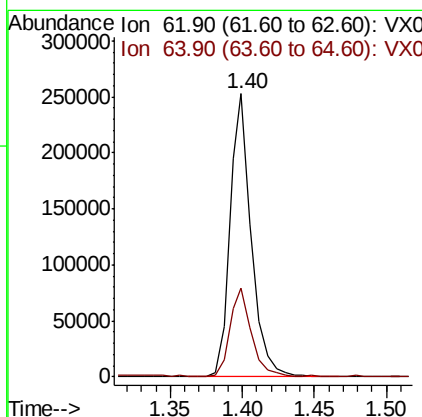
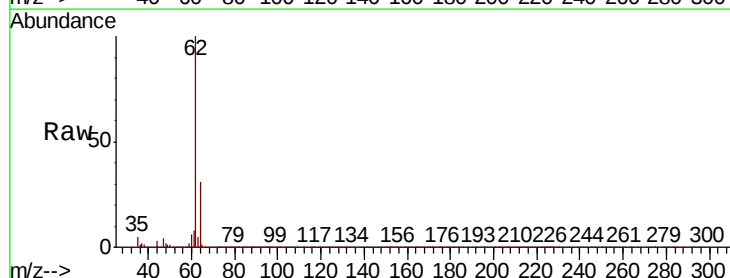
Acq: 08 Nov 2019 11:06

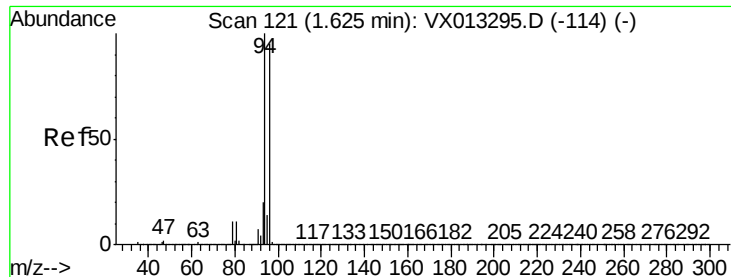
Tgt Ion: 62 Resp: 262830

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 18.581 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 94 Resp: 156332

Ion Ratio Lower Upper

94 100

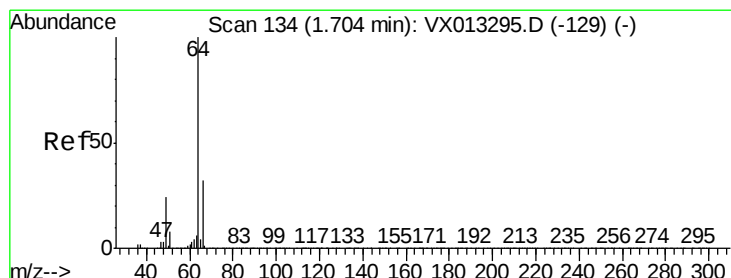
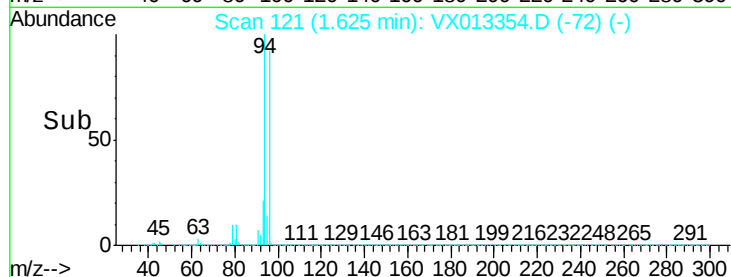
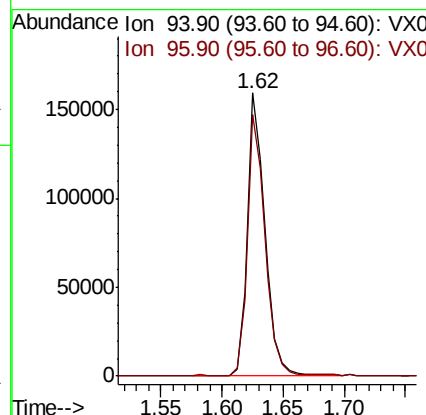
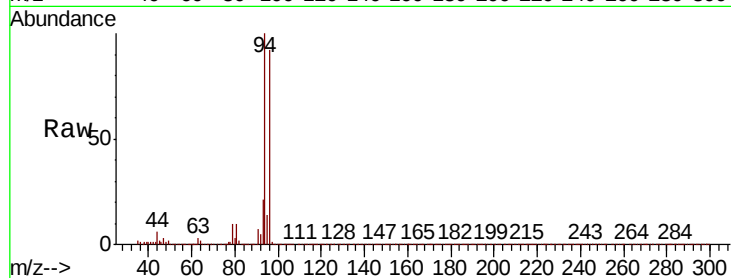
96 92.3 75.8 113.8

Manual Integrations

APPROVED

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11/11/2019 3:34:16 PM



#6

Chloroethane

Concen: 20.695 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013354.D

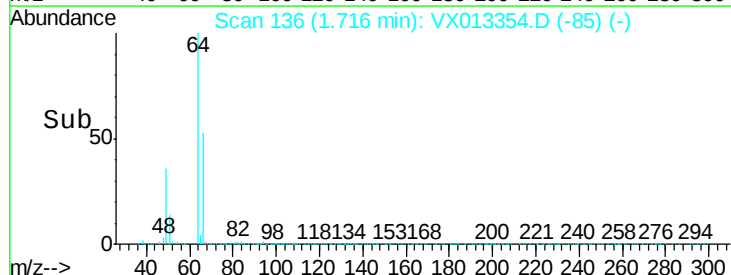
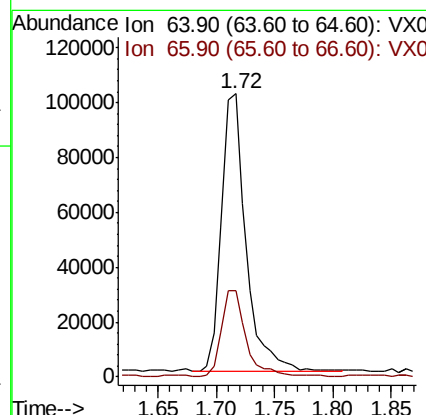
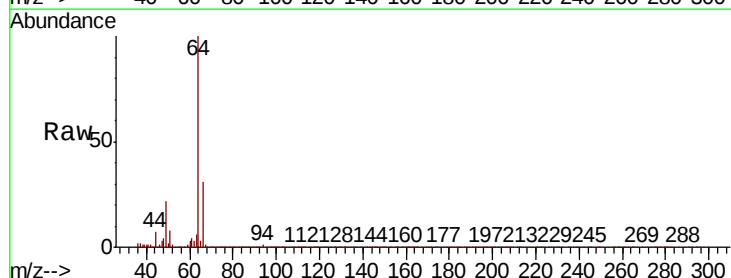
Acq: 08 Nov 2019 11:06

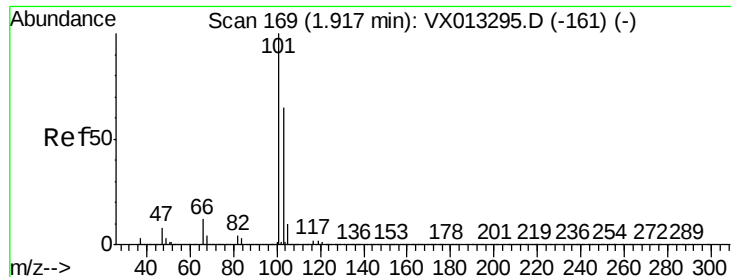
Tgt Ion: 64 Resp: 147648

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4





#7

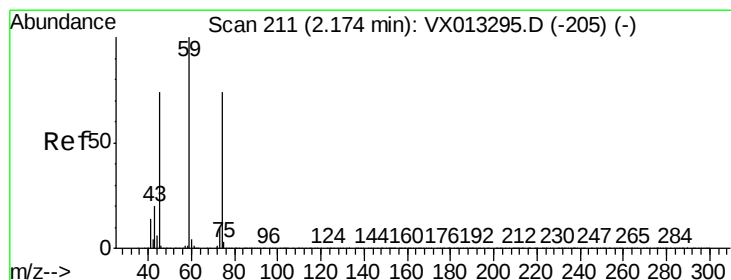
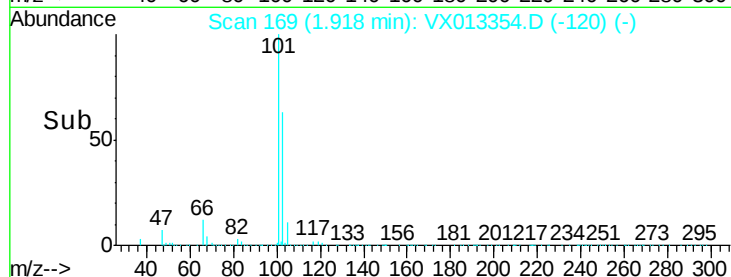
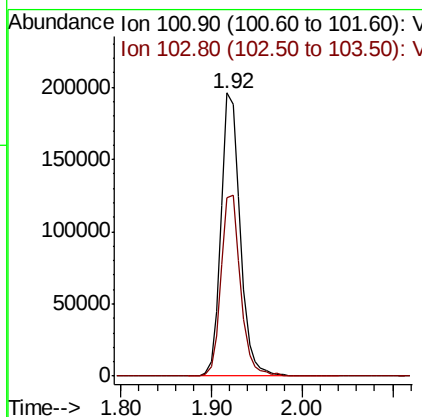
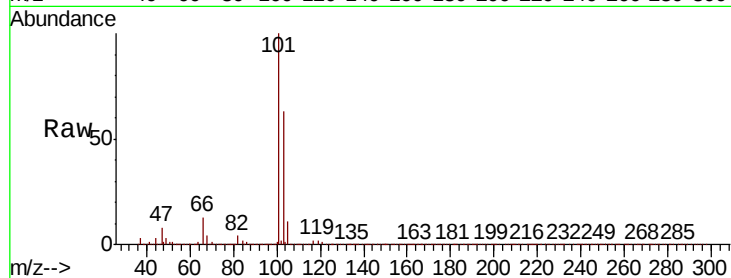
Trichlorofluoromethane  
Concen: 20.359 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.8  | 52.3  | 78.5  |

Manual Integrations  
APPROVED

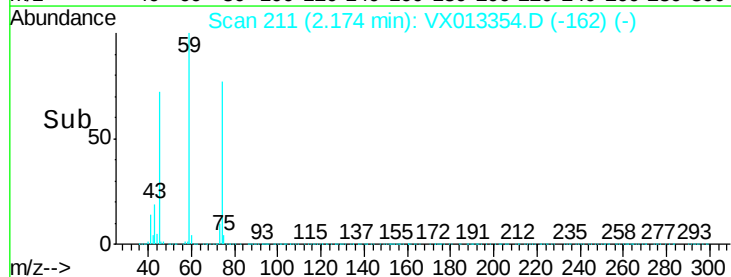
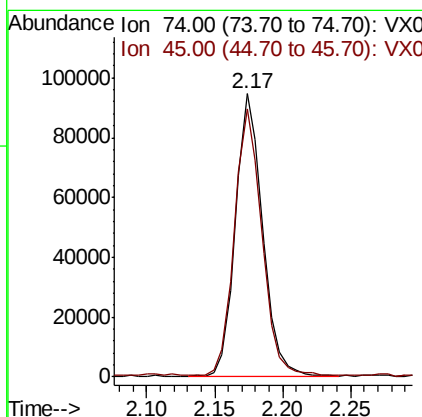
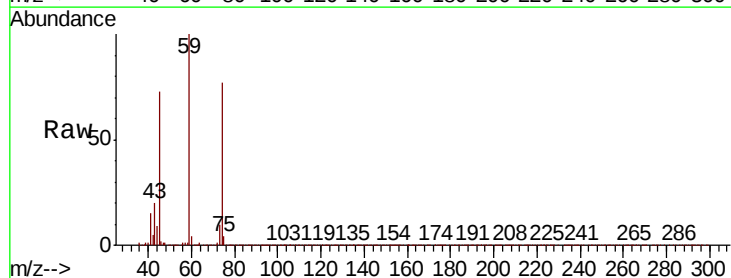
MMDadoda  
11/11/2019 3:34:16 PM

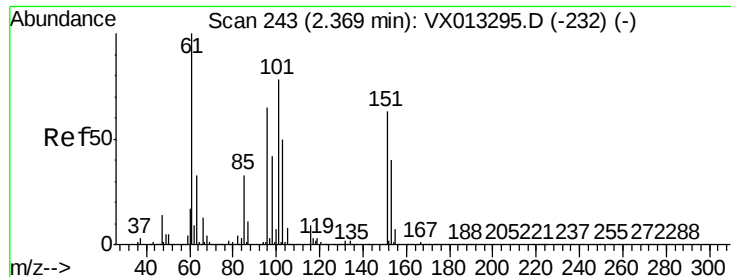


#8

Diethyl Ether  
Concen: 20.998 ug/l  
RT: 2.17 min Scan# 211  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.0  | 48.5  | 145.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.838 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

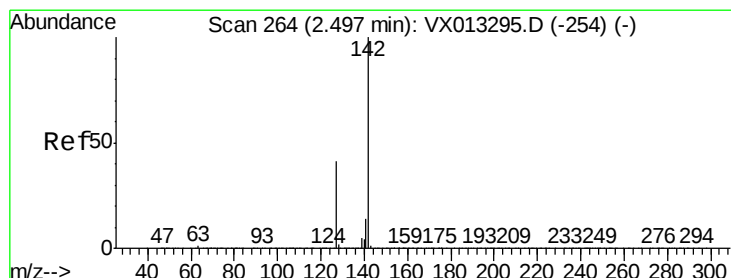
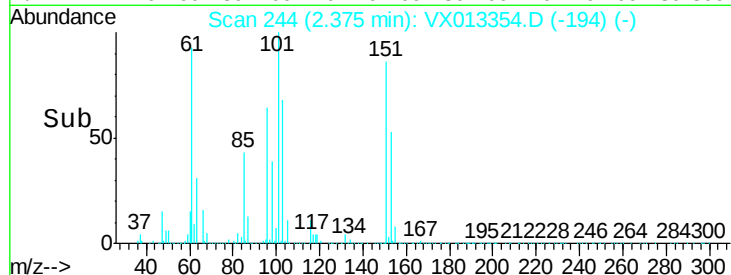
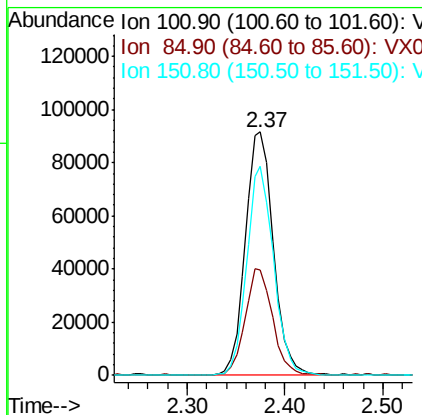
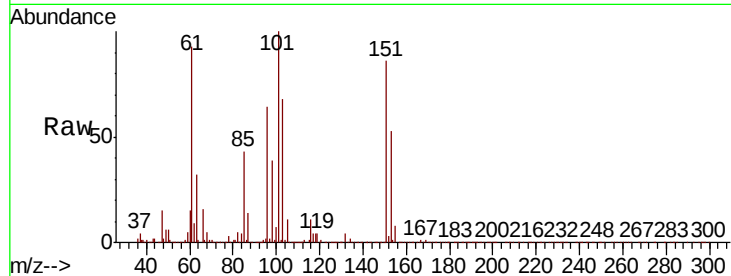
ClientSampleId :

VX1108WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 181566 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.4  | 34.4  | 51.6   |
| 151       | 82.8  | 66.4  | 99.6   |

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11/11/2019 3:34:16 PM



#10

Methyl Iodide

Concen: 19.879 ug/l

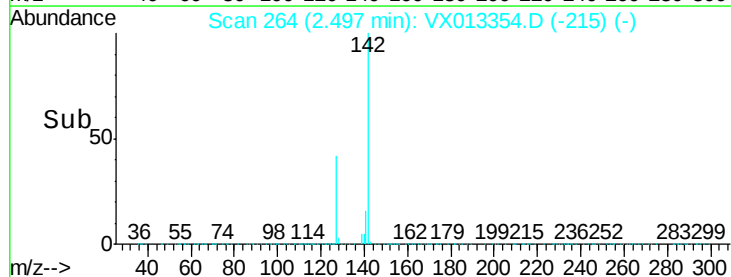
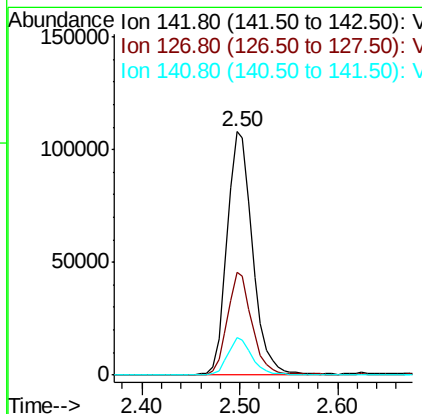
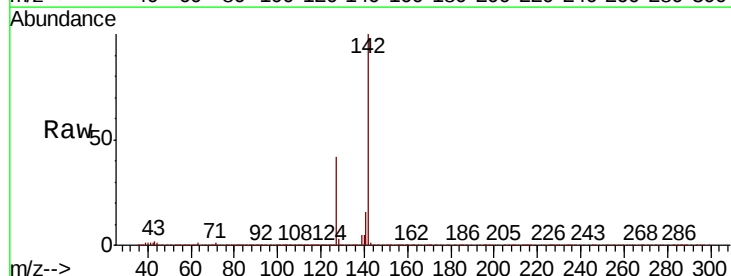
RT: 2.50 min Scan# 264

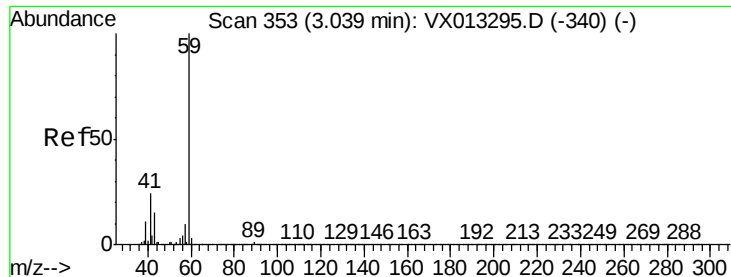
Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 195667 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.0  | 32.6  | 49.0   |
| 141       | 14.5  | 11.6  | 17.4   |





#11

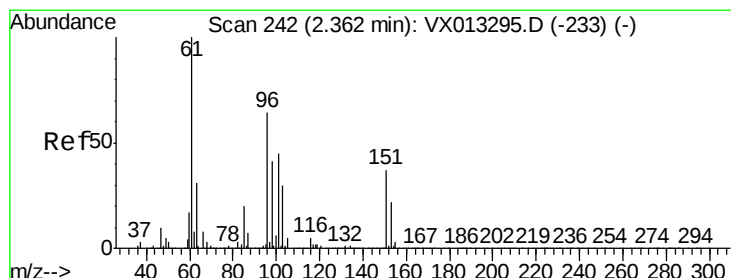
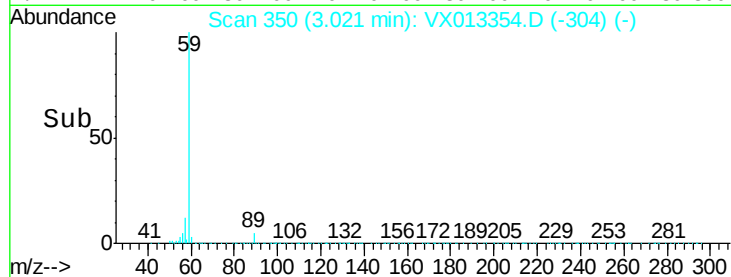
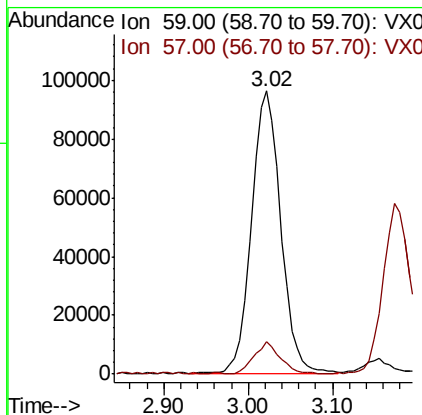
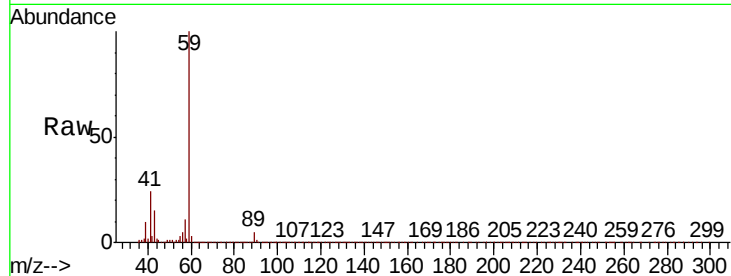
Tert butyl alcohol  
Concen: 85.580 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.02 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.5   | 8.0   | 12.0  |

Manual Integrations  
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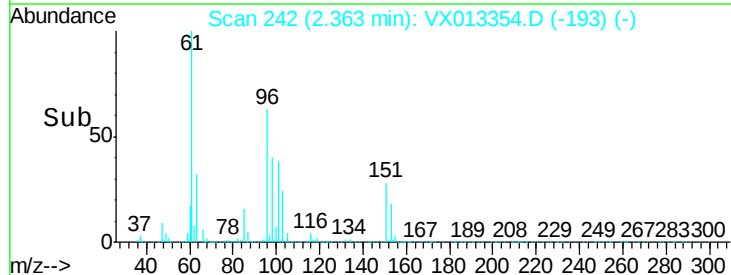
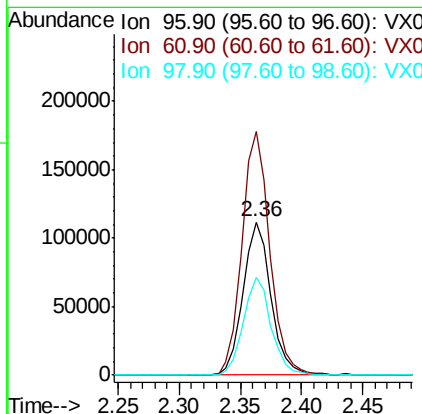
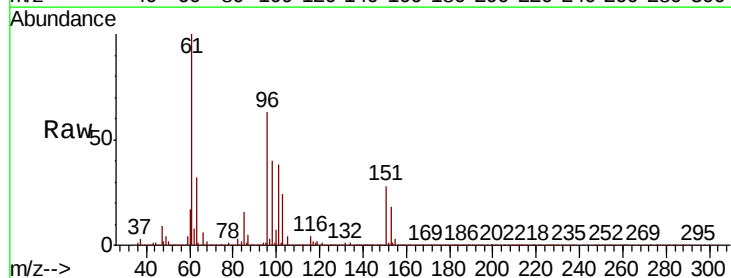
MMDadoda  
11/11/2019 3:34:16 PM

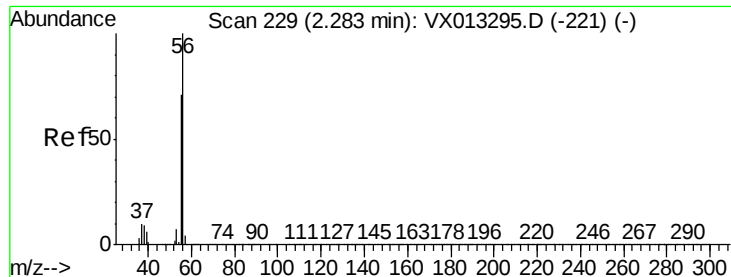


#12

1,1-Dichloroethene  
Concen: 22.602 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 158.9 | 125.0 | 187.6 |
| 98      | 64.1  | 50.7  | 76.1  |





#13

Acrolein

Concen: 95.489 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 56 Resp: 137154

Ion Ratio Lower Upper

56 100

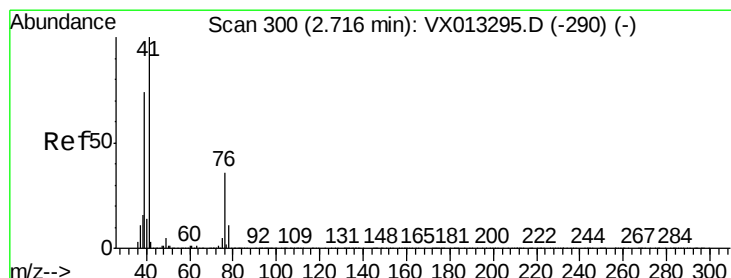
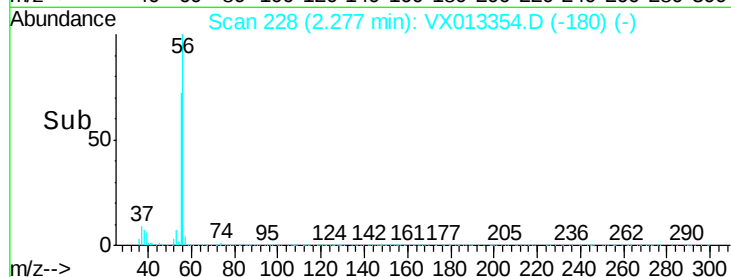
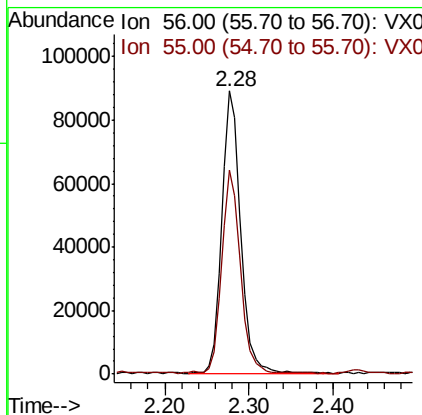
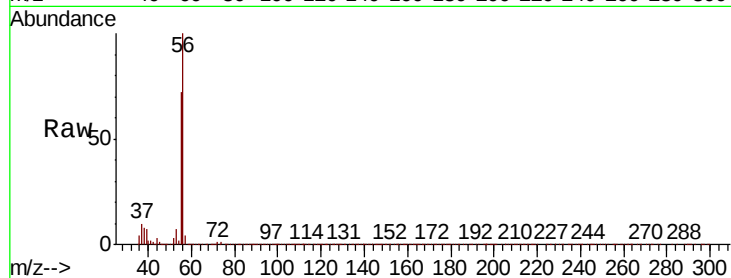
55 71.6 57.4 86.0

Manual Integrations

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MMDadoda

11/11/2019 3:34:16 PM



#14

Allyl chloride

Concen: 22.376 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

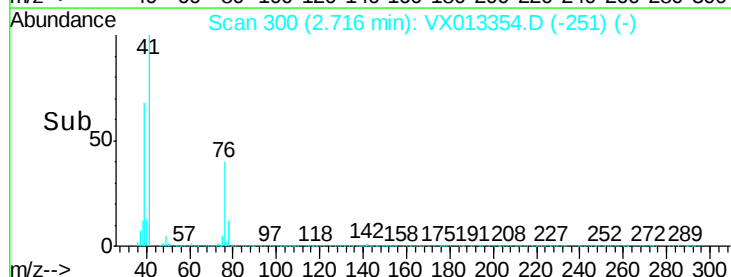
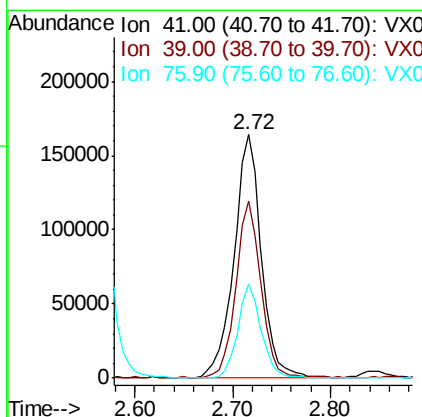
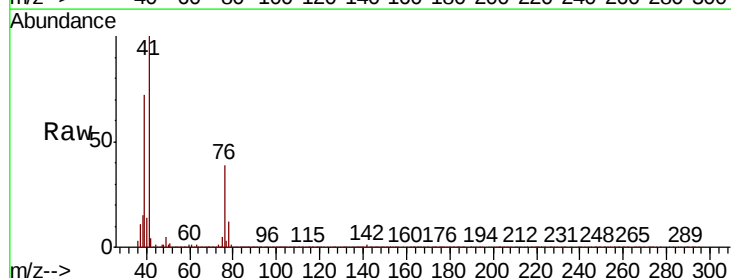
Tgt Ion: 41 Resp: 316518

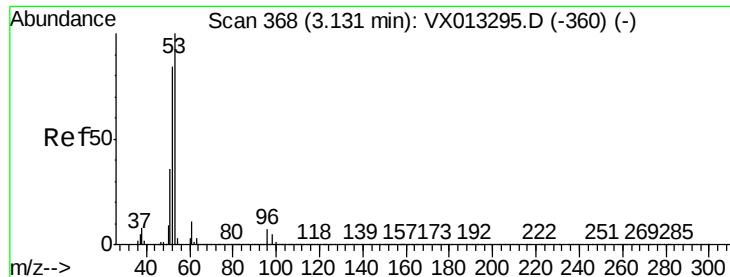
Ion Ratio Lower Upper

41 100

39 66.5 55.8 83.8

76 32.7 26.4 39.6





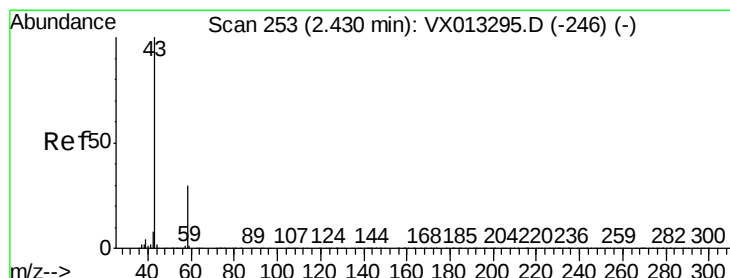
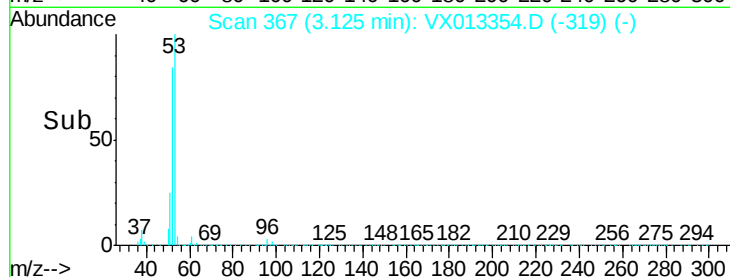
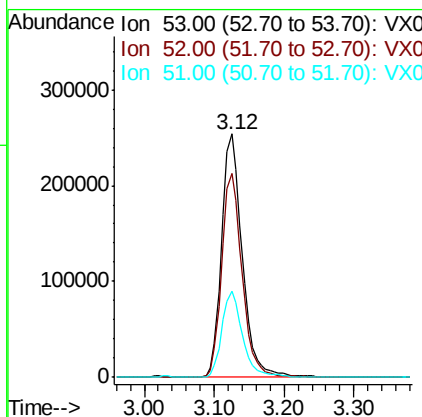
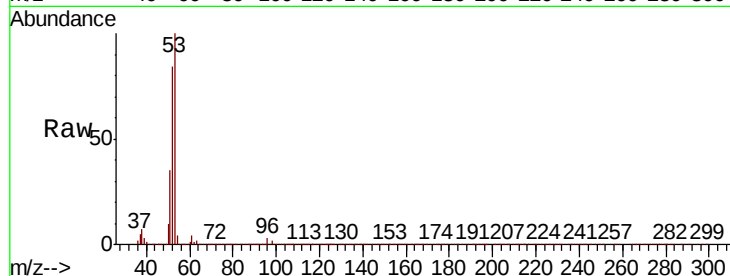
#15  
Acrylonitrile  
Concen: 105.507 ug/l  
RT: 3.12 min Scan# 367  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.4  | 67.4  | 101.0 |
| 51      | 35.6  | 29.4  | 44.2  |

