

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\WX110619\  
 Data File : VX013341.D  
 Acq On : 06 Nov 2019 15:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/7/2019 9:17:15 AM

Quant Time: Nov 07 02:43:56 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  | 735296   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 1089746  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 983444   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 503766   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.04   | 65  | 404485   | 46.43 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.86% |      |
| 35) Dibromofluoromethane    | 5.48   | 113 | 332836   | 48.70 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.40% |      |
| 50) Toluene-d8              | 8.71   | 98  | 1262081  | 48.98 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.96% |      |
| 62) 4-Bromofluorobenzene    | 11.13  | 95  | 455575   | 48.99 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.98% |      |

|                               |      |     |         |         |      |     |
|-------------------------------|------|-----|---------|---------|------|-----|
| Target Compounds              |      |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 420304  | 49.610  | ug/l | 99  |
| 3) Chloromethane              | 1.31 | 50  | 449260  | 48.899  | ug/l | 100 |
| 4) Vinyl Chloride             | 1.40 | 62  | 518444  | 49.567  | ug/l | 98  |
| 5) Bromomethane               | 1.62 | 94  | 325268  | 44.625  | ug/l | 99  |
| 6) Chloroethane               | 1.71 | 64  | 274644  | 45.835  | ug/l | 99  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 563133  | 45.570  | ug/l | 98  |
| 8) Diethyl Ether              | 2.17 | 74  | 250644  | 45.867  | ug/l | 97  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 359636  | 52.215  | ug/l | 98  |
| 10) Methyl Iodide             | 2.50 | 142 | 421679  | 49.450  | ug/l | 98  |
| 11) Tert butyl alcohol        | 3.03 | 59  | 444796  | 193.728 | ug/l | 99  |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 359093  | 53.240  | ug/l | 96  |
| 13) Acrolein                  | 2.28 | 56  | 295324  | 237.330 | ug/l | 98  |
| 14) Allyl chloride            | 2.72 | 41  | 610615  | 49.826  | ug/l | 98  |
| 15) Acrylonitrile             | 3.12 | 53  | 1018411 | 237.458 | ug/l | 99  |
| 16) Acetone                   | 2.42 | 43  | 1062691 | 244.579 | ug/l | 100 |
| 17) Carbon Disulfide          | 2.56 | 76  | 892826  | 49.457  | ug/l | 98  |
| 18) Methyl Acetate            | 2.75 | 43  | 572371  | 47.715  | ug/l | 99  |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 1146589 | 50.969  | ug/l | 98  |
| 20) Methylene Chloride        | 2.84 | 84  | 381833  | 47.563  | ug/l | 97  |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 363310  | 49.472  | ug/l | 97  |
| 22) Diisopropyl ether         | 3.84 | 45  | 1212718 | 51.257  | ug/l | 99  |
| 23) Vinyl Acetate             | 3.80 | 43  | 5040283 | 248.959 | ug/l | 99  |
| 24) 1,1-Dichloroethane        | 3.68 | 63  | 660046  | 49.870  | ug/l | 99  |
| 25) 2-Butanone                | 4.65 | 43  | 1512507 | 237.288 | ug/l | 99  |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 543983  | 51.665  | ug/l | 98  |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 418172  | 50.832  | ug/l | 99  |
| 28) Bromochloromethane        | 5.00 | 49  | 187173  | 49.807  | ug/l | 98  |
| 29) Tetrahydrofuran           | 5.11 | 42  | 914410  | 232.793 | ug/l | 99  |
| 30) Chloroform                | 5.19 | 83  | 653404  | 49.996  | ug/l | 100 |
| 31) Cyclohexane               | 5.56 | 56  | 596587  | 50.093  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 559391  | 49.736  | ug/l | 100 |
| 36) 1,1-Dichloropropene       | 5.78 | 75  | 494594  | 52.905  | ug/l | 100 |
| 37) Ethyl Acetate             | 4.81 | 43  | 553304  | 47.898  | ug/l | 99  |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 484141  | 52.959  | ug/l | 99  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX110619\  
 Data File : VX013341.D  
 Acq On : 06 Nov 2019 15:01  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/7/2019 9:17:15 AM

Quant Time: Nov 07 02:43:56 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   | 613411   | 52.659  | ug/l   | 99       |
| 40) Benzene                    | 6.12  | 78   | 1492393  | 51.248  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 321083   | 49.590  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 529564   | 50.415  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 905211   | 50.322  | ug/l   | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 411864   | 51.381  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 385590   | 51.967  | ug/l   | 99       |
| 46) Dibromomethane             | 7.65  | 93   | 249942   | 49.336  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.89  | 83   | 511629   | 53.556  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.76  | 41   | 454330   | 50.597  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 184129   | 895.410 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 2838569  | 240.519 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 948204   | 52.535  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 576758   | 55.212  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 628913   | 53.821  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 384273   | 51.366  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 622465   | 48.777  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 646637   | 50.919  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 1315453  | 257.166 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 2236522  | 245.227 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 418527   | 54.702  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 407046   | 51.240  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 367413   | 52.188  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 1034261  | 51.946  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 380493   | 52.047  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 1816943  | 52.875  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 1385418  | 106.605 | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 673695   | 52.950  | ug/l   | 100      |
| 70) Styrene                    | 10.70 | 104  | 1176353  | 55.310  | ug/l   | 98       |
| 71) Bromoform                  | 10.85 | 173  | 324926   | 48.068  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 1807494  | 54.116  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 823065   | 53.140  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 608265   | 49.919  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 505377m  | 49.391  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 473543   | 53.182  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.35 | 91   | 2074423  | 55.755  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 1200452  | 53.552  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 1536599  | 55.232  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 210383   | 52.923  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1412625  | 53.833  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1542402  | 55.075  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1524530  | 54.626  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1775601  | 55.166  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1657940  | 55.939  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 846664   | 53.344  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 853200   | 52.761  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 1484307  | 57.394  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 295403   | 55.940  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 839025   | 52.884  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 136299   | 45.913  | ug/l   | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX110619\  
Data File : VX013341.D  
Acq On : 06 Nov 2019 15:01  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

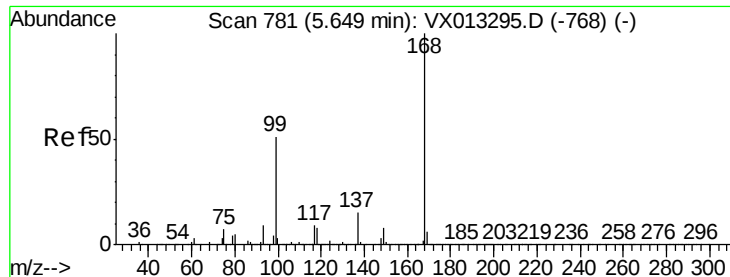
MMDadoda  
11/7/2019 9:17:15 AM

Quant Time: Nov 07 02:43:56 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  | 616014   | 55.663 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 280958   | 51.892 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 1868083  | 53.801 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 613193   | 55.250 | 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: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 735296

Ion Ratio Lower Upper

168 100

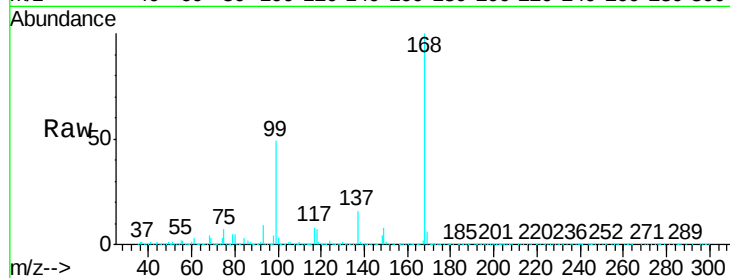
99 49.4 40.8 61.2

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

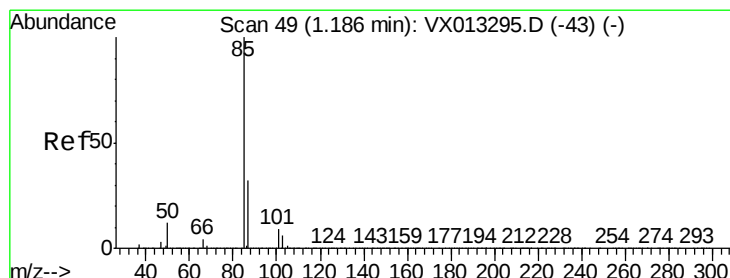
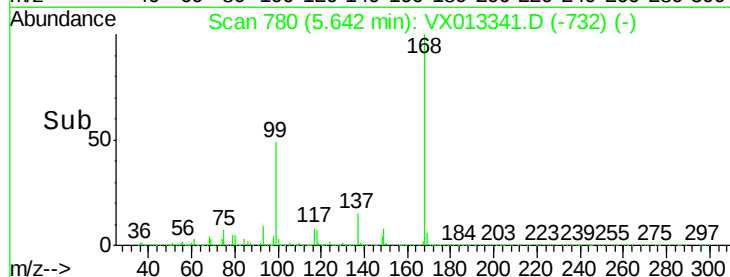
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.610 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013341.D

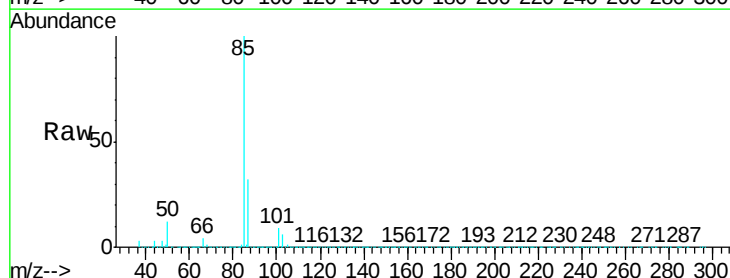
Acq: 06 Nov 2019 15:01

Tgt Ion: 85 Resp: 420304

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

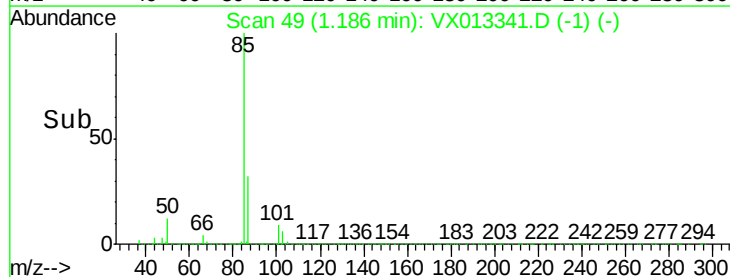
300000

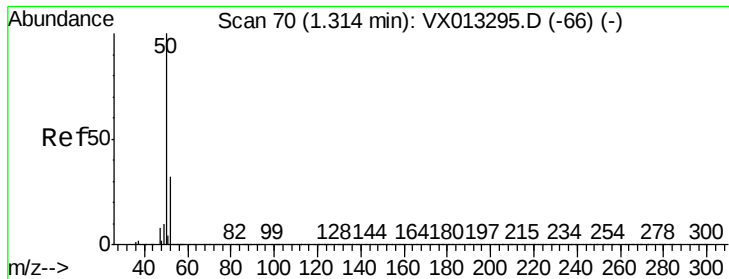
200000

100000

0

Time-->





#3

Chloromethane

Concen: 48.899 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 449260

Ion Ratio Lower Upper

50 100

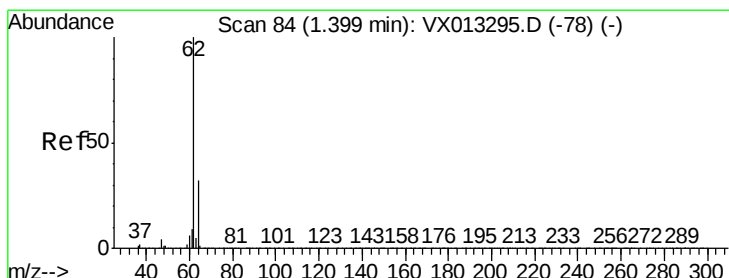
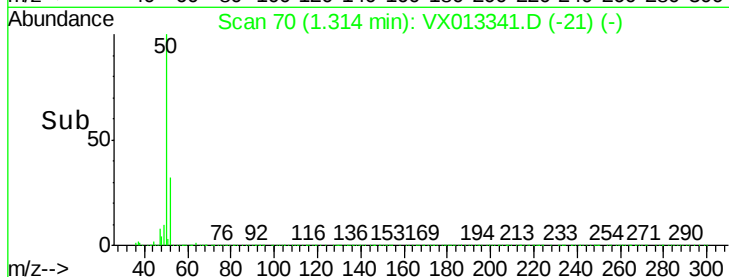
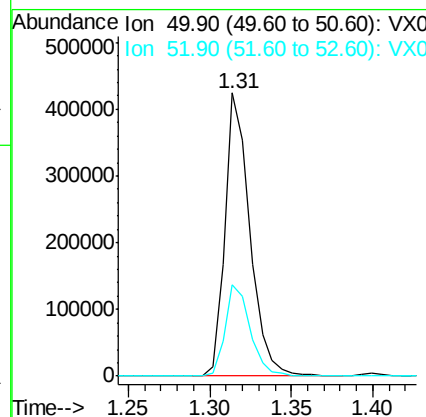
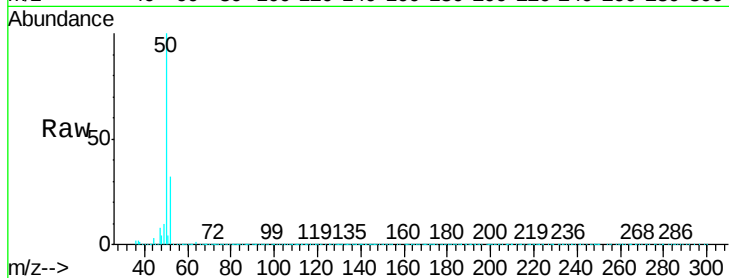
52 32.0 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#4

Vinyl Chloride

Concen: 49.567 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013341.D

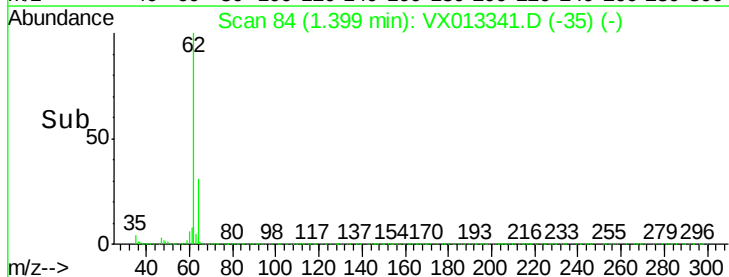
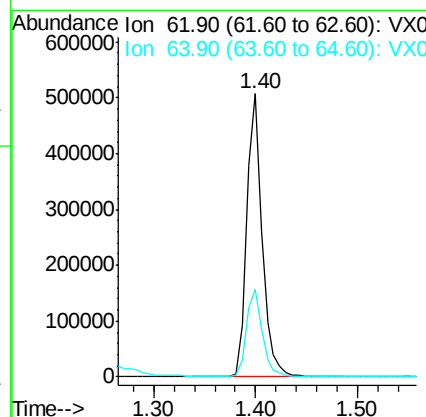
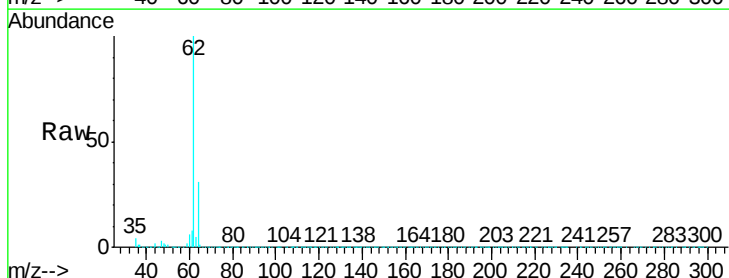
Acq: 06 Nov 2019 15:01

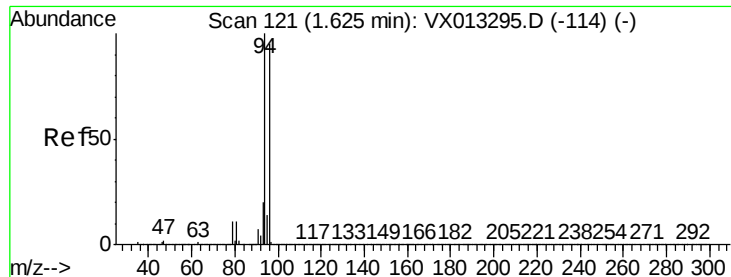
Tgt Ion: 62 Resp: 518444

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4





#5

Bromomethane

Concen: 44.625 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 325268

Ion Ratio Lower Upper

94 100

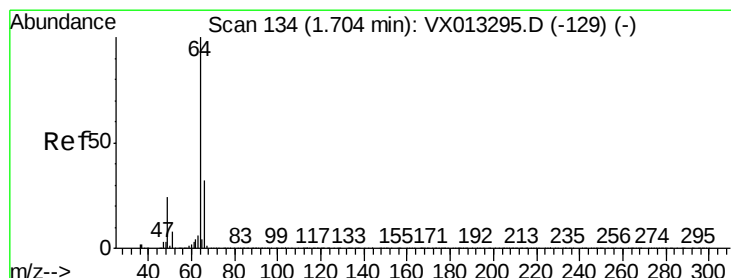
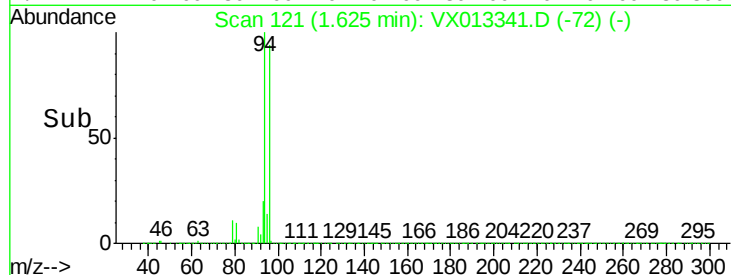
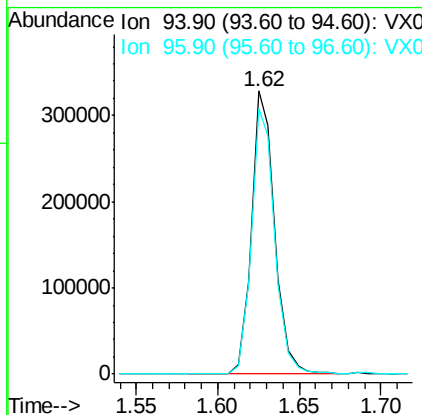
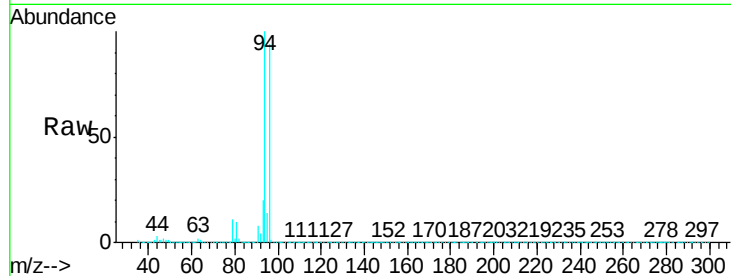
96 93.7 75.8 113.8

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#6

Chloroethane

Concen: 45.835 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013341.D

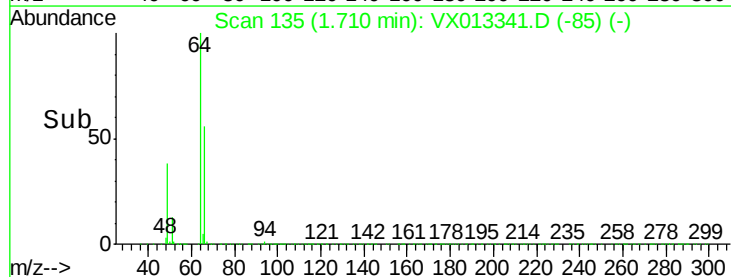
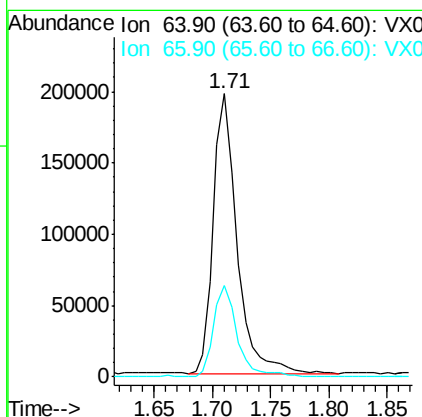
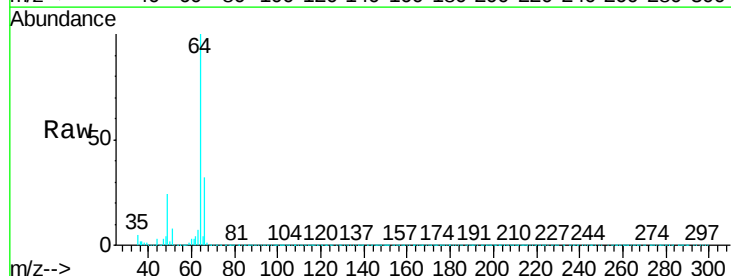
Acq: 06 Nov 2019 15:01

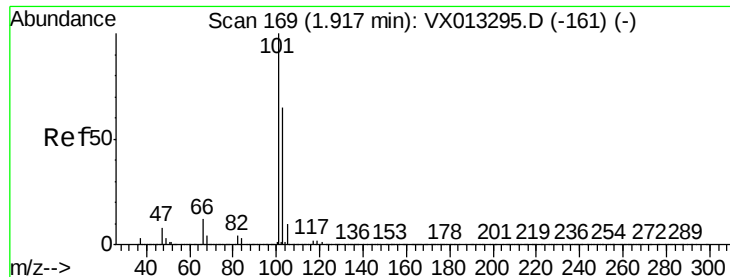
Tgt Ion: 64 Resp: 274644

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4





#7

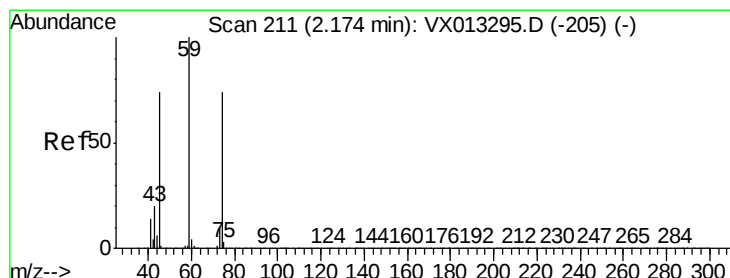
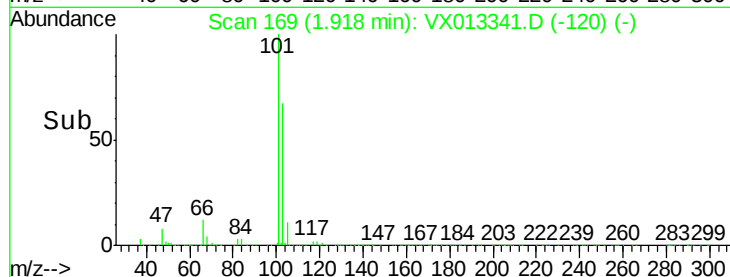
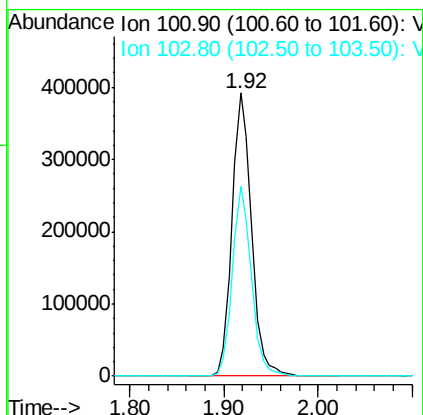
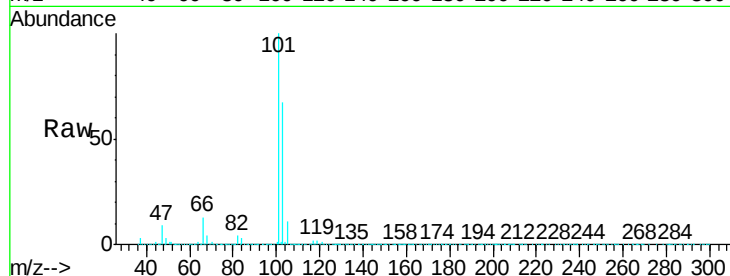
Trichlorofluoromethane  
Concen: 45.570 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 67.0  | 52.3  | 78.5  |

Manual Integrations  
APPROVED

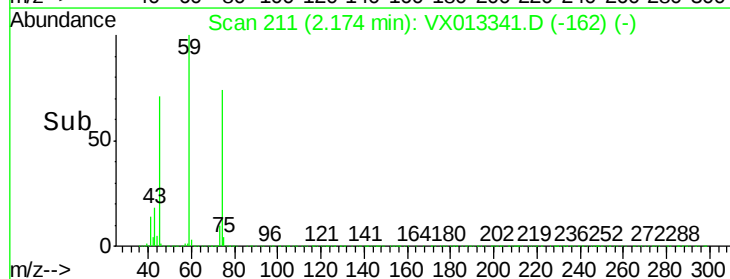
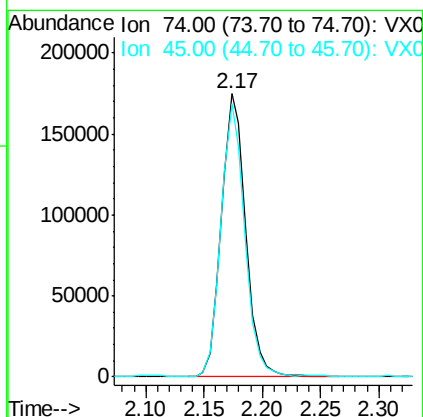
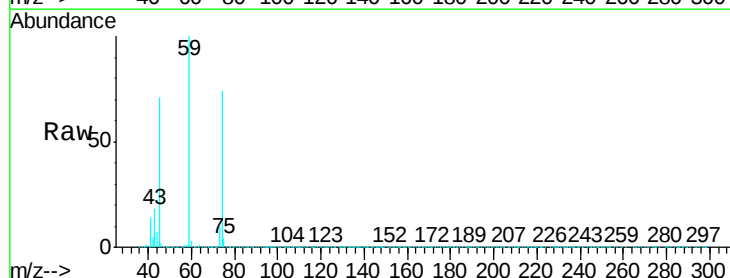
MMDadoda  
11/7/2019 9:17:15 AM

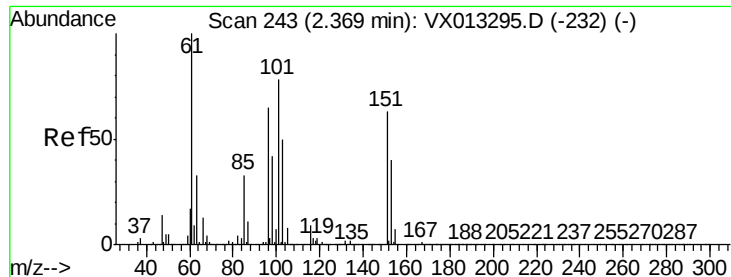


#8

Diethyl Ether  
Concen: 45.867 ug/l  
RT: 2.17 min Scan# 211  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.4  | 48.5  | 145.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.215 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

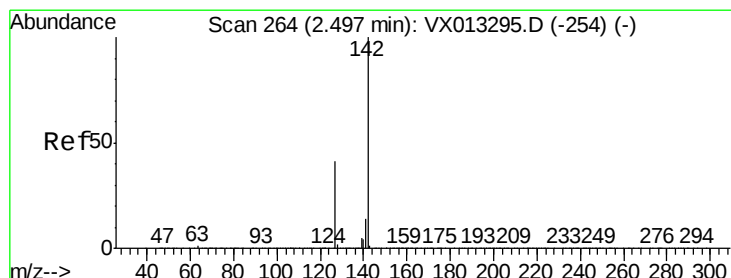
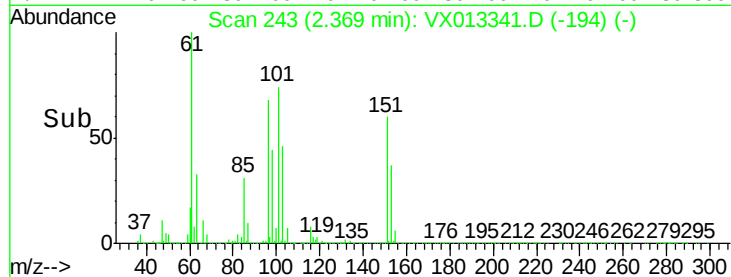
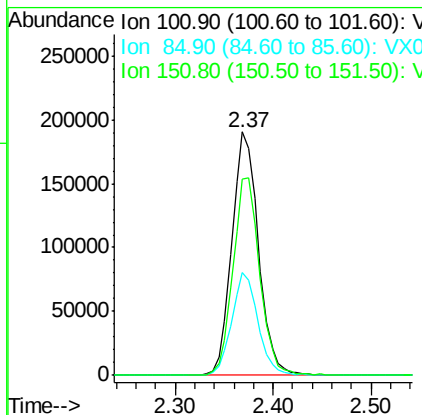
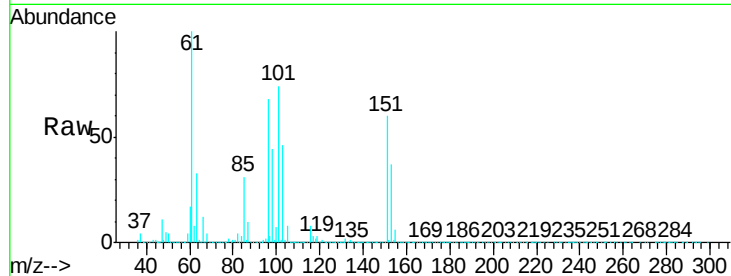
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 359636 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.3  | 34.4  | 51.6   |
| 151       | 81.6  | 66.4  | 99.6   |

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#10

Methyl Iodide

Concen: 49.450 ug/l

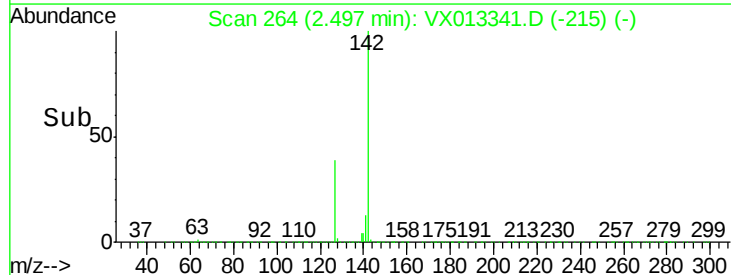
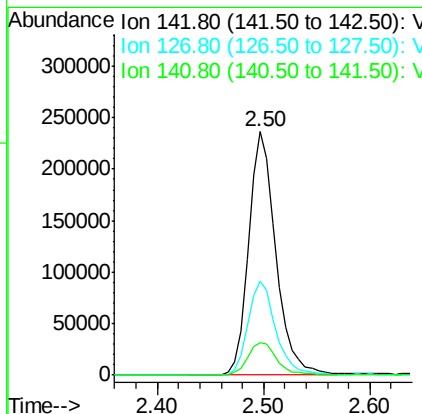
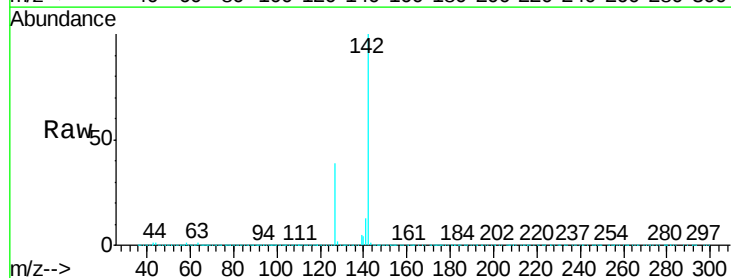
RT: 2.50 min Scan# 264

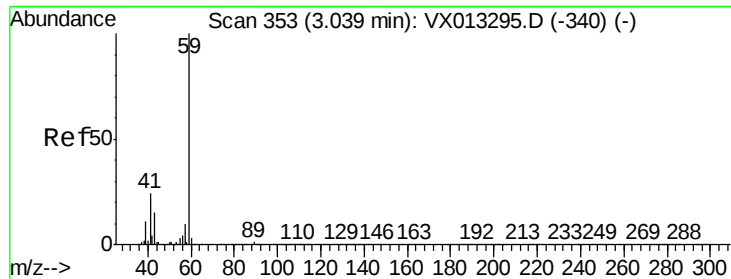
Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 421679 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.4  | 32.6  | 49.0   |
| 141       | 14.6  | 11.6  | 17.4   |





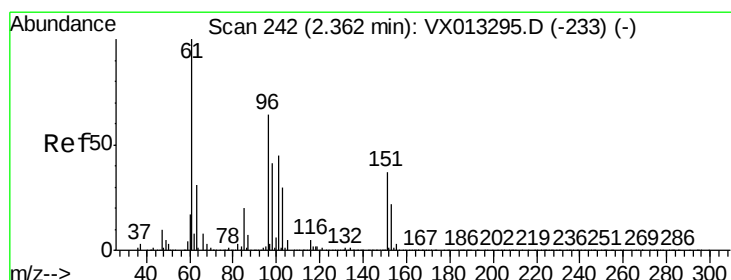
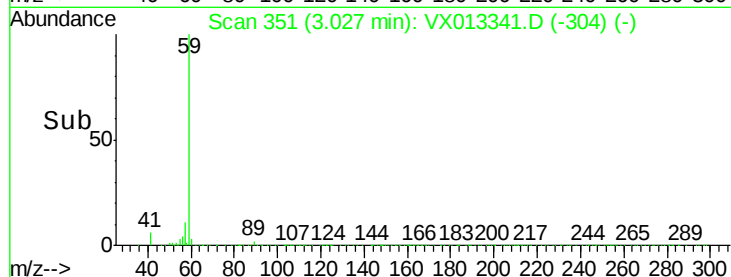
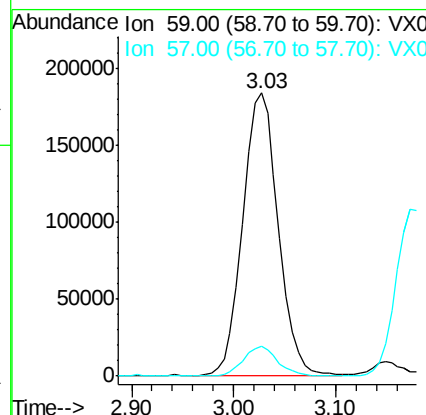
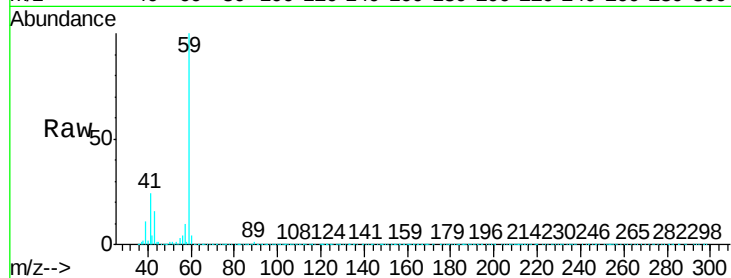
#11  
Tert butyl alcohol  
Concen: 193.728 ug/l  
RT: 3.03 min Scan# 351  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 444796  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.0 12.0

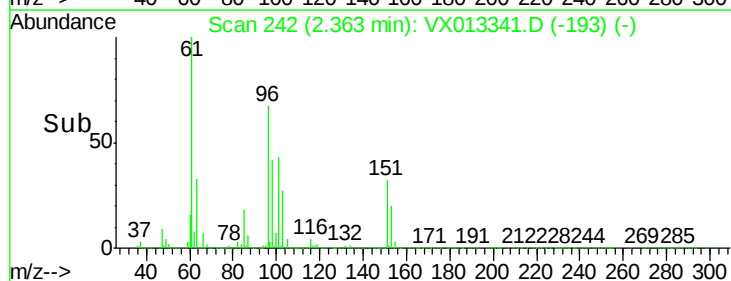
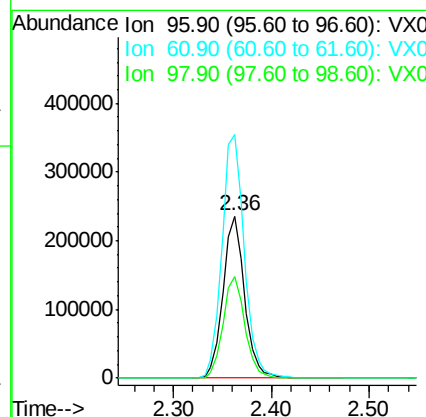
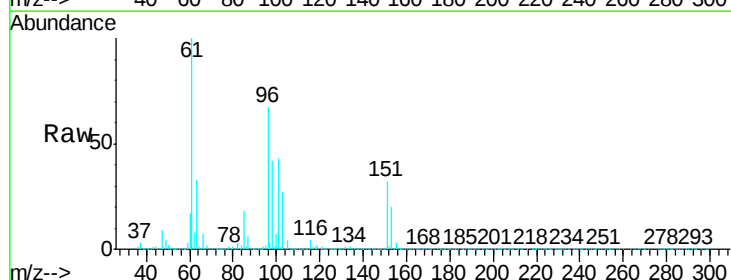
Manual Integrations  
APPROVED

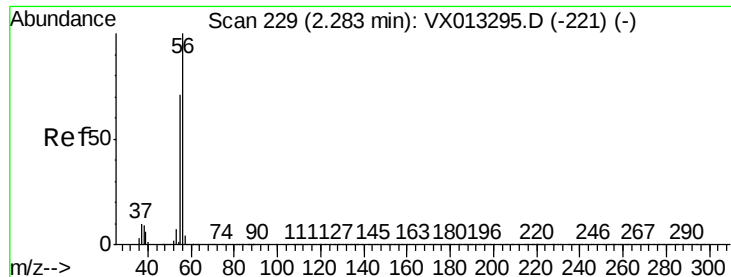
MMDadoda  
11/7/2019 9:17:15 AM



#12  
1,1-Dichloroethene  
Concen: 53.240 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Tgt Ion: 96 Resp: 359093  
Ion Ratio Lower Upper  
96 100  
61 150.2 125.0 187.6  
98 62.9 50.7 76.1





#13

Acrolein

Concen: 237.330 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 295324

Ion Ratio Lower Upper

56 100

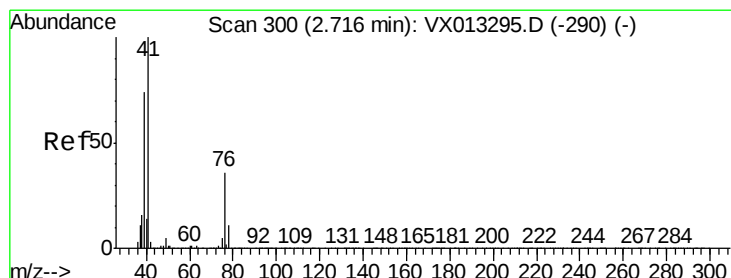
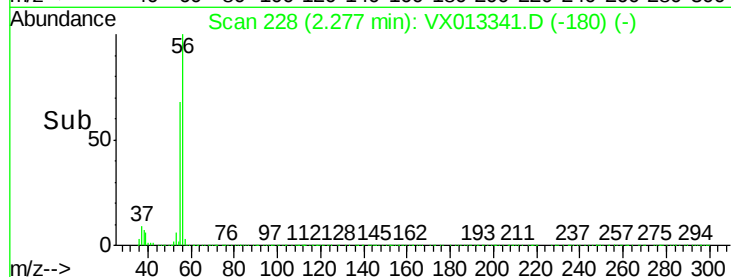
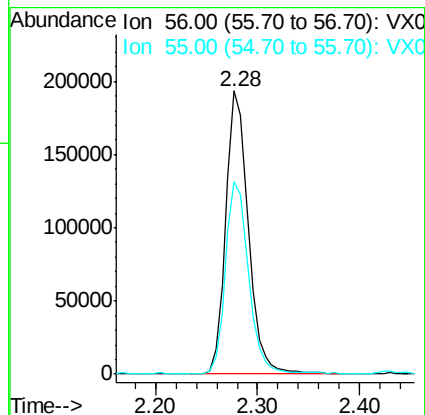
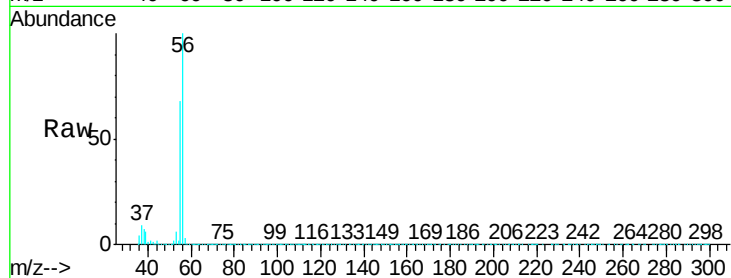
55 70.1 57.4 86.0

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#14

Allyl chloride

Concen: 49.826 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

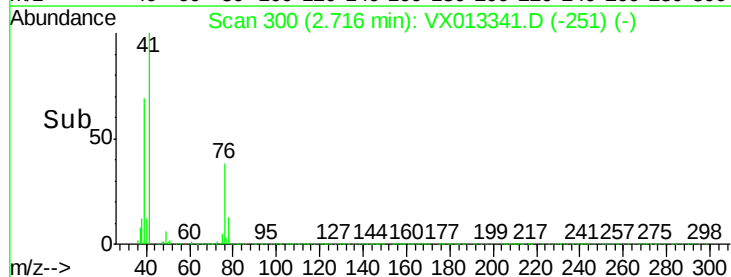
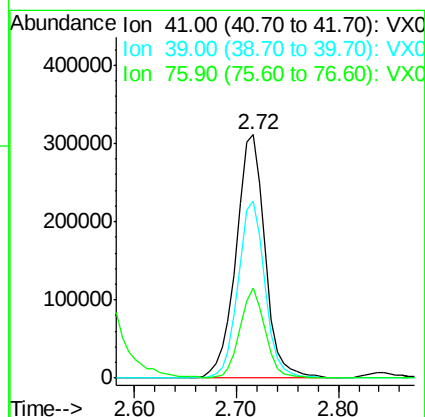
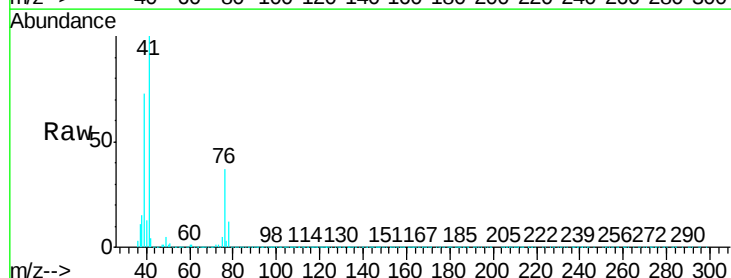
Tgt Ion: 41 Resp: 610615

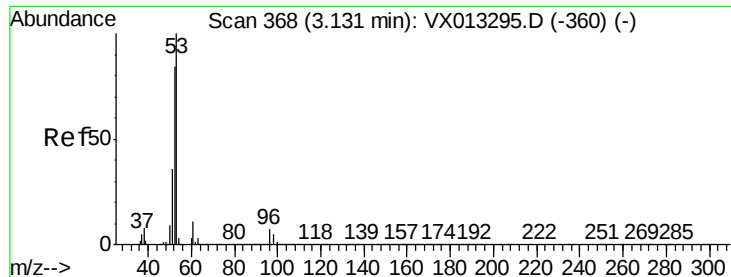
Ion Ratio Lower Upper

41 100

39 67.6 55.8 83.8

76 31.9 26.4 39.6





#15

Acrylonitrile

Concen: 237.458 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

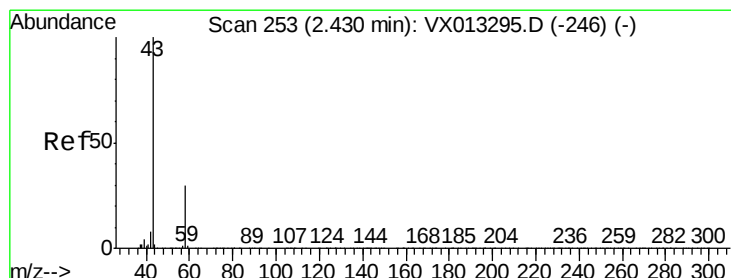
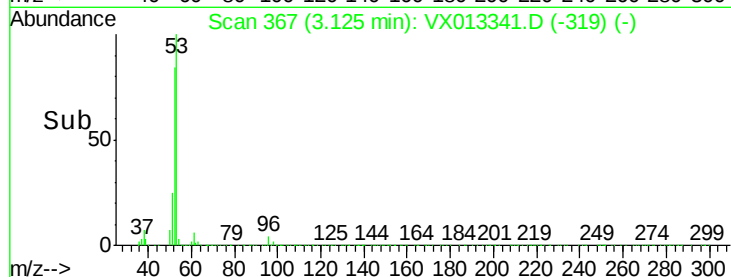
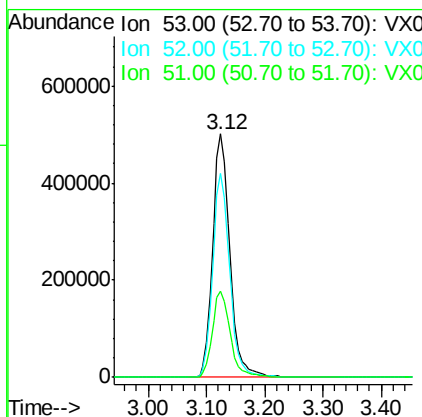
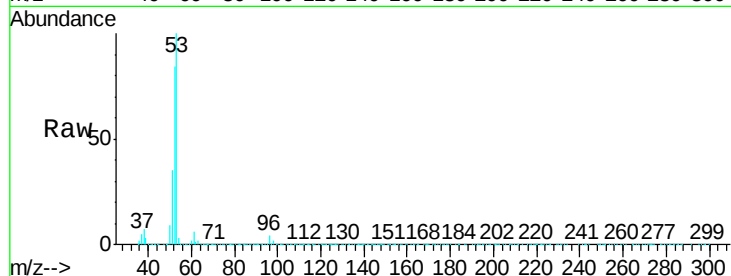
ClientSampleId :

VSTDCCC050EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 53    | Resp: | 1018411 |
| Ion      | Ratio | Lower | Upper   |
| 53       | 100   |       |         |
| 52       | 82.8  | 67.4  | 101.0   |
| 51       | 36.6  | 29.4  | 44.2    |