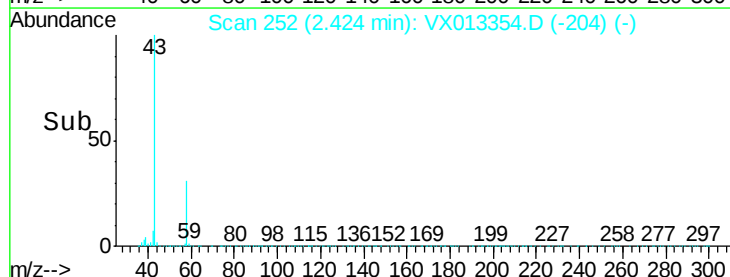
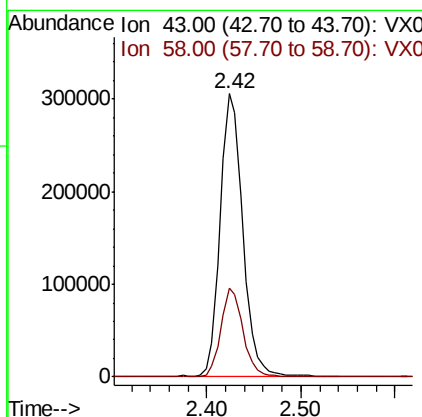
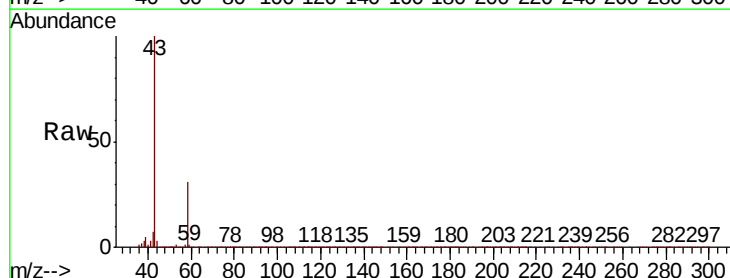
Manual Integrations  
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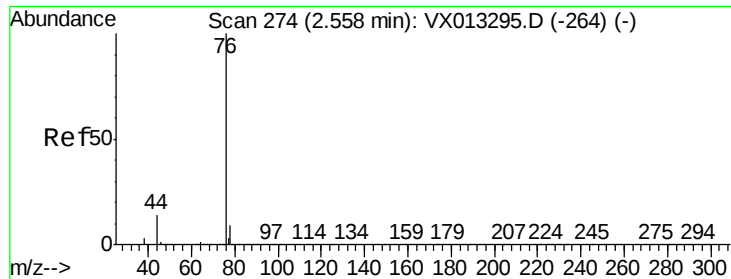
MMDadoda  
11/11/2019 3:34:16 PM



#16  
Acetone  
Concen: 100.473 ug/l  
RT: 2.42 min Scan# 252  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.2  | 24.3  | 36.5  |





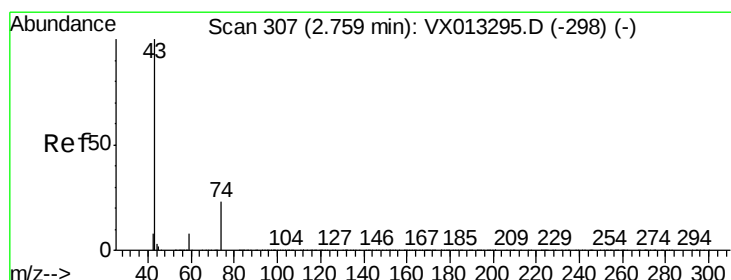
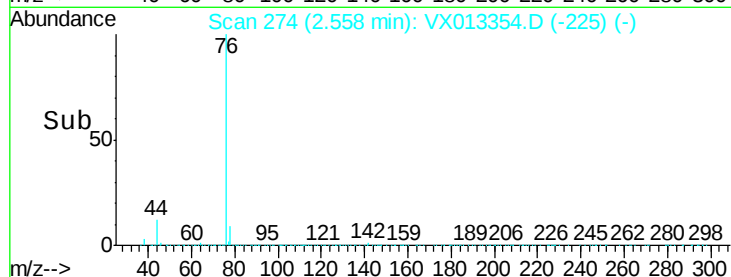
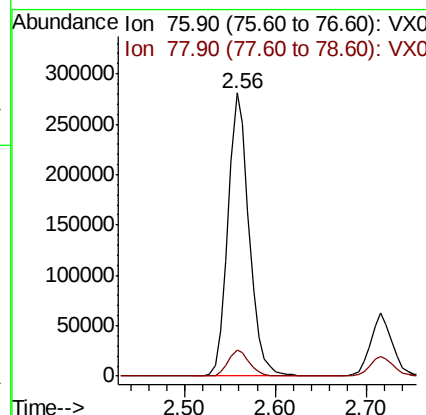
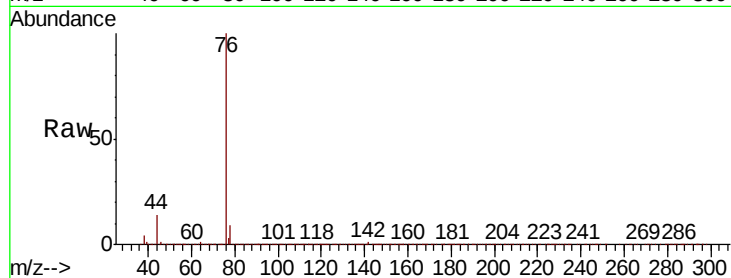
#17  
Carbon Disulfide  
Concen: 21.898 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 76      | 76  | 100   | 456306 |       |       |
| 78      | 78  | 9.1   |        | 7.0   | 10.6  |

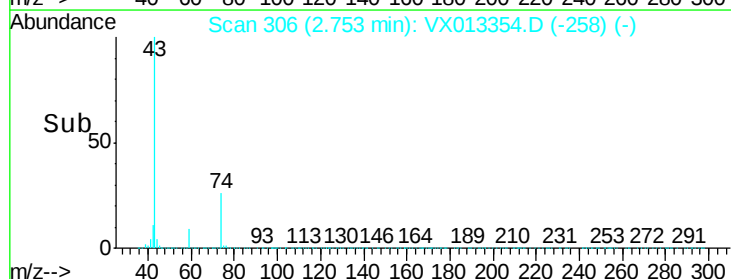
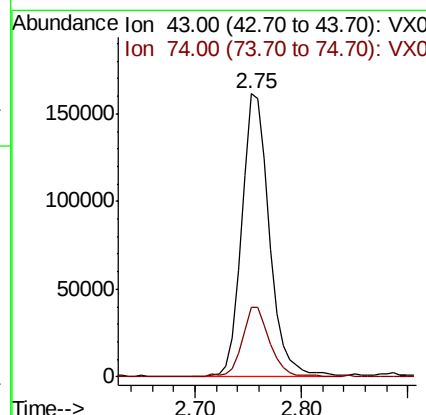
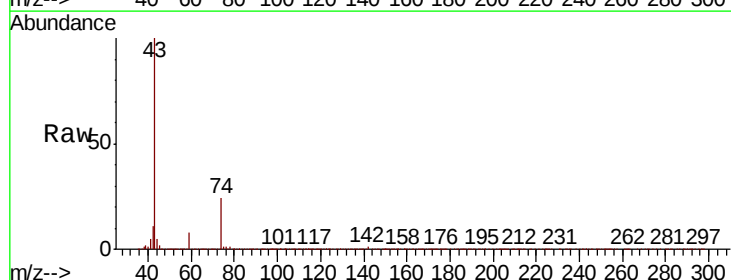
Manual Integrations  
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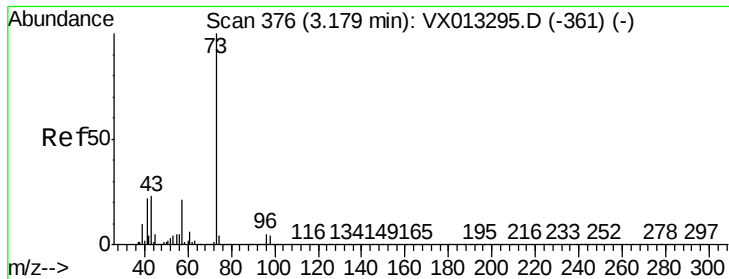
MMDadoda  
11/11/2019 3:34:16 PM



#18  
Methyl Acetate  
Concen: 21.219 ug/l  
RT: 2.75 min Scan# 306  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 43      | 43  | 100   | 293801 |       |       |
| 74      | 74  | 24.9  |        | 19.0  | 28.6  |





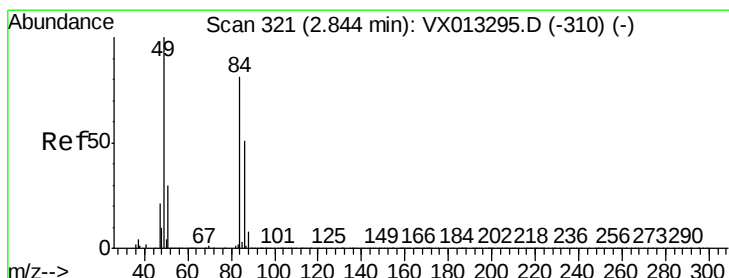
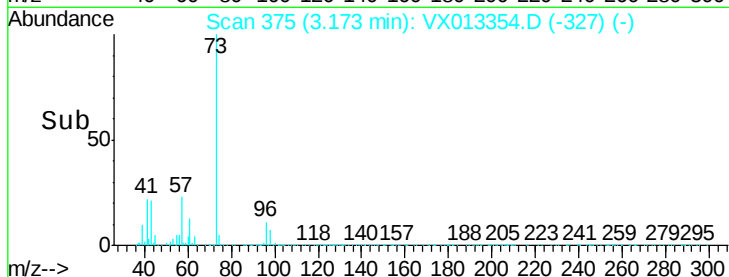
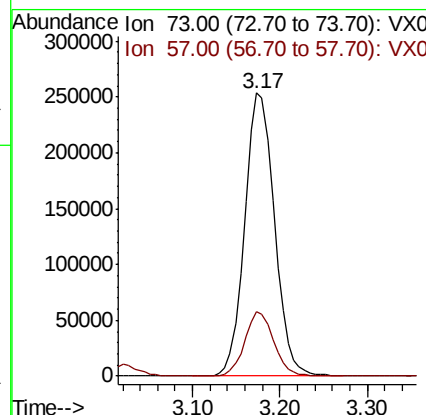
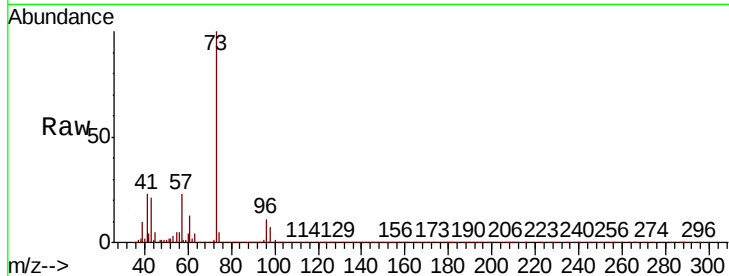
#19  
Methvl tert-butvl Ether  
Concen: 23.133 ug/l  
RT: 3.17 min Scan# 375  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

Tot Ion: 73 Resp: 600686  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.1 25.7

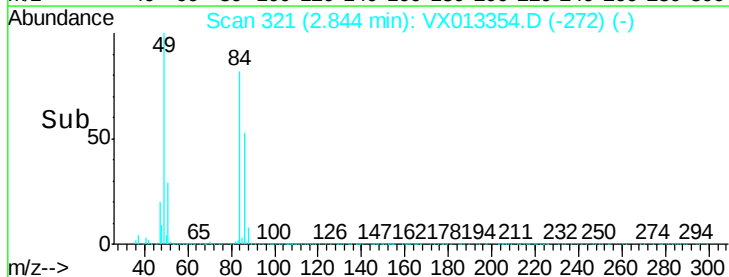
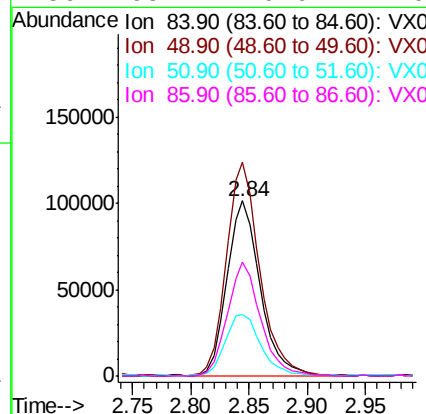
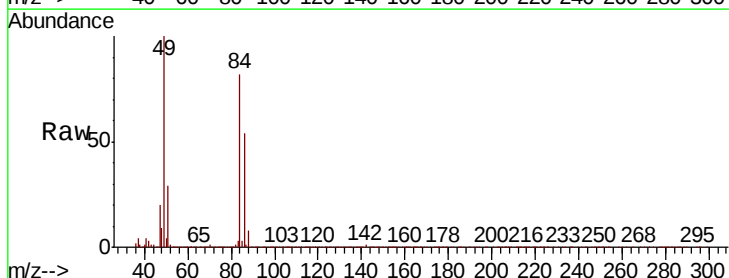
Manual Integrations  
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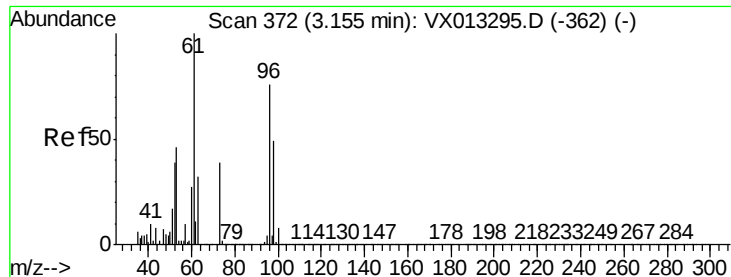
MMDadoda  
11/11/2019 3:34:16 PM



#20  
Methylene Chloride  
Concen: 21.480 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Tgt Ion: 84 Resp: 199045  
Ion Ratio Lower Upper  
84 100  
49 121.9 98.2 147.4  
51 35.2 29.9 44.9  
86 65.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.075 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

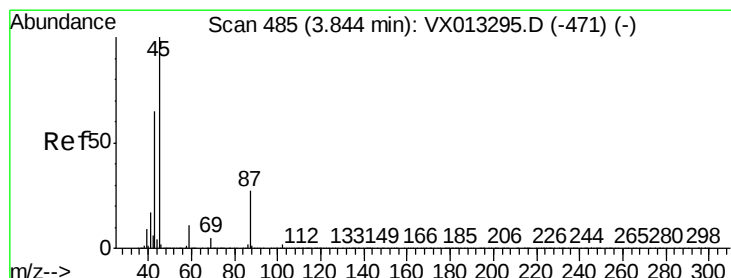
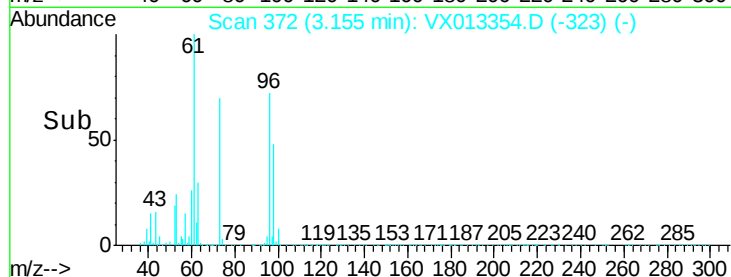
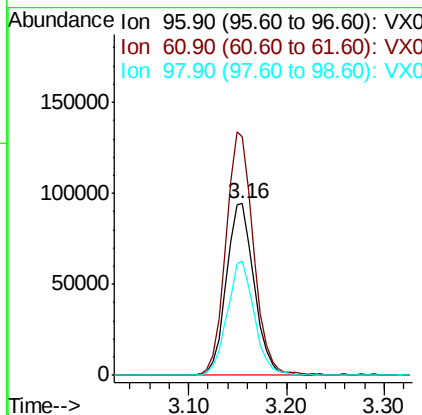
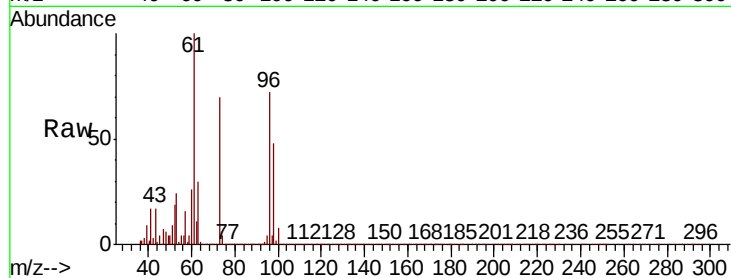
ClientSampleId :

VX1108WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 187128 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.3 | 105.8 | 158.6  |
| 98       | 66.3  | 51.8  | 77.6   |

Manual Integrations  
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MMDadoda  
11/11/2019 3:34:16 PM



#22

Diisopropyl ether

Concen: 23.508 ug/l

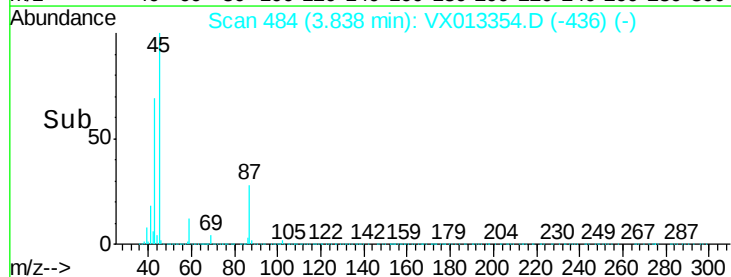
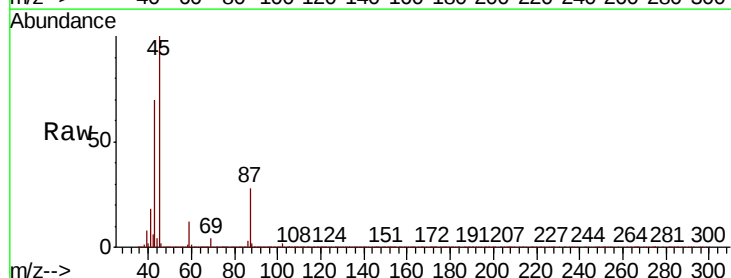
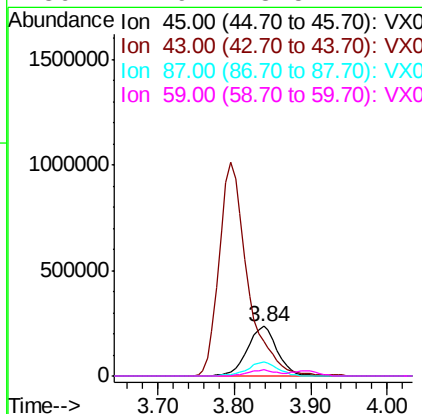
RT: 3.84 min Scan# 484

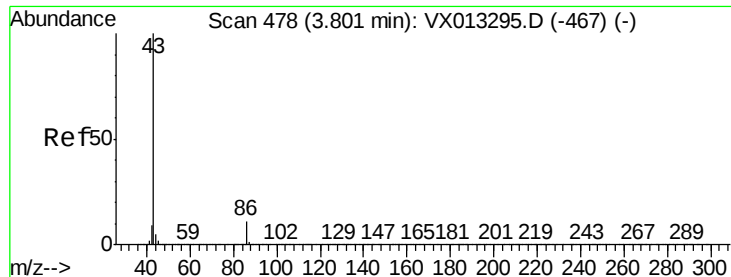
Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 641999 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 69.5  | 54.2  | 81.2   |
| 87       | 28.2  | 21.8  | 32.8   |
| 59       | 11.9  | 8.5   | 12.7   |





#23

Vinyl Acetate

Concen: 111.723 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 43 Resp: 2610843

Ion Ratio Lower Upper

43 100

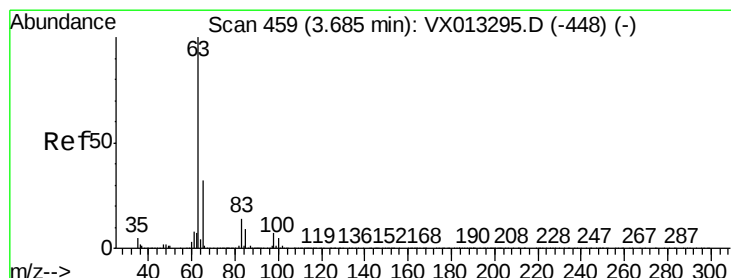
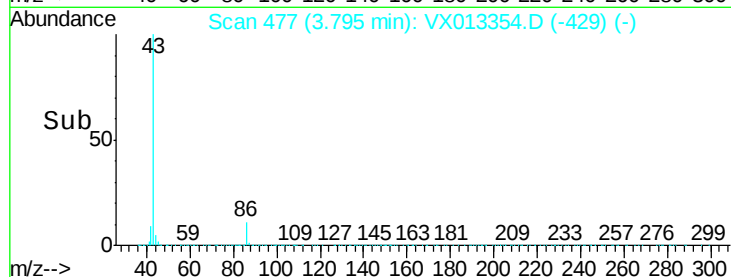
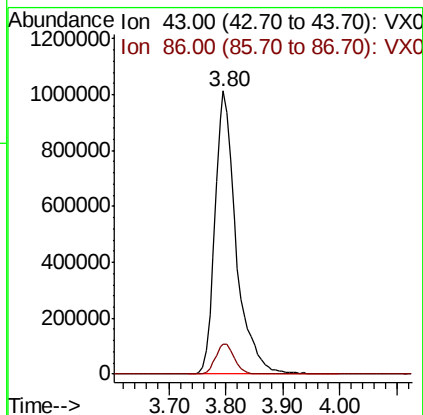
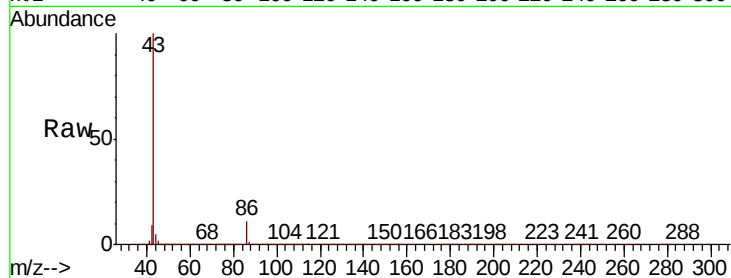
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.334 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

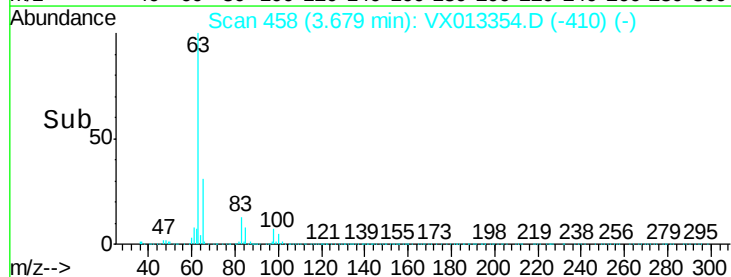
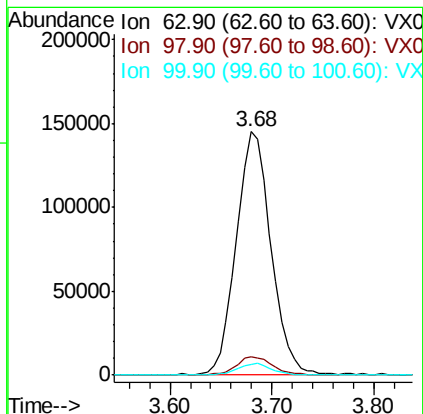
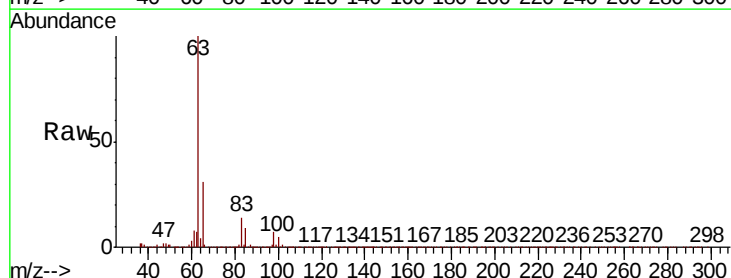
Tgt Ion: 63 Resp: 341208

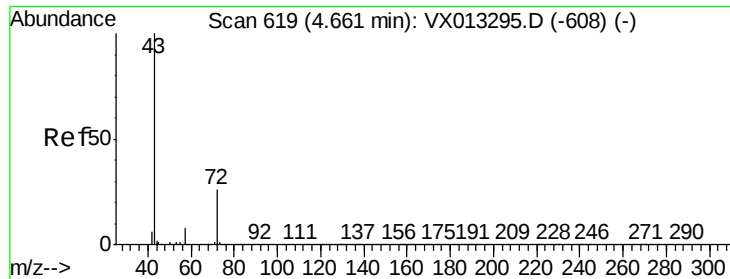
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 102.014 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 43 Resp: 750569

Ion Ratio Lower Upper

43 100

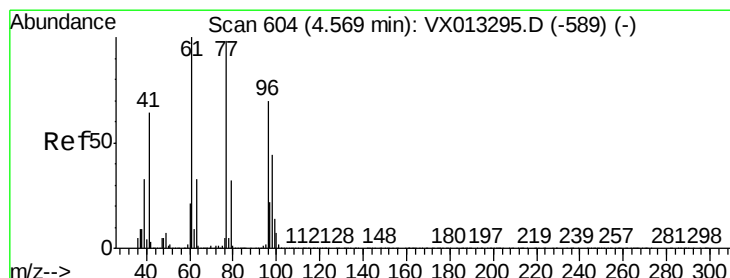
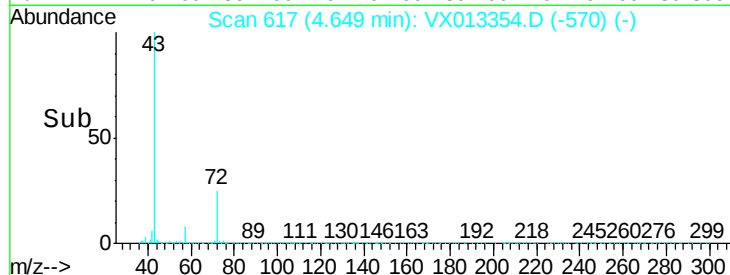
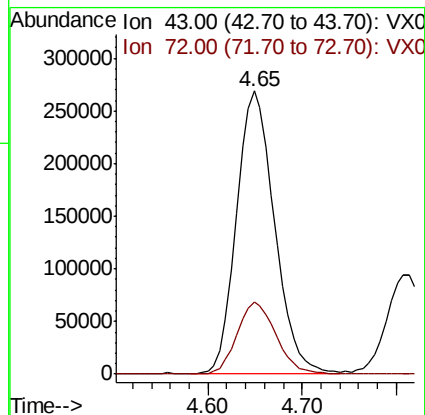
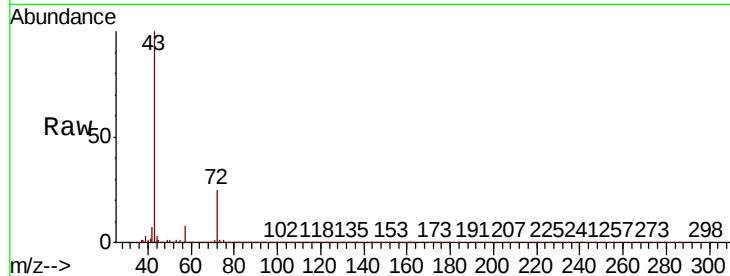
72 25.2 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.522 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013354.D

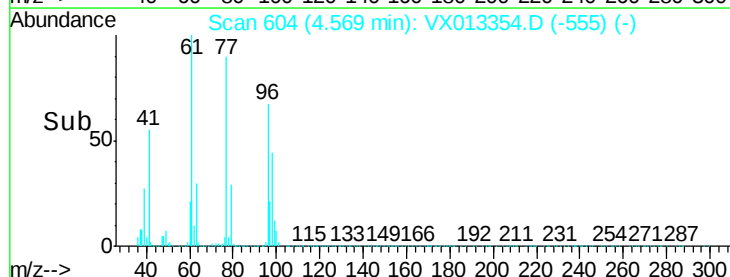
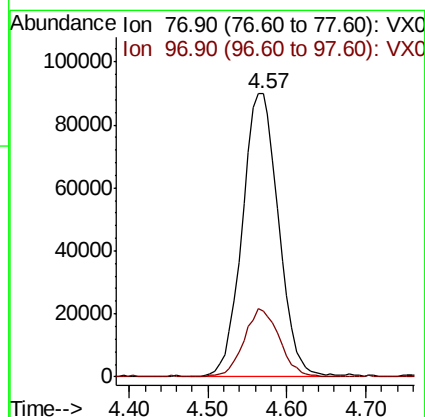
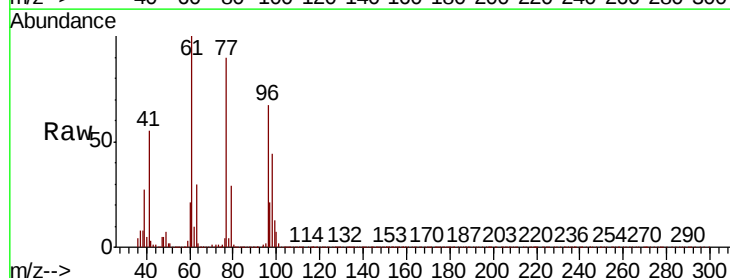
Acq: 08 Nov 2019 11:06

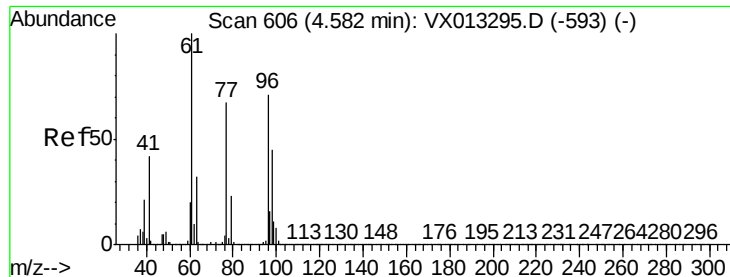
Tgt Ion: 77 Resp: 285870

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

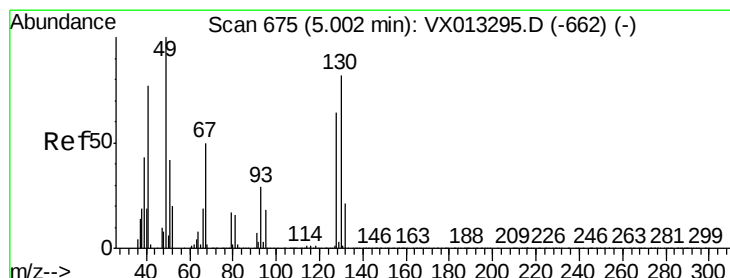
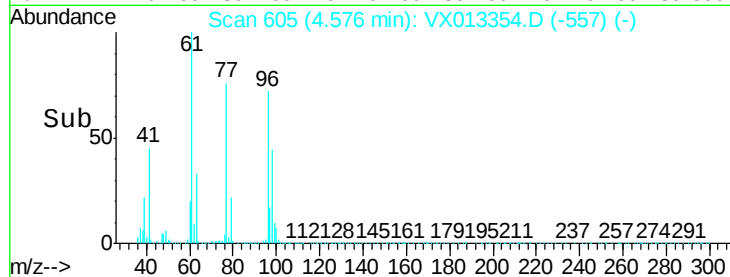
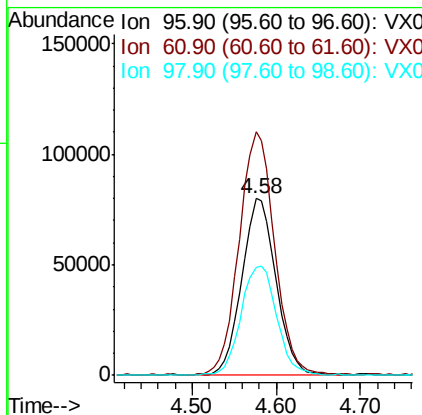
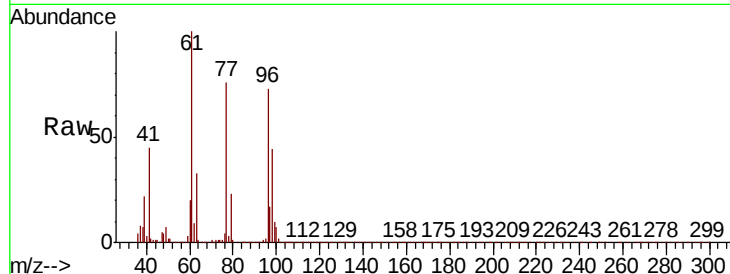
cis-1,2-Dichloroethene  
Concen: 22.944 ug/l  
RT: 4.58 min Scan# 605  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 217873 |       |       |
| 61      | 143.2 | 0.0    | 288.0 |       |
| 98      | 64.7  | 0.0    | 129.6 |       |

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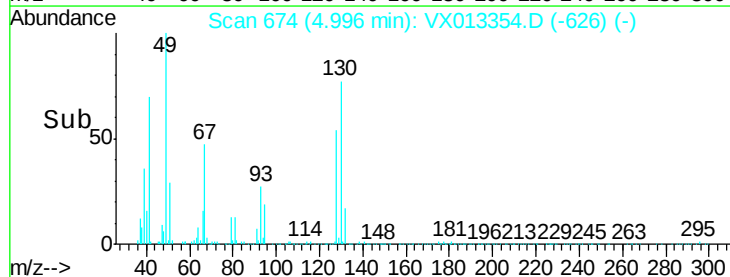
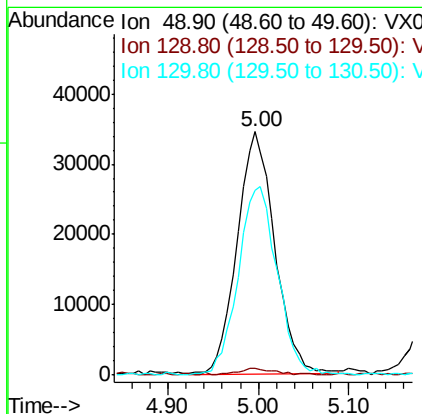
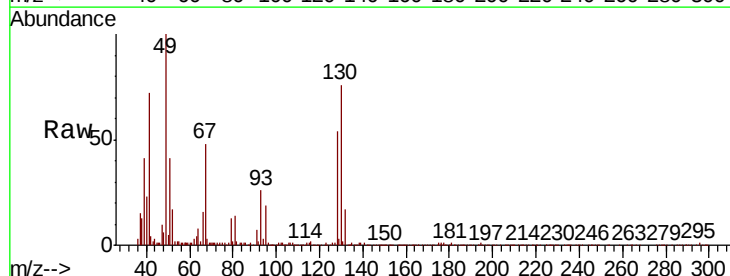
MMDadoda  
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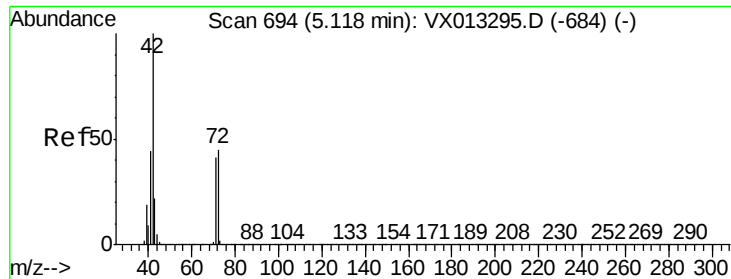


#28

Bromochloromethane  
Concen: 23.041 ug/l  
RT: 5.00 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 99946 |       |       |
| 129     | 2.5   | 0.0   | 5.2   |       |
| 130     | 79.3  | 63.8  | 95.6  |       |





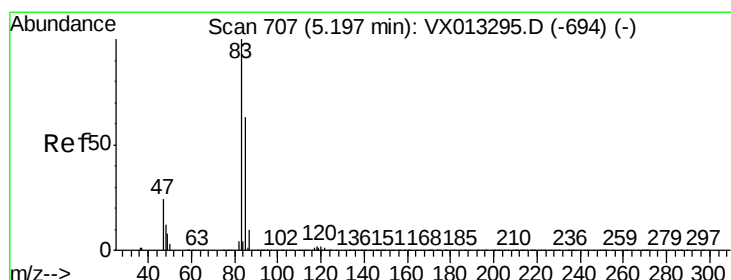
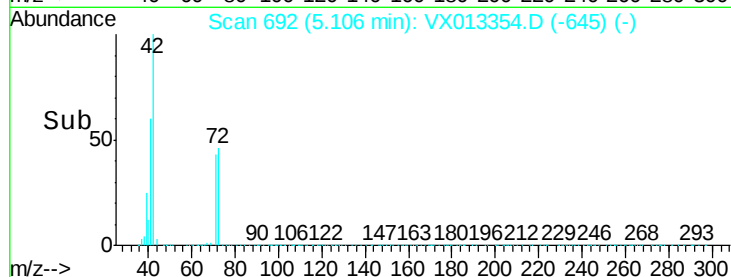
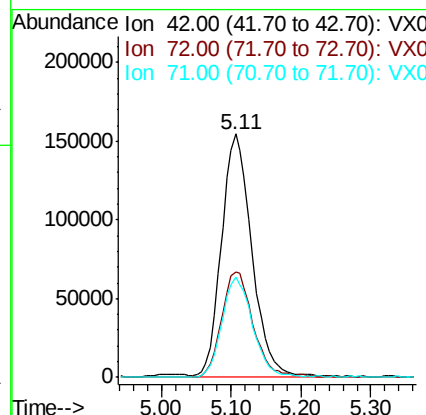
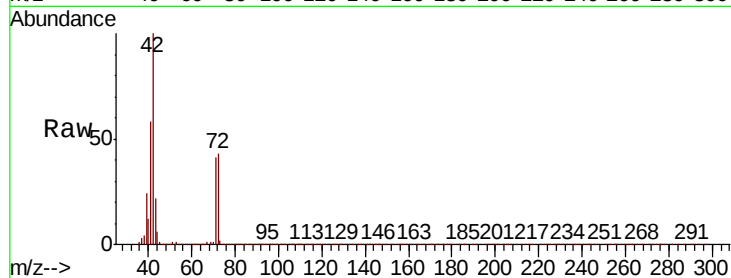
#29  
Tetrahydrofuran  
Concen: 102.306 ug/l  
RT: 5.11 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.6  | 35.8  | 53.8  |
| 71      | 41.4  | 33.4  | 50.0  |

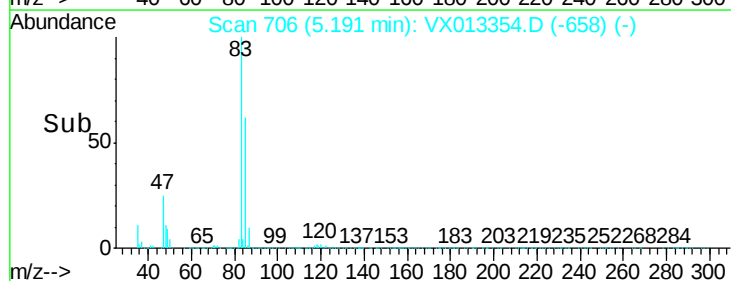
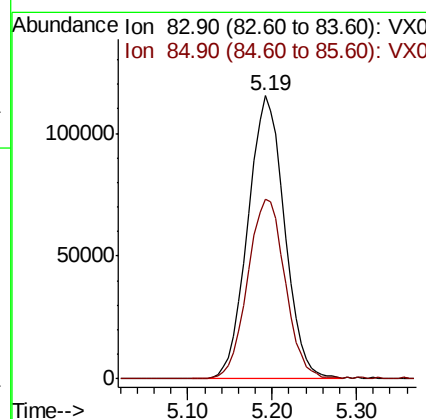
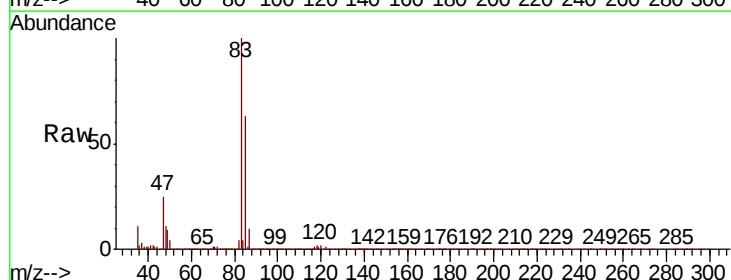
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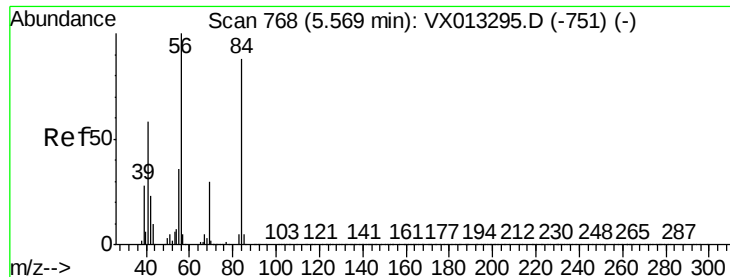
MMDadoda  
11/11/2019 3:34:16 PM



#30  
Chloroform  
Concen: 22.538 ug/l  
RT: 5.19 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.2  | 50.2  | 75.4  |





#31

Cyclohexane

Concen: 22.453 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

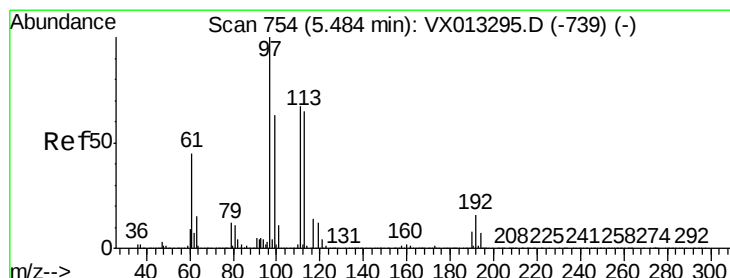
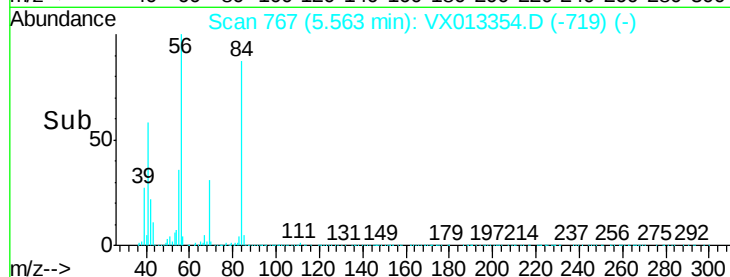
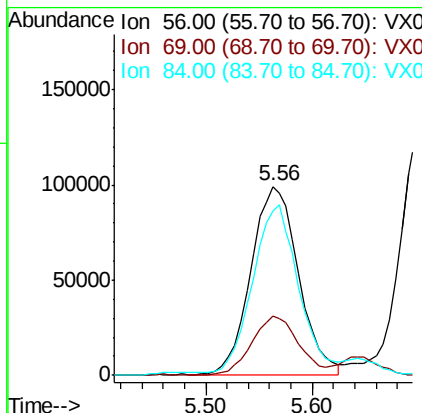
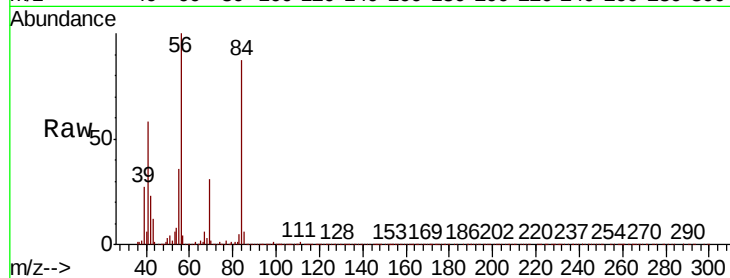
ClientSampleId :

VX1108WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 308657 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 31.1 | 23.7  | 35.5   |
| 84        | 85.1 | 70.6  | 105.8  |

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#32

1,1,1-Trichloroethane

Concen: 22.504 ug/l

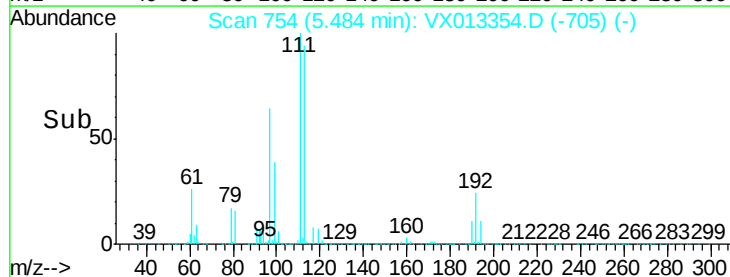
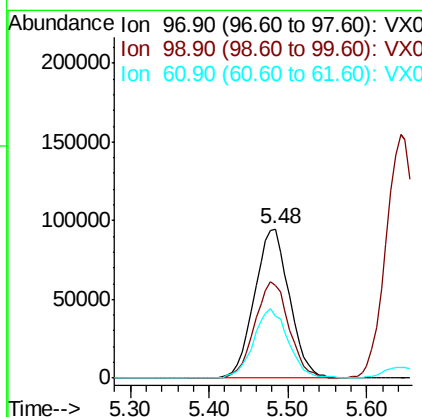
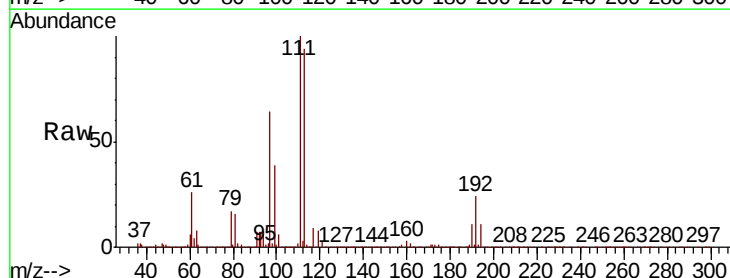
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 292156 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 63.0 | 51.1  | 76.7   |
| 61        | 45.6 | 36.5  | 54.7   |





#33

1,2-Dichloroethane-d4

Concen: 48.726 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 65 Resp: 489944

Ion Ratio Lower Upper

65 100

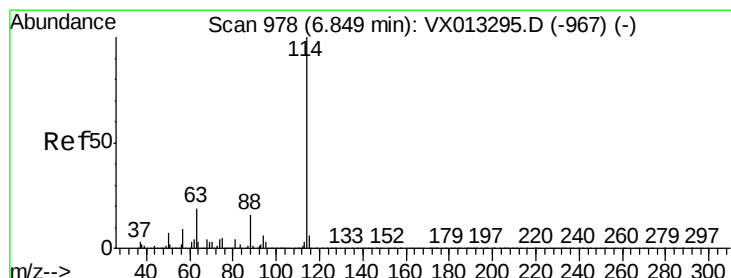
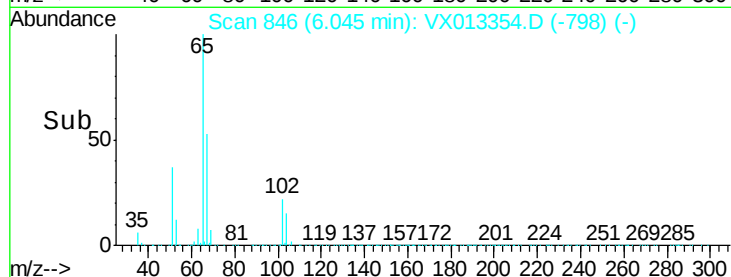
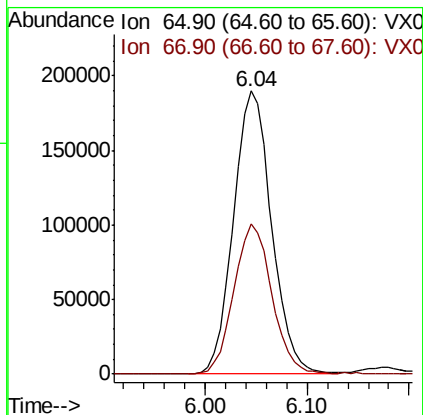
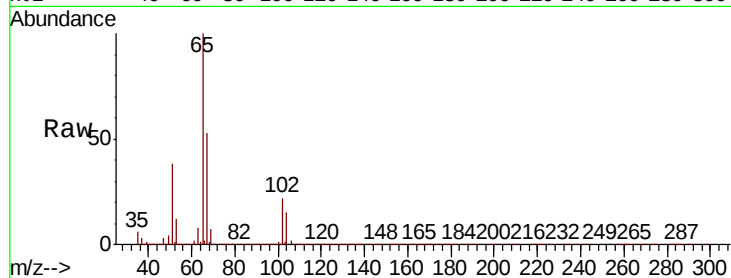
67 53.0 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

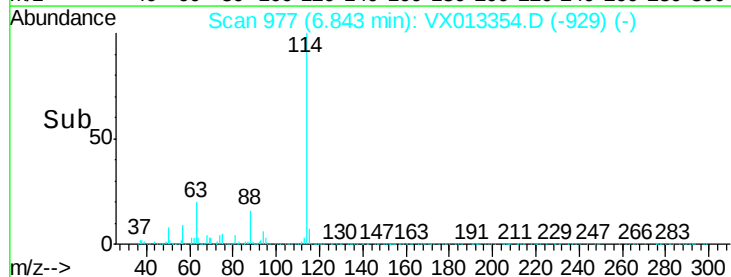
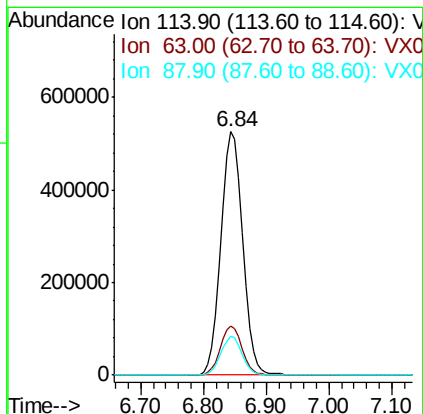
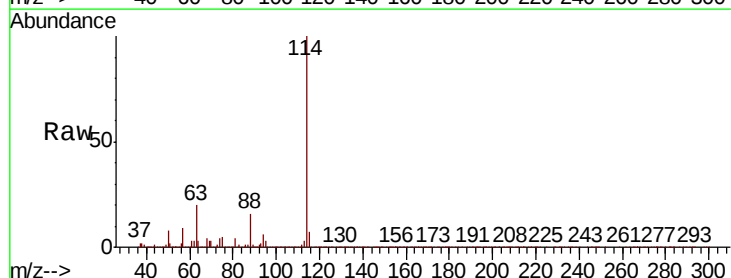
Tgt Ion: 114 Resp: 1270799

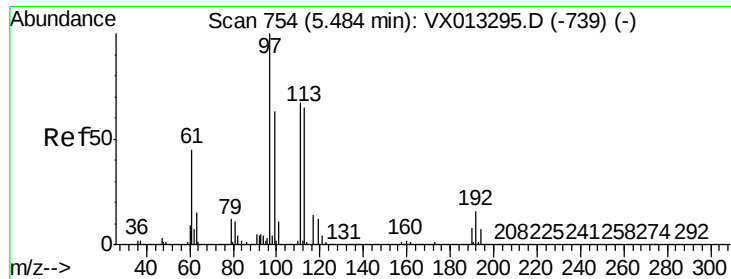
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 15.9 0.0 32.2





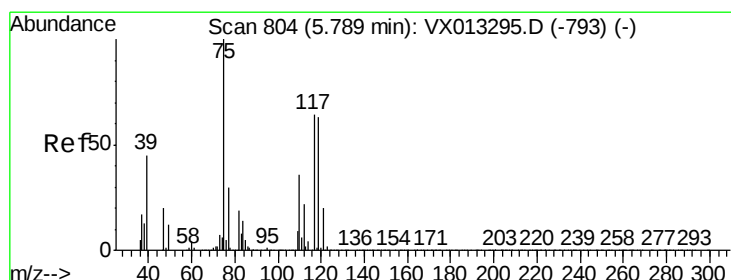
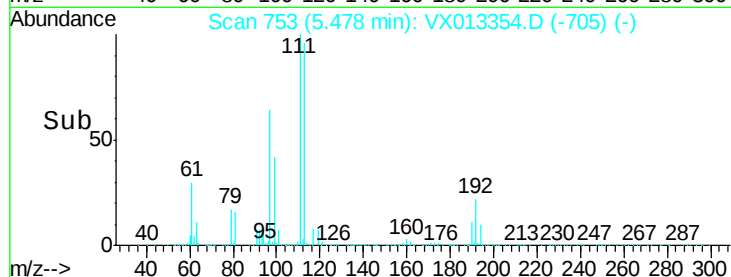
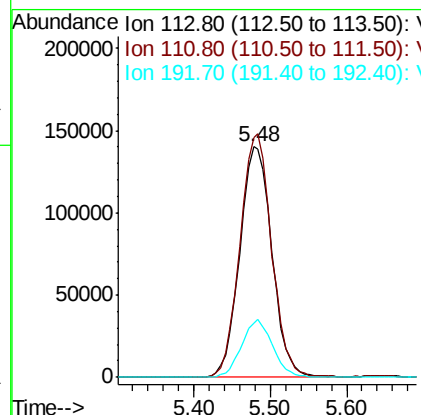
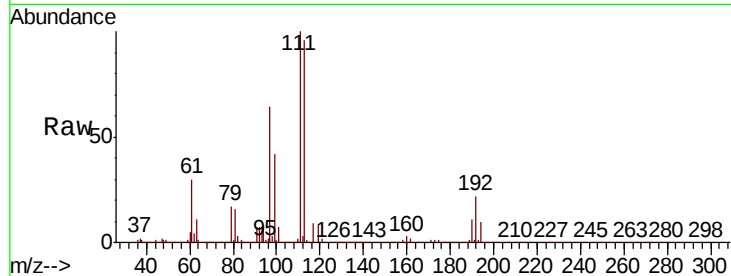
#35  
 Dibromofluoromethane  
 Concen: 51.044 ug/l  
 RT: 5.48 min Scan# 753  
 Delta R.T. -0.01 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 104.6 | 81.9 | 122.9 |       |
| 192     | 24.3  | 19.1 | 28.7  |       |

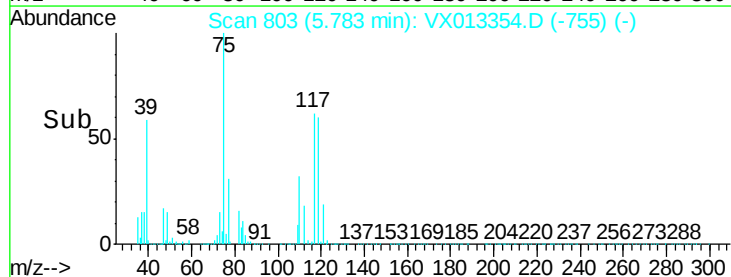
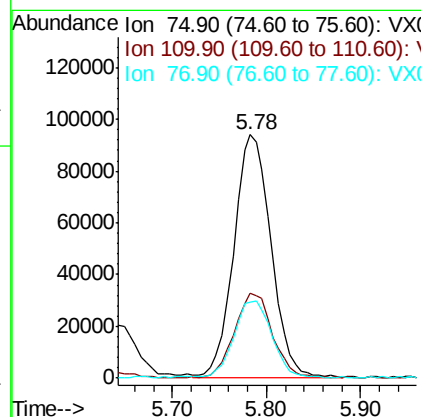
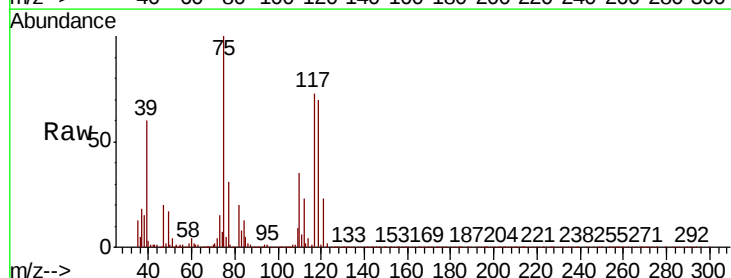
Manual Integrations  
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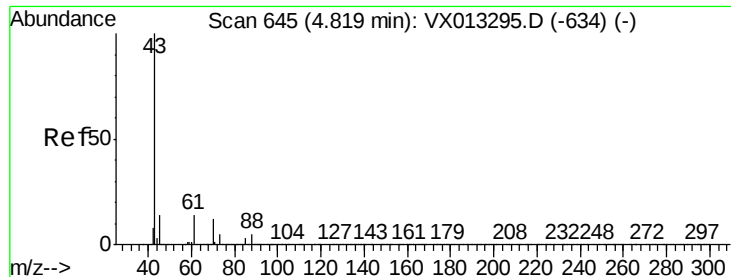
MMDadoda  
 11/11/2019 3:34:16 PM



#36  
 1,1-Dichloropropene  
 Concen: 23.557 ug/l  
 RT: 5.78 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 35.7  | 18.1 | 54.1  |       |
| 77      | 32.3  | 25.0 | 37.4  |       |





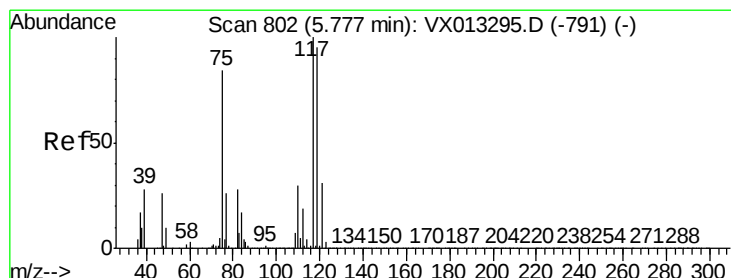
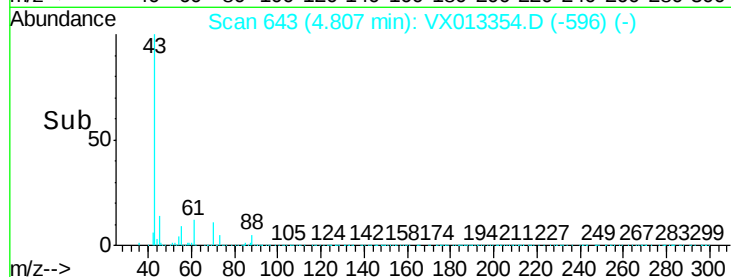
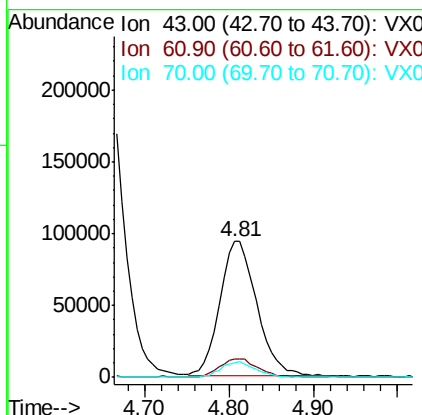
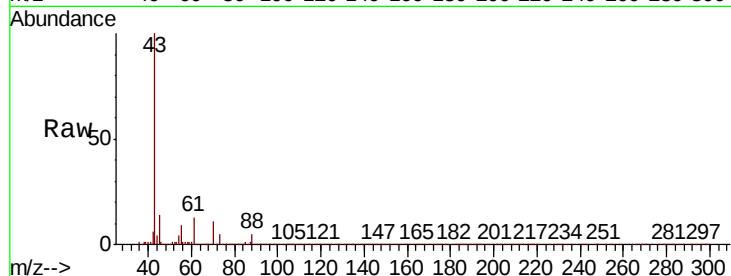
#37  
Ethyl Acetate  
Concen: 20.860 ug/l  
RT: 4.81 min Scan# 643  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion   | 43    | Resp  | 281005 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.7  | 10.7  | 16.1   |
| 70        | 11.0  | 8.7   | 13.1   |