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#16

Acetone

Concen: 244.579 ug/l

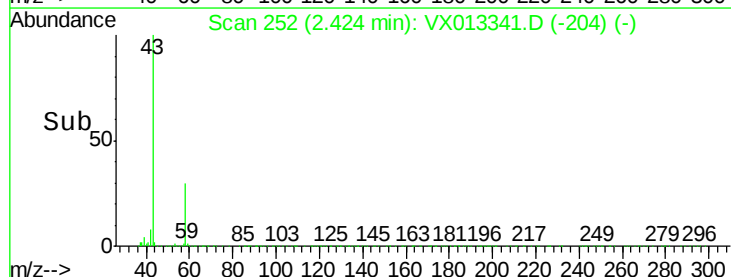
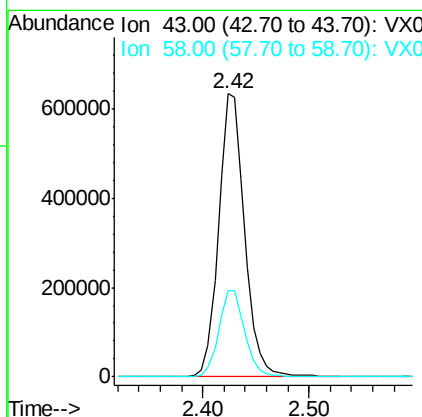
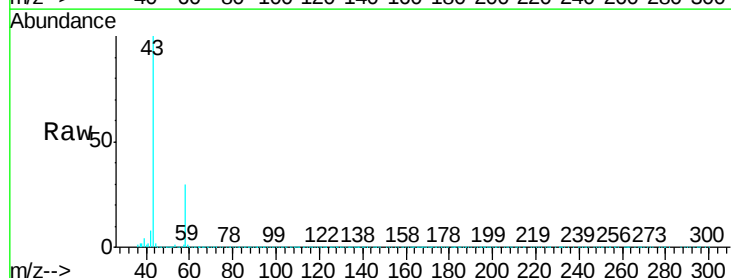
RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 43    | Resp: | 1062691 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 58       | 30.3  | 24.3  | 36.5    |





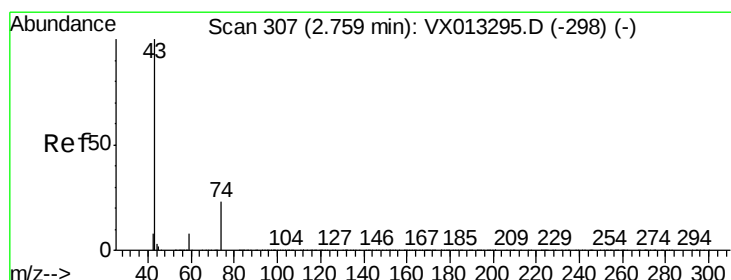
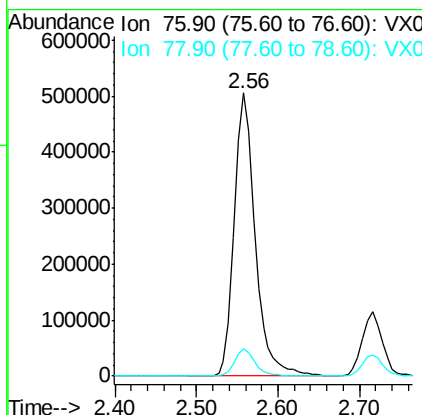
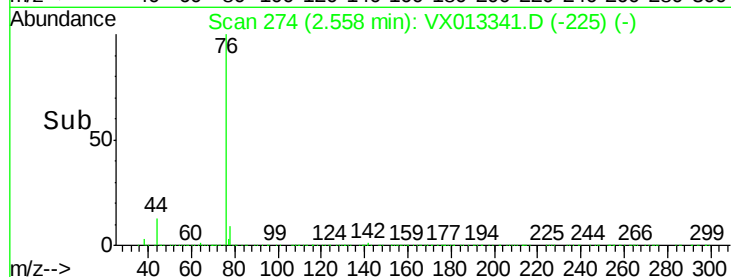
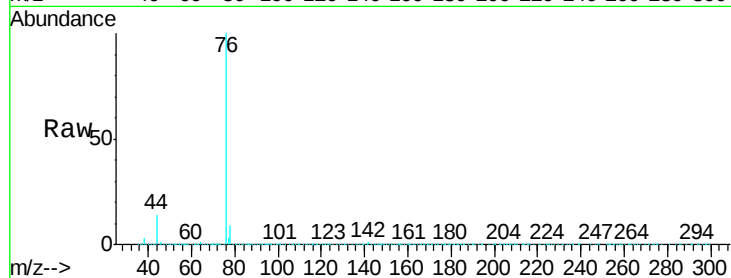
#17  
Carbon Disulfide  
Concen: 49.457 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 892826  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6

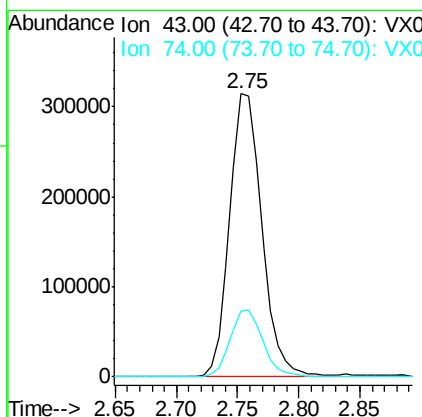
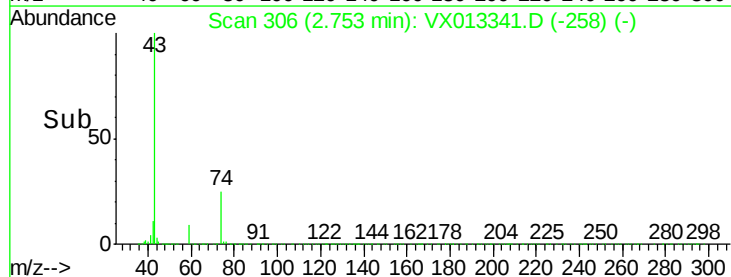
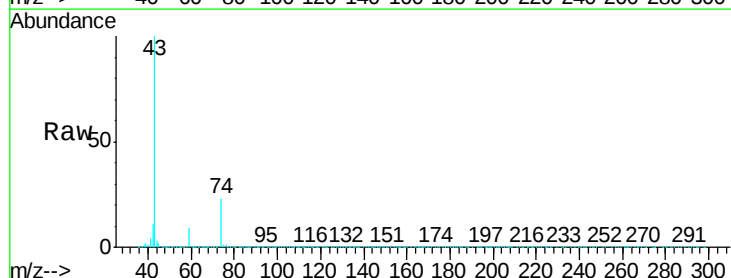
Manual Integrations  
APPROVED

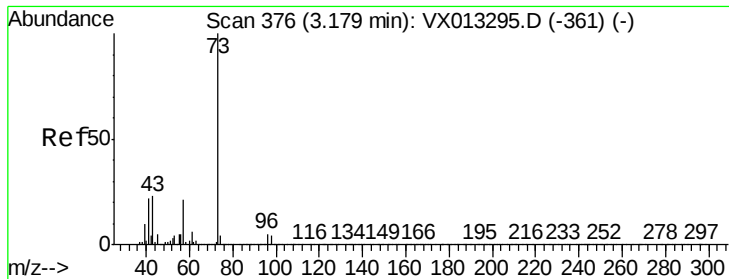
MMDadoda  
11/7/2019 9:17:15 AM



#18  
Methyl Acetate  
Concen: 47.715 ug/l  
RT: 2.75 min Scan# 306  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Tgt Ion: 43 Resp: 572371  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.0 28.6





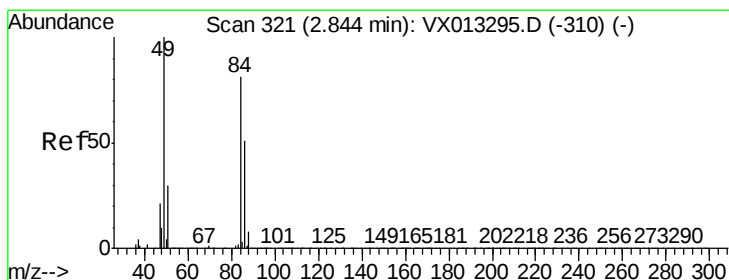
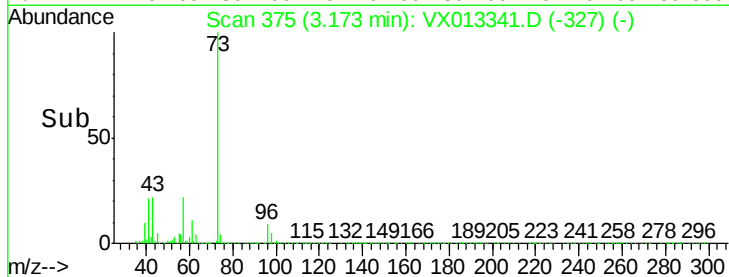
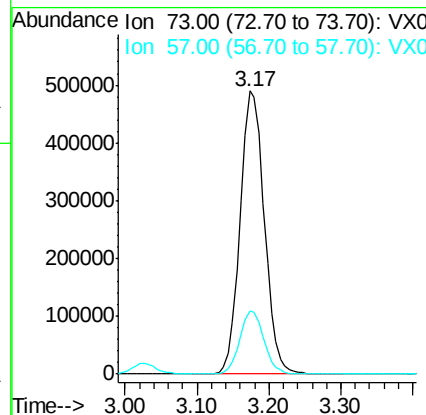
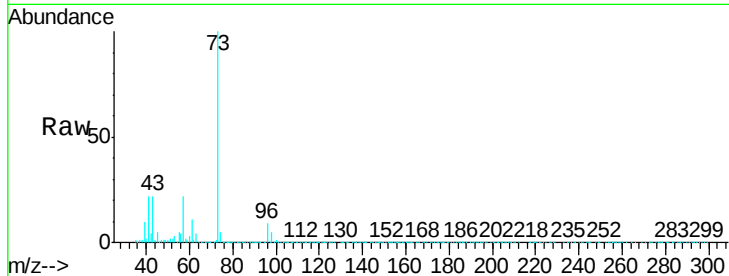
#19  
Methyl tert-butyl Ether  
Concen: 50.969 ug/l  
RT: 3.17 min Scan# 375  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 1146589  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.1 25.7

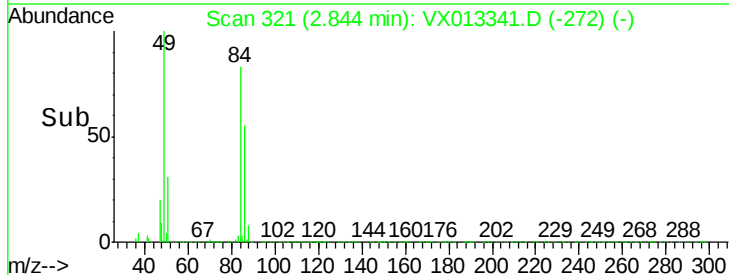
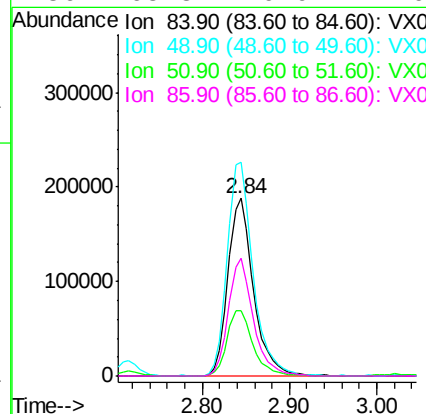
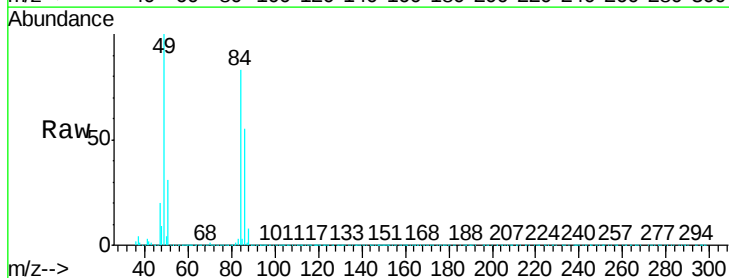
Manual Integrations  
APPROVED

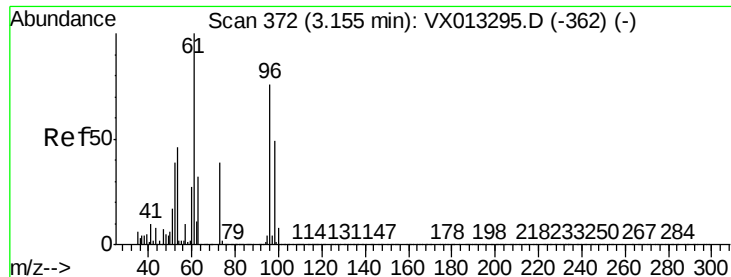
MMDadoda  
11/7/2019 9:17:15 AM



#20  
Methylene Chloride  
Concen: 47.563 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Tgt Ion: 84 Resp: 381833  
Ion Ratio Lower Upper  
84 100  
49 120.0 98.2 147.4  
51 36.8 29.9 44.9  
86 65.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.472 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 363310  
Ion Ratio Lower Upper

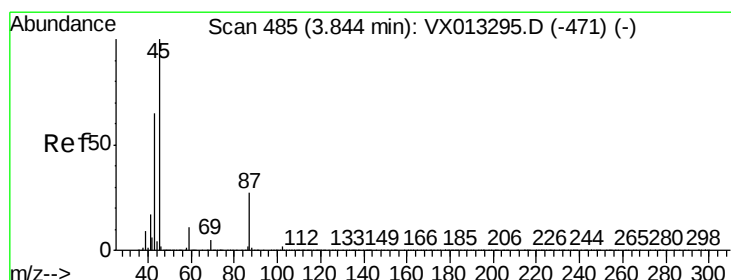
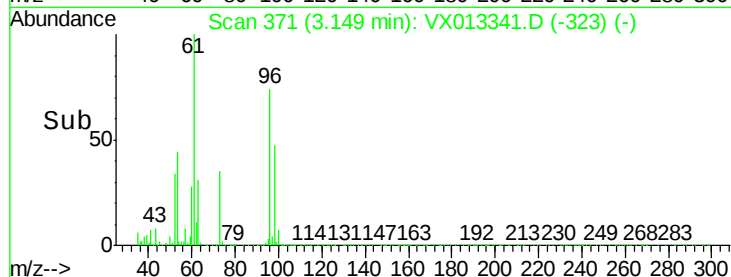
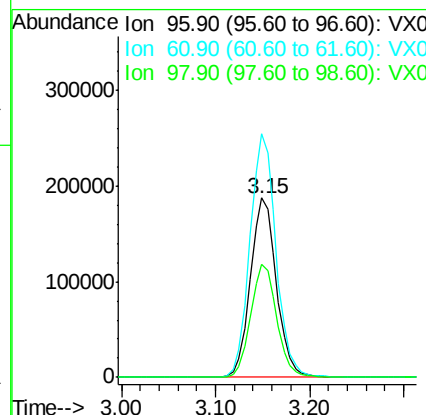
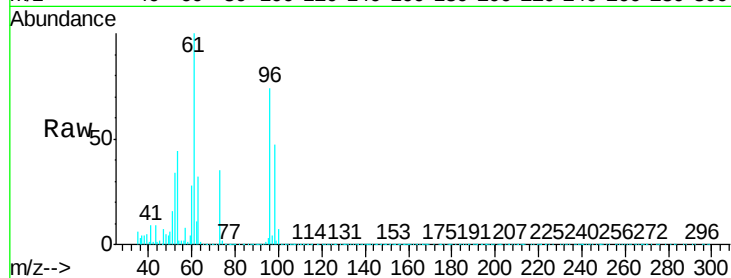
96 100

61 135.8 105.8 158.6

98 63.2 51.8 77.6

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#22

Diisopropyl ether

Concen: 51.257 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

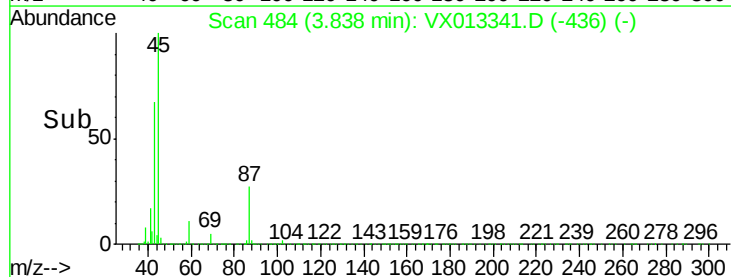
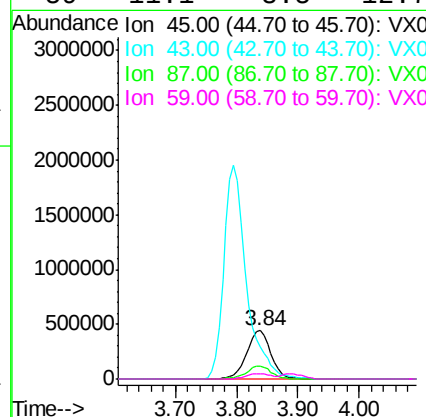
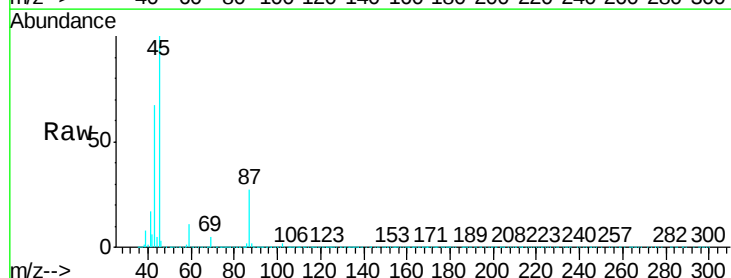
Tgt Ion: 45 Resp: 1212718  
Ion Ratio Lower Upper

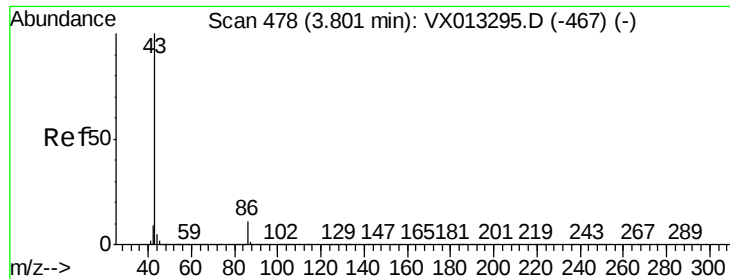
45 100

43 66.9 54.2 81.2

87 27.3 21.8 32.8

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 248.959 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 5040283

Ion Ratio Lower Upper

43 100

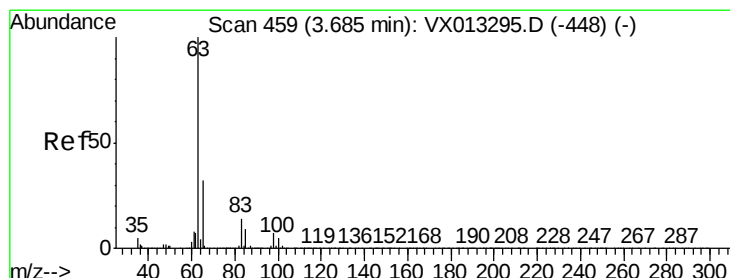
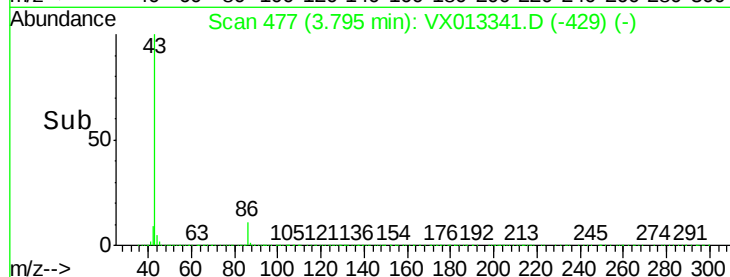
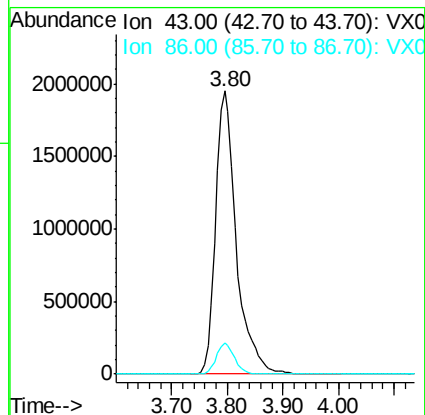
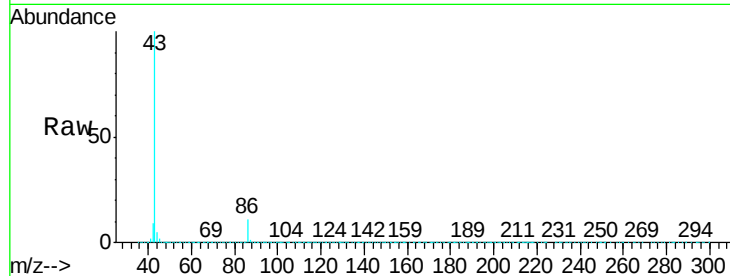
86 11.1 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#24

1,1-Dichloroethane

Concen: 49.870 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

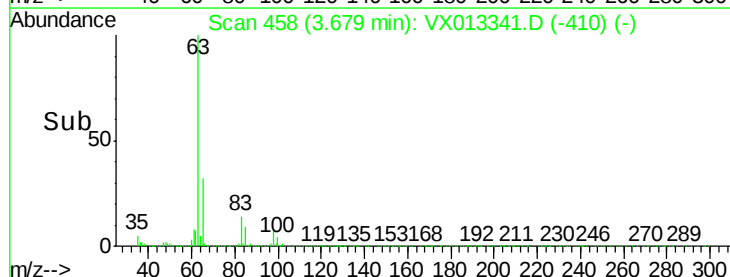
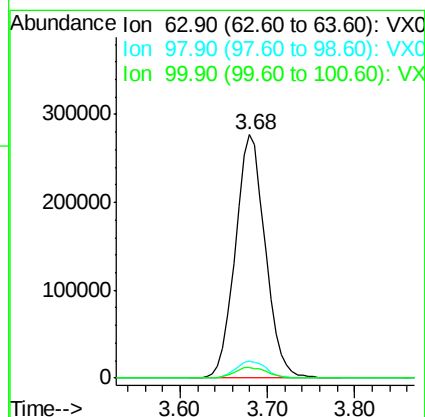
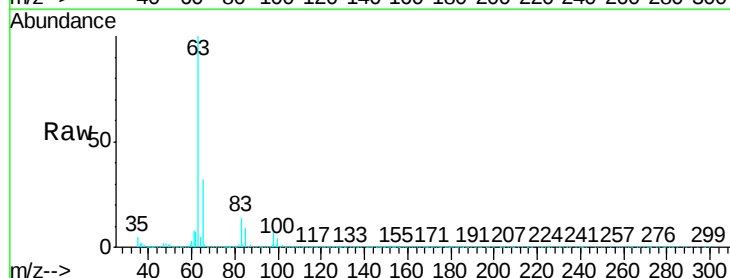
Tgt Ion: 63 Resp: 660046

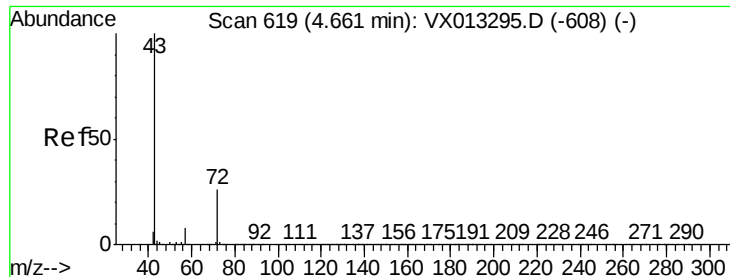
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 237.288 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1512507