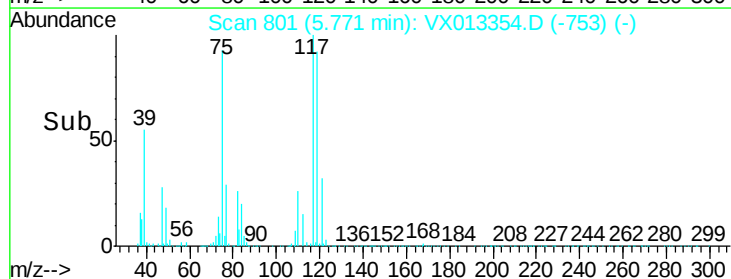
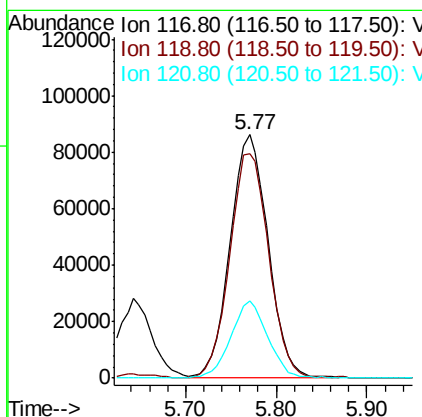
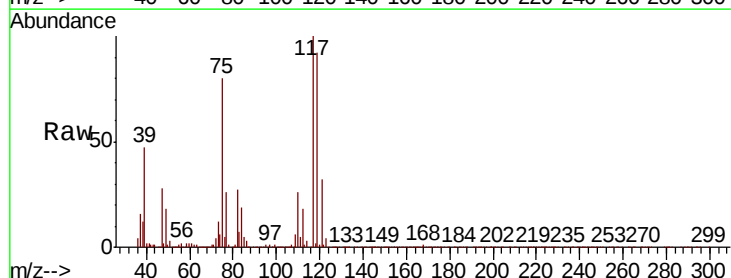
Manual Integrations  
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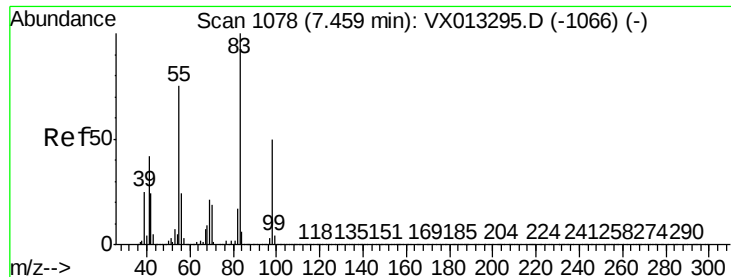
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#38  
Carbon Tetrachloride  
Concen: 23.315 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion   | 117   | Resp  | 248551 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 92.2  | 76.1  | 114.1  |
| 121       | 31.7  | 24.6  | 37.0   |





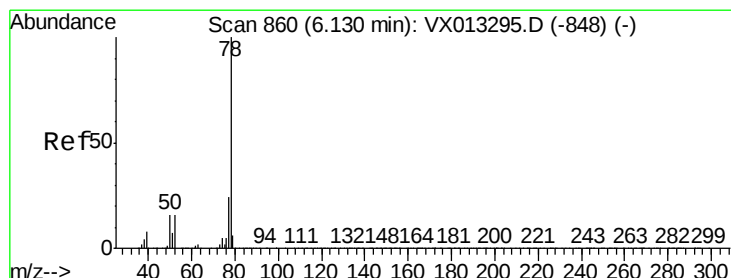
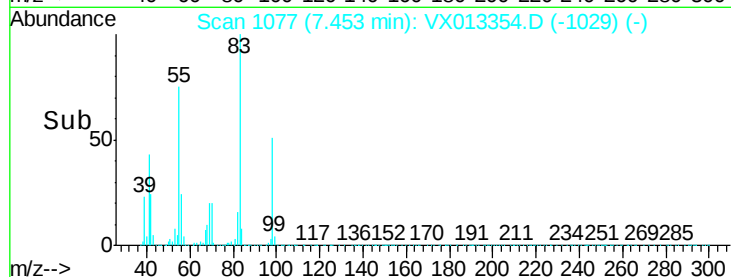
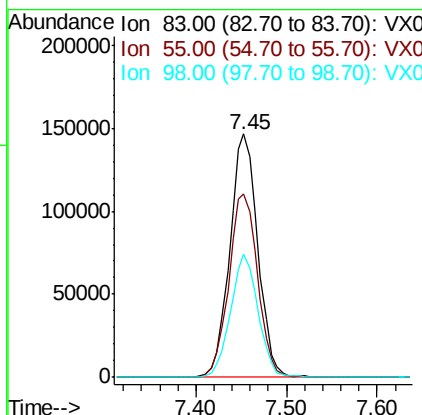
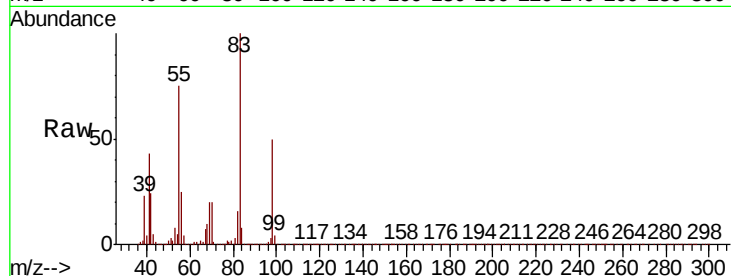
#39  
Methvlcvclohexane  
Concen: 23.171 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.1  | 60.3  | 90.5  |
| 98      | 50.4  | 40.3  | 60.5  |

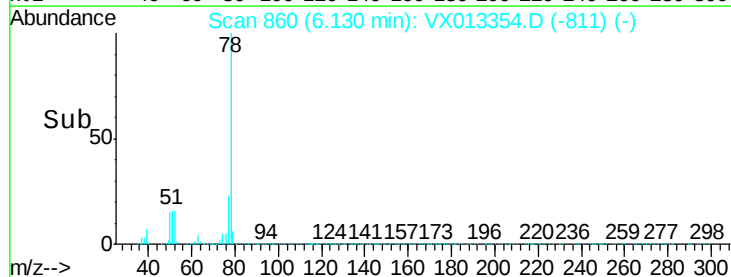
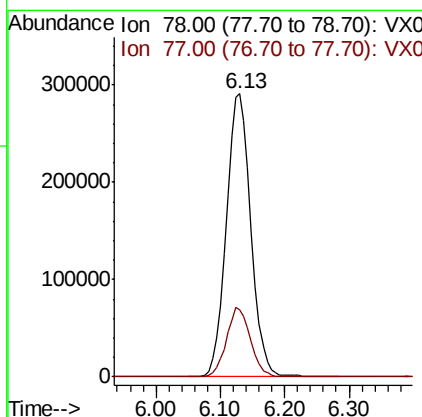
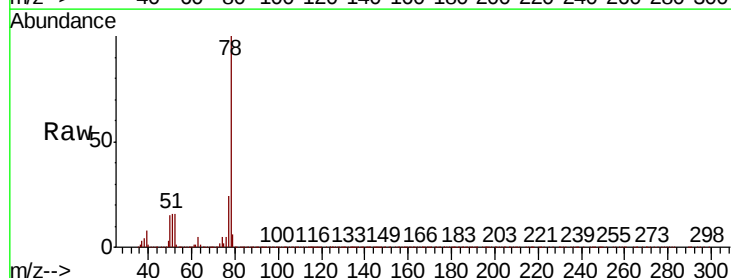
Manual Integrations  
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#40  
Benzene  
Concen: 22.802 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 19.5  | 29.3  |





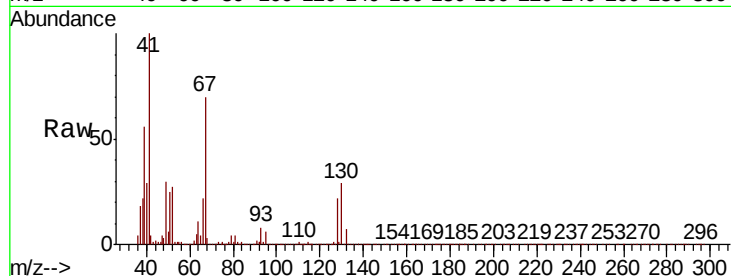
#41  
Methacrylonitrile  
Concen: 21.462 ug/l  
RT: 5.02 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

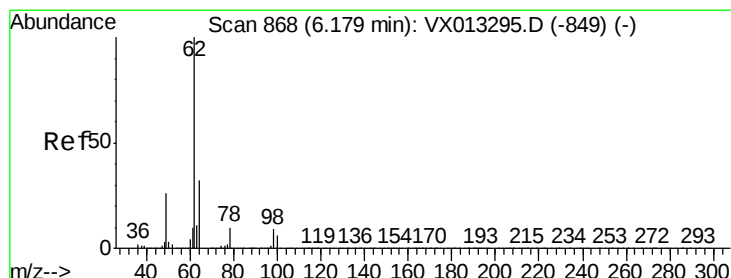
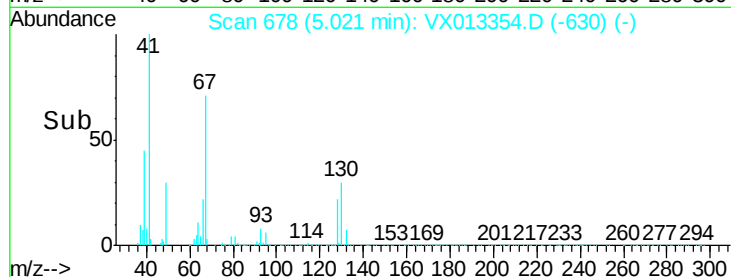
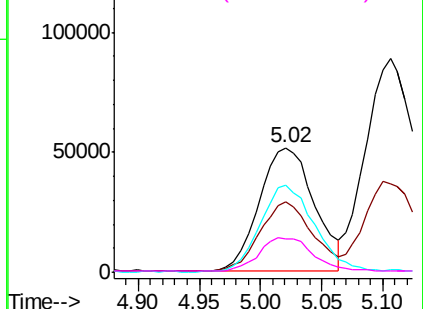
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 162047 |       |       |
| 39      | 53.8 | 45.0  | 67.6   |       |       |
| 67      | 69.0 | 55.4  | 83.2   |       |       |
| 52      | 26.9 | 23.1  | 34.7   |       |       |

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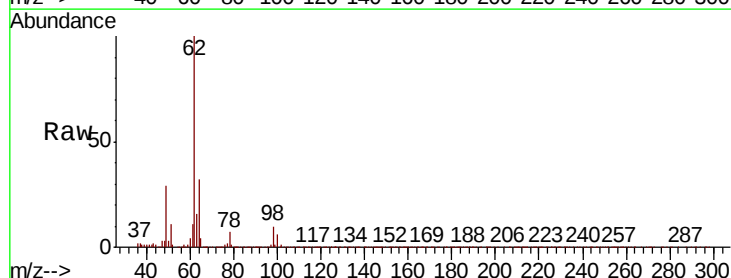


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

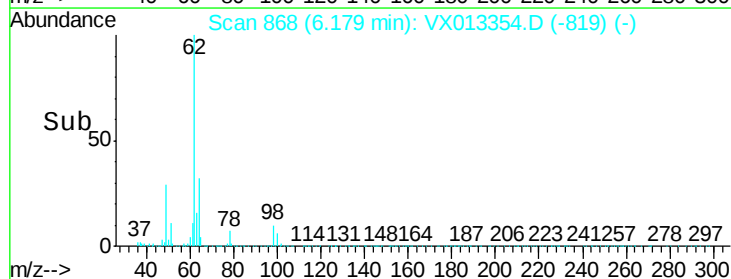
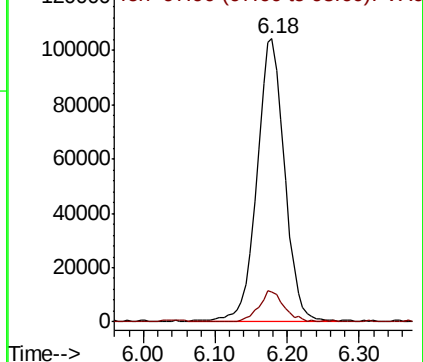


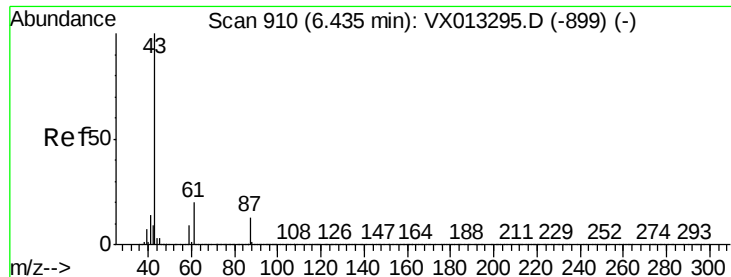
#42  
1,2-Dichloroethane  
Concen: 22.422 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 274654 |       |       |
| 98      | 9.9 | 0.0   | 19.4   |       |       |



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





#43

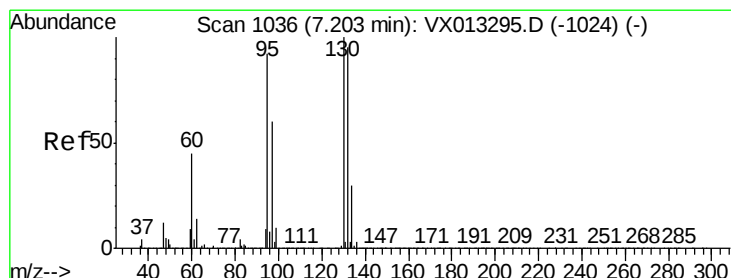
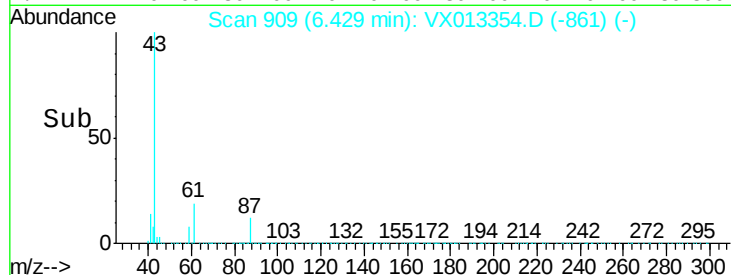
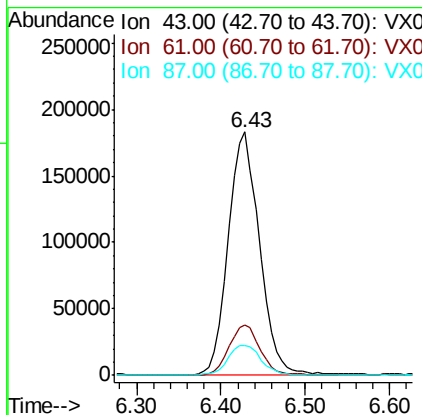
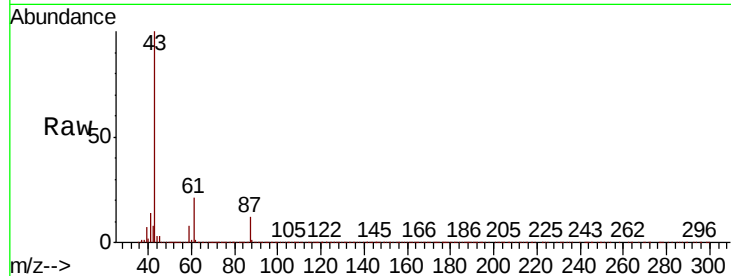
Isopropyl Acetate  
 Concen: 21.896 ug/l  
 RT: 6.43 min Scan# 909  
 Delta R.T. -0.01 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.4  | 15.8  | 23.8  |
| 87      | 12.9  | 10.4  | 15.6  |

Manual Integrations  
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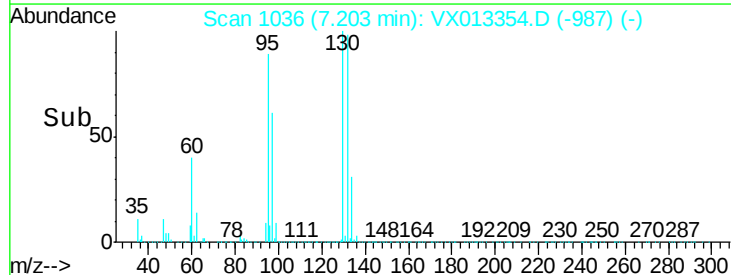
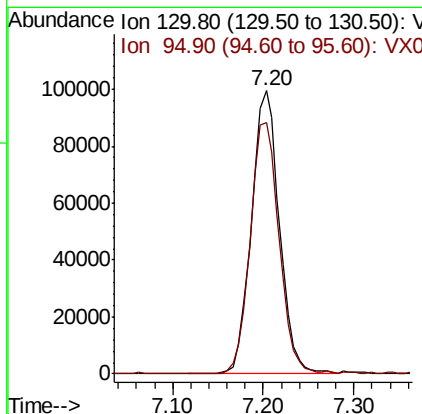
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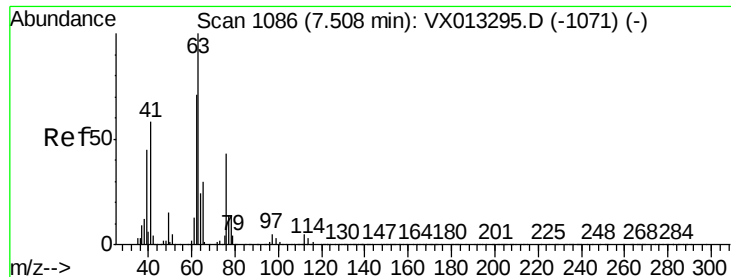


#44

Trichloroethene  
 Concen: 22.766 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 88.7  | 0.0   | 184.8 |





#45

1,2-Dichloropropane

Concen: 23.165 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 63 Resp: 200440

Ion Ratio Lower Upper

63 100

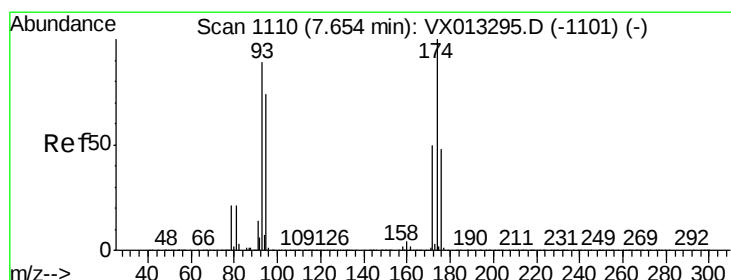
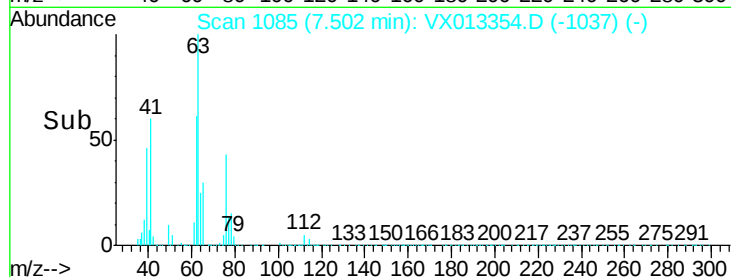
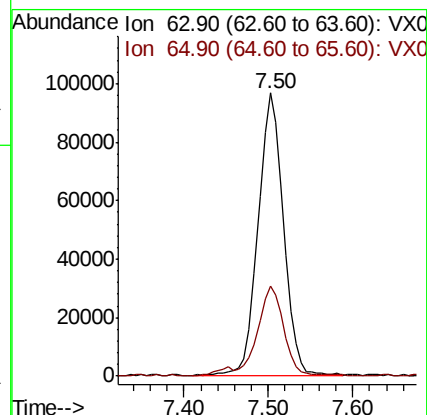
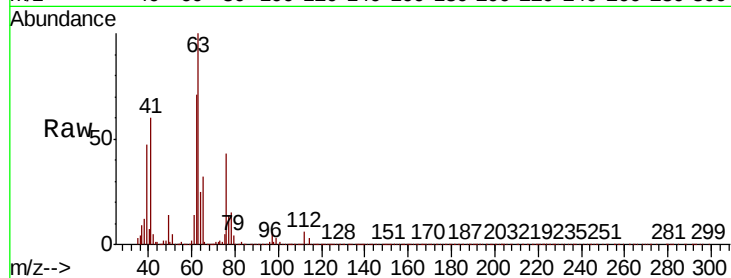
65 31.5 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 22.234 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

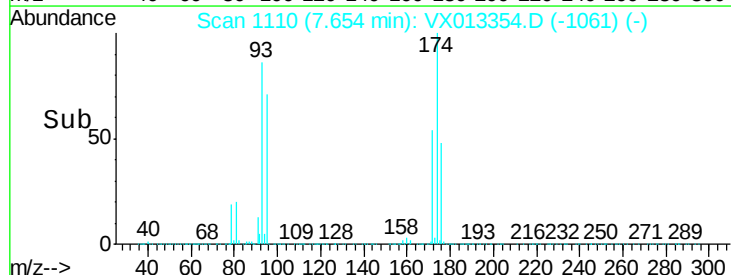
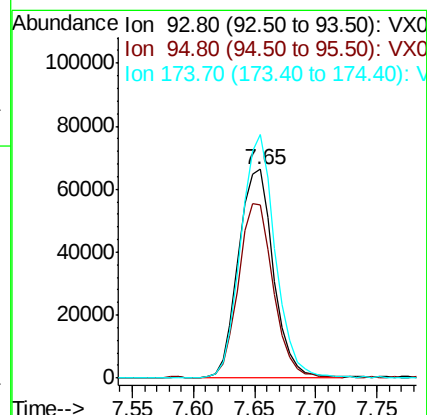
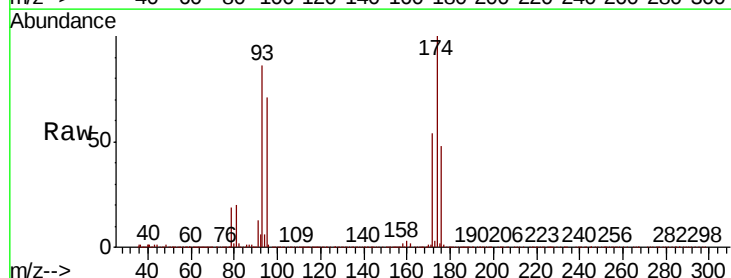
Tgt Ion: 93 Resp: 131354

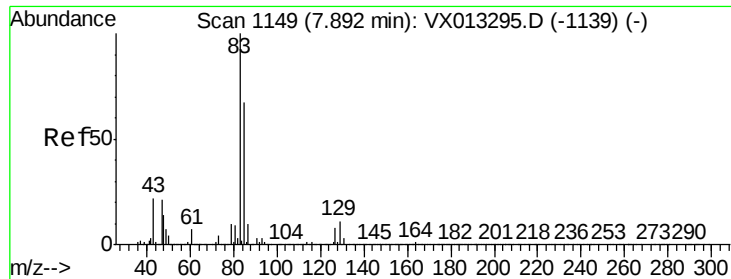
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

174 115.2 90.4 135.6





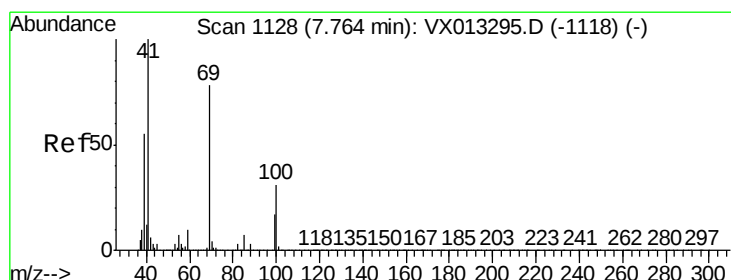
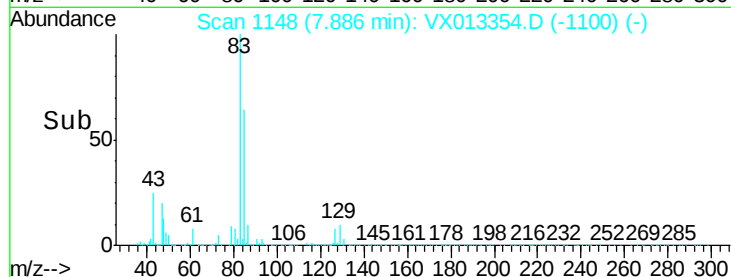
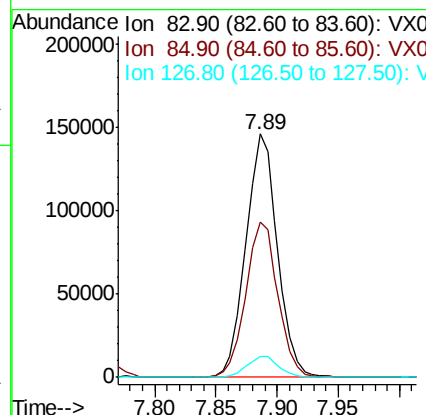
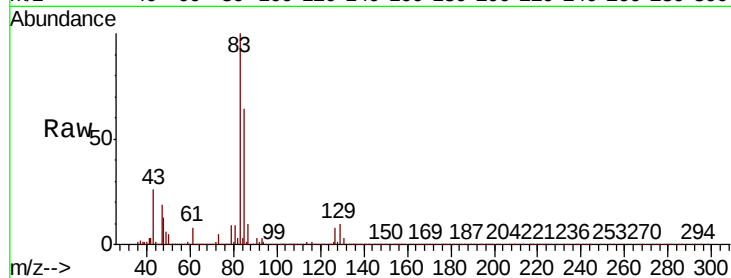
#47  
Bromodichloromethane  
Concen: 23.418 ug/l  
RT: 7.89 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.7  | 53.7  | 80.5  |
| 127     | 8.3   | 6.4   | 9.6   |

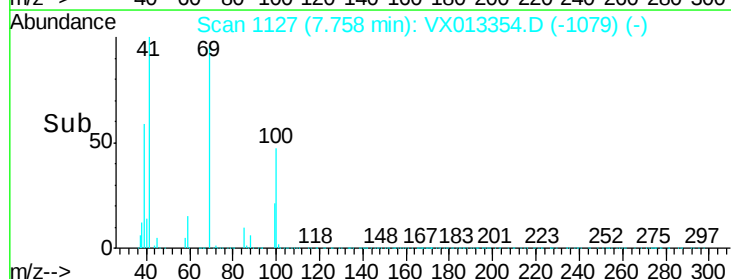
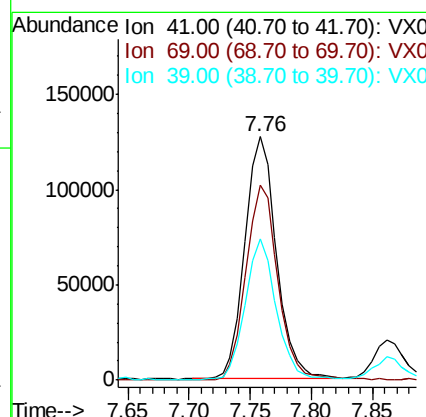
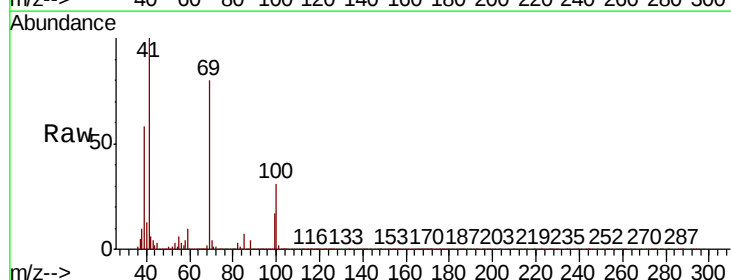
Manual Integrations  
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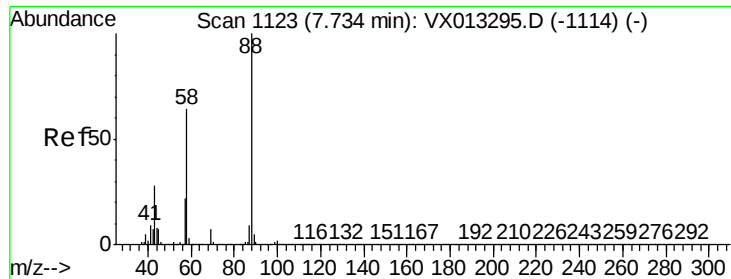
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#48  
Methyl methacrylate  
Concen: 21.901 ug/l  
RT: 7.76 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 81.2  | 63.0  | 94.6  |
| 39      | 56.6  | 45.9  | 68.9  |





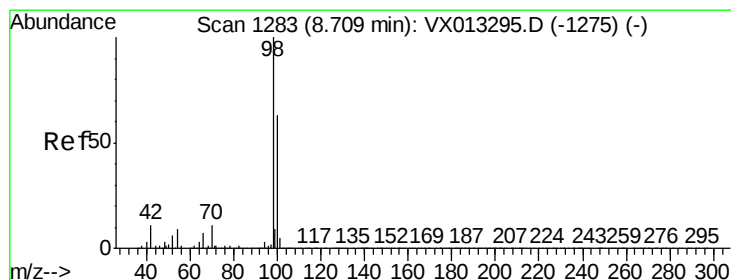
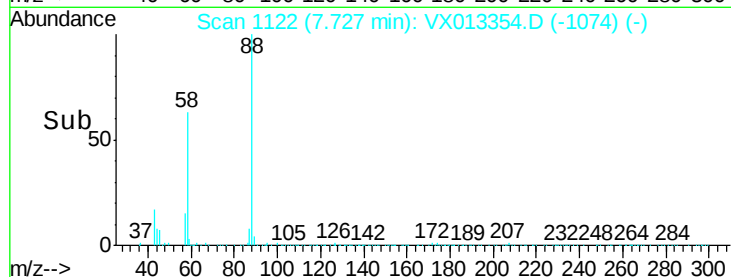
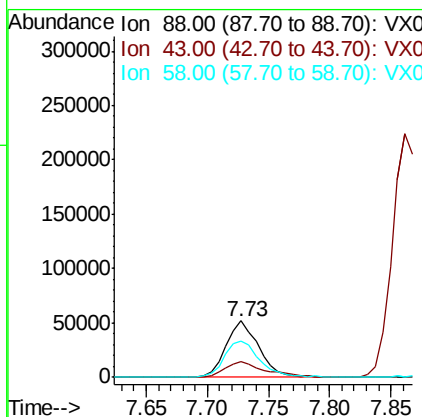
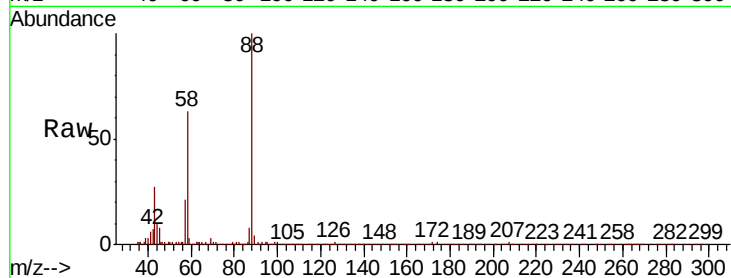
#49  
1,4-Dioxane  
Concen: 392.029 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.5  | 26.6  | 39.8  |
| 58      | 70.1  | 55.0  | 82.6  |