Ion Ratio Lower Upper

43 100

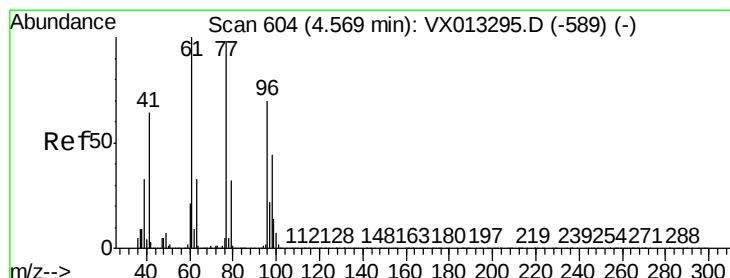
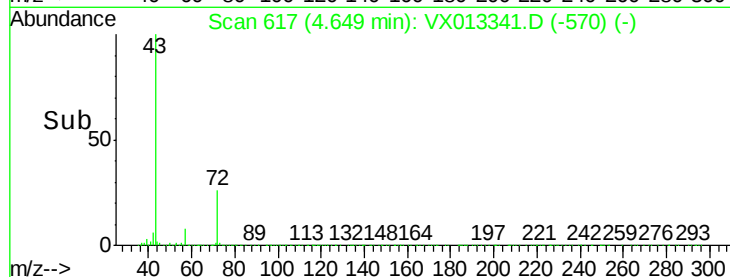
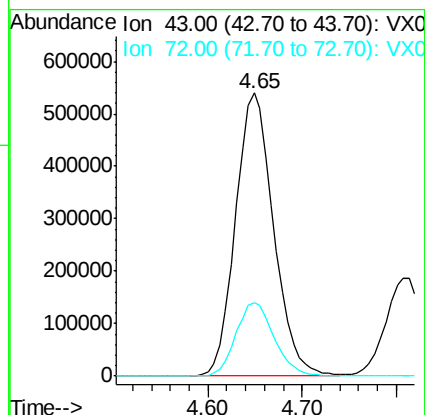
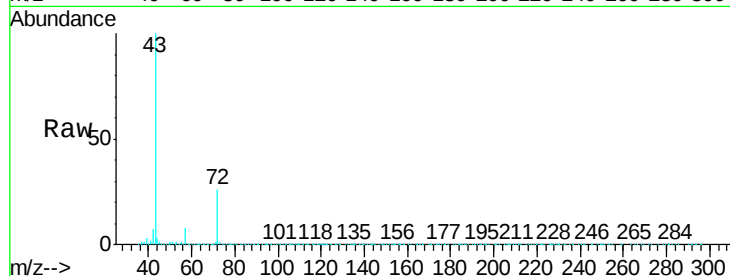
72 26.0 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#26

2,2-Dichloropropane

Concen: 51.665 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013341.D

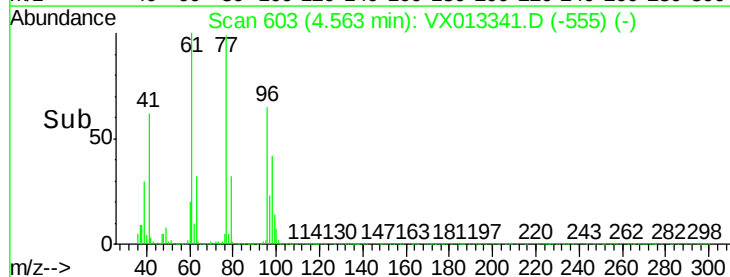
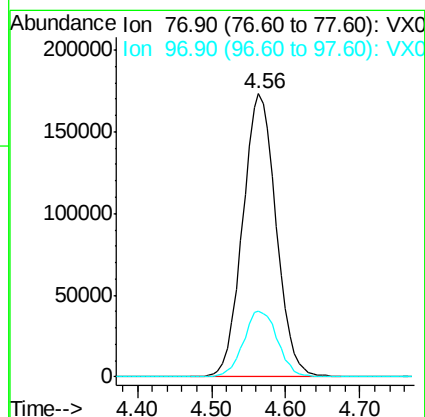
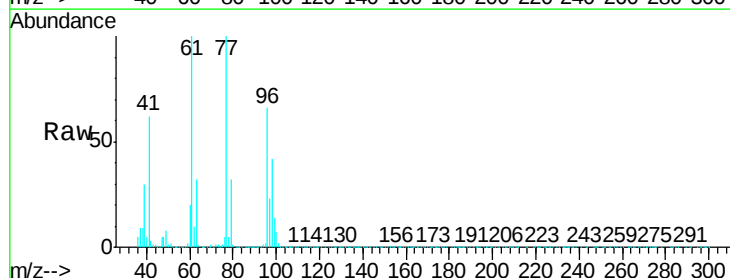
Acq: 06 Nov 2019 15:01

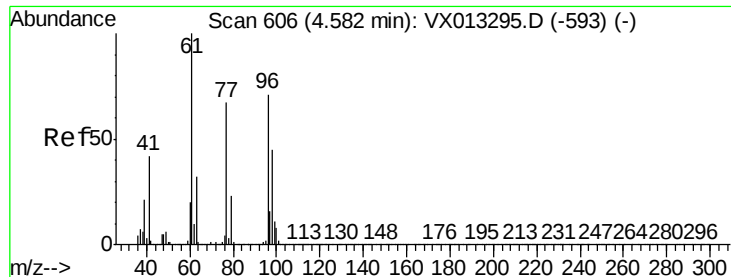
Tgt Ion: 77 Resp: 543983

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

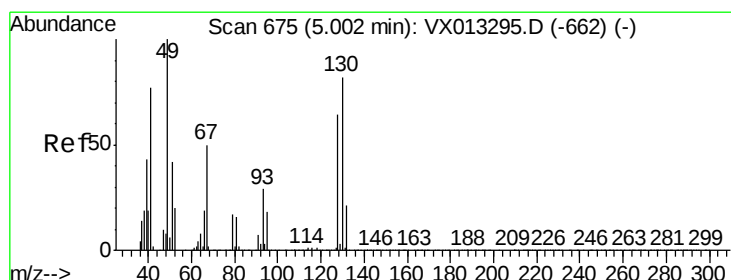
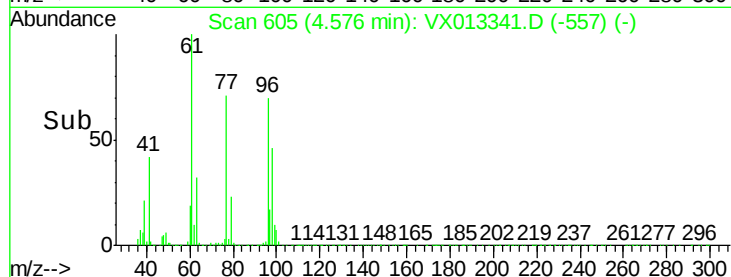
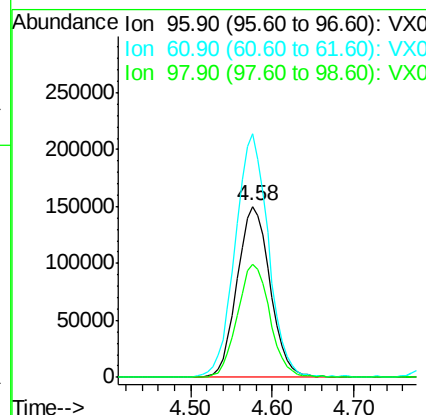
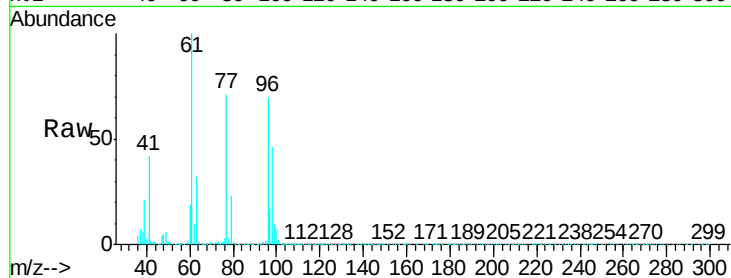
cis-1,2-Dichloroethene  
Concen: 50.832 ug/l  
RT: 4.58 min Scan# 605  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 96      | 100   |            |            |
| 61      | 143.1 | 0.0        | 288.0      |
| 98      | 65.7  | 0.0        | 129.6      |

Manual Integrations  
APPROVED

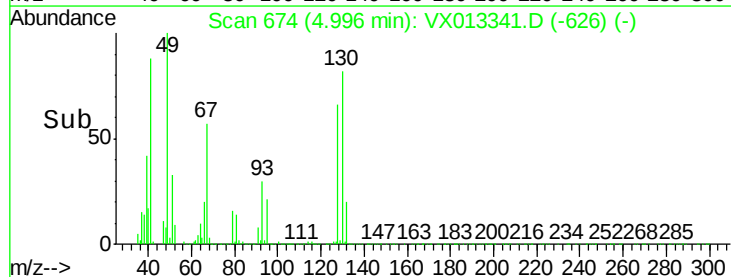
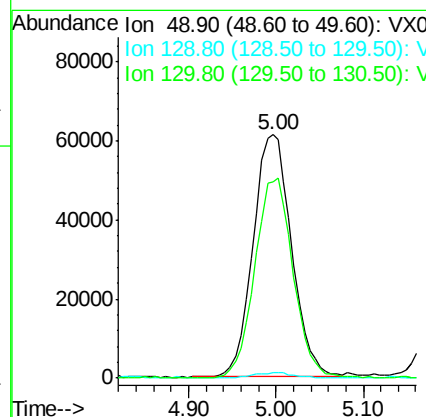
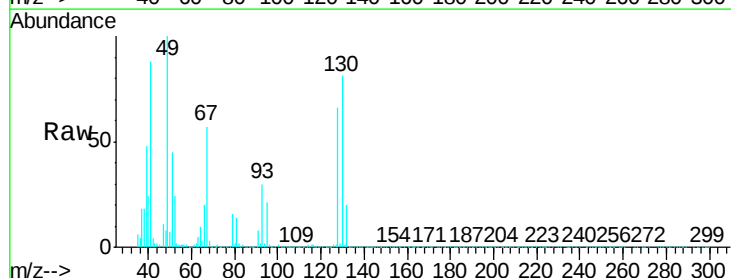
MMDadoda  
11/7/2019 9:17:15 AM

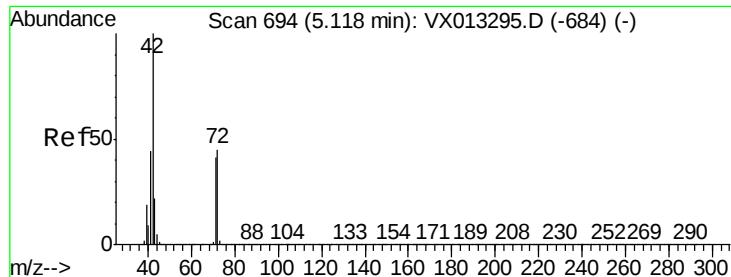


#28

Bromochloromethane  
Concen: 49.807 ug/l  
RT: 5.00 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 49      | 100   |            |            |
| 129     | 2.3   | 0.0        | 5.2        |
| 130     | 81.8  | 63.8       | 95.6       |





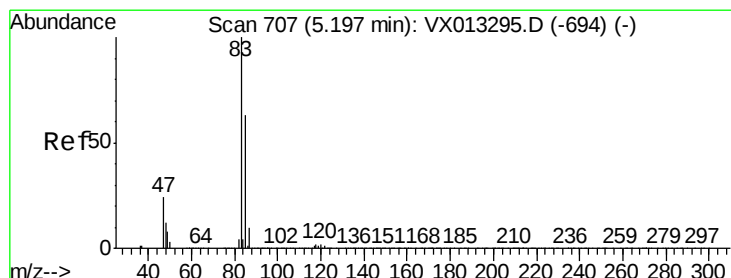
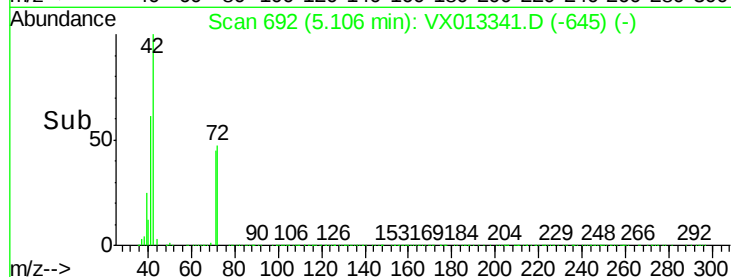
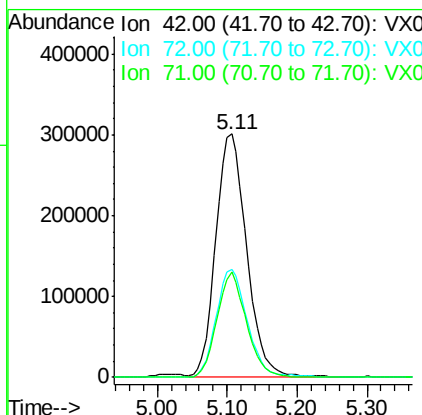
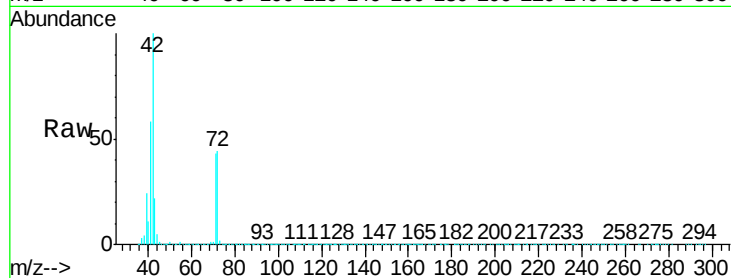
#29  
Tetrahydrofuran  
Concen: 232.793 ug/l  
RT: 5.11 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.3  | 35.8  | 53.8  |
| 71      | 41.3  | 33.4  | 50.0  |

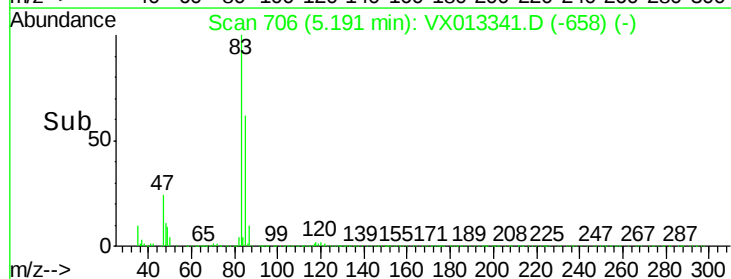
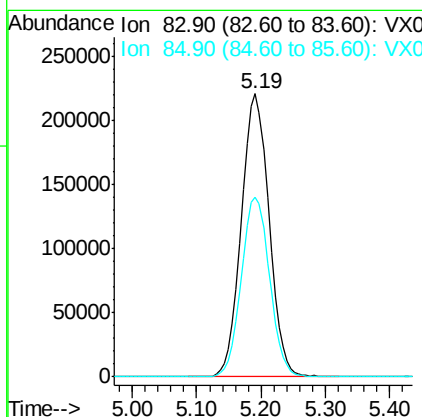
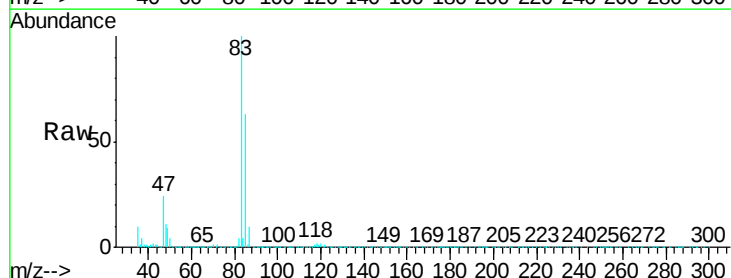
Manual Integrations  
APPROVED

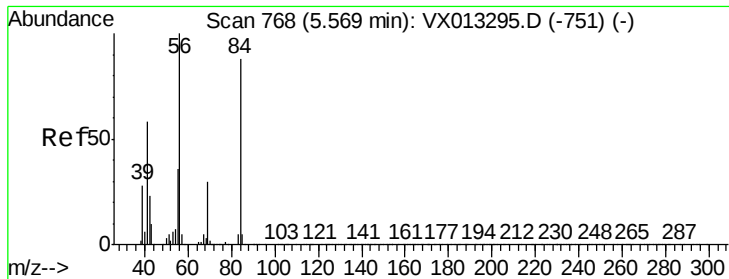
MMDadoda  
11/7/2019 9:17:15 AM



#30  
Chloroform  
Concen: 49.996 ug/l  
RT: 5.19 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

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





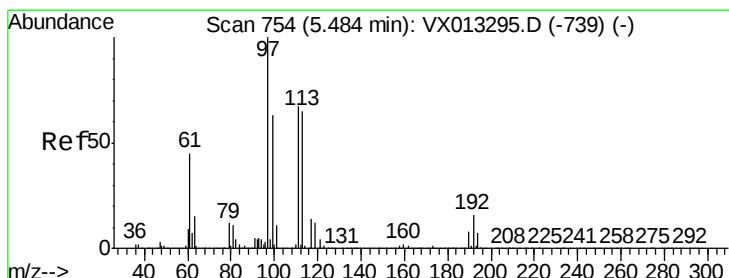
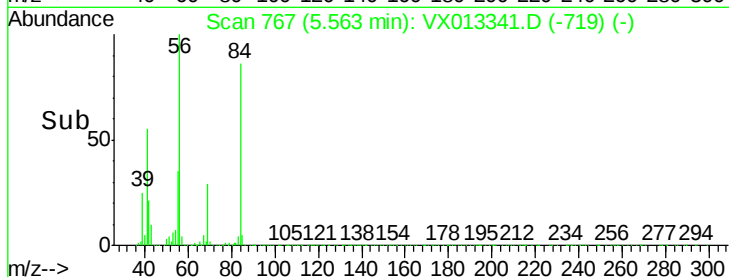
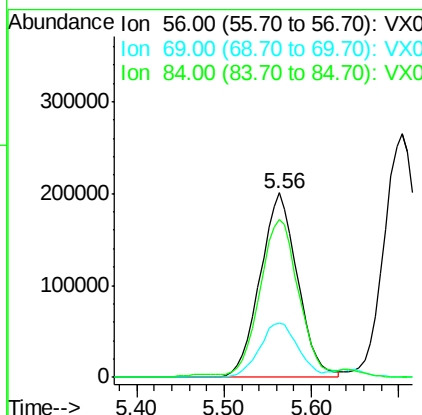
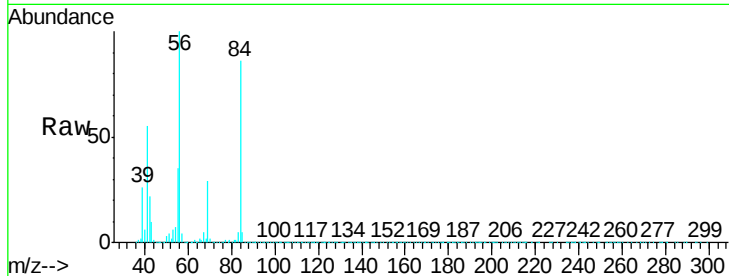
#31  
Cyclohexane  
Concen: 50.093 ug/l  
RT: 5.56 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.1  | 23.7  | 35.5  |
| 84      | 85.0  | 70.6  | 105.8 |

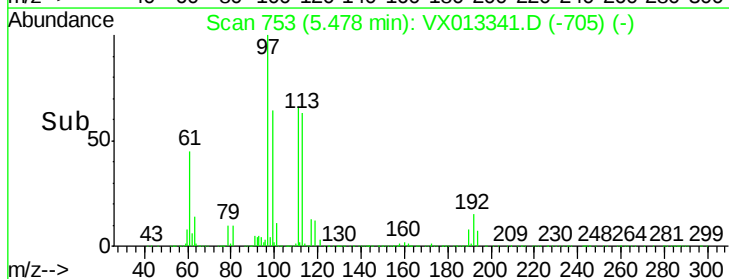
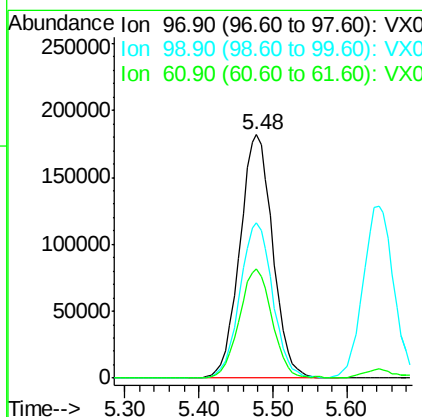
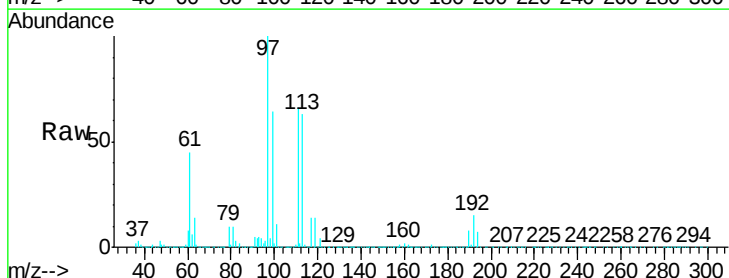
Manual Integrations  
APPROVED

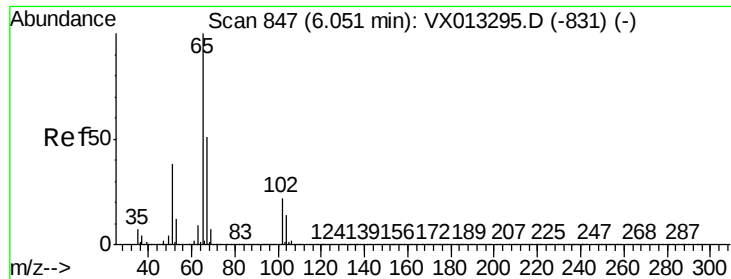
MMDadoda  
11/7/2019 9:17:15 AM



#32  
1,1,1-Trichloroethane  
Concen: 49.736 ug/l  
RT: 5.48 min Scan# 753  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.6  | 51.1  | 76.7  |
| 61      | 45.3  | 36.5  | 54.7  |





#33

1,2-Dichloroethane-d4

Concen: 46.433 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 404485

Ion Ratio Lower Upper

65 100

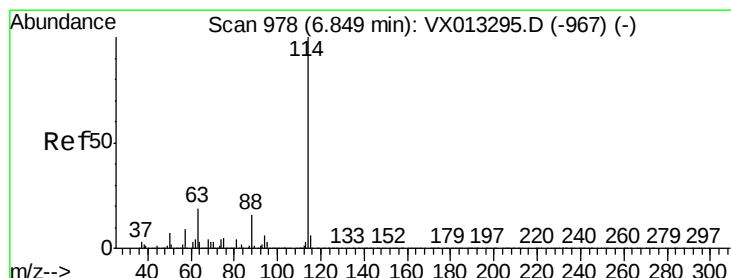
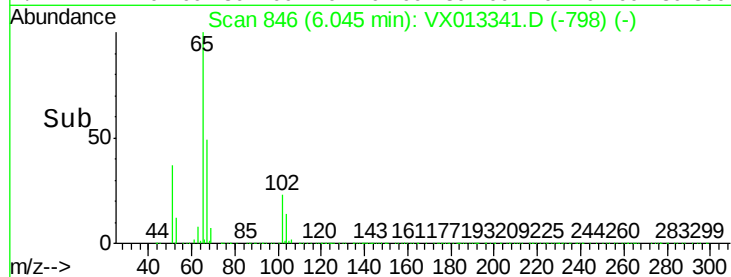
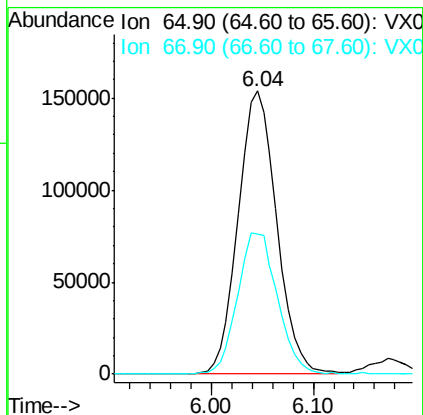
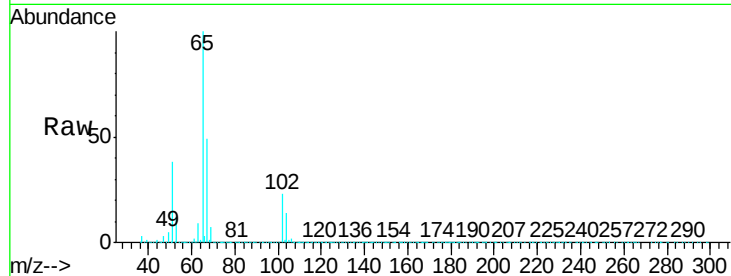
67 51.3 0.0 104.2

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

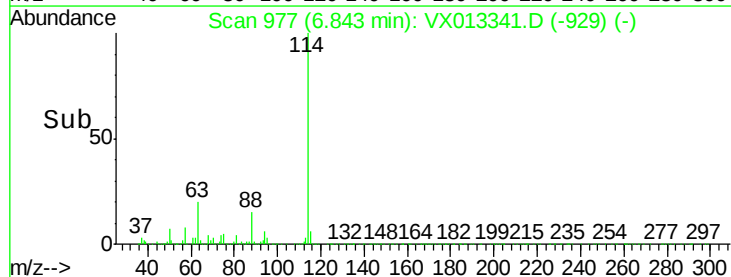
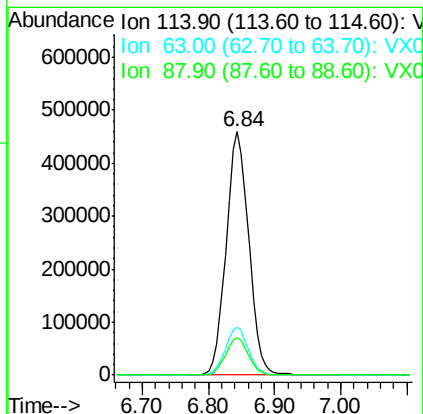
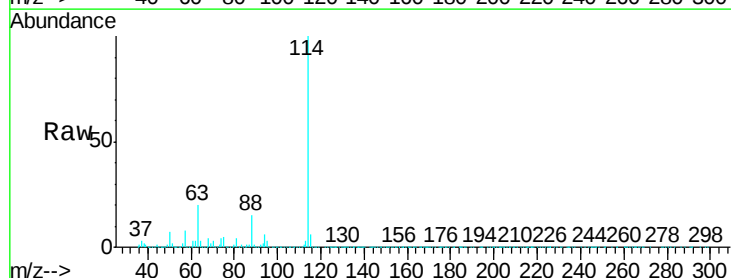
Tgt Ion: 114 Resp: 1089746

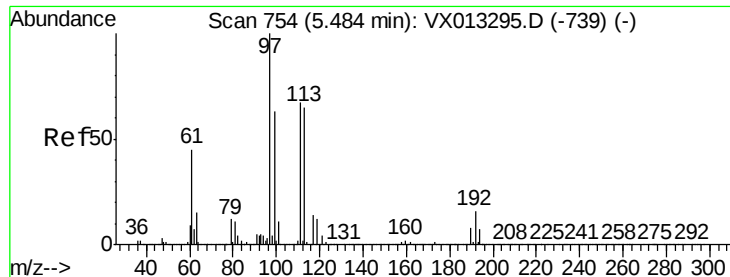
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 15.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.696 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

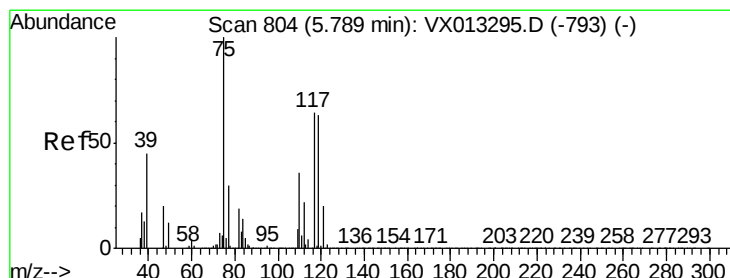
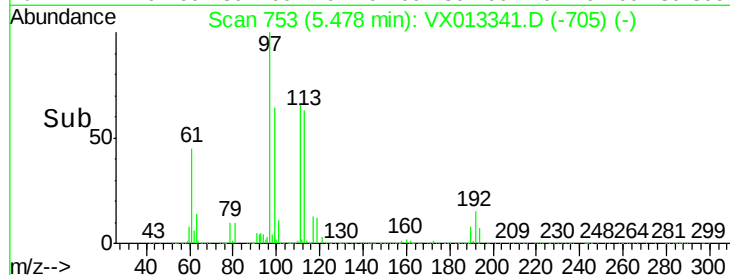
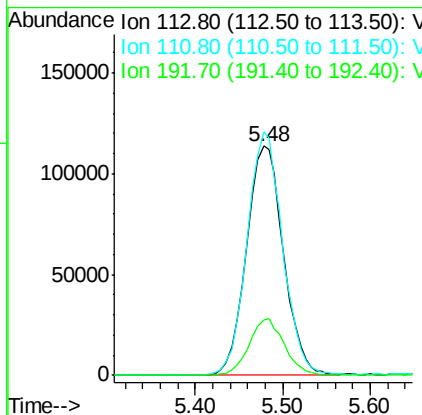
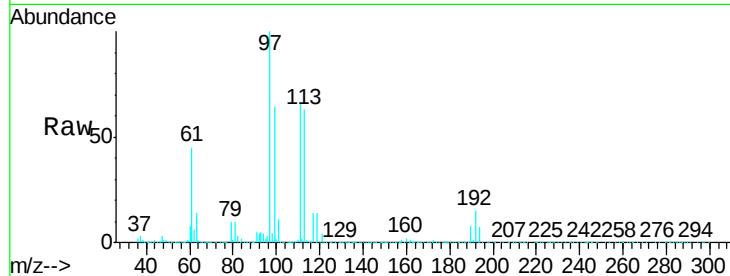
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 332836 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.7 | 81.9  | 122.9  |
| 192       | 23.5  | 19.1  | 28.7   |

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#36

1,1-Dichloropropene

Concen: 52.905 ug/l

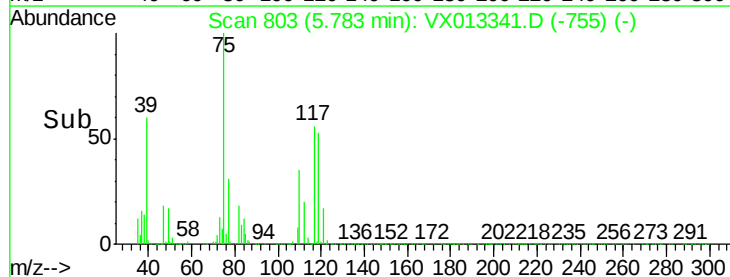
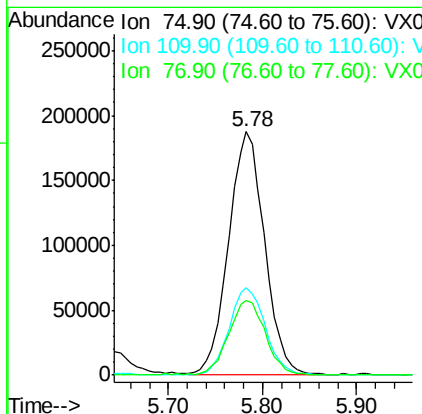
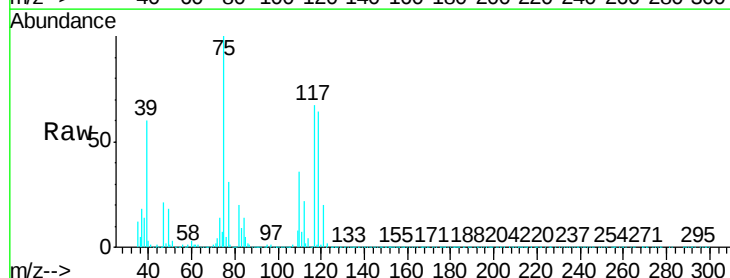
RT: 5.78 min Scan# 803

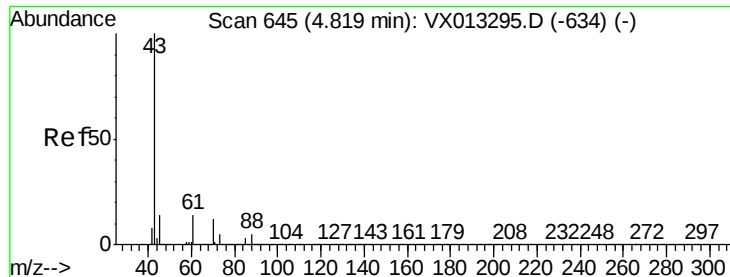
Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 494594 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.3  | 18.1  | 54.1   |
| 77        | 31.2  | 25.0  | 37.4   |





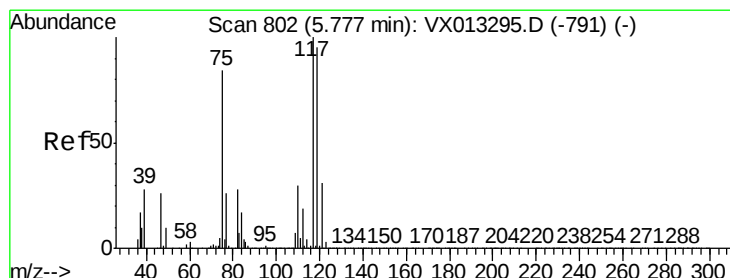
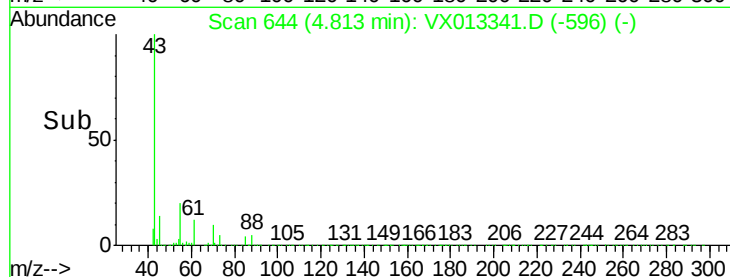
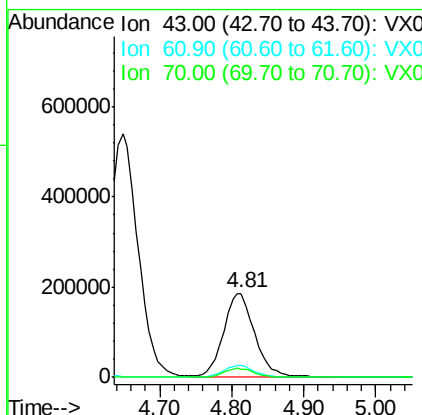
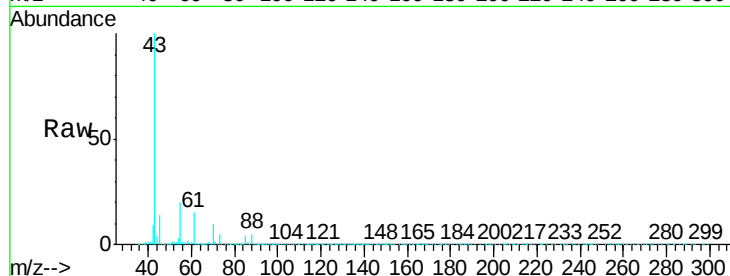
#37  
Ethyl Acetate  
Concen: 47.898 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 553304 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.6  | 10.7  | 16.1   |
| 70       | 10.7  | 8.7   | 13.1   |

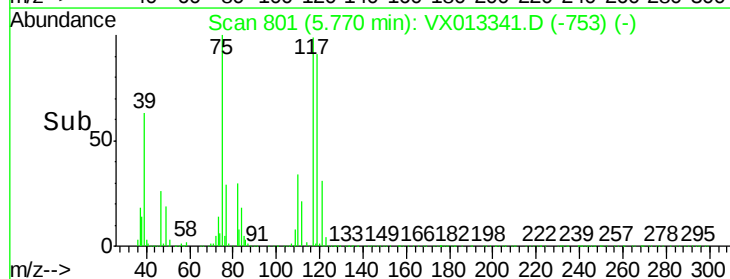
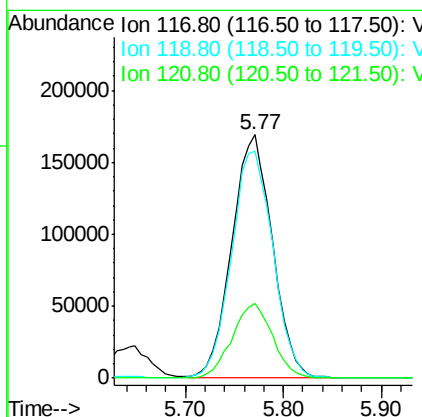
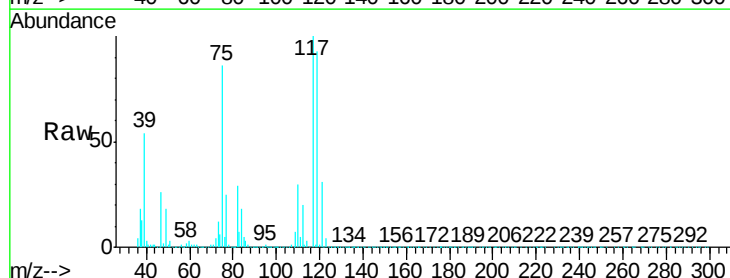
Manual Integrations  
APPROVED

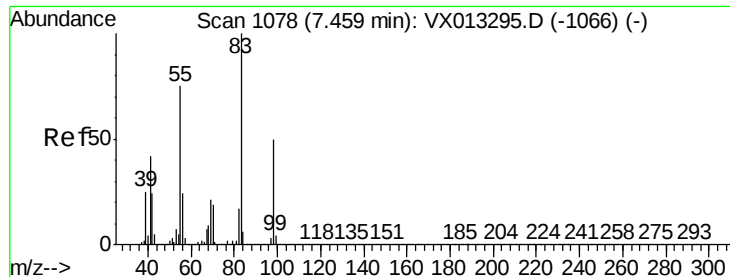
MMDadoda  
11/7/2019 9:17:15 AM



#38  
Carbon Tetrachloride  
Concen: 52.959 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 484141 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.4  | 76.1  | 114.1  |
| 121      | 30.7  | 24.6  | 37.0   |





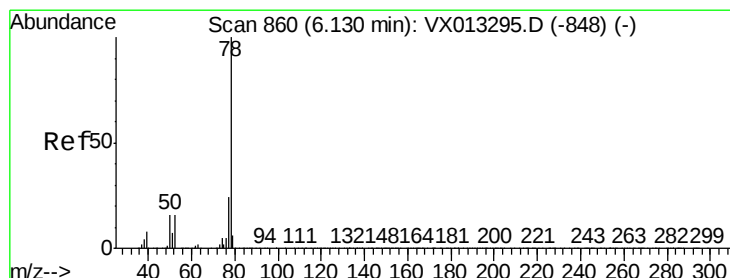
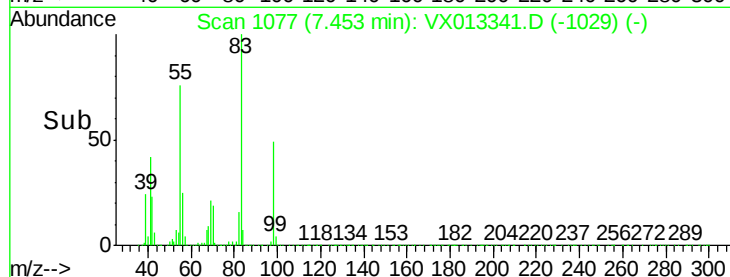
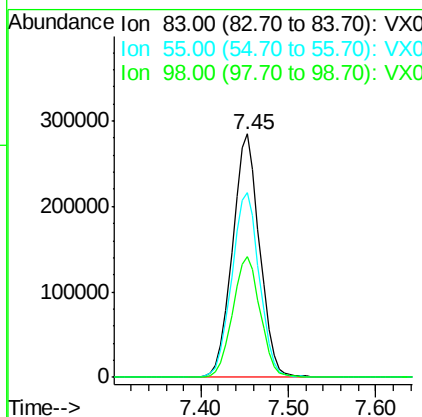
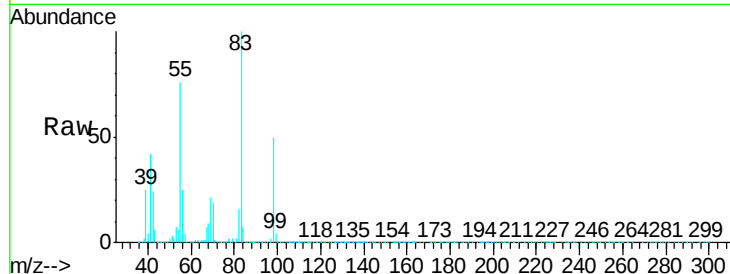
#39  
Methylcyclohexane  
Concen: 52.659 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.9  | 60.3  | 90.5  |
| 98      | 49.5  | 40.3  | 60.5  |

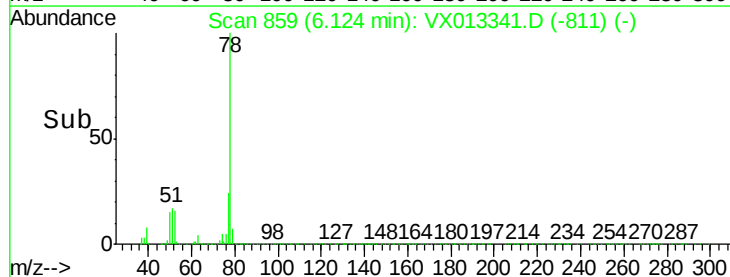
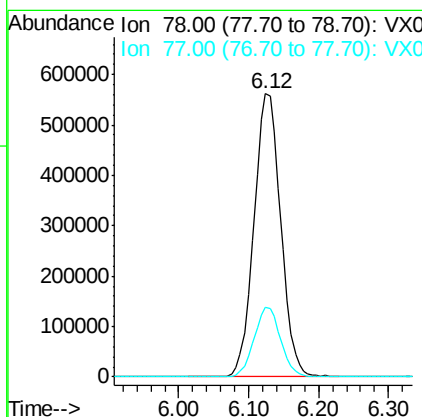
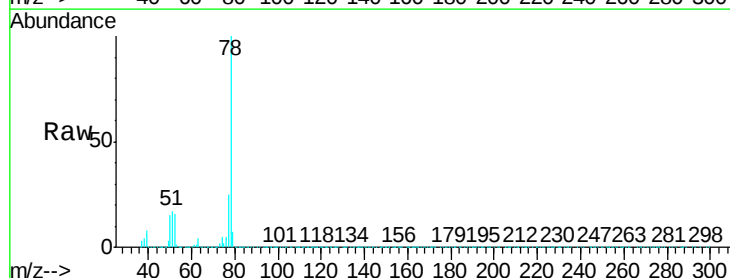
Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#40  
Benzene  
Concen: 51.248 ug/l  
RT: 6.12 min Scan# 859  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.5  | 19.5  | 29.3  |





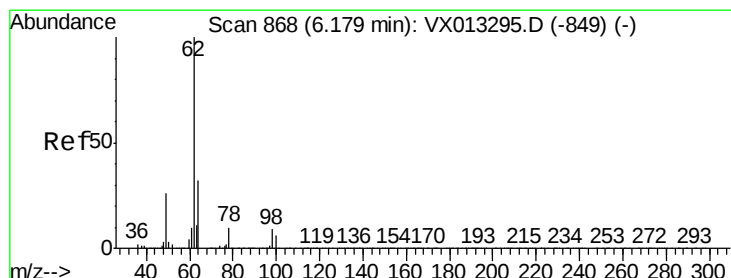
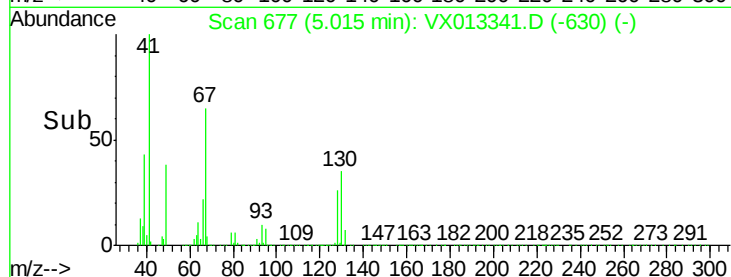
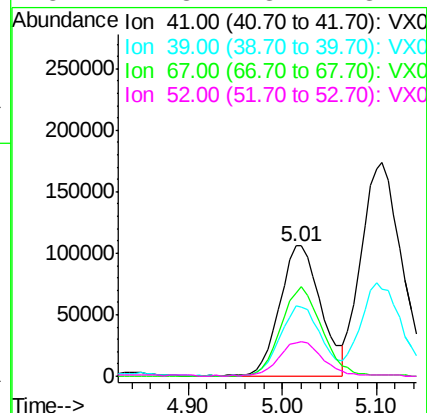
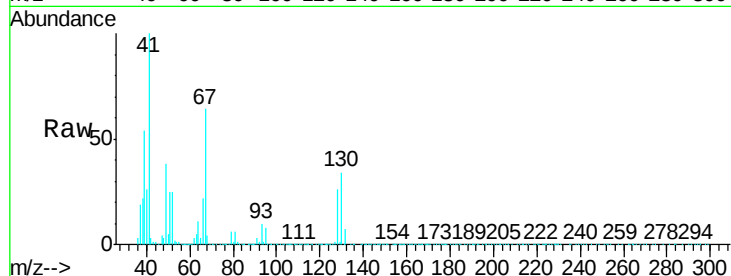
#41  
Methacrylonitrile  
Concen: 49.590 ug/l  
RT: 5.01 min Scan# 677  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.3 | 45.0  | 67.6  |       |
| 67      | 67.5 | 55.4  | 83.2  |       |
| 52      | 27.3 | 23.1  | 34.7  |       |