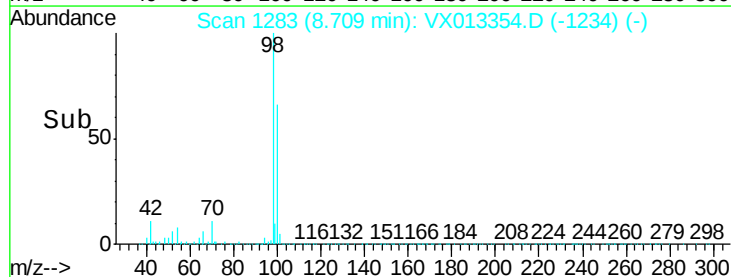
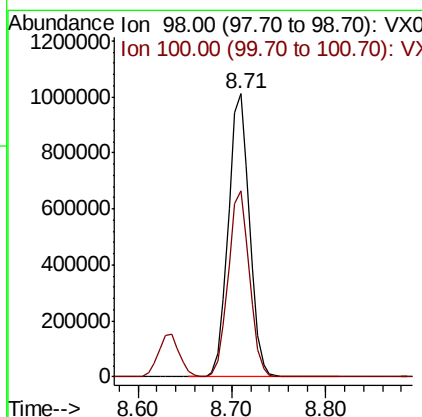
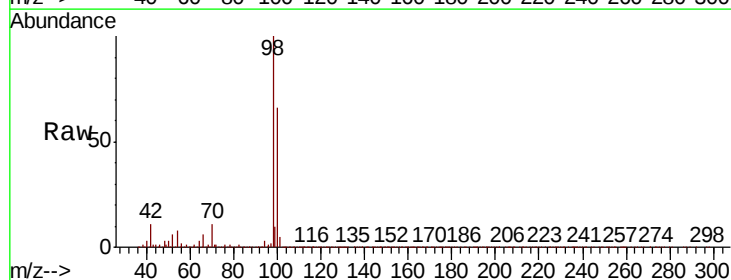
Manual Integrations  
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#50  
Toluene-d8  
Concen: 52.198 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.9  | 52.2  | 78.2  |





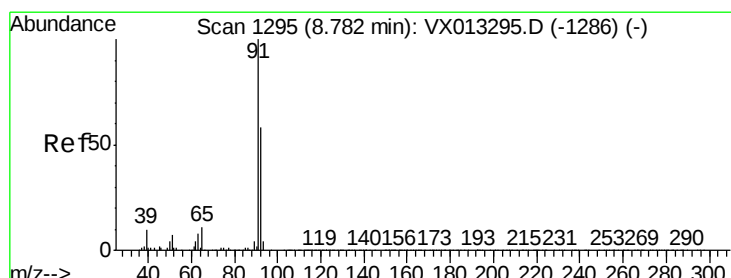
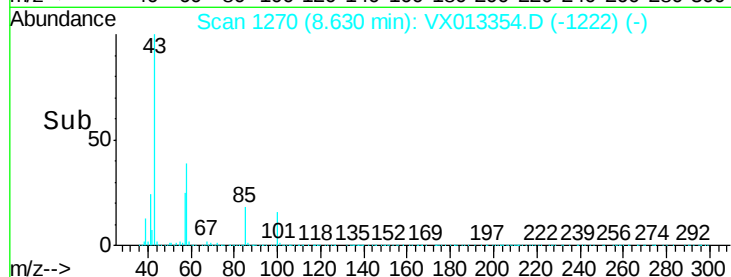
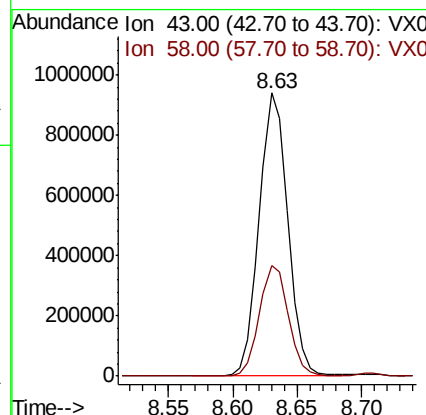
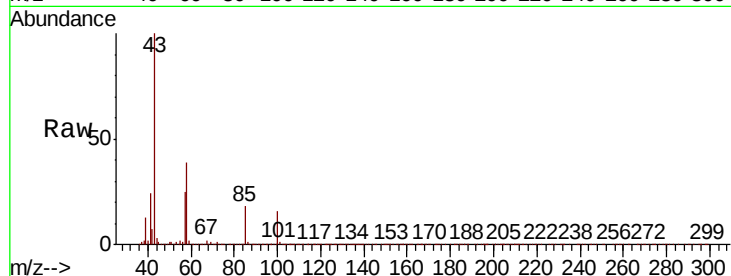
#51  
4-Methyl-2-Pentanone  
Concen: 105.047 ug/l  
RT: 8.63 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

Tot Ion: 43 Resp: 1445729  
Ion Ratio Lower Upper  
43 100  
58 39.4 31.4 47.0

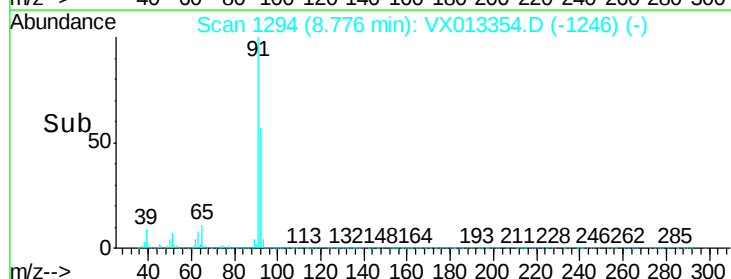
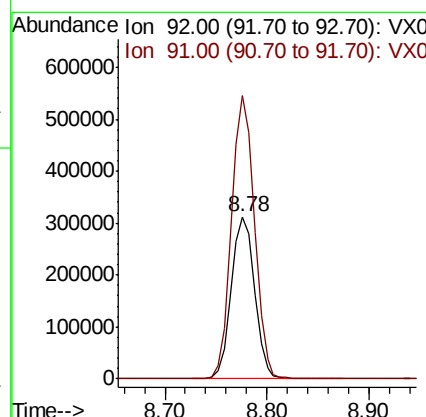
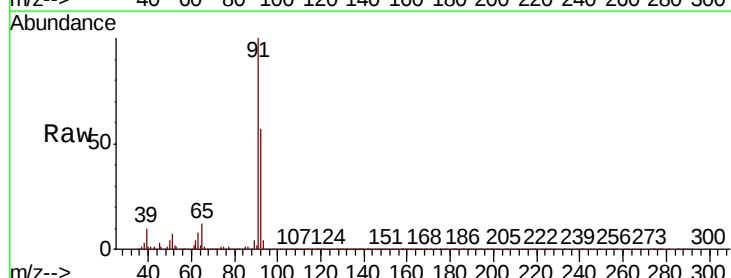
Manual Integrations  
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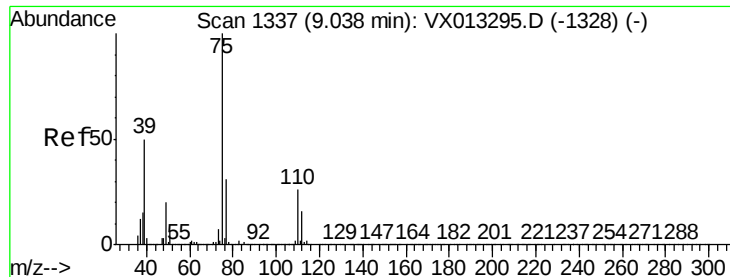
MMDadoda  
11/11/2019 3:34:16 PM



#52  
Toluene  
Concen: 23.275 ug/l  
RT: 8.78 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Tgt Ion: 92 Resp: 489874  
Ion Ratio Lower Upper  
92 100  
91 172.4 138.0 207.0





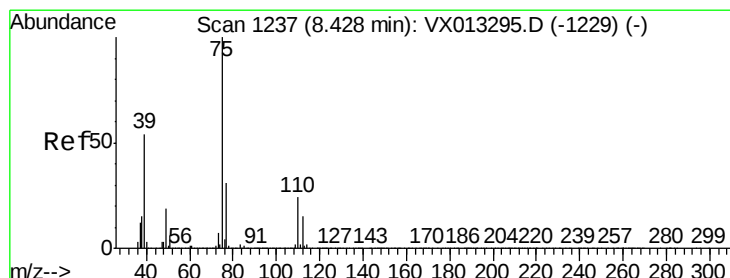
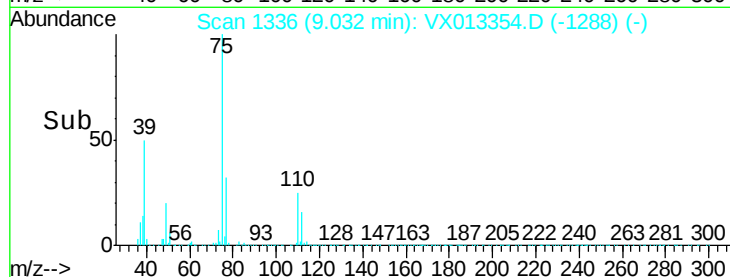
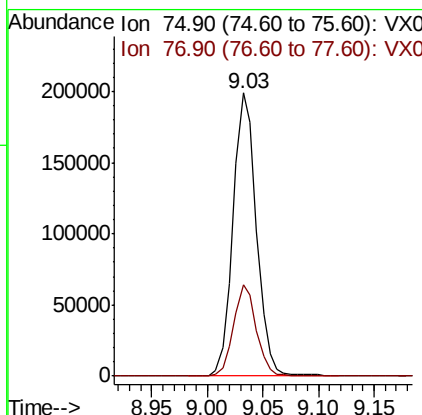
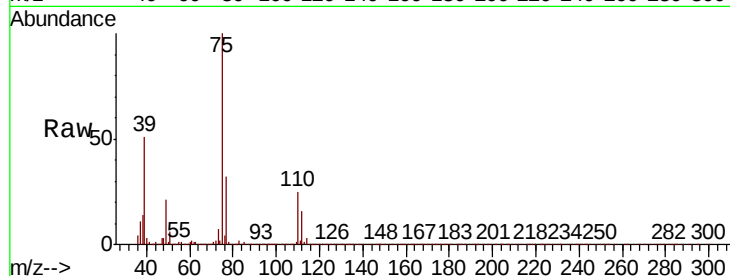
#53  
 t-1,3-Dichloropropene  
 Concen: 23.705 ug/l  
 RT: 9.03 min Scan# 1336  
 Delta R.T. -0.01 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.1  | 25.0  | 37.4  |

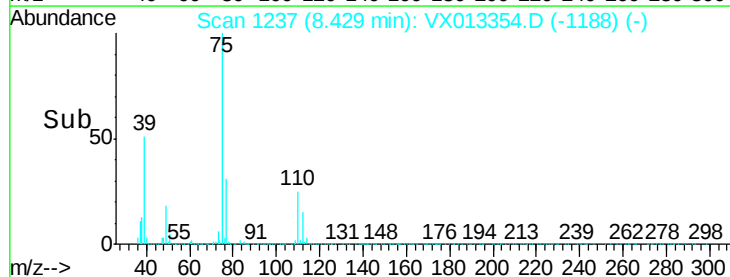
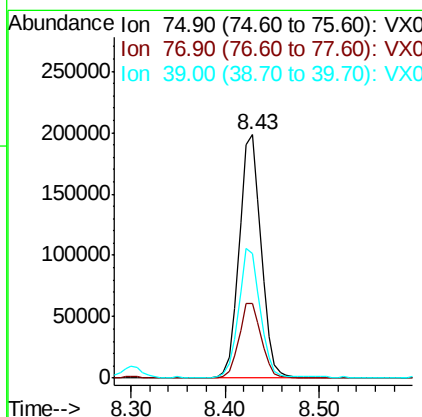
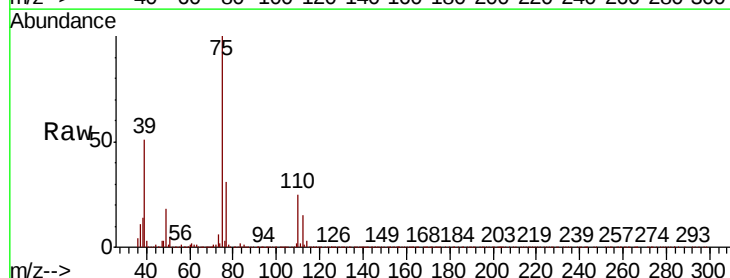
Manual Integrations  
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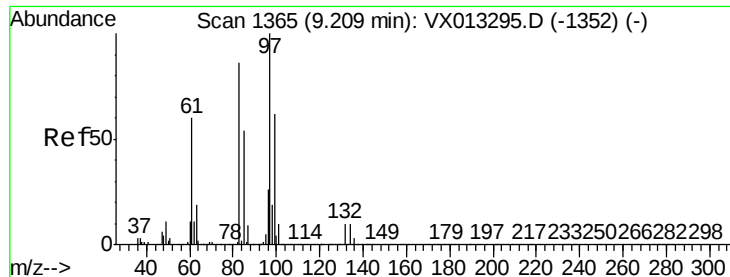
MMDadoda  
 11/11/2019 3:34:16 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 23.359 ug/l  
 RT: 8.43 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.8  | 24.7  | 37.1  |
| 39      | 51.0  | 43.0  | 64.6  |





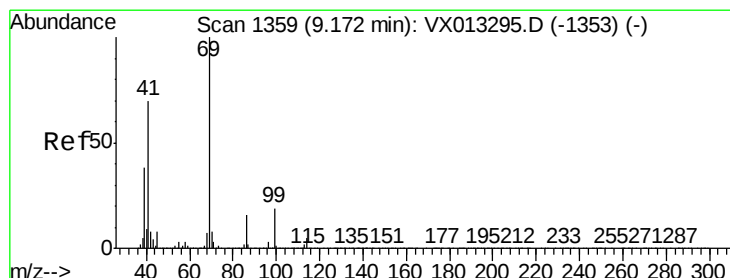
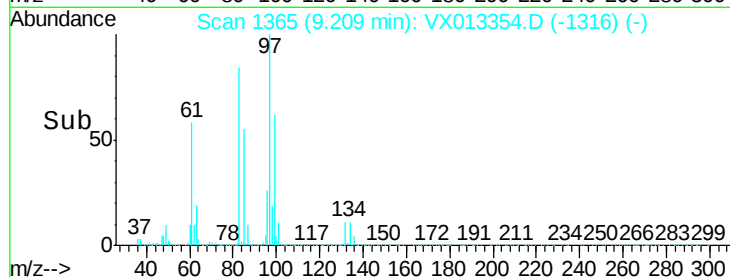
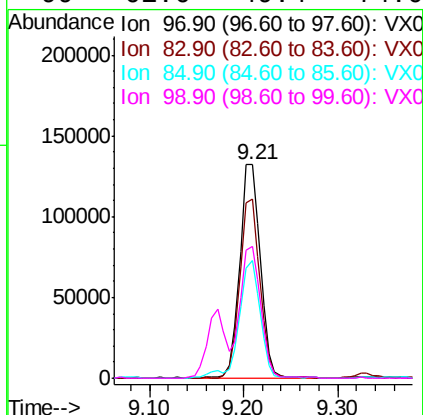
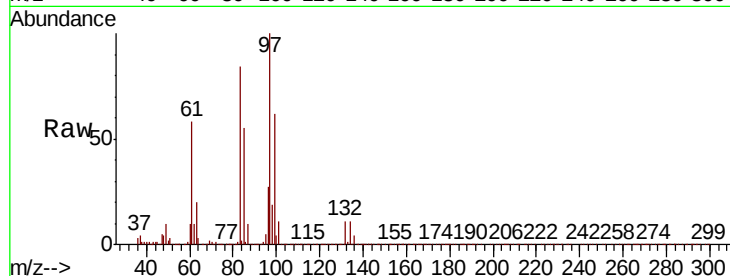
#55  
 1,1,2-Trichloroethane  
 Concen: 23.051 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 201095 |       |       |
| 83      | 84.0 | 68.6  | 103.0  |       |       |
| 85      | 54.9 | 43.1  | 64.7   |       |       |
| 99      | 61.6 | 49.4  | 74.0   |       |       |

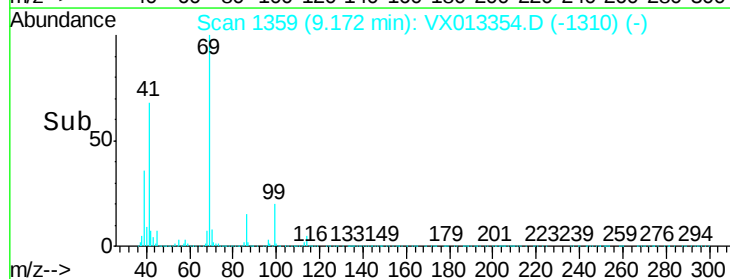
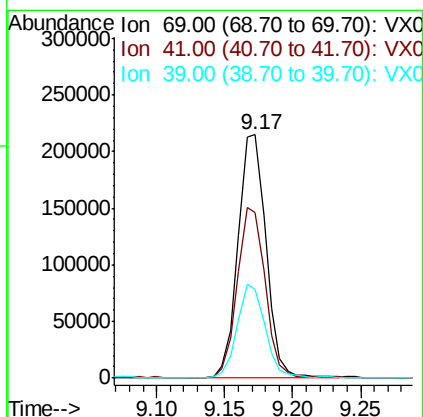
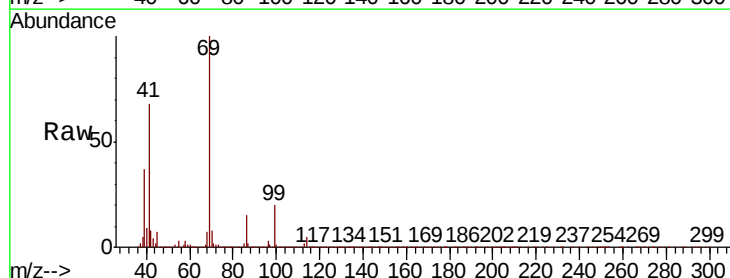
Manual Integrations  
 APPROVED

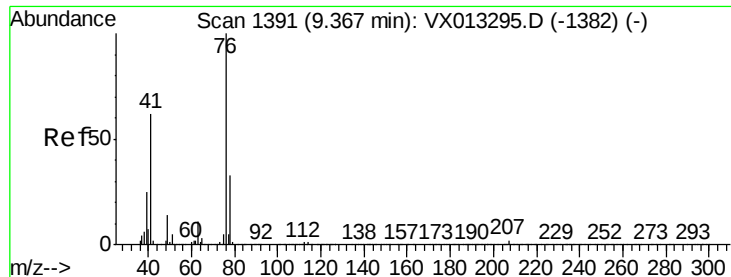
MMDadoda  
 11/11/2019 3:34:16 PM



#56  
 Ethyl methacrylate  
 Concen: 21.670 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 309136 |       |       |
| 41      | 69.8 | 56.2  | 84.2   |       |       |
| 39      | 37.5 | 31.1  | 46.7   |       |       |





#57

1,3-Dichloropropane

Concen: 22.754 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 76 Resp: 336972

Ion Ratio Lower Upper

76 100

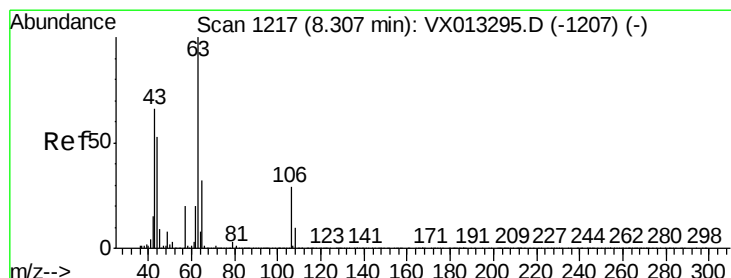
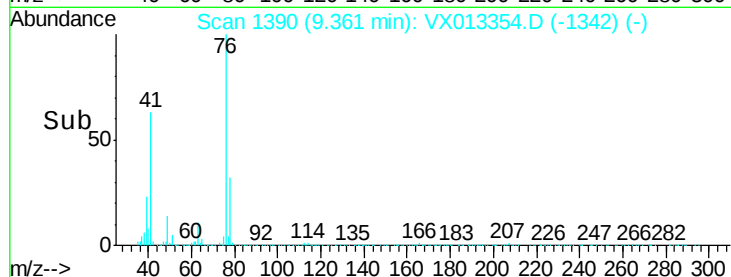
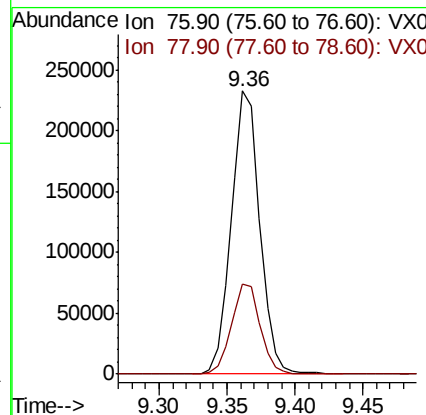
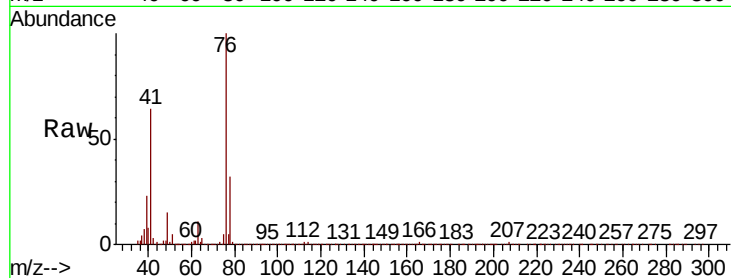
78 31.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 109.344 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013354.D

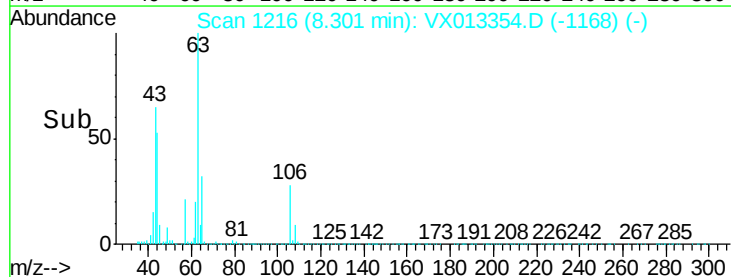
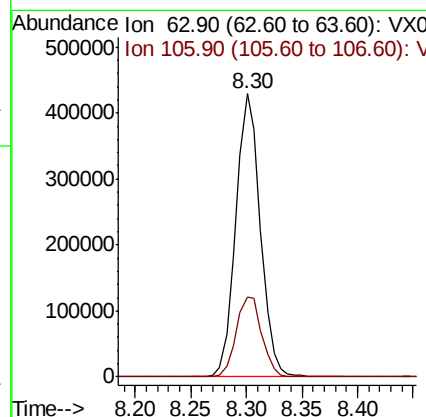
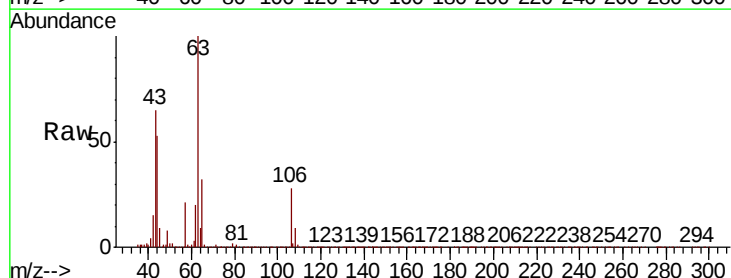
Acq: 08 Nov 2019 11:06

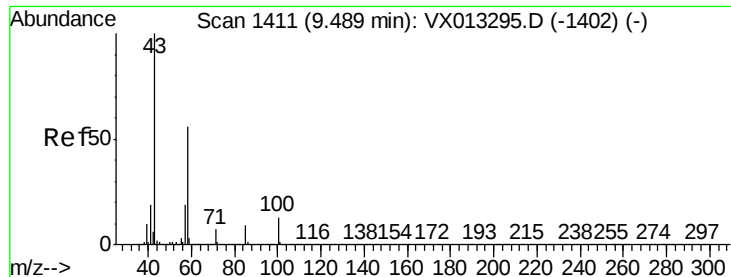
Tgt Ion: 63 Resp: 652242

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2





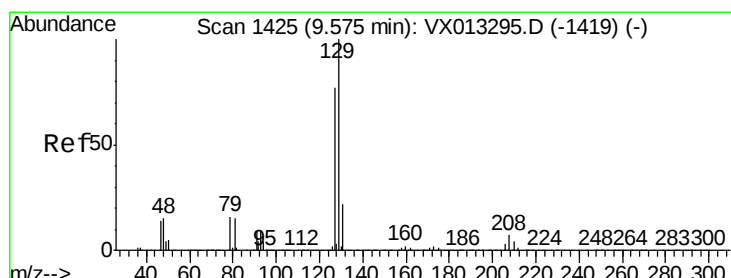
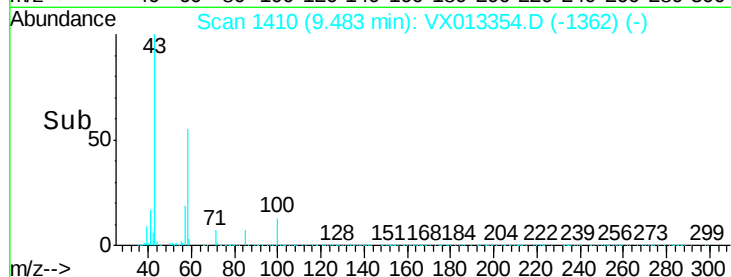
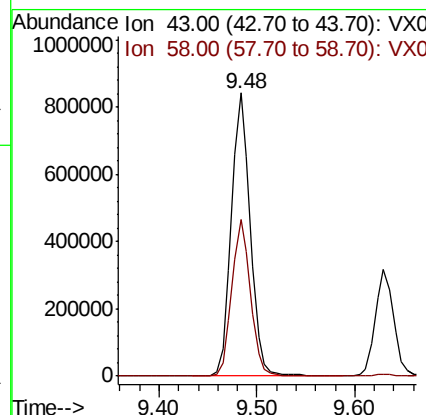
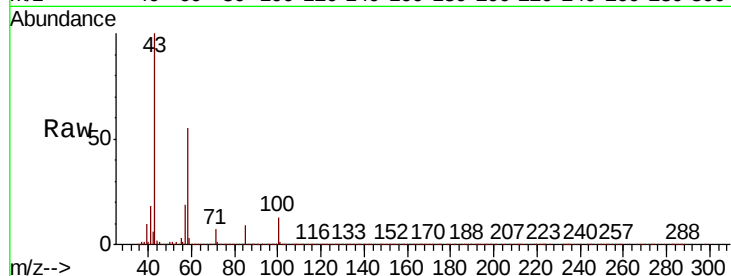
#59  
2-Hexanone  
Concen: 106.016 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

Tot Ion: 43 Resp: 1127532  
Ion Ratio Lower Upper  
43 100  
58 54.8 27.3 81.8

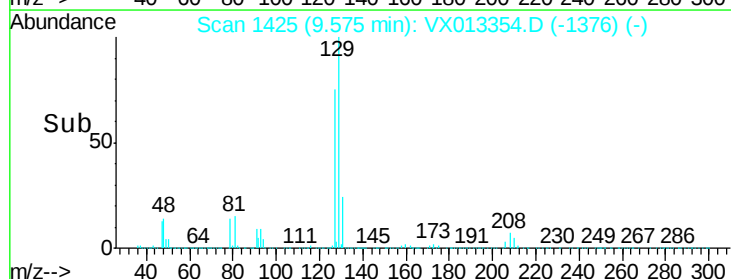
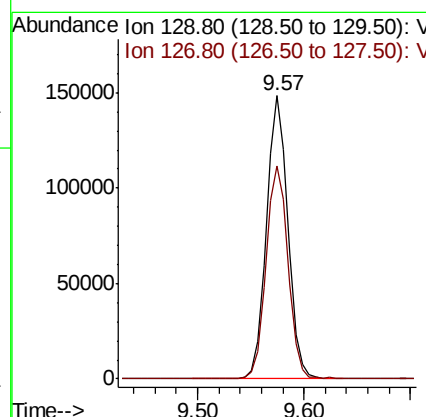
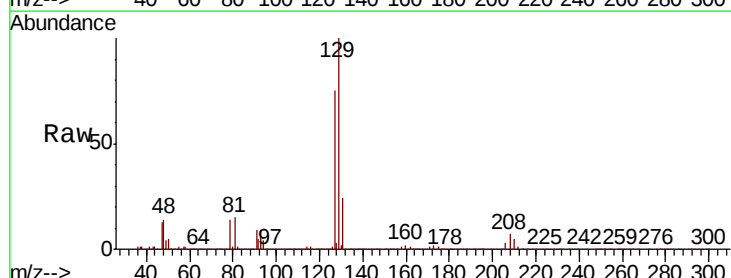
Manual Integrations  
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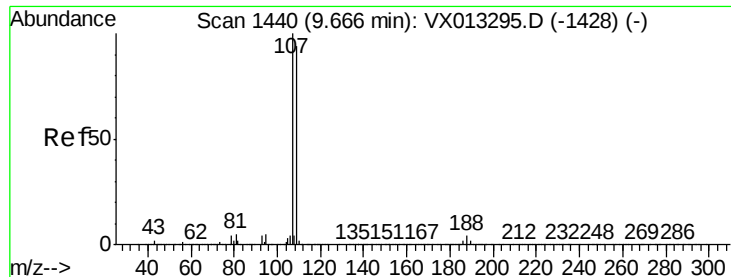
MMDadoda  
11/11/2019 3:34:16 PM