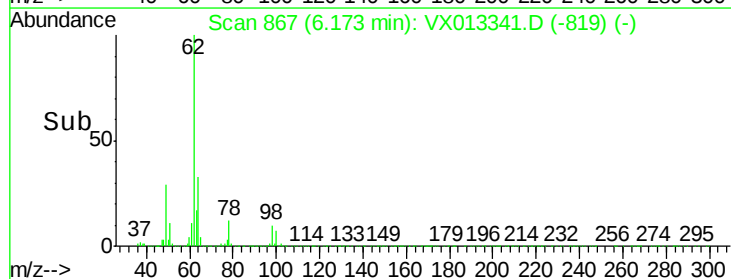
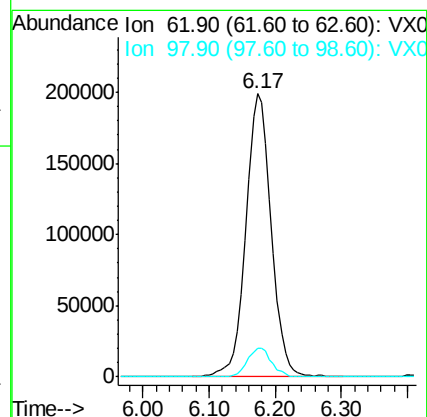
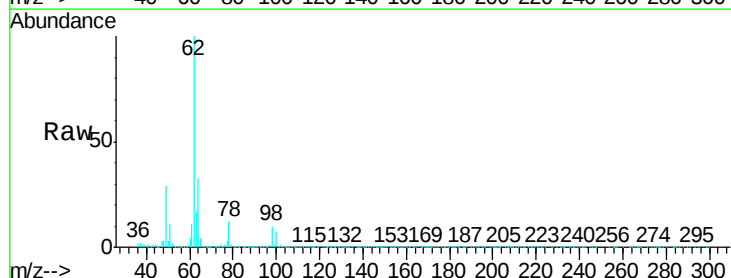
Manual Integrations  
APPROVED

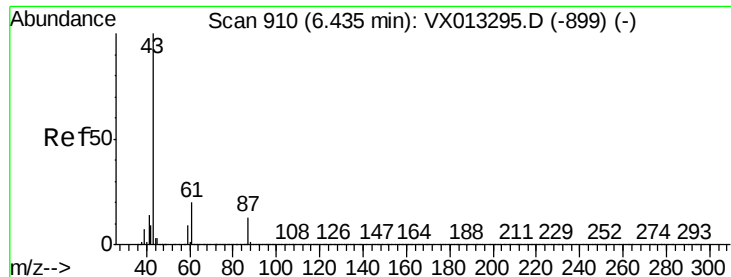
MMDadoda  
11/7/2019 9:17:15 AM



#42  
1,2-Dichloroethane  
Concen: 50.415 ug/l  
RT: 6.17 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.8 | 0.0   | 19.4  |       |





#43

Isopropyl Acetate

Concen: 50.322 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

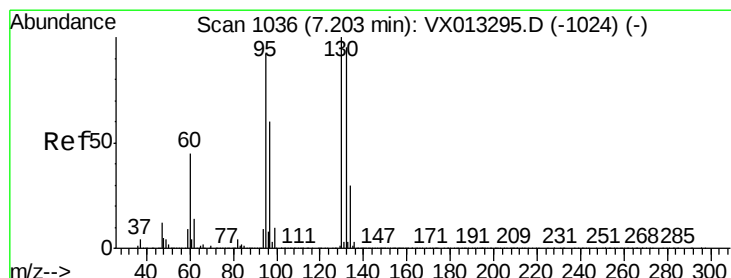
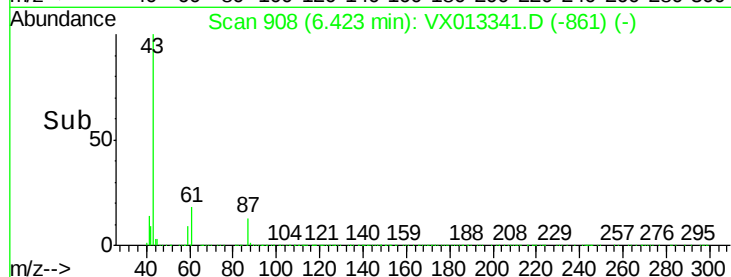
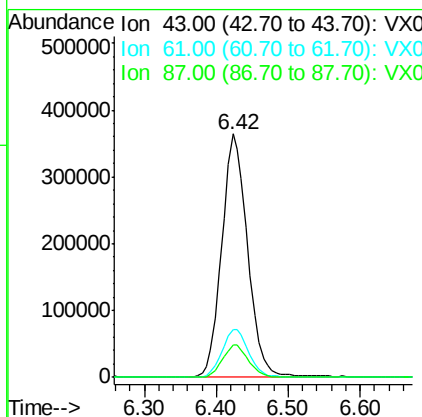
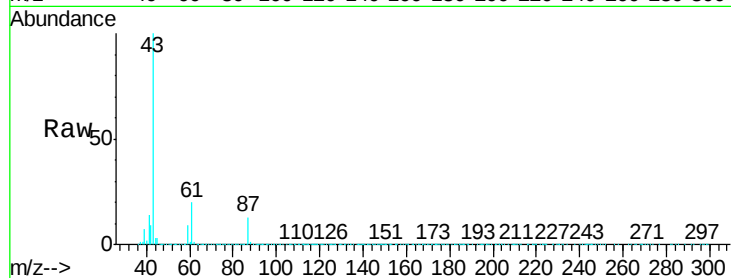
ClientSampleId :

VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 905211 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 20.2 | 15.8  | 23.8   |
| 87        | 13.2 | 10.4  | 15.6   |

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#44

Trichloroethene

Concen: 51.381 ug/l

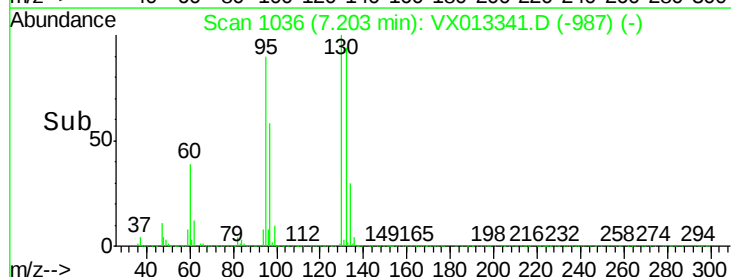
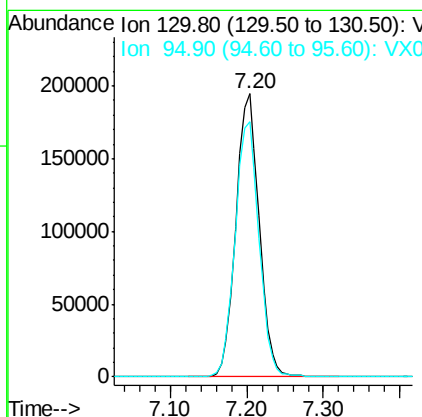
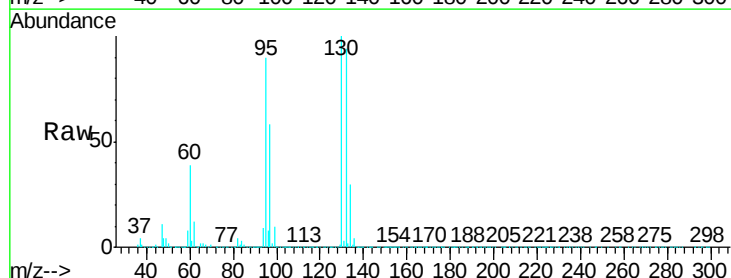
RT: 7.20 min Scan# 1036

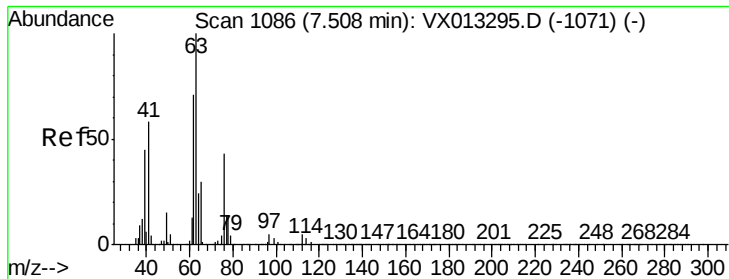
Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 130  | Resp: | 411864 |
| Ion Ratio |      | Lower | Upper  |
| 130       | 100  |       |        |
| 95        | 90.1 | 0.0   | 184.8  |





#45

1,2-Dichloropropane

Concen: 51.967 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 385590

Ion Ratio Lower Upper

63 100

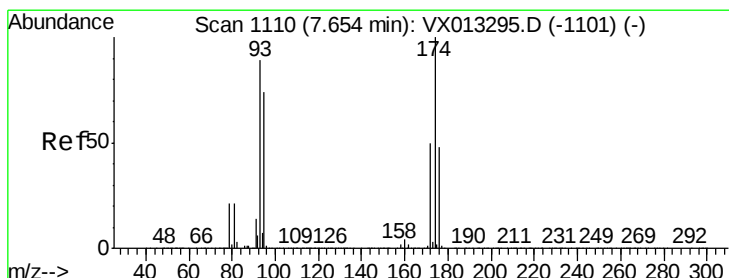
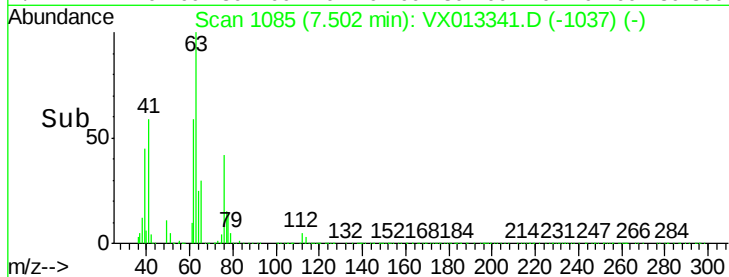
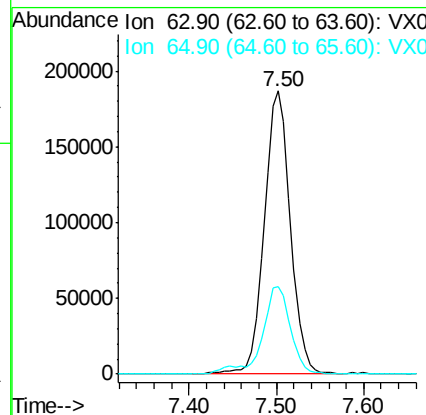
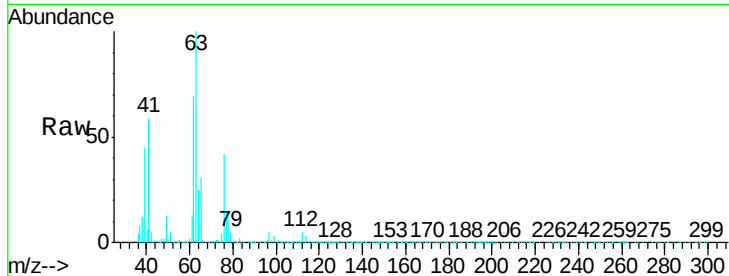
65 30.9 24.3 36.5

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#46

Dibromomethane

Concen: 49.336 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

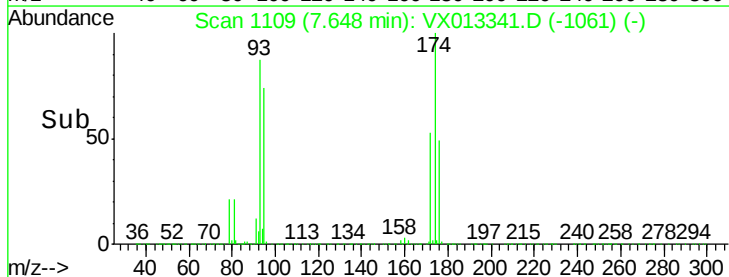
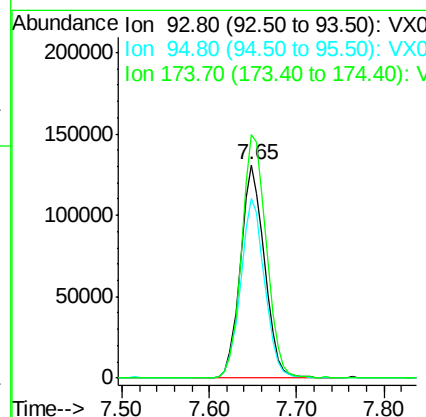
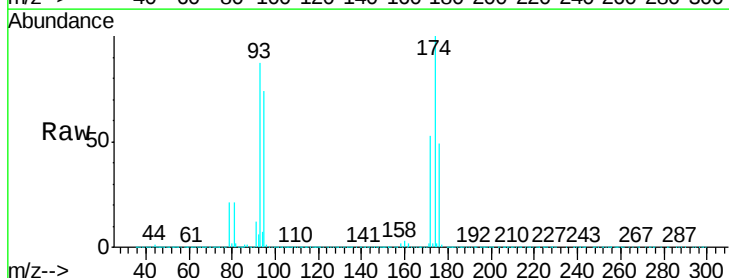
Tgt Ion: 93 Resp: 249942

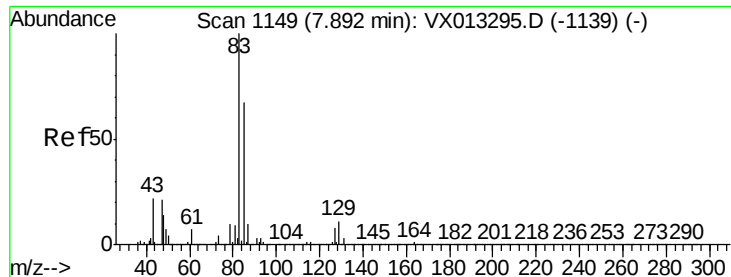
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.6

174 117.7 90.4 135.6





#47

Bromodichloromethane

Concen: 53.556 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

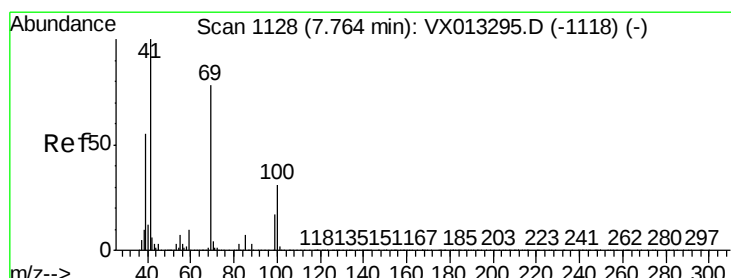
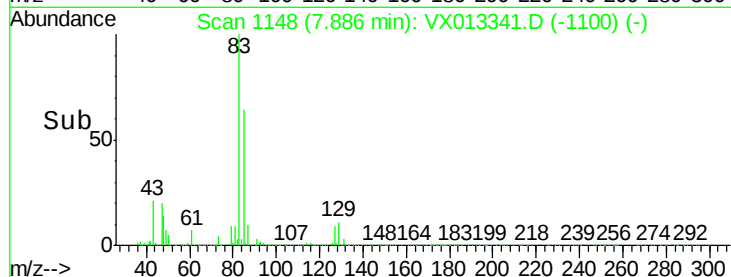
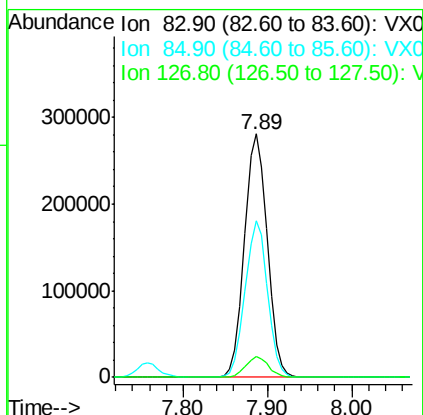
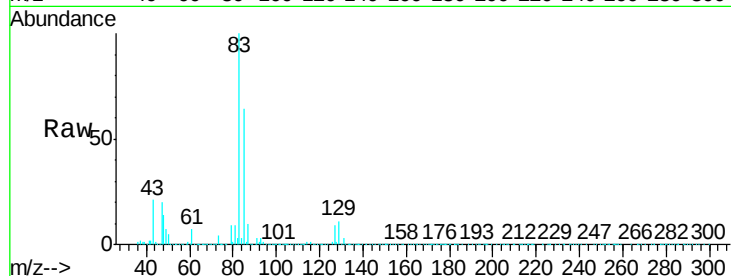
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 511629 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.1  | 53.7  | 80.5   |
| 127       | 8.6   | 6.4   | 9.6    |

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#48

Methyl methacrylate

Concen: 50.597 ug/l

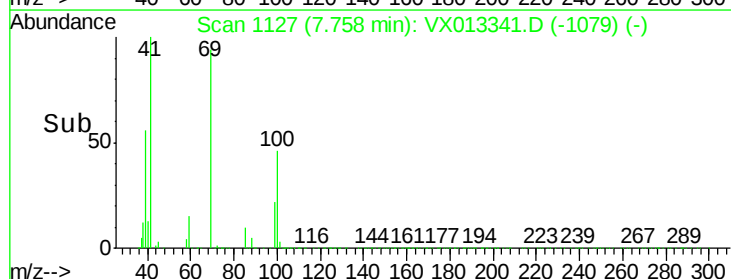
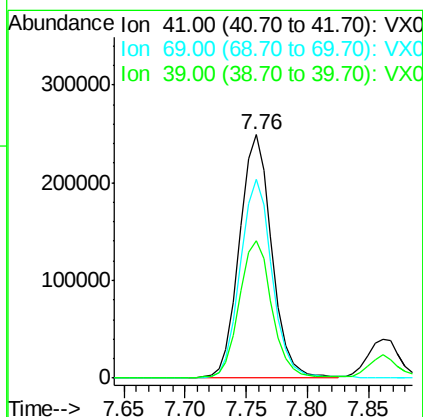
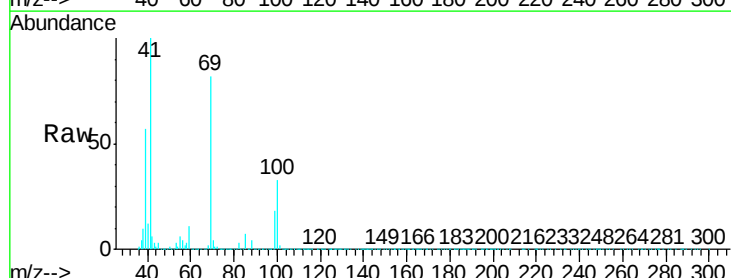
RT: 7.76 min Scan# 1127

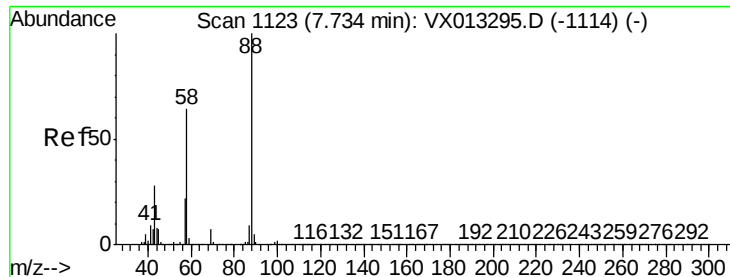
Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 454330 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 80.7  | 63.0  | 94.6   |
| 39        | 56.8  | 45.9  | 68.9   |





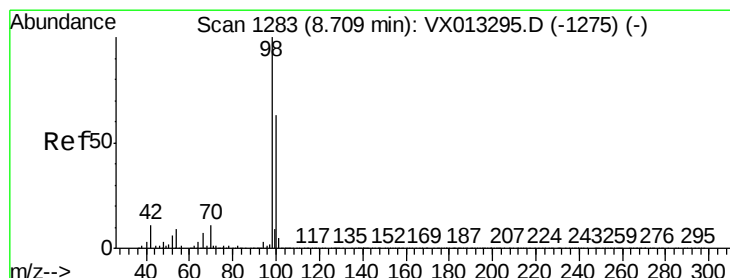
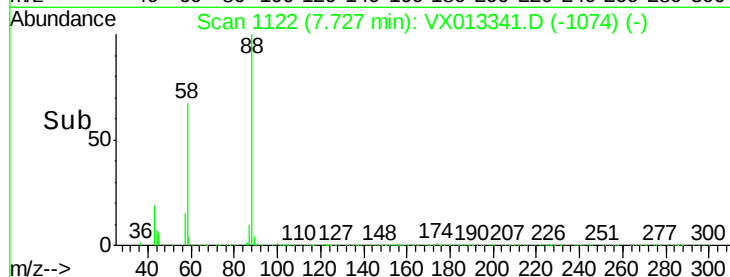
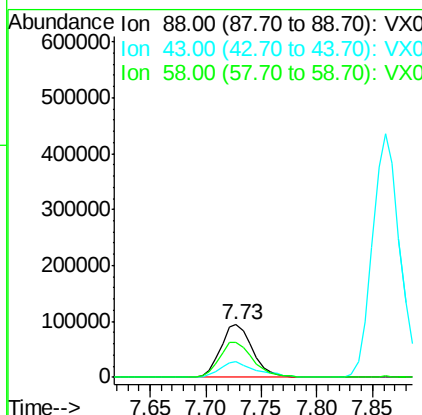
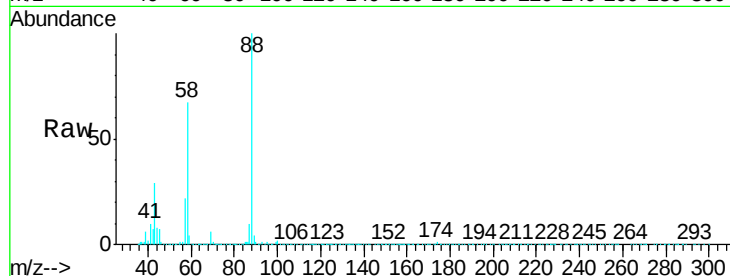
#49  
1,4-Dioxane  
Concen: 895.410 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.9  | 26.6  | 39.8  |
| 58      | 70.3  | 55.0  | 82.6  |

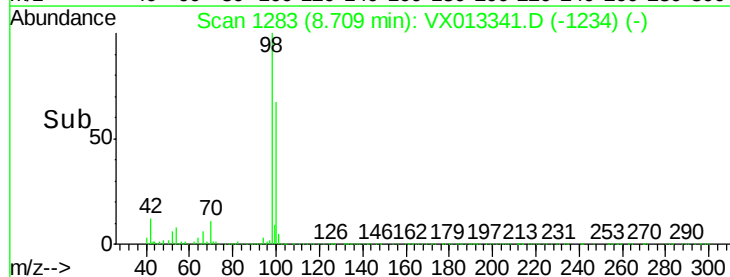
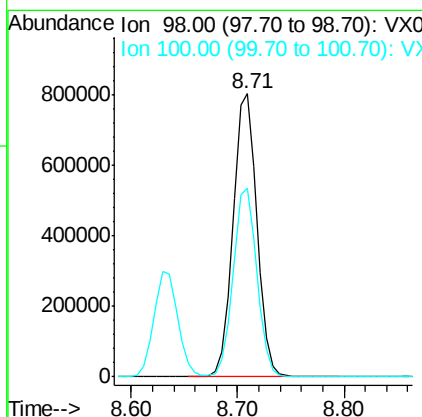
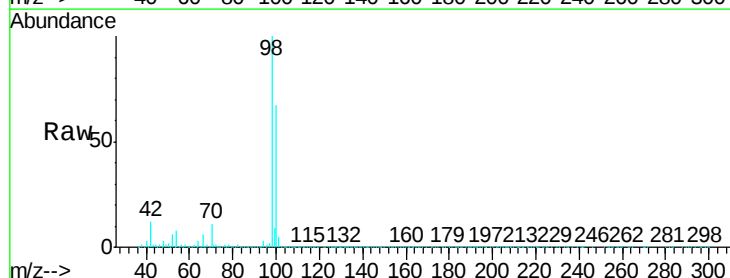
Manual Integrations  
APPROVED

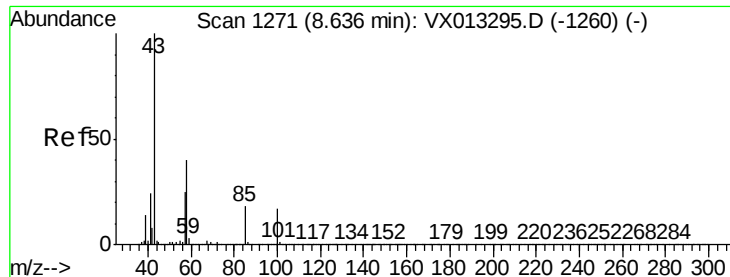
MMDadoda  
11/7/2019 9:17:15 AM



#50  
Toluene-d8  
Concen: 48.980 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.5  | 52.2  | 78.2  |





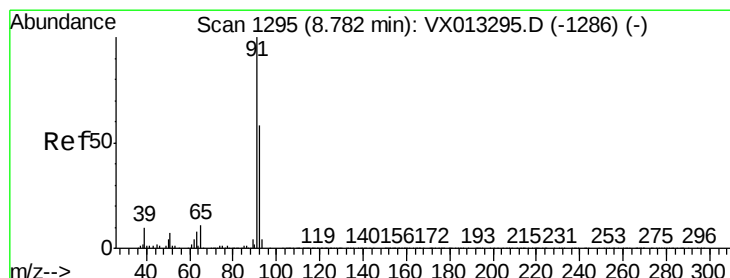
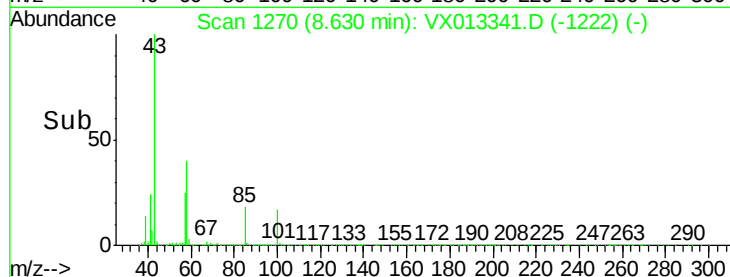
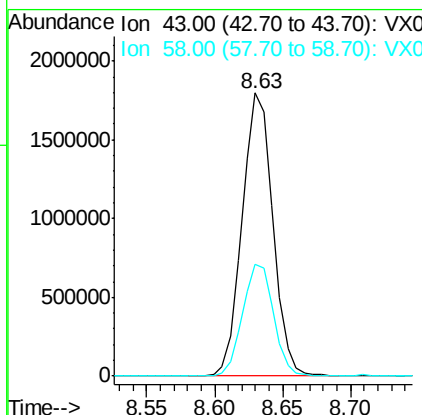
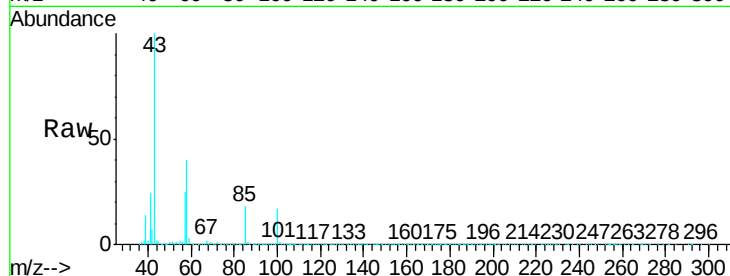
#51  
4-Methyl-2-Pentanone  
Concen: 240.519 ug/l  
RT: 8.63 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 2838569  
Ion Ratio Lower Upper  
43 100  
58 40.1 31.4 47.0

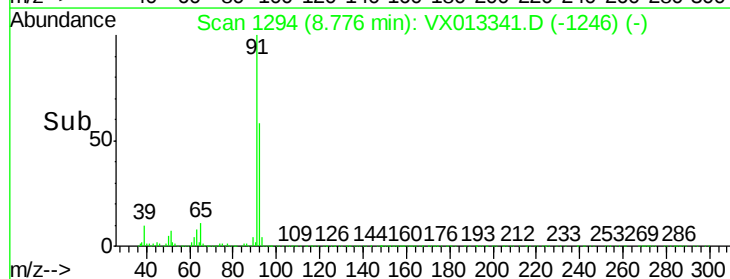
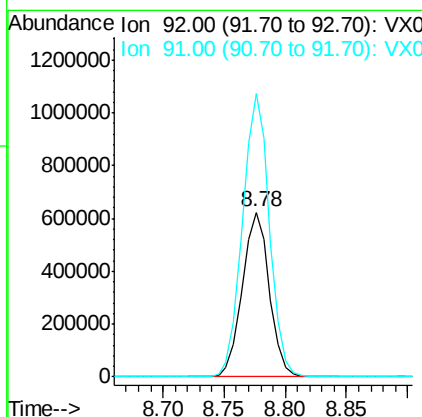
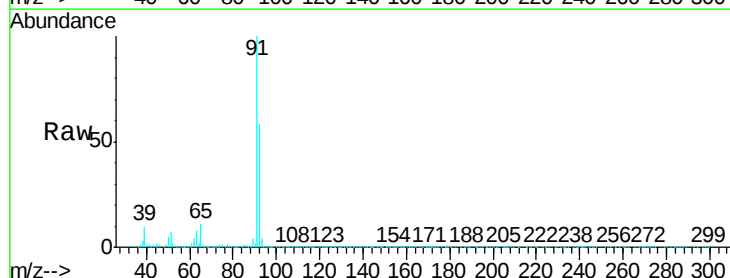
Manual Integrations  
APPROVED

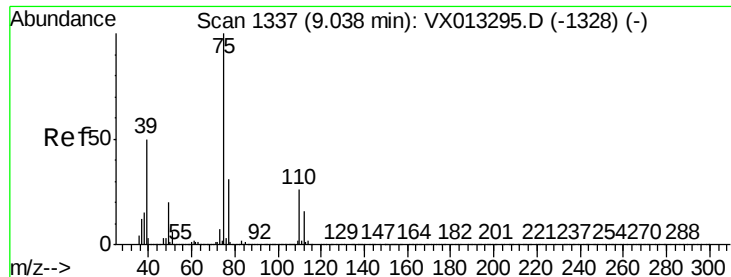
MMDadoda  
11/7/2019 9:17:15 AM



#52  
Toluene  
Concen: 52.535 ug/l  
RT: 8.78 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Tgt Ion: 92 Resp: 948204  
Ion Ratio Lower Upper  
92 100  
91 172.0 138.0 207.0





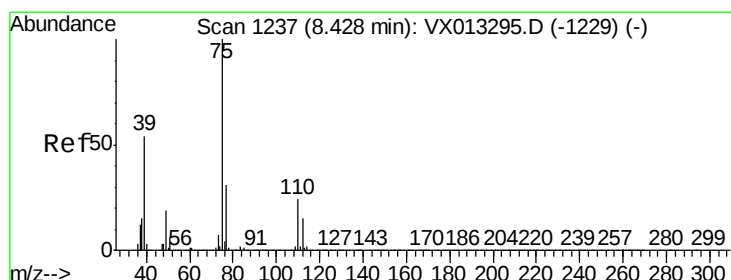
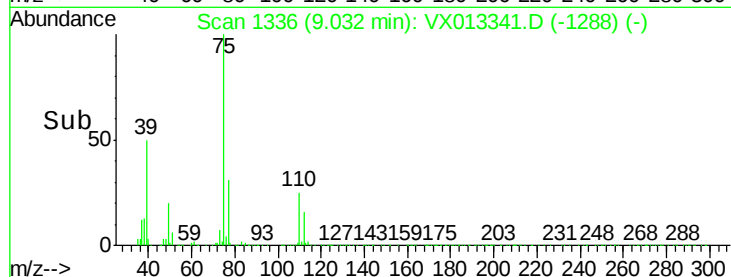
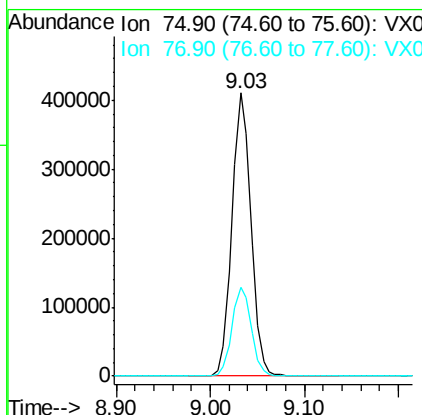
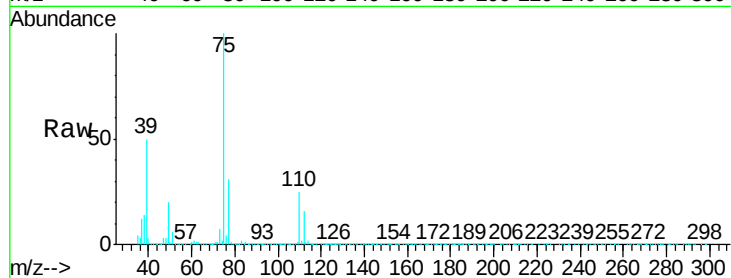
#53  
t-1,3-Dichloropropene  
Concen: 55.212 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 576758  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.0 37.4

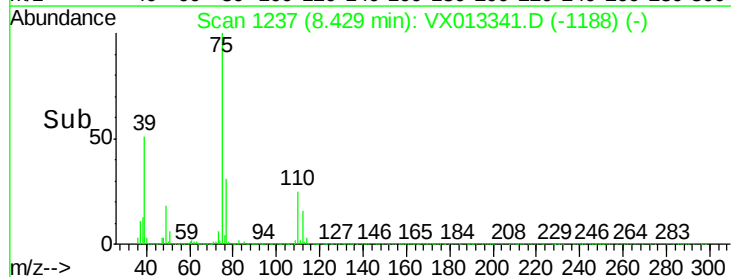
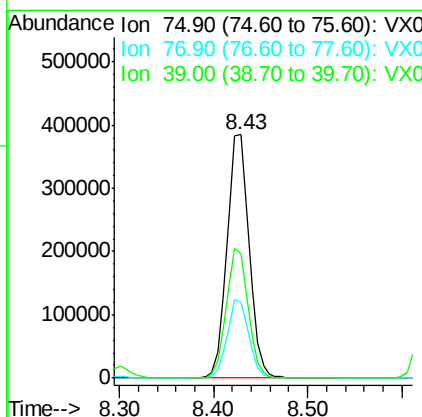
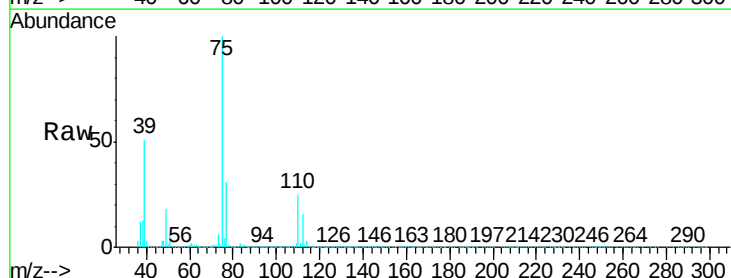
Manual Integrations  
APPROVED

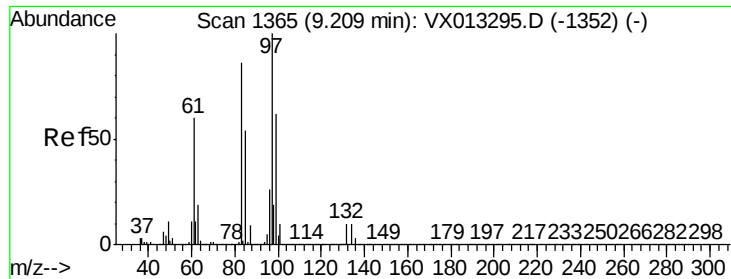
MMDadoda  
11/7/2019 9:17:15 AM



#54  
cis-1,3-Dichloropropene  
Concen: 53.821 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Tgt Ion: 75 Resp: 628913  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.7 37.1  
39 50.8 43.0 64.6





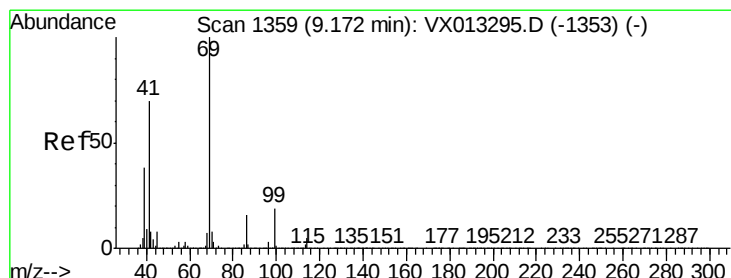
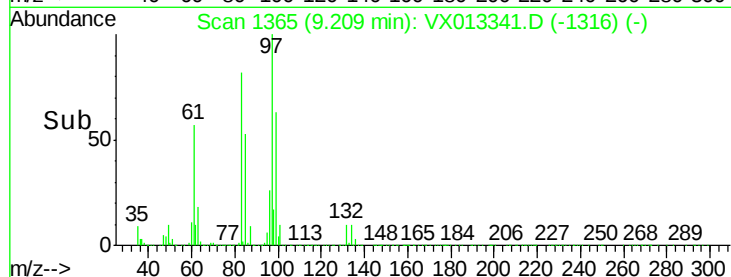
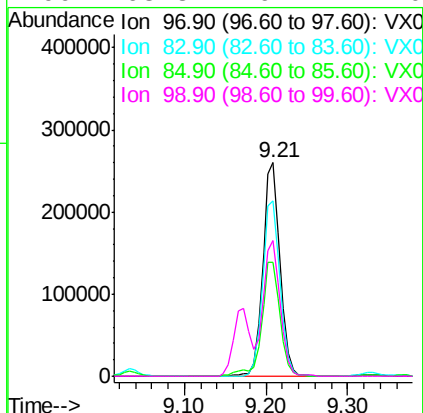
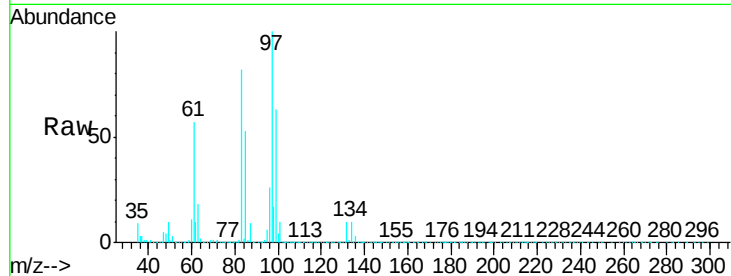
#55  
 1,1,2-Trichloroethane  
 Concen: 51.366 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 384273 |       |       |
| 83      | 82.3  | 68.6   | 103.0 |       |
| 85      | 53.4  | 43.1   | 64.7  |       |
| 99      | 63.3  | 49.4   | 74.0  |       |

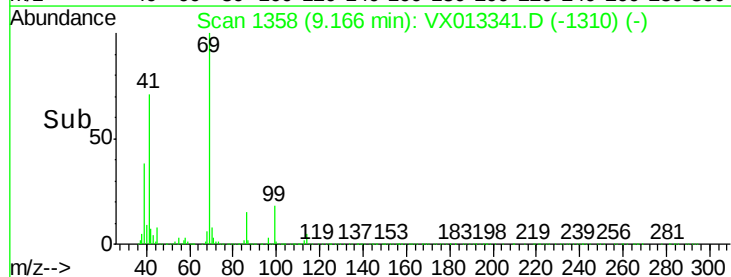
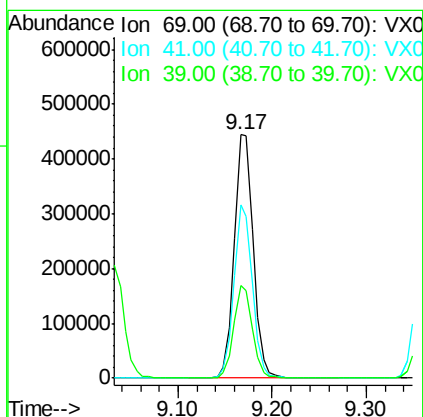
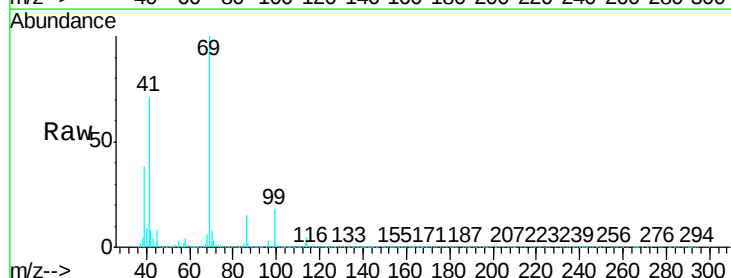
Manual Integrations  
 APPROVED

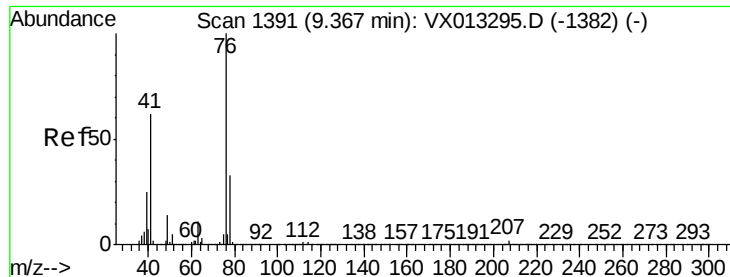
MMDadoda  
 11/7/2019 9:17:15 AM



#56  
 Ethyl methacrylate  
 Concen: 48.777 ug/l  
 RT: 9.17 min Scan# 1358  
 Delta R.T. -0.01 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 622465 |       |       |
| 41      | 68.6  | 56.2   | 84.2  |       |
| 39      | 36.8  | 31.1   | 46.7  |       |





#57

1,3-Dichloropropane

Concen: 50.919 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 646637

Ion Ratio Lower Upper

76 100

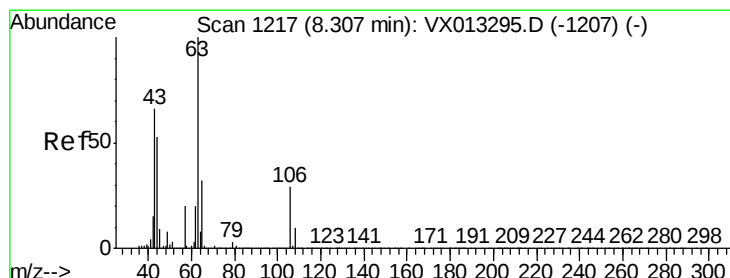
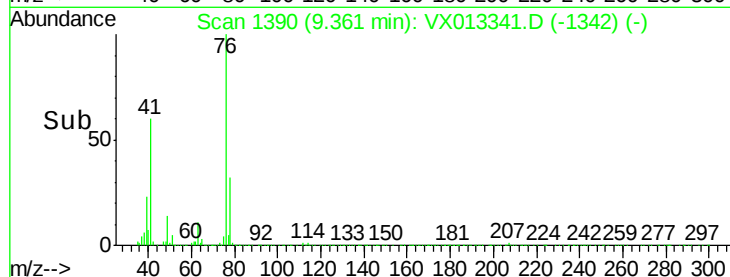
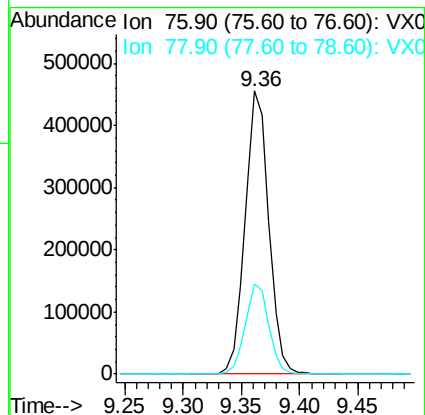
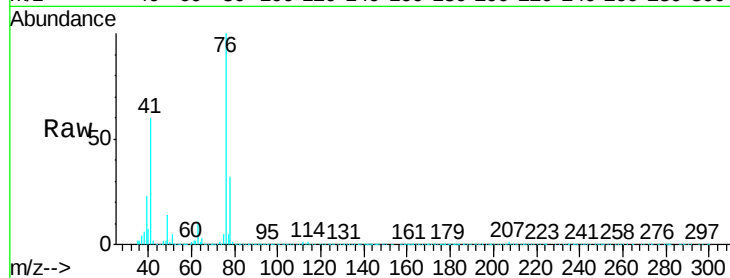
78 32.1 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#58

2-Chloroethyl Vinyl ether

Concen: 257.166 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013341.D

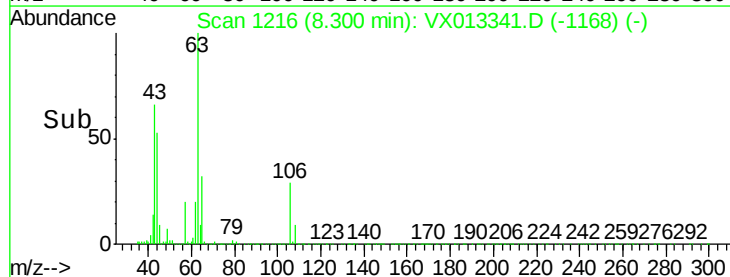
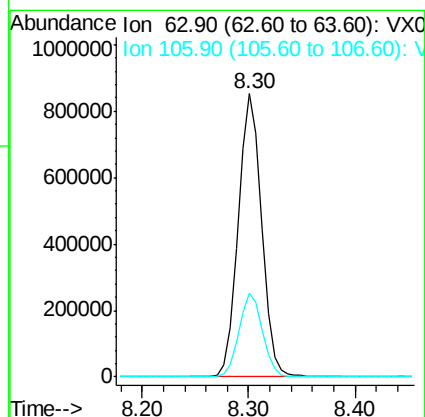
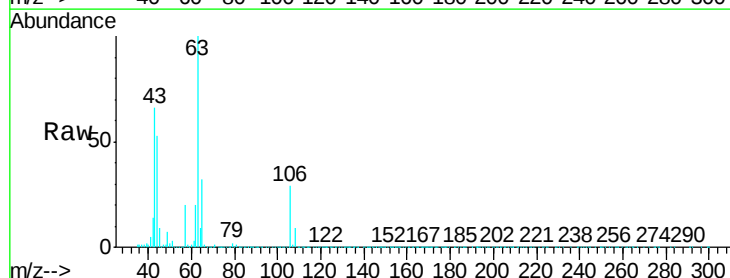
Acq: 06 Nov 2019 15:01

Tgt Ion: 63 Resp: 1315453

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2





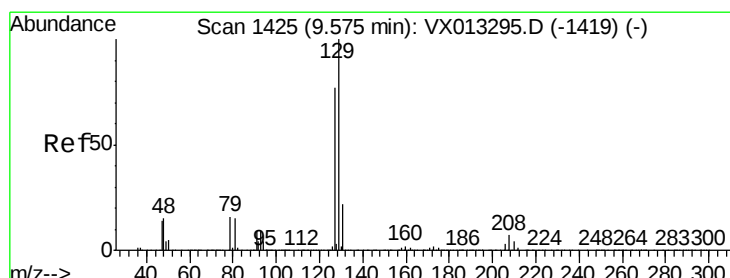
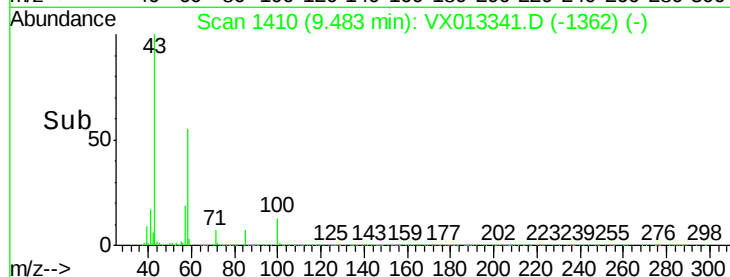
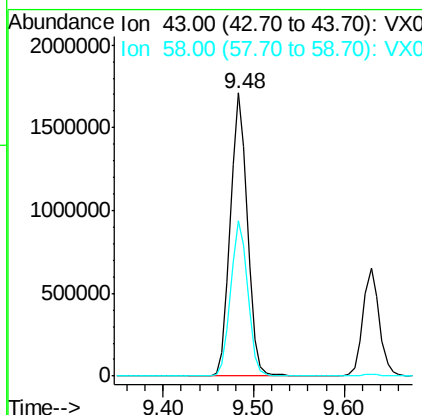
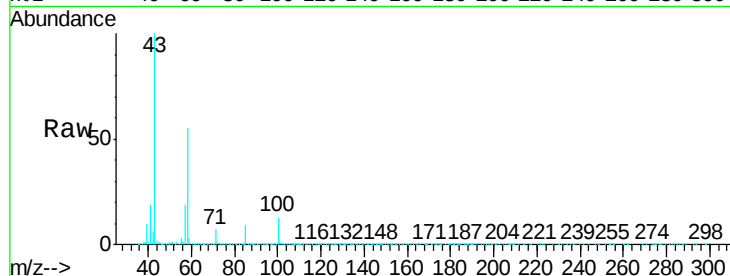
#59  
2-Hexanone  
Concen: 245.227 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 2236522  
Ion Ratio Lower Upper  
43 100  
58 55.1 27.3 81.8