#60  
Dibromochloromethane  
Concen: 23.521 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Tgt Ion: 129 Resp: 209864  
Ion Ratio Lower Upper  
129 100  
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.421 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 107 Resp: 207699

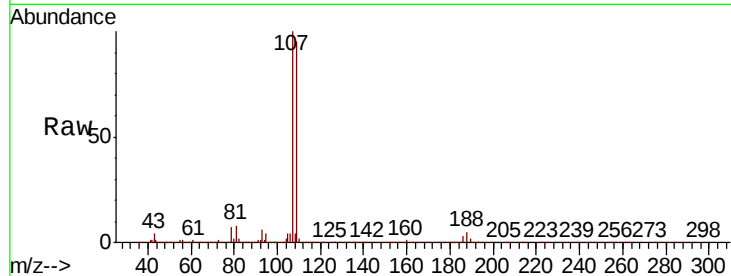
Ion Ratio Lower Upper

107 100

109 94.2 75.1 112.7

Manual Integrations  
APPROVED

MMDadoda  
11/11/2019 3:34:16 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

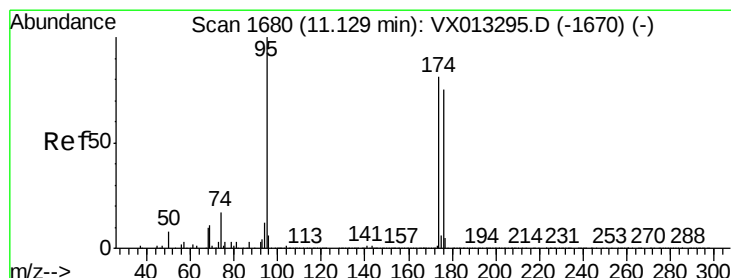
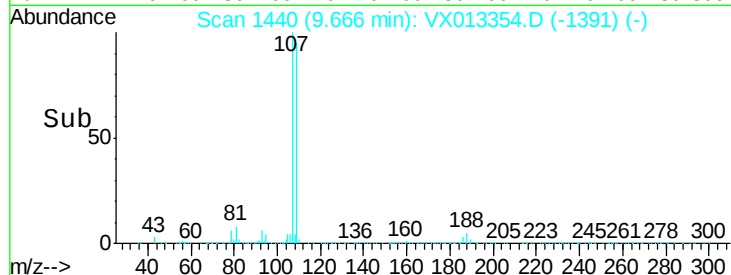
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.821 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

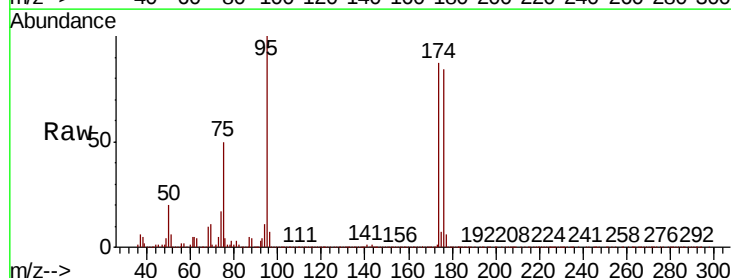
Tgt Ion: 95 Resp: 561980

Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.8

176 87.4 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

300000

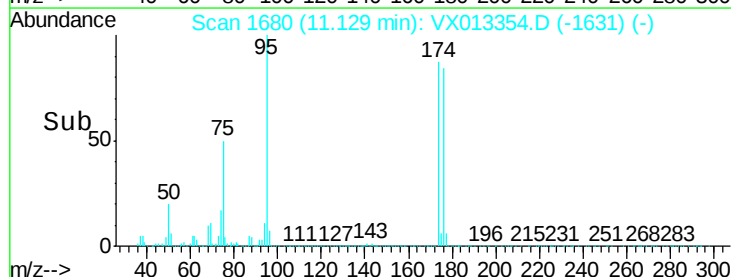
200000

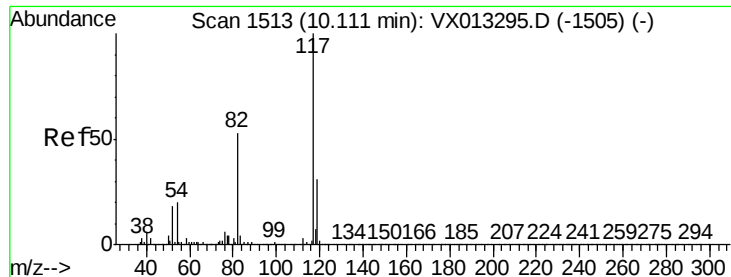
100000

0

11.05 11.10 11.15 11.20

Time-->





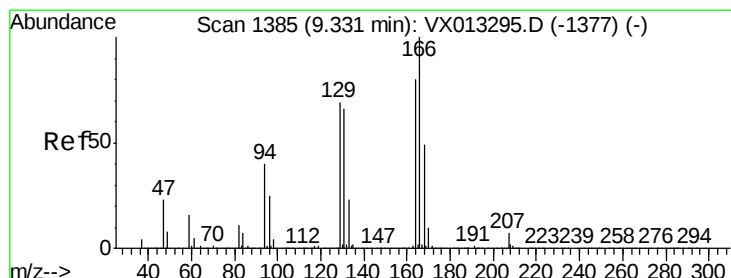
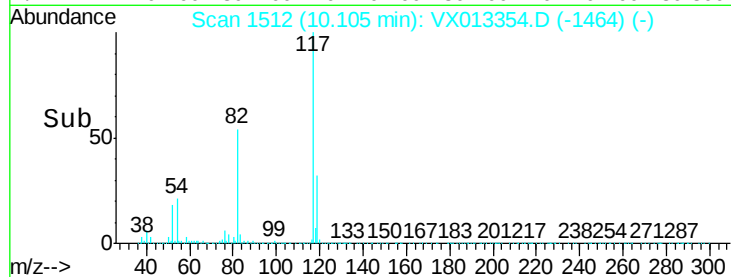
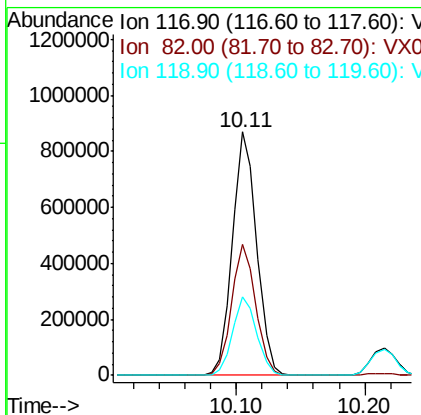
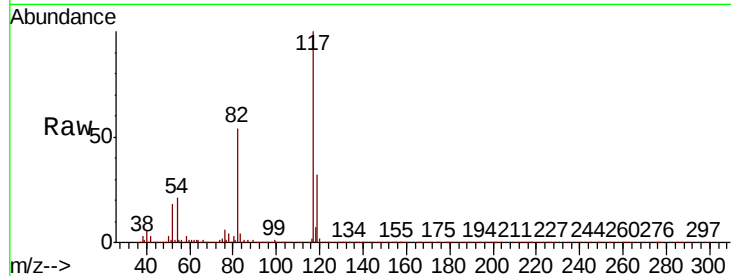
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.9  | 42.6  | 64.0  |
| 119     | 32.1  | 24.8  | 37.2  |

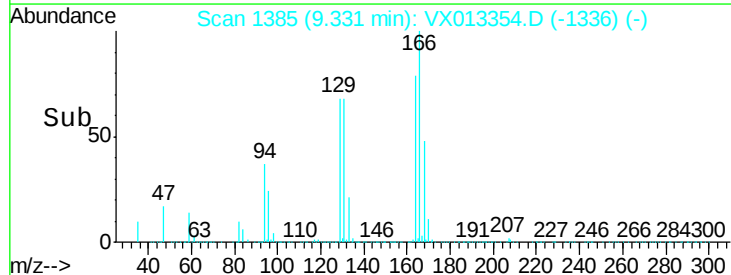
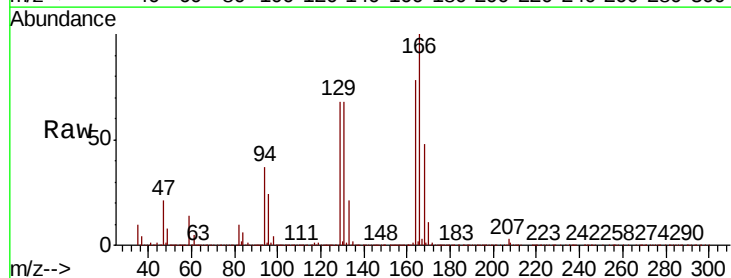
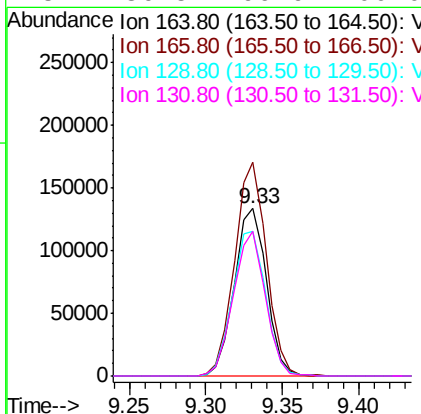
Manual Integrations  
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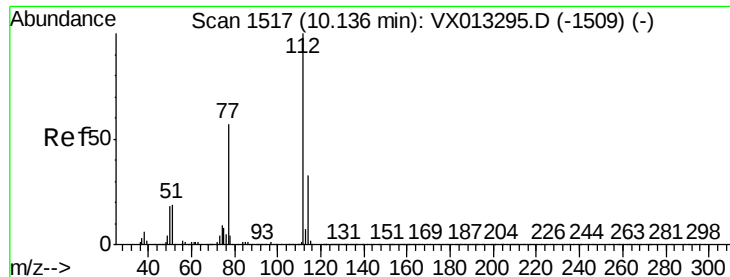
MMDadoda  
11/11/2019 3:34:16 PM



#64  
Tetrachloroethene  
Concen: 23.817 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.3 | 100.4 | 150.6 |
| 129     | 86.3  | 69.4  | 104.2 |
| 131     | 86.5  | 66.6  | 100.0 |





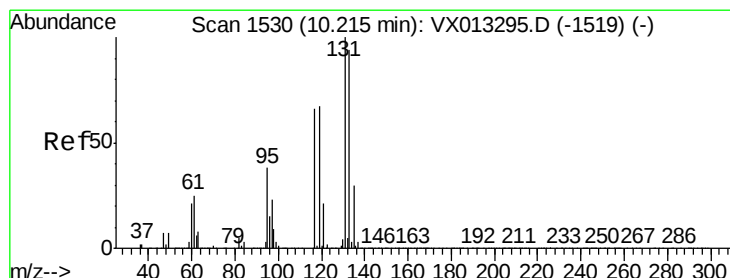
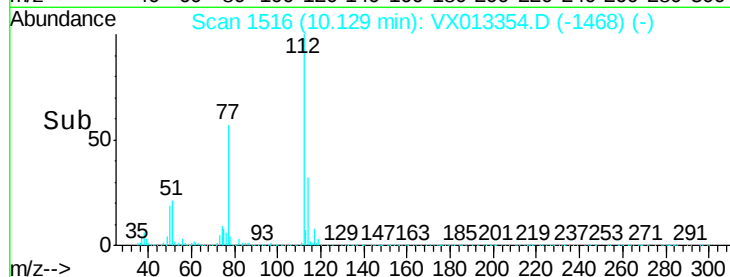
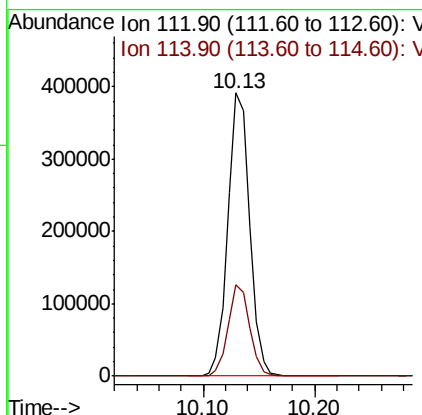
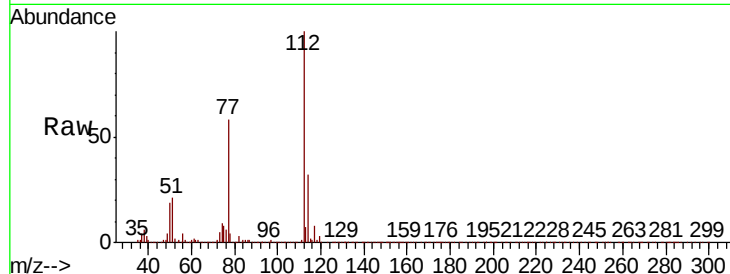
#65  
Chlorobenzene  
Concen: 22.895 ug/l  
RT: 10.13 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.0  | 26.4  | 39.6  |

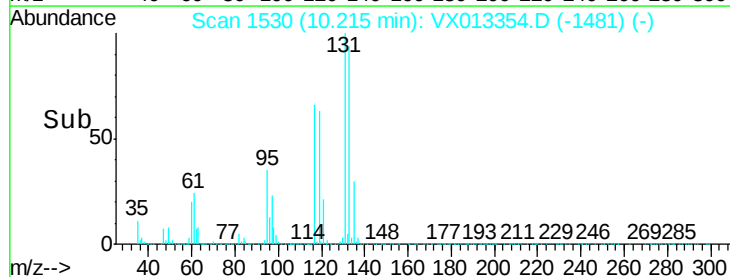
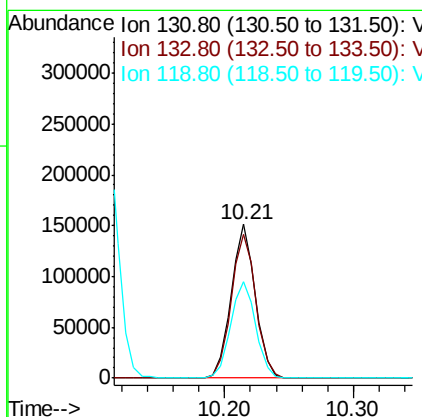
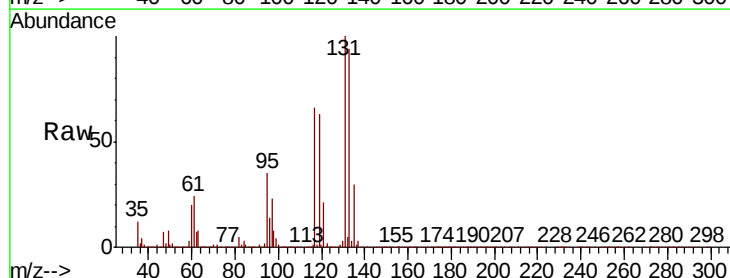
Manual Integrations  
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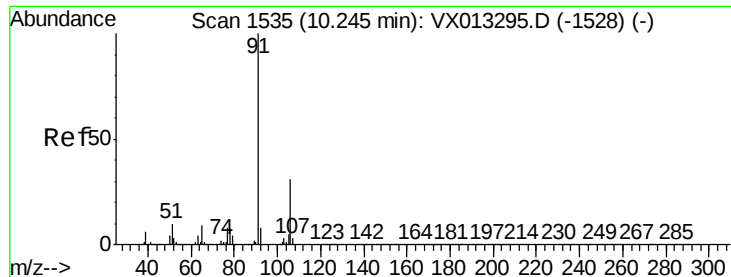
MMDadoda  
11/11/2019 3:34:16 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.278 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.8  | 48.0  | 144.0 |
| 119     | 64.9  | 33.0  | 99.0  |





#67

Ethyl Benzene

Concen: 23.515 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 91 Resp: 938575

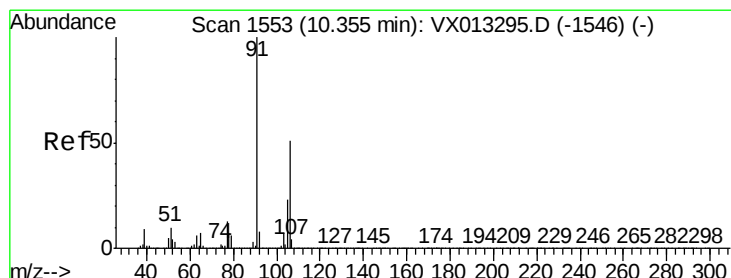
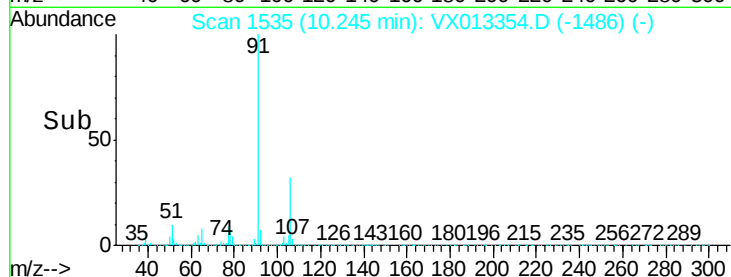
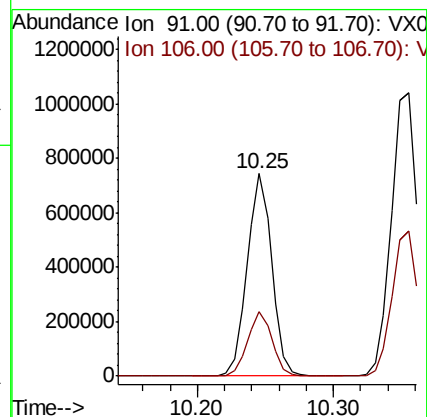
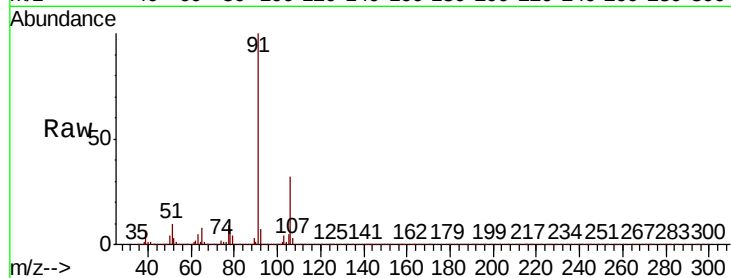
Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8

Manual Integrations  
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11/11/2019 3:34:16 PM



#68

m/p-Xylenes

Concen: 47.540 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013354.D

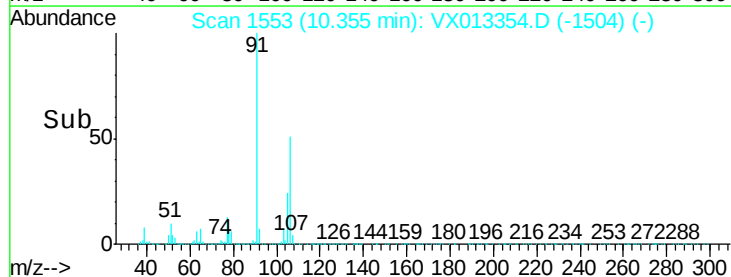
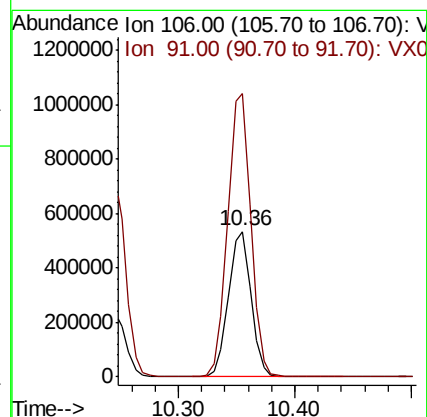
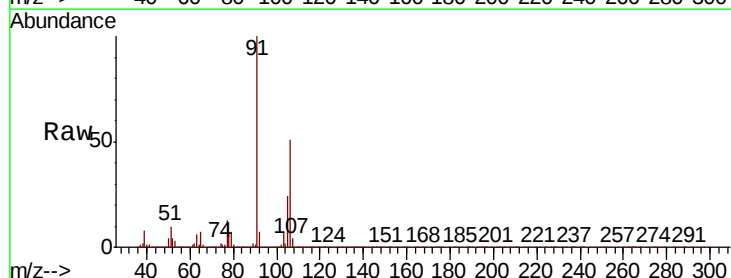
Acq: 08 Nov 2019 11:06

Tgt Ion: 106 Resp: 717626

Ion Ratio Lower Upper

106 100

91 199.6 159.3 238.9





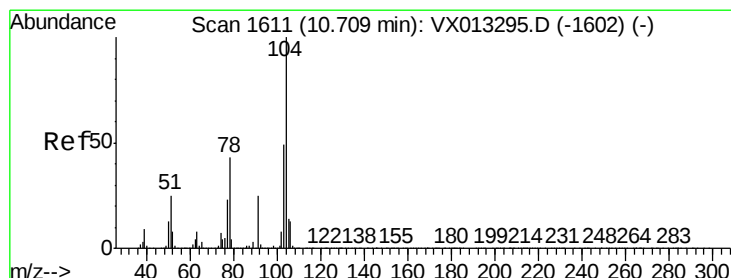
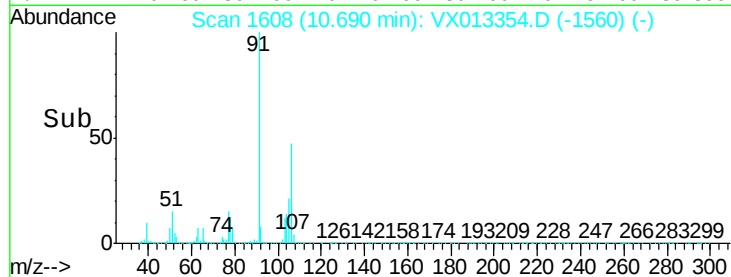
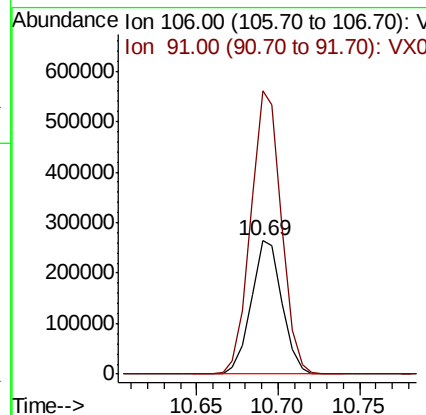
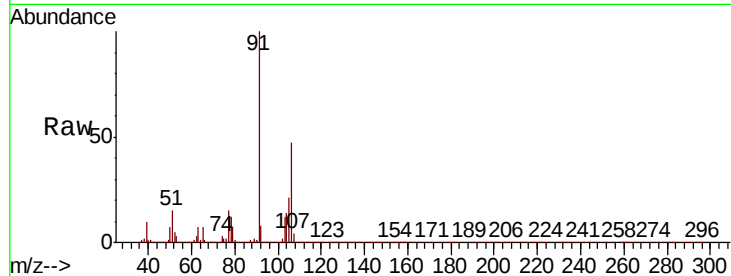
#69  
o-Xylene  
Concen: 23.451 ug/l  
RT: 10.69 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

Tot Ion:106 Resp: 346581  
Ion Ratio Lower Upper  
106 100  
91 211.5 105.7 317.0

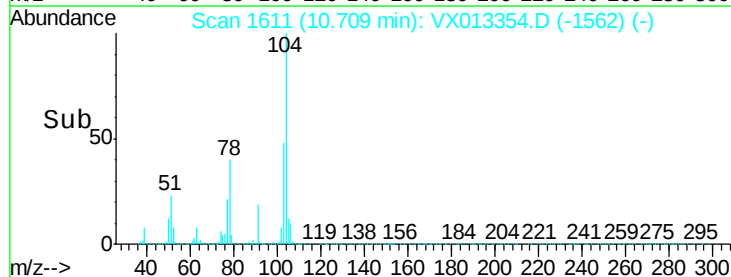
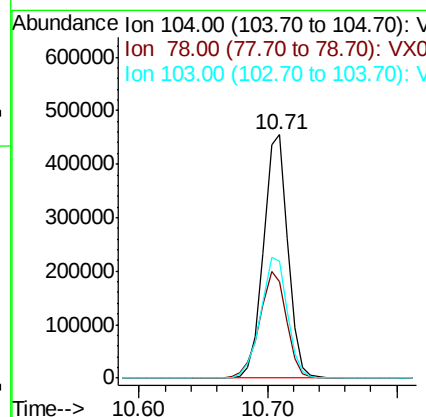
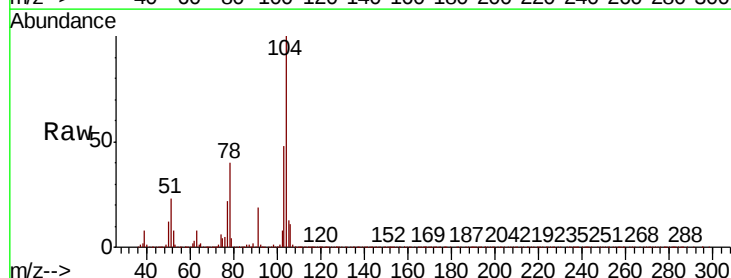
Manual Integrations  
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11/11/2019 3:34:16 PM



#70  
Styrene  
Concen: 23.907 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Tgt Ion:104 Resp: 590608  
Ion Ratio Lower Upper  
104 100  
78 48.0 40.0 60.0  
103 54.4 44.1 66.1





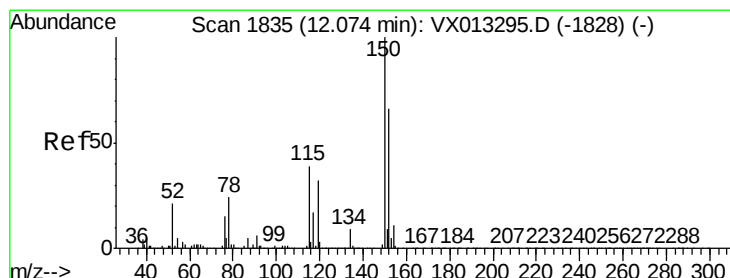
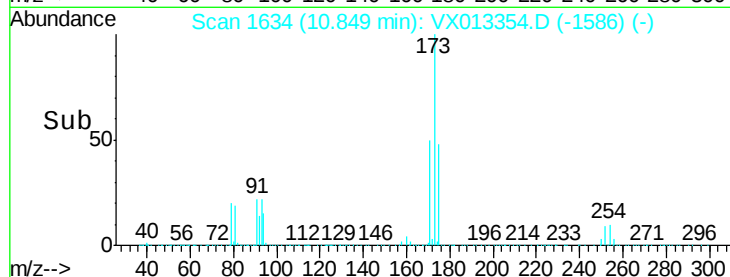
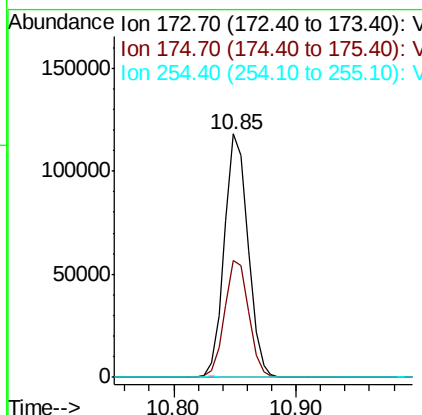
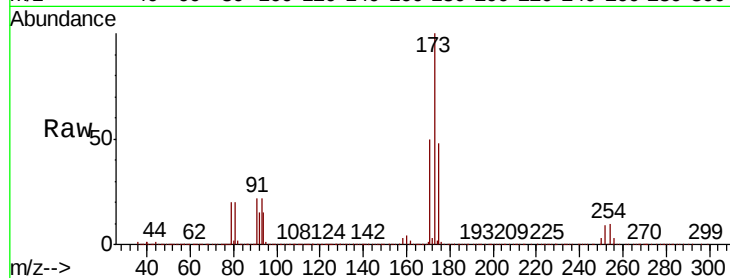
#71  
Bromoform  
Concen: 21.960 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 24.8  | 74.4  |
| 254     | 0.2   | 0.2   | 0.2   |

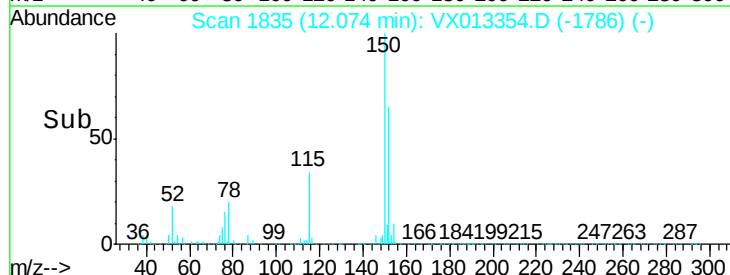
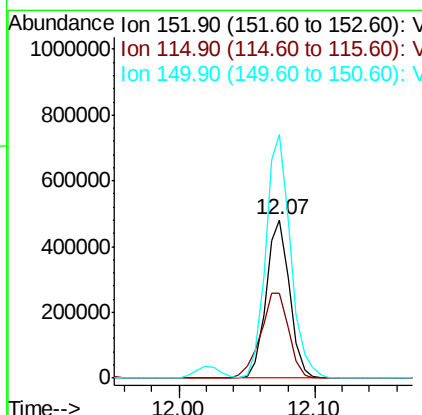
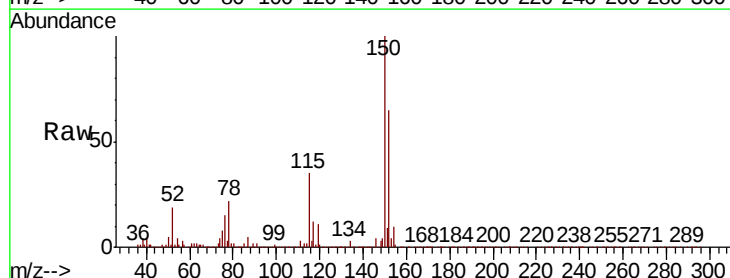
Manual Integrations  
APPROVED

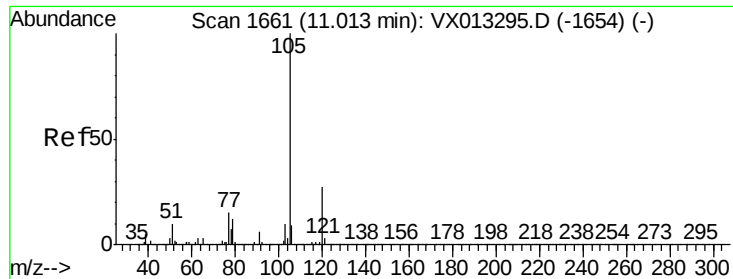
MMDadoda  
11/11/2019 3:34:16 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 65.1  | 39.5  | 118.3 |
| 150     | 163.0 | 0.0   | 344.4 |





#73

Isopropylbenzene

Concen: 24.049 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 105 Resp: 925276

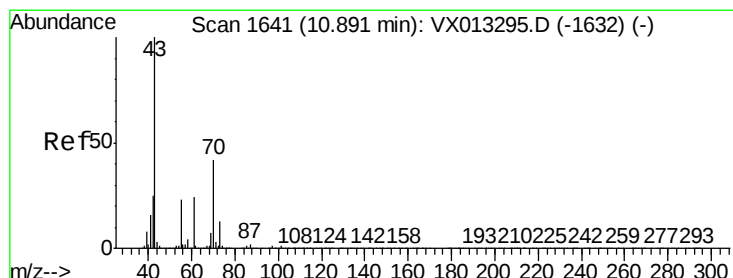
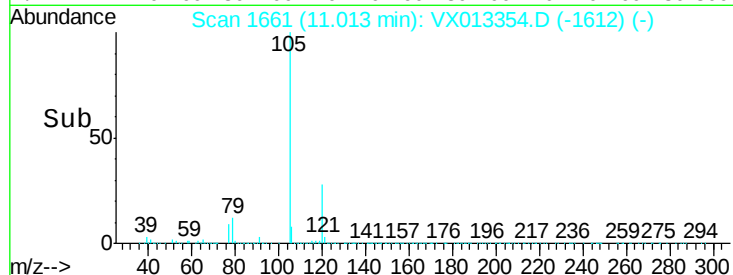
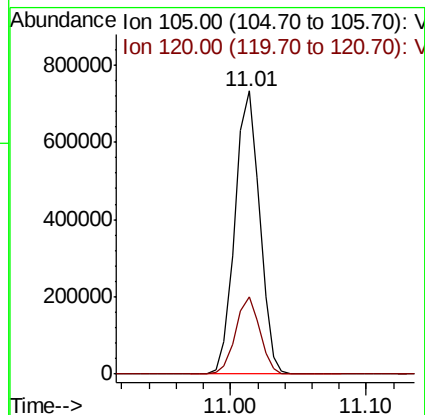
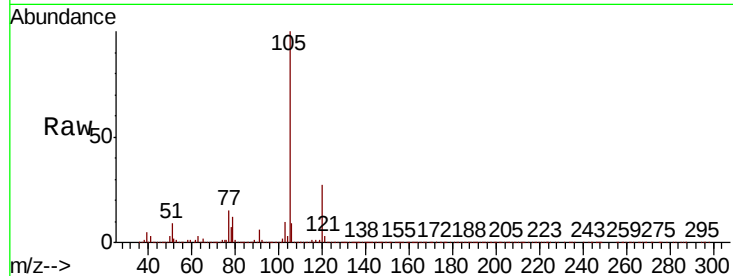
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

Manual Integrations  
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11/11/2019 3:34:16 PM



#74

N-ethyl acetate

Concen: 23.054 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Tgt Ion: 43 Resp: 411314

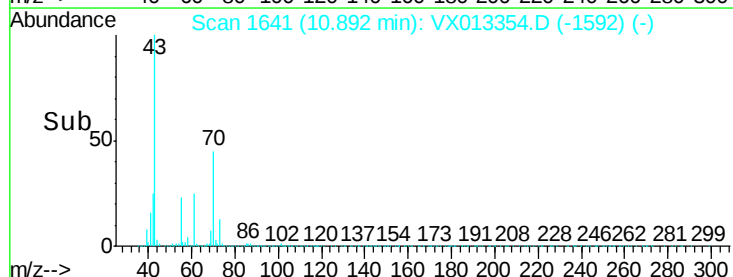
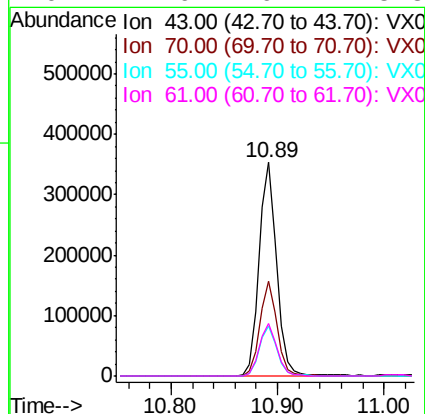
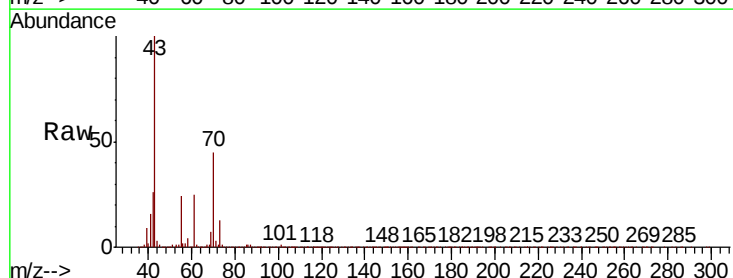
Ion Ratio Lower Upper

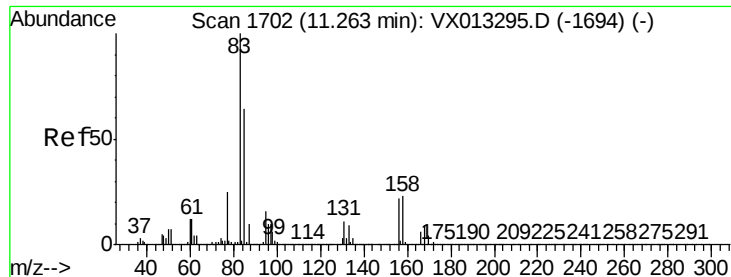
43 100

70 43.4 34.1 51.1

55 23.6 18.9 28.3

61 24.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.097 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 83 Resp: 310156  
Ion Ratio Lower Upper

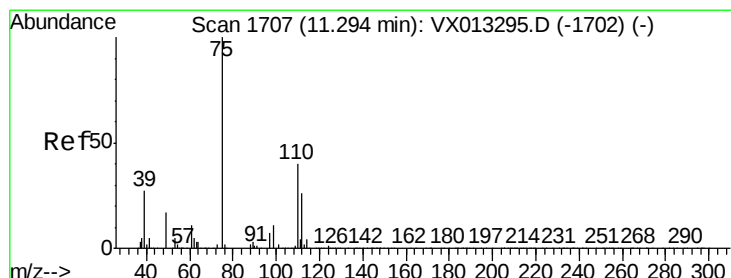
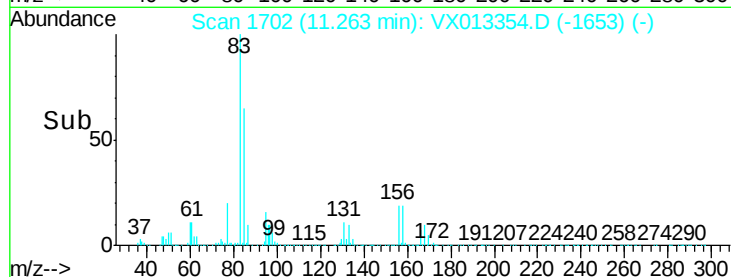
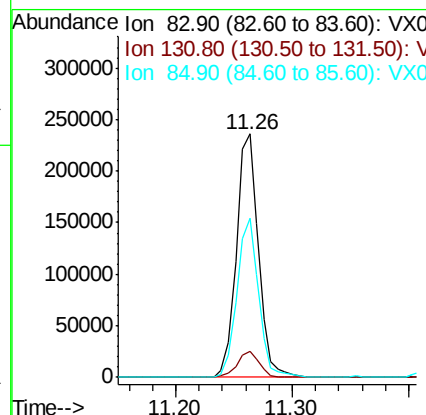
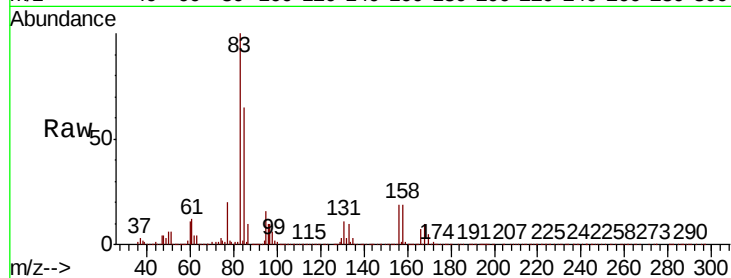
83 100

131 10.5 5.1 15.3

85 64.8 32.3 96.8

Manual Integrations  
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MMDadoda  
11/11/2019 3:34:16 PM



#76

1,2,3-Trichloropropane

Concen: 21.762 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

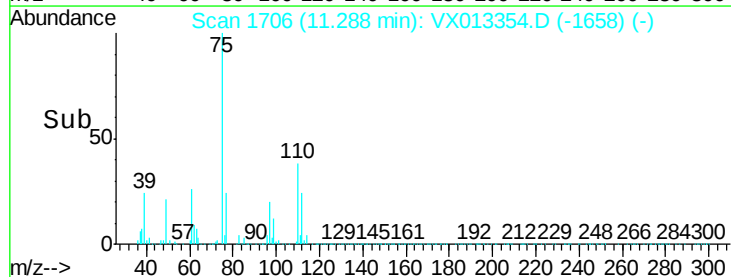
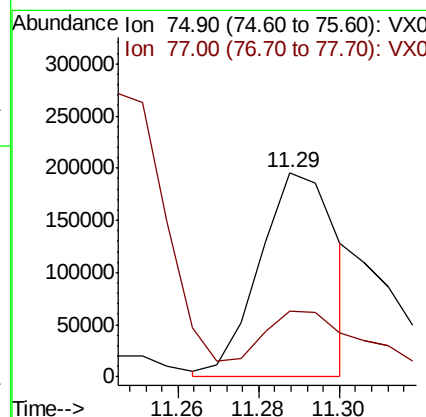
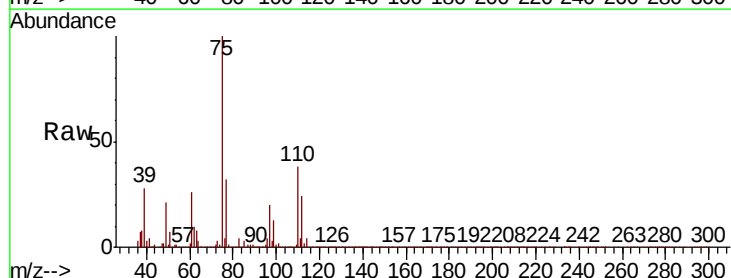
Lab File: VX013354.D

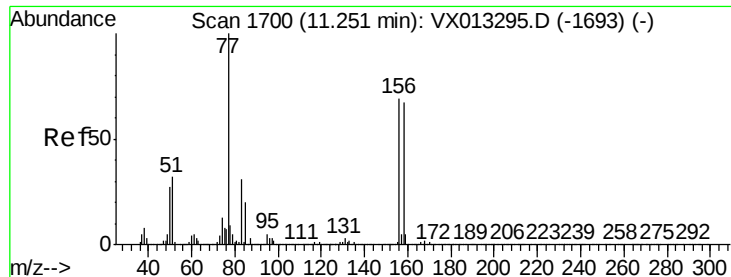
Acq: 08 Nov 2019 11:06

Tgt Ion: 75 Resp: 256506  
Ion Ratio Lower Upper

75 100

77 44.2 22.3 66.8





#77

Bromobenzene

Concen: 23.377 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

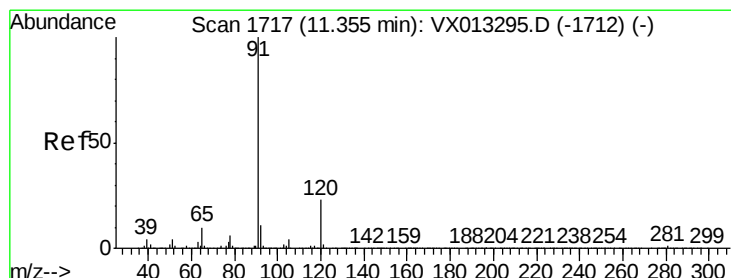
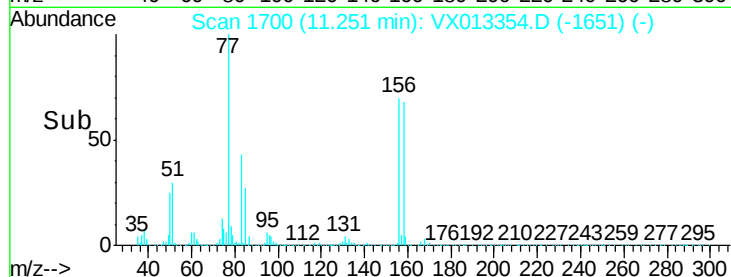
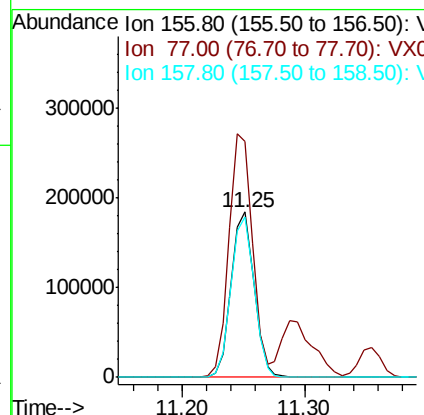
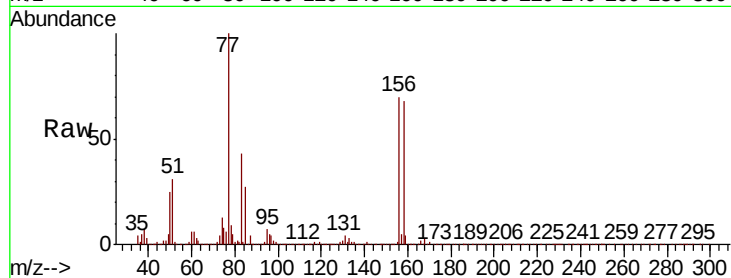
ClientSampleId :

VX1108WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 239772 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 150.1 | 75.8  | 227.4  |
| 158       | 97.8  | 47.6  | 142.8  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 24.525 ug/l

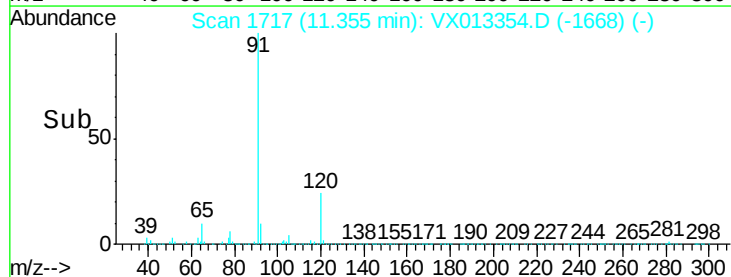
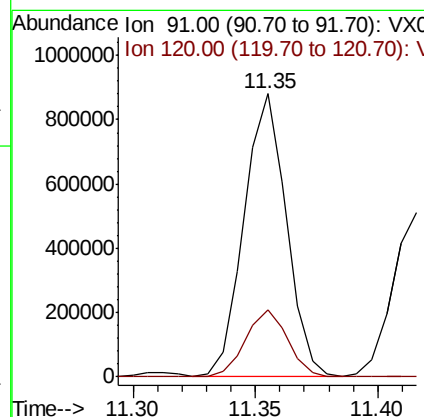
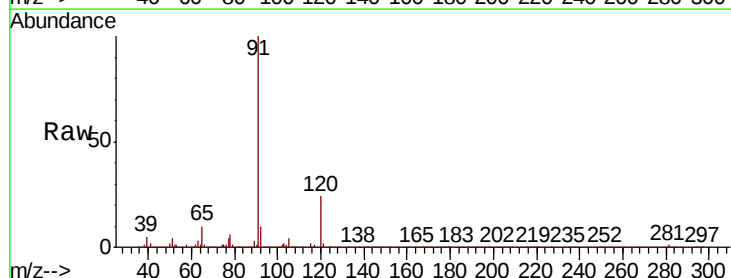
RT: 11.35 min Scan# 1717

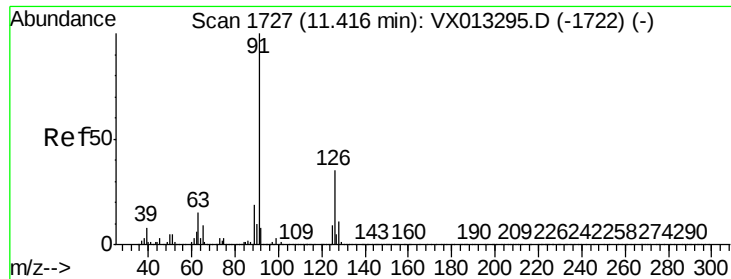
Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1051120 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.7  | 11.6  | 34.8    |





#79

2-Chlorotoluene

Concen: 24.098 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion: 91 Resp: 622255

Ion Ratio Lower Upper

91 100

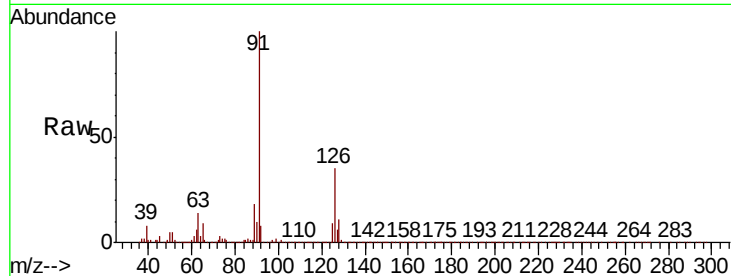
126 34.7 17.3 52.0

Manual Integrations

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11/11/2019 3:34:16 PM



Abundance Ion 91.00 (90.70 to 91.70): VX013354.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013354.D (-1678) (-)

1000000

800000

600000

400000

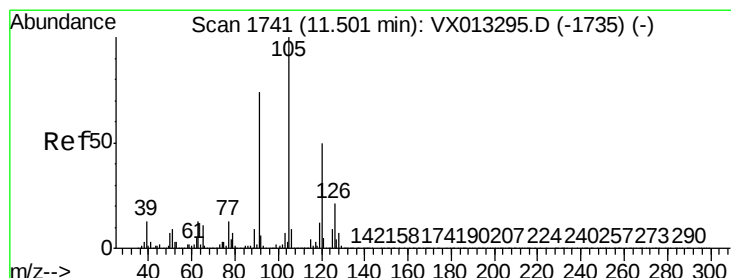
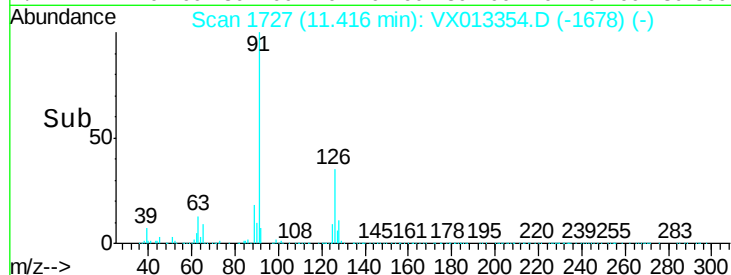
200000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 24.485 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013354.D

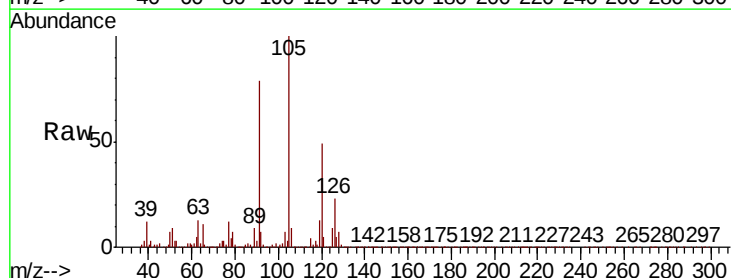
Acq: 08 Nov 2019 11:06

Tgt Ion: 105 Resp: 784675

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX013354.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013354.D (-1692) (-)

600000

400000

200000

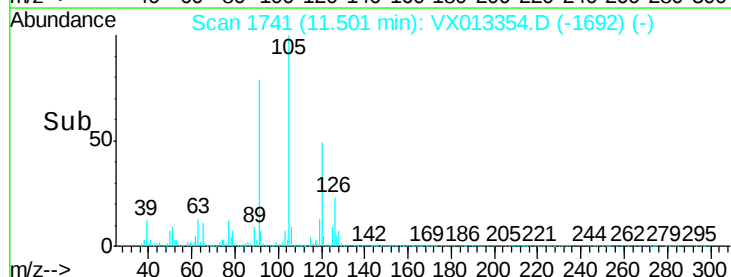
0

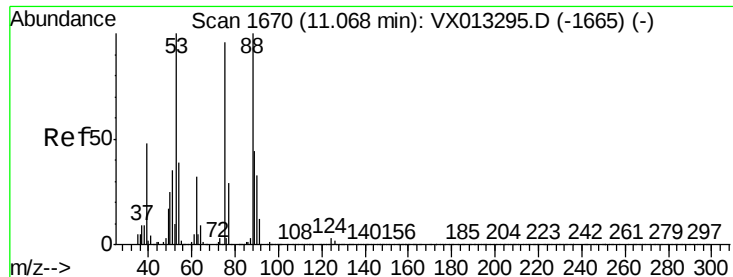
11.50

11.55

11.60

Time-->





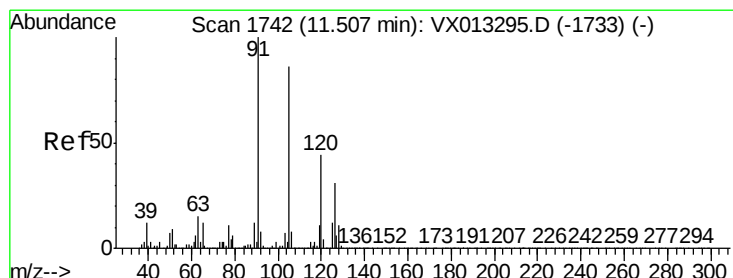
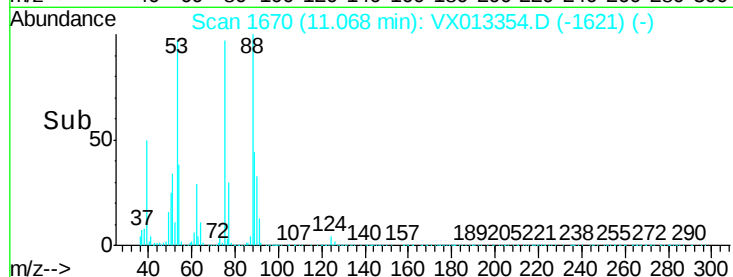
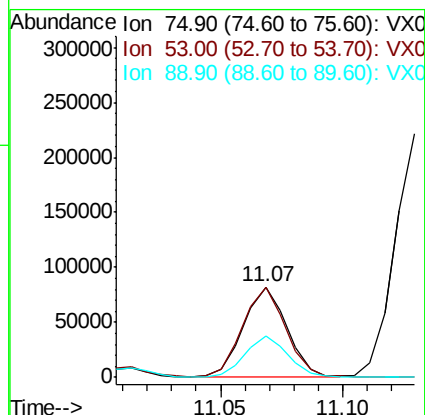
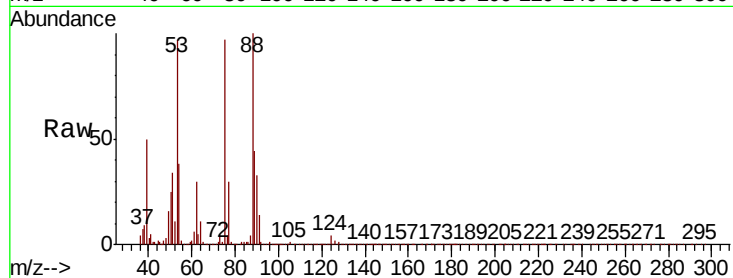
#81  
trans-1,4-Dichloro-2-butene  
Concen: 22.103 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 99.5  | 81.0  | 121.6 |
| 89      | 44.6  | 36.0  | 54.0  |

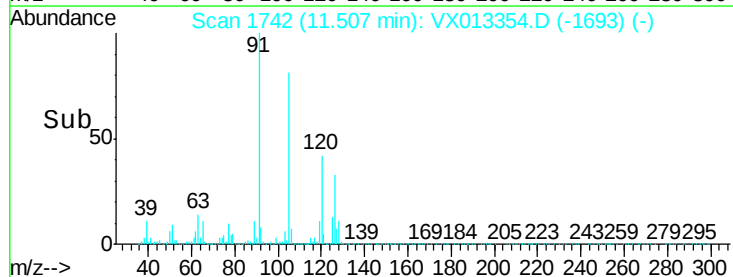
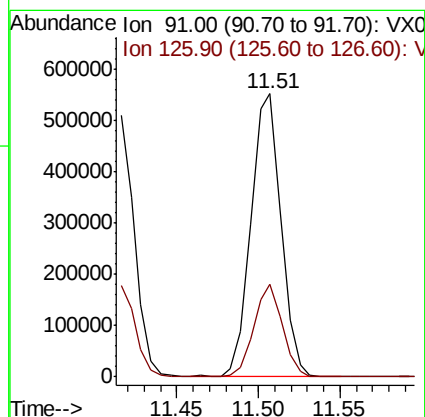
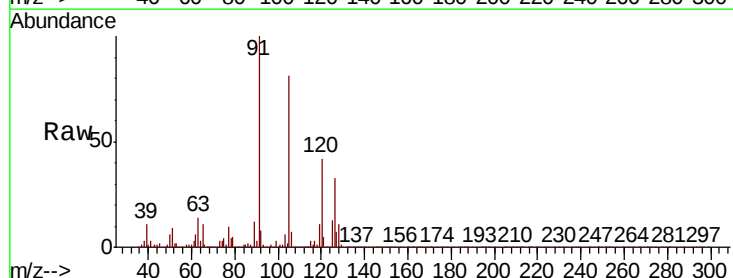
Manual Integrations  
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MMDadoda  
11/11/2019 3:34:16 PM



#82  
4-Chlorotoluene  
Concen: 23.513 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.9  | 15.3  | 45.8  |





#83

tert-Butylbenzene

Concen: 24.480 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

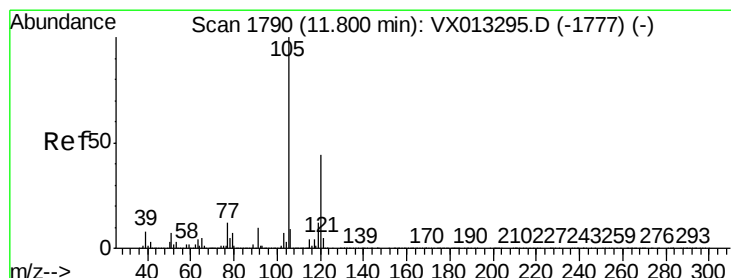
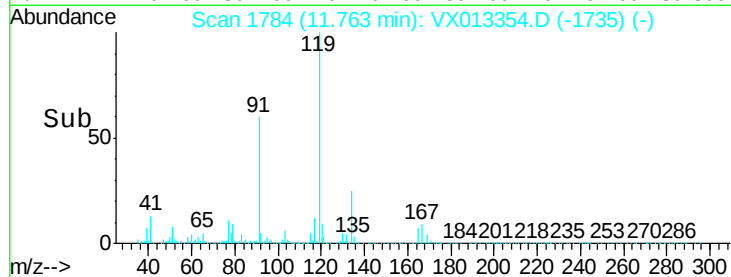
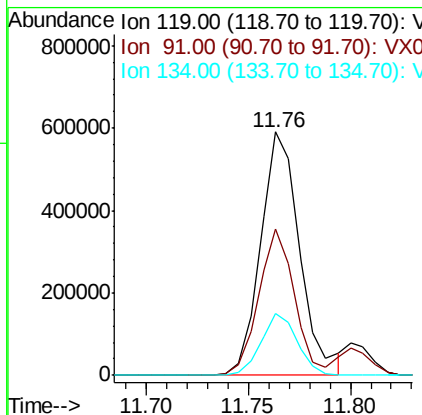
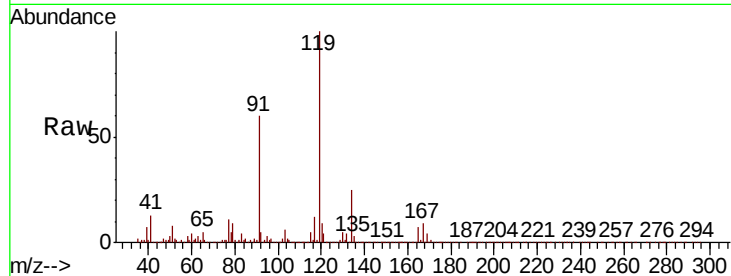
ClientSampleId :

VX1108WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 789740 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 54.8  | 26.9  | 80.7   |
| 134       | 23.5  | 11.7  | 35.1   |

Manual Integrations  
APPROVED

MMDadoda  
11/11/2019 3:34:16 PM



#84

1,2,4-Trimethylbenzene

Concen: 24.336 ug/l

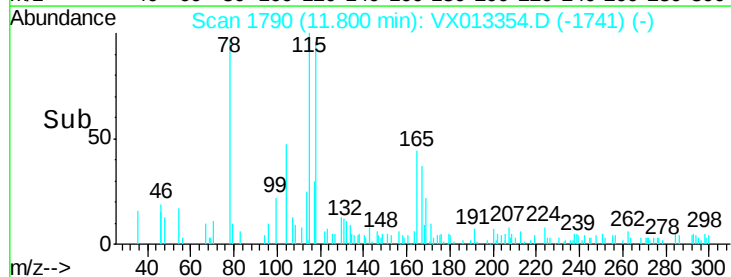
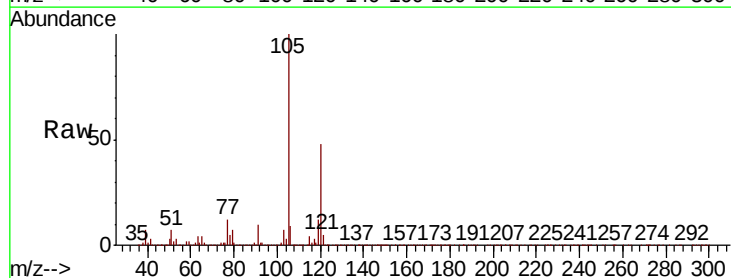
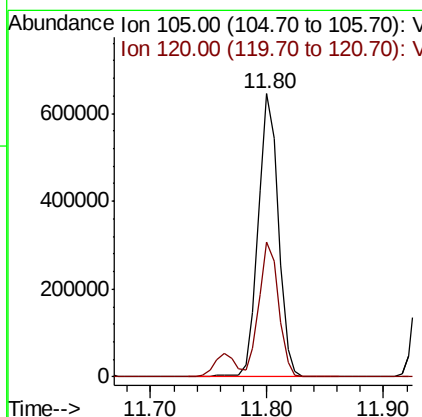
RT: 11.80 min Scan# 1790

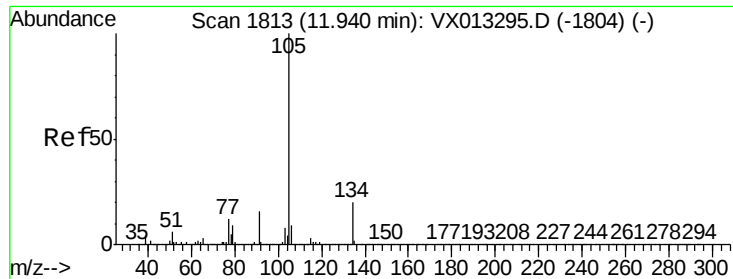
Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 782355 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 46.1  | 22.7  | 68.1   |





#85

sec-Butylbenzene

Concen: 24.461 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

ClientSampleId :

VX1108WBS01

Tot Ion:105 Resp: 906916

Ion Ratio Lower Upper

105 100

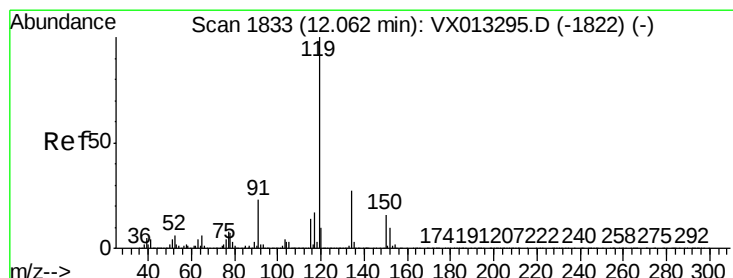
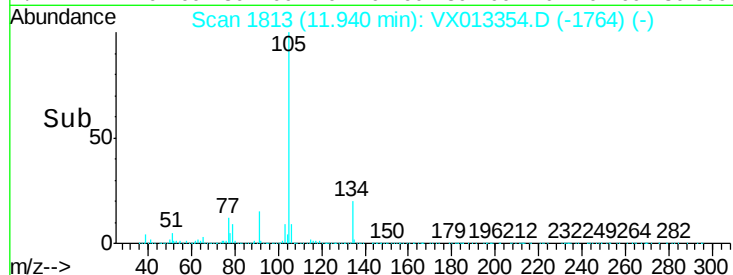
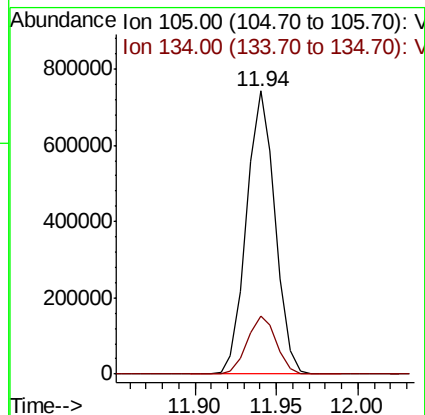
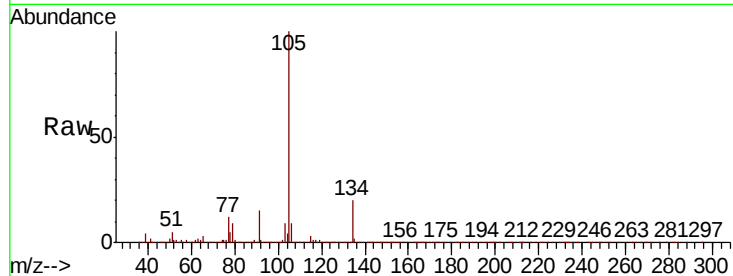
134 20.7 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 24.377 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

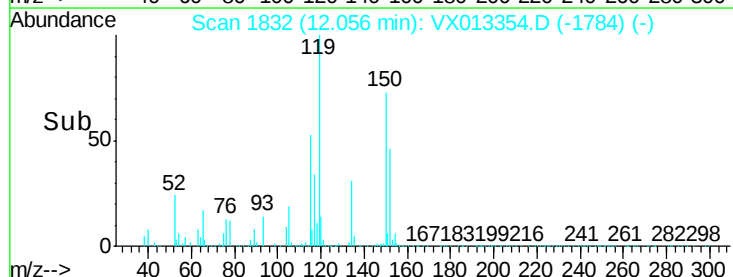
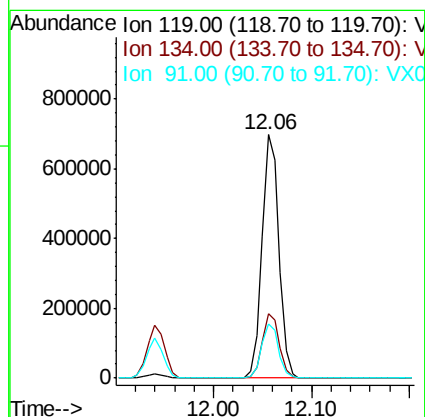
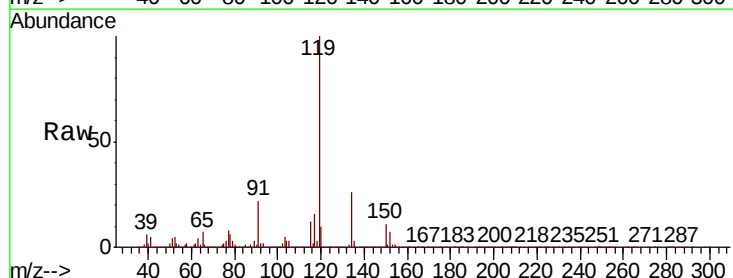
Tgt Ion:119 Resp: 832271

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.5 11.5 34.4





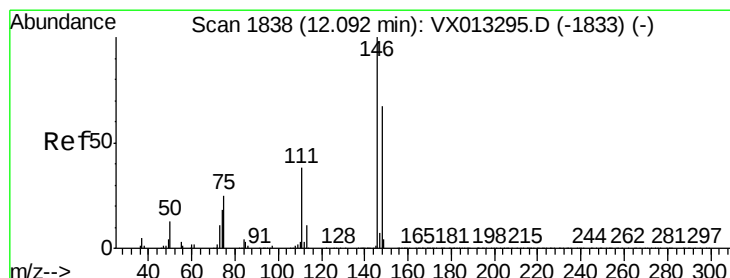
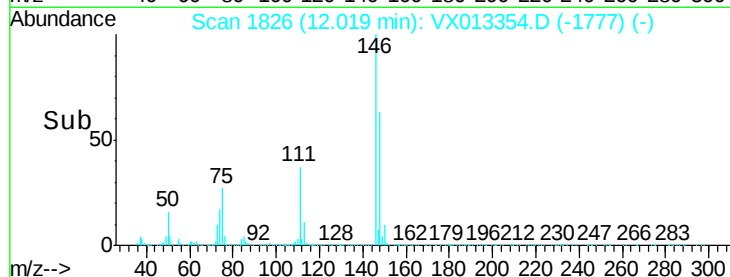
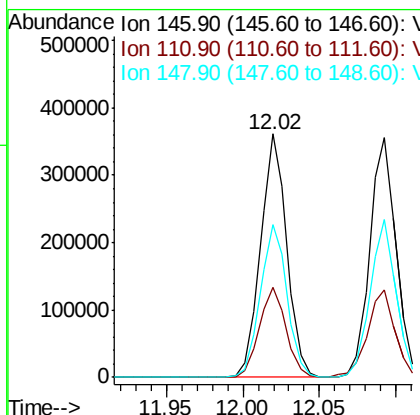
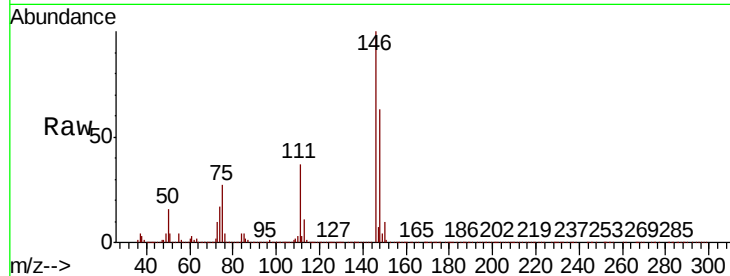
#87  
 1,3-Dichlorobenzene  
 Concen: 23.680 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.9  | 56.5  |
| 148     | 63.9  | 31.9  | 95.7  |

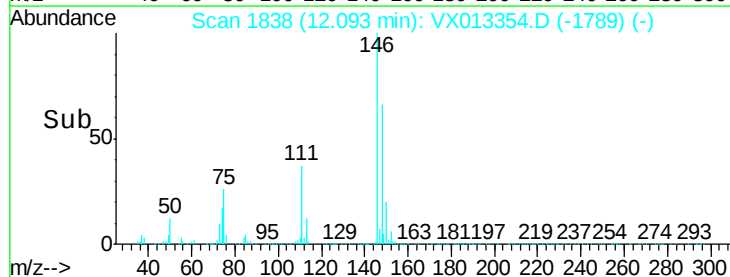
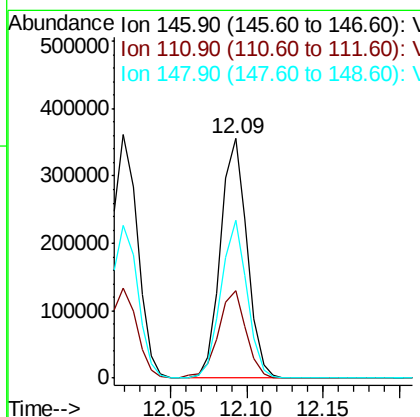
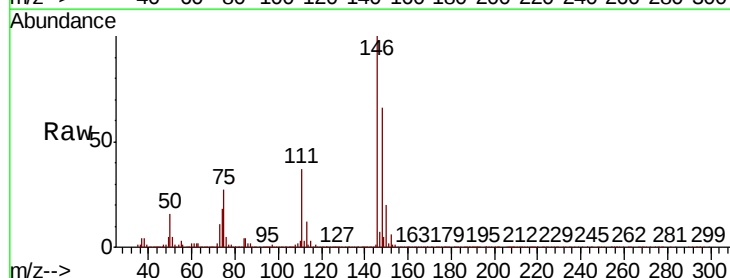
Manual Integrations  
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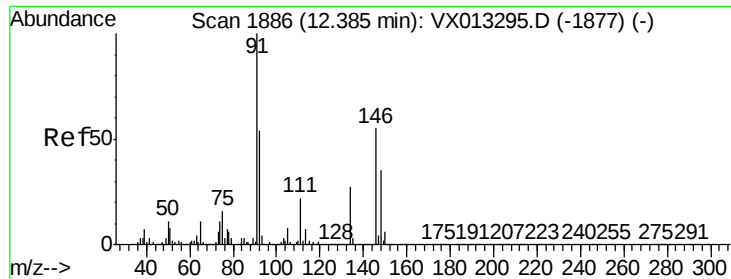
MMDadoda  
 11/11/2019 3:34:16 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 22.804 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 18.8  | 56.4  |
| 148     | 64.9  | 32.4  | 97.0  |





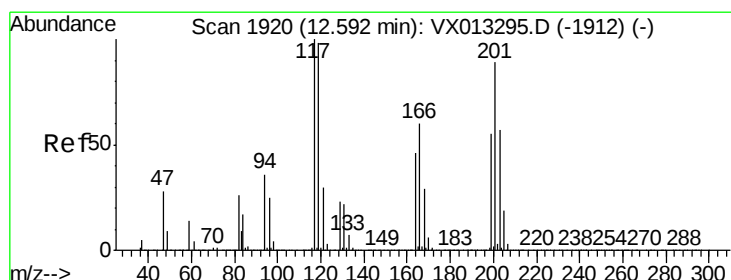
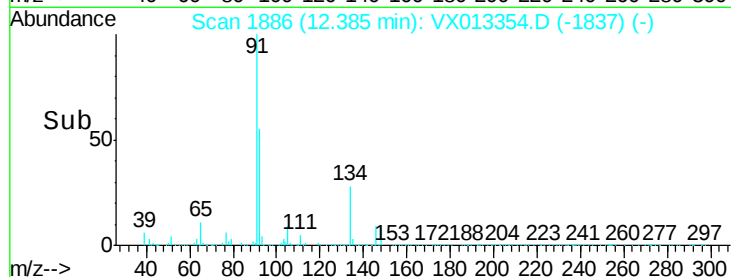
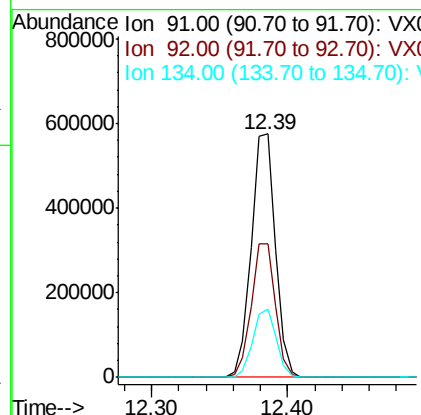
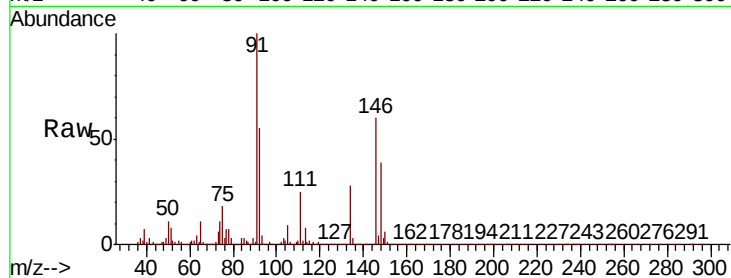
#89  
n-Butylbenzene  
Concen: 24.012 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 715331 |       |       |
| 92      | 54.8  | 27.3   | 81.8  |       |
| 134     | 27.5  | 13.5   | 40.5  |       |

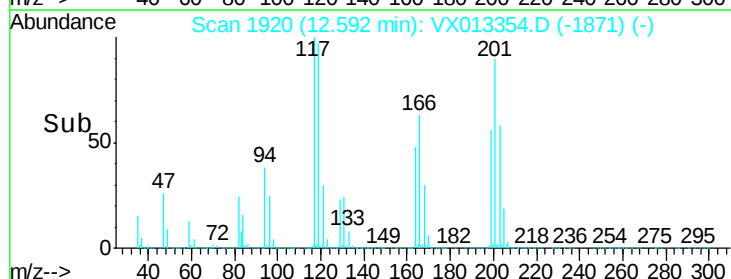
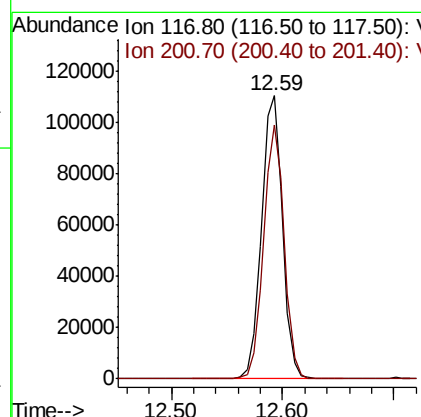
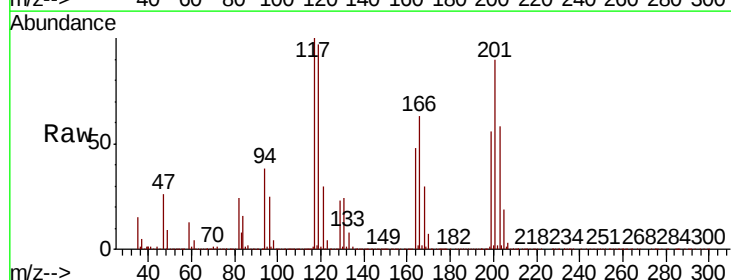
Manual Integrations  
APPROVED

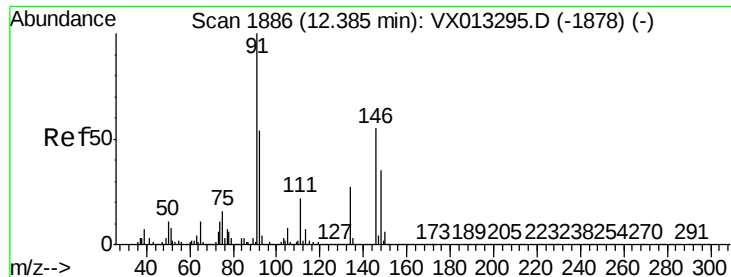
MMDadoda  
11/11/2019 3:34:16 PM



#90  
Hexachloroethane  
Concen: 23.744 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX013354.D  
Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 144432 |       |       |
| 201     | 88.4  | 43.9   | 131.7 |       |





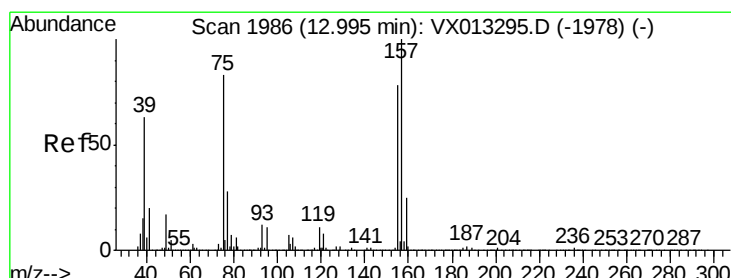
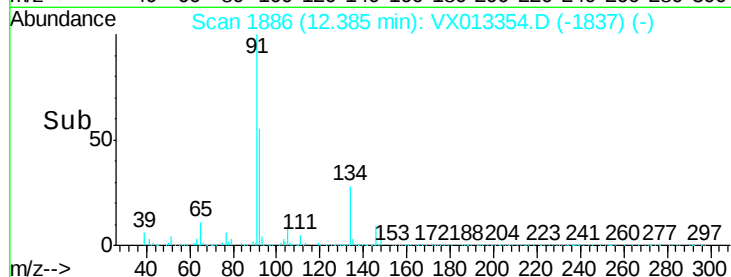
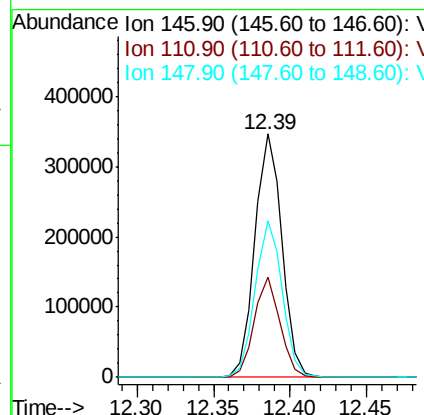
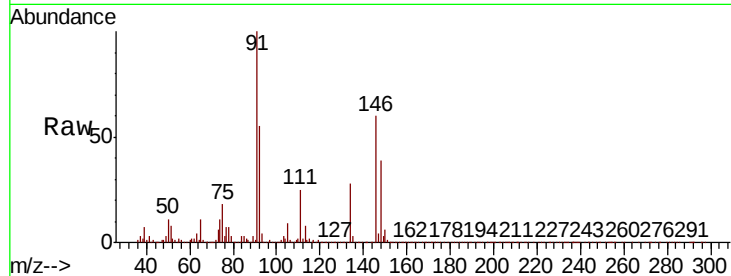
#91  
 1,2-Dichlorobenzene  
 Concen: 23.311 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 426025 |       |       |
| 111     | 39.0  | 20.1   | 60.2  |       |
| 148     | 64.2  | 32.0   | 96.0  |       |

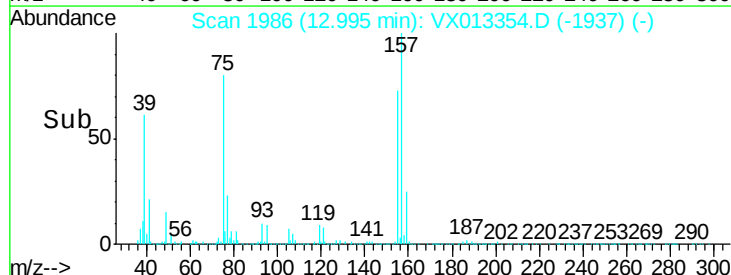
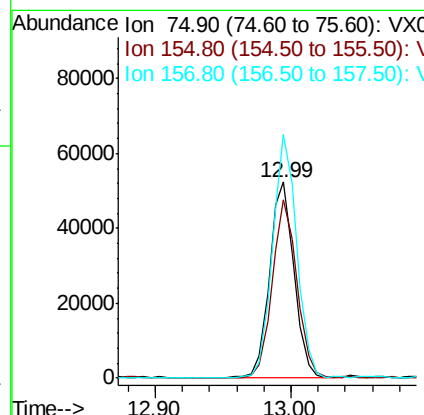
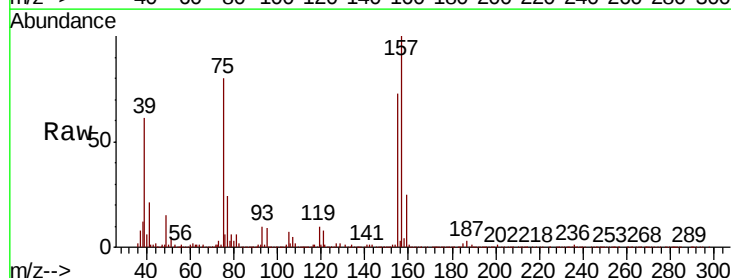
Manual Integrations  
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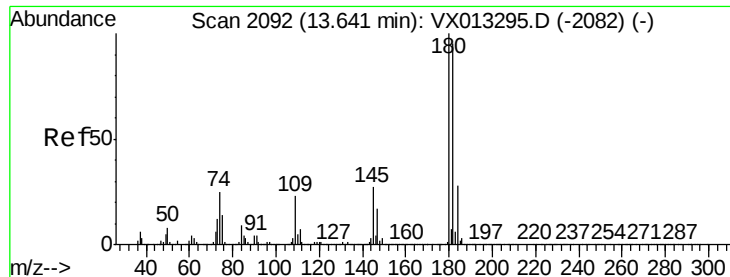
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.499 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 66680 |       |       |
| 155     | 91.5  | 47.1  | 141.4 |       |
| 157     | 122.0 | 61.3  | 183.8 |       |





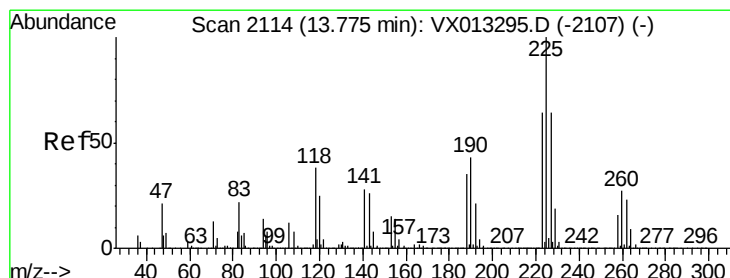
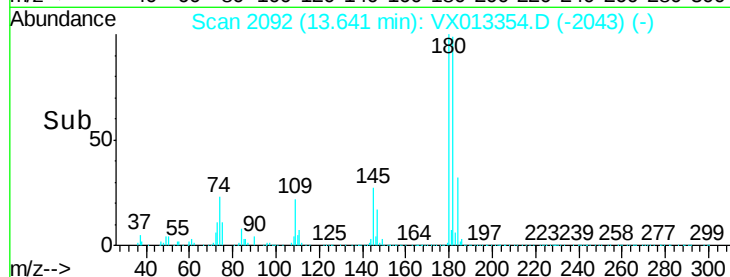
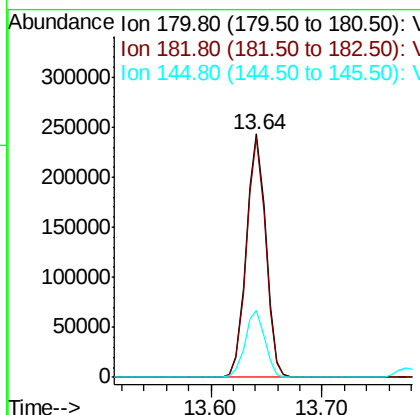
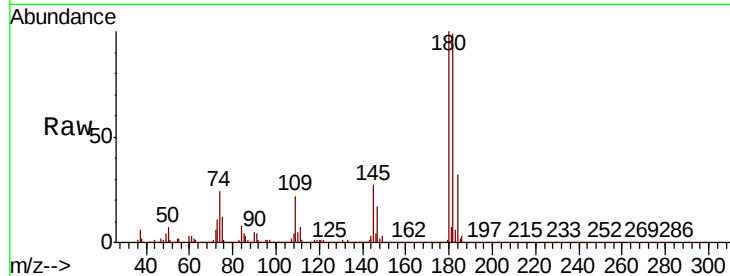
#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.295 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 296967 |       |       |
| 182     | 96.7  | 48.4   | 145.0 |       |
| 145     | 27.5  | 14.1   | 42.4  |       |

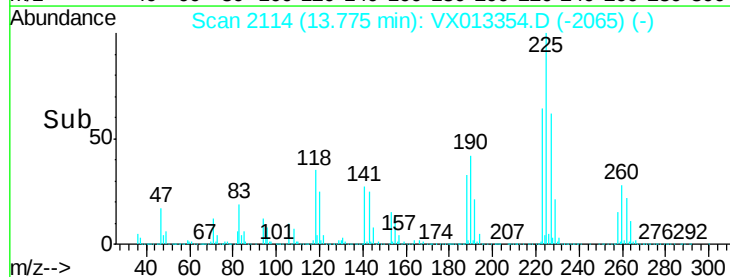
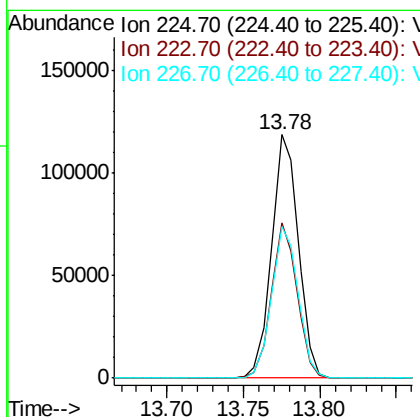
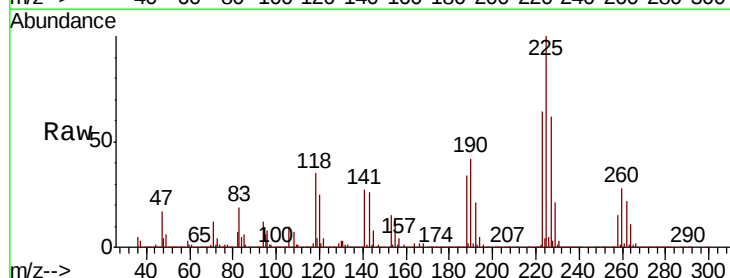
Manual Integrations  
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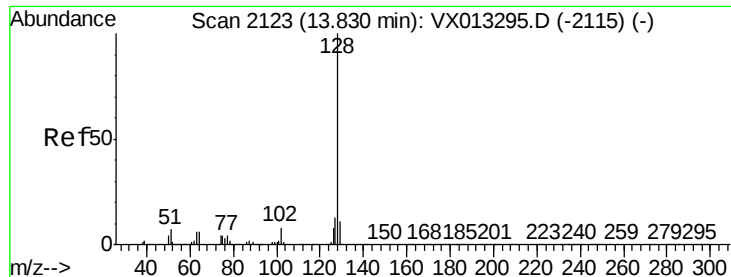
MMDadoda  
 11/11/2019 3:34:16 PM



#94  
 Hexachlorobutadiene  
 Concen: 23.216 ug/l  
 RT: 13.78 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VX013354.D  
 Acq: 08 Nov 2019 11:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 144792 |       |       |
| 223     | 61.1  | 31.9   | 95.7  |       |
| 227     | 61.8  | 31.9   | 95.9  |       |





#95

Naphthalene

Concen: 22.093 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

Instrument :

MSVOA\_X

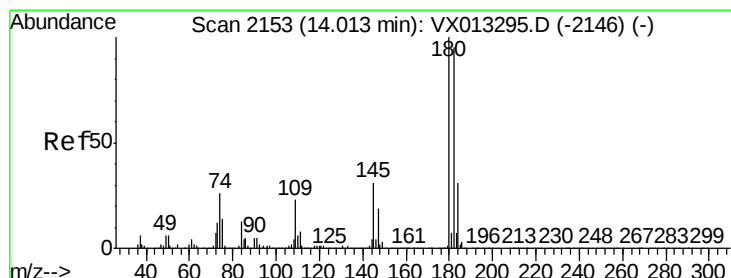
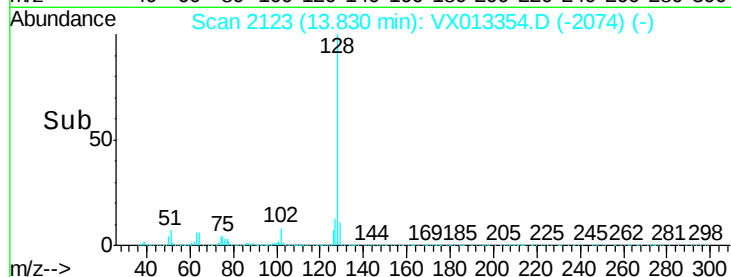
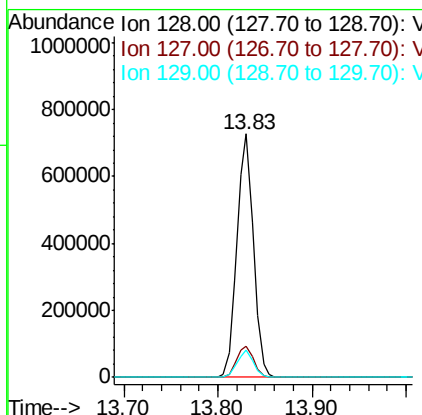
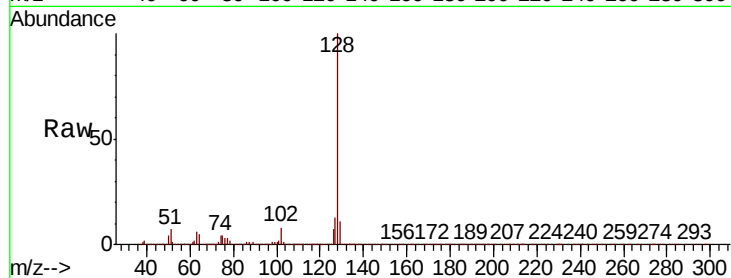
ClientSampleId :

VX1108WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 883652 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 13.1 | 10.2  | 15.2   |
| 129       | 10.8 | 8.5   | 12.7   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 23.323 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013354.D

Acq: 08 Nov 2019 11:06

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 298180 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 94.8 | 48.0  | 144.2  |
| 145       | 30.2 | 15.4  | 46.4   |