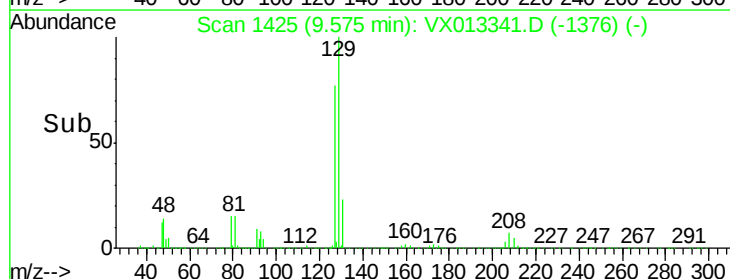
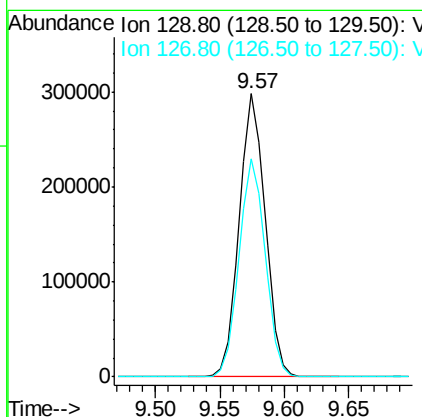
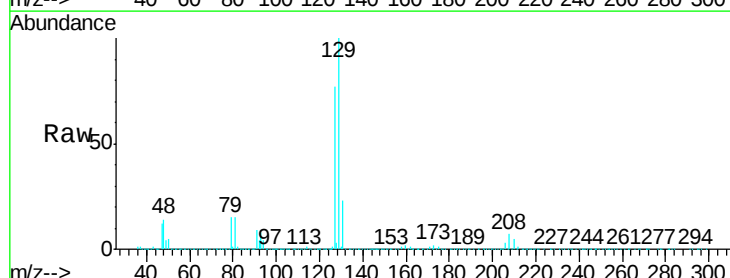
Manual Integrations  
APPROVED

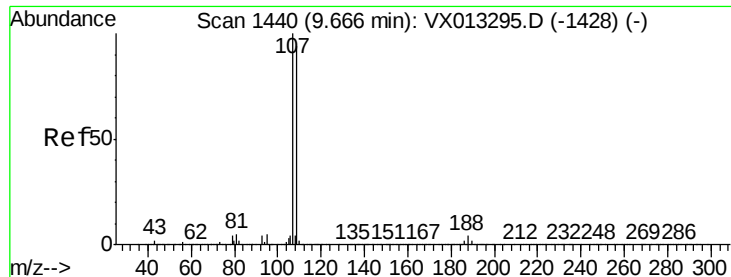
MMDadoda  
11/7/2019 9:17:15 AM



#60  
Dibromochloromethane  
Concen: 54.702 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Tgt Ion: 129 Resp: 418527  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.1 117.2





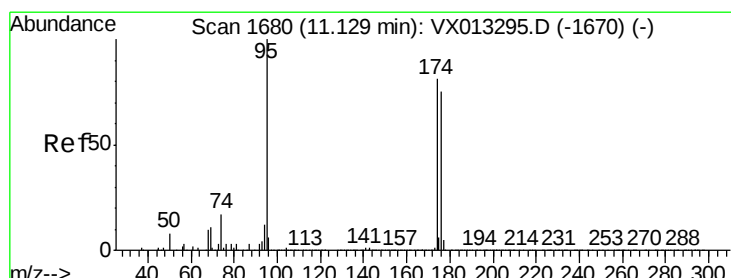
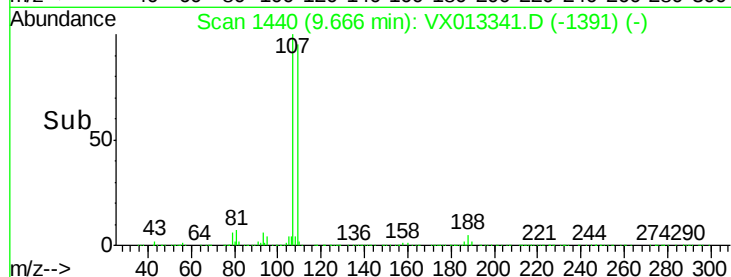
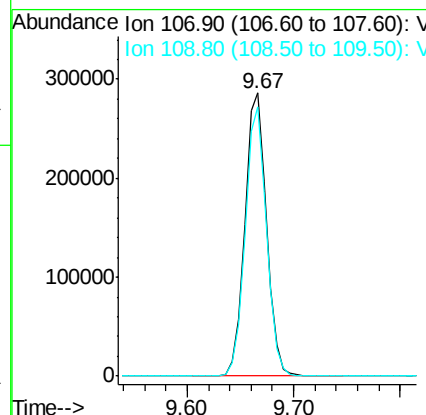
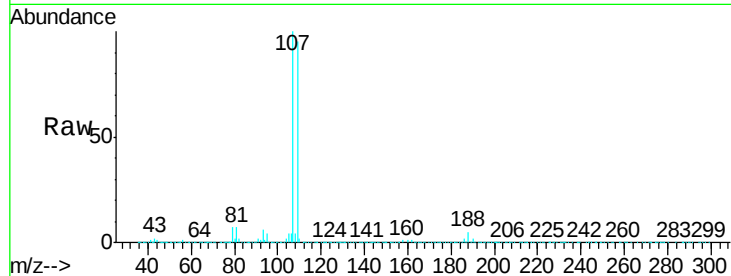
#61  
 1,2-Dibromoethane  
 Concen: 51.240 ug/l  
 RT: 9.67 min Scan# 1440  
 Delta R.T. 0.00 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 407046 |       |       |
| 109     | 93.7  | 75.1   | 112.7 |       |

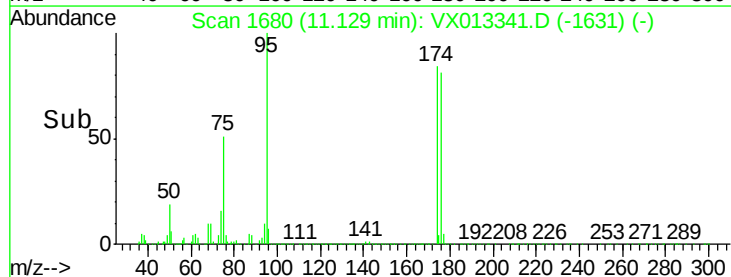
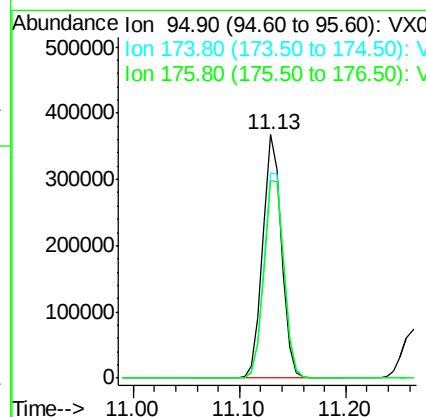
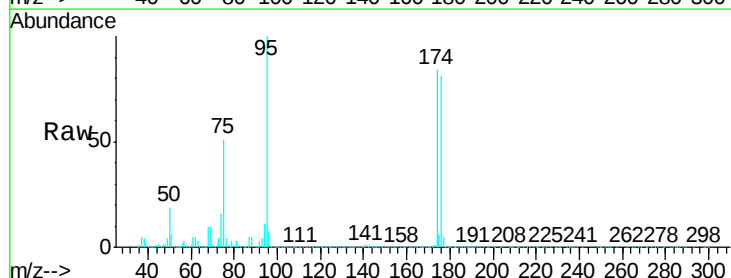
Manual Integrations  
 APPROVED

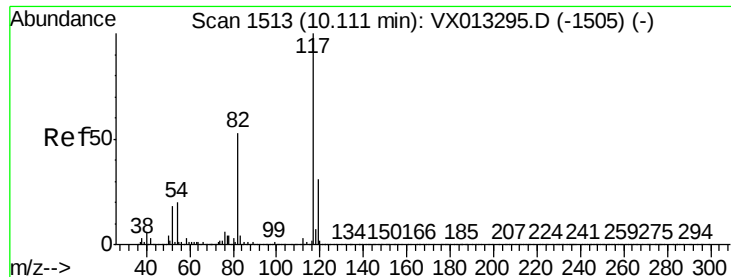
MMDadoda  
 11/7/2019 9:17:15 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.989 ug/l  
 RT: 11.13 min Scan# 1680  
 Delta R.T. 0.00 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 455575 |       |       |
| 174     | 90.2  | 0.0    | 179.8 |       |
| 176     | 86.8  | 0.0    | 173.0 |       |





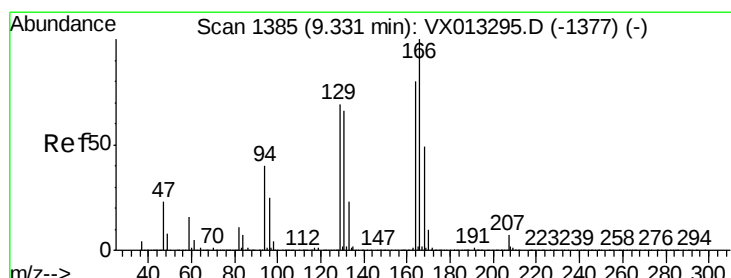
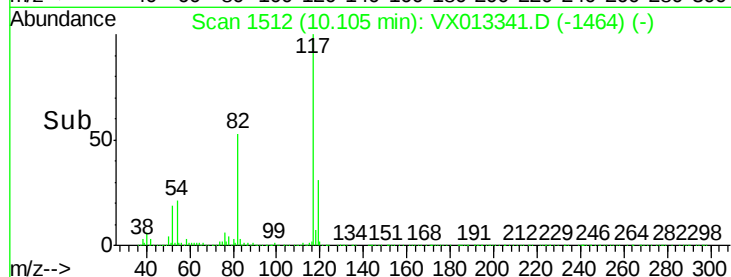
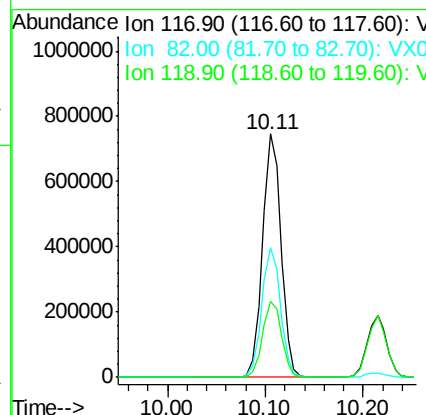
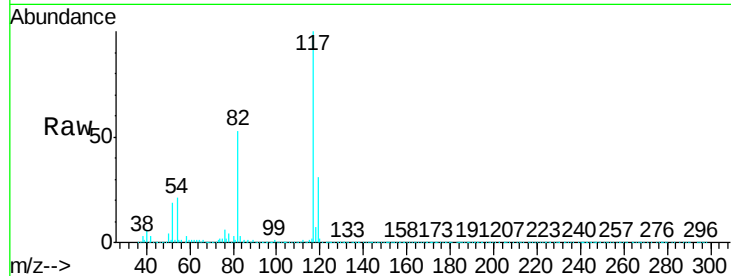
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 983444 |       |       |
| 82      | 53.3  | 42.6   | 64.0  |       |
| 119     | 31.3  | 24.8   | 37.2  |       |

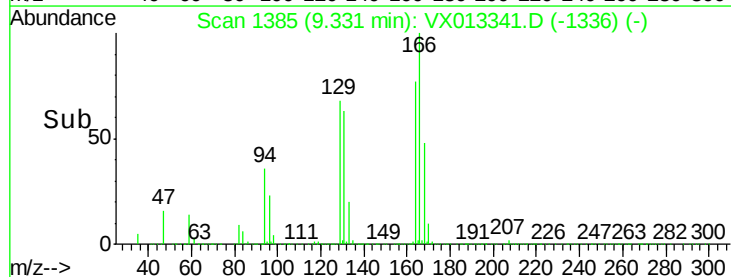
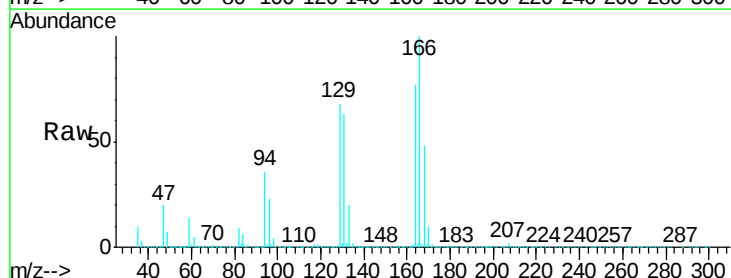
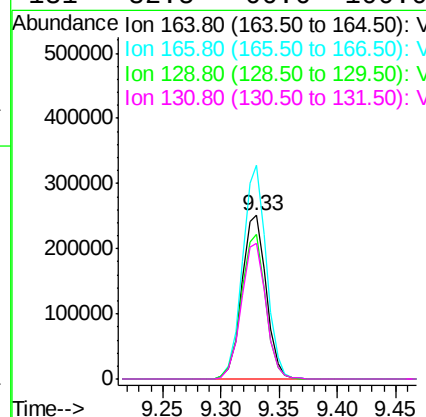
Manual Integrations  
APPROVED

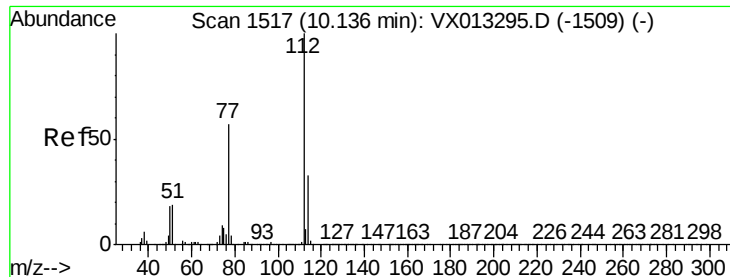
MMDadoda  
11/7/2019 9:17:15 AM



#64  
Tetrachloroethene  
Concen: 52.188 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 367413 |       |       |
| 166     | 130.5 | 100.4  | 150.6 |       |
| 129     | 88.1  | 69.4   | 104.2 |       |
| 131     | 82.5  | 66.6   | 100.0 |       |





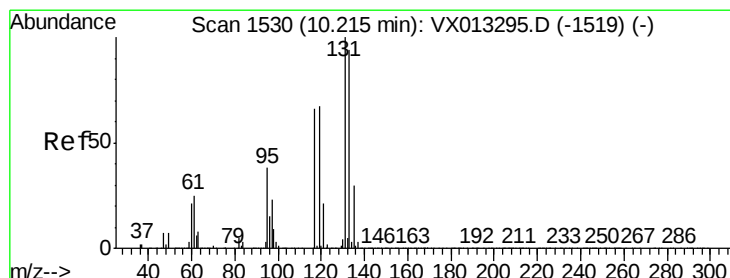
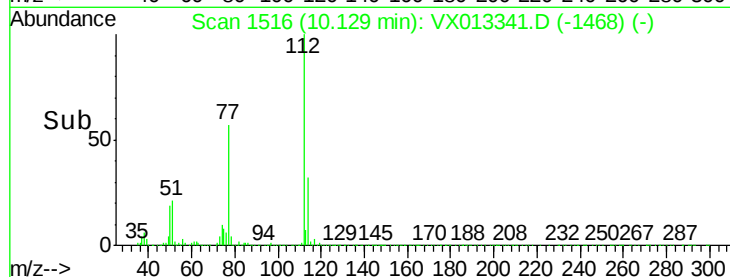
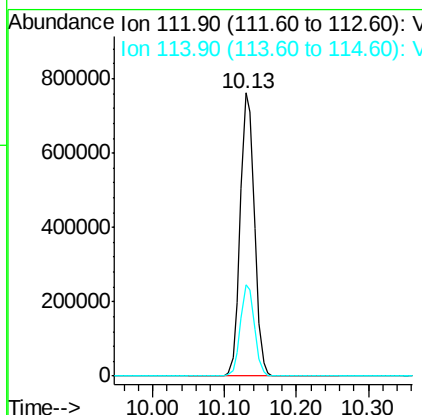
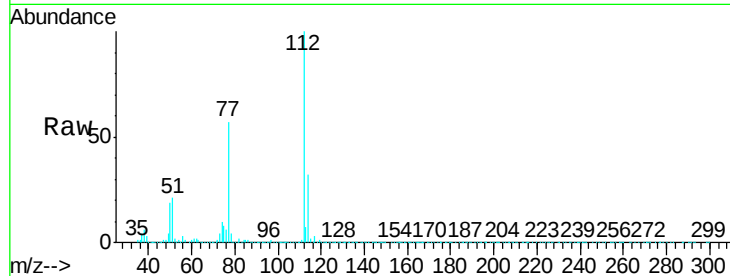
#65  
Chlorobenzene  
Concen: 51.946 ug/l  
RT: 10.13 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 1034261  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.4 39.6

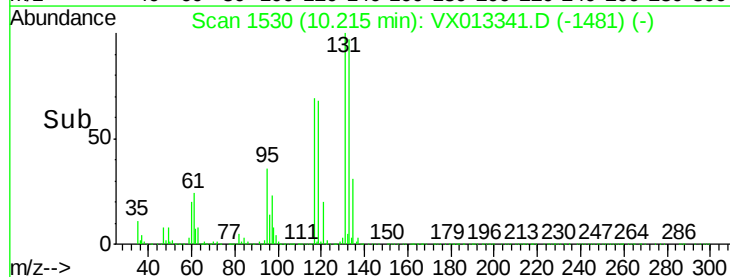
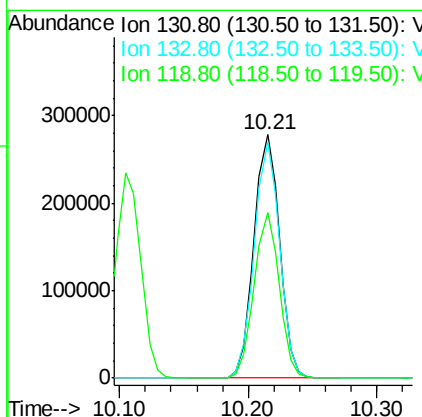
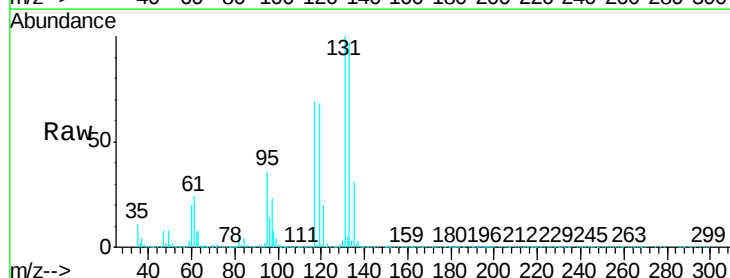
Manual Integrations  
APPROVED

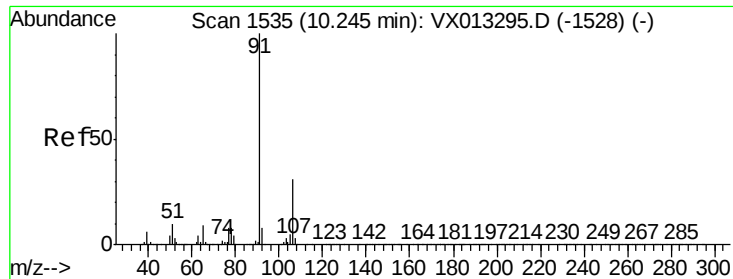
MMDadoda  
11/7/2019 9:17:15 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.047 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Tgt Ion:131 Resp: 380493  
Ion Ratio Lower Upper  
131 100  
133 96.1 48.0 144.0  
119 66.4 33.0 99.0





#67

Ethyl Benzene

Concen: 52.875 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1816943

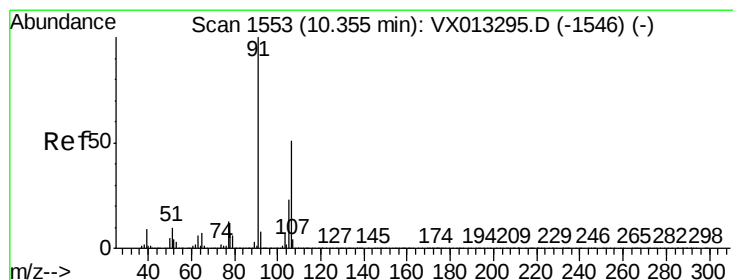
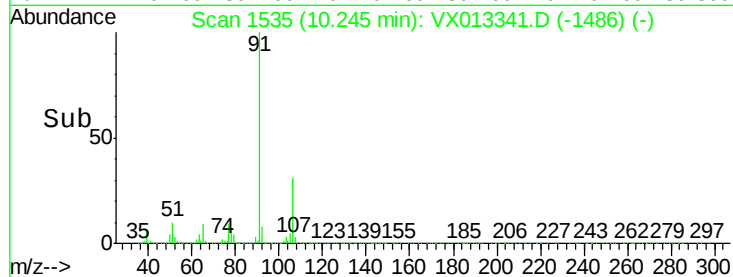
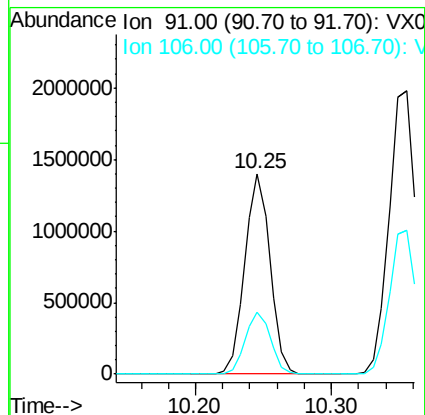
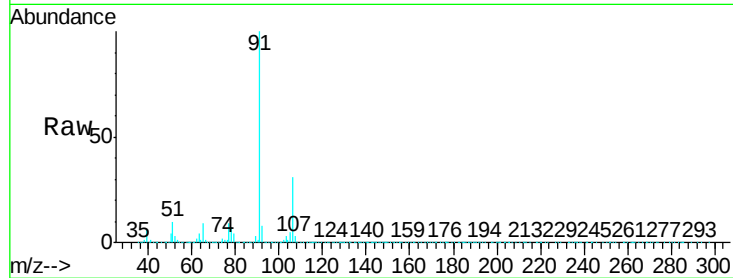
Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#68

m/p-Xylenes

Concen: 106.605 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013341.D

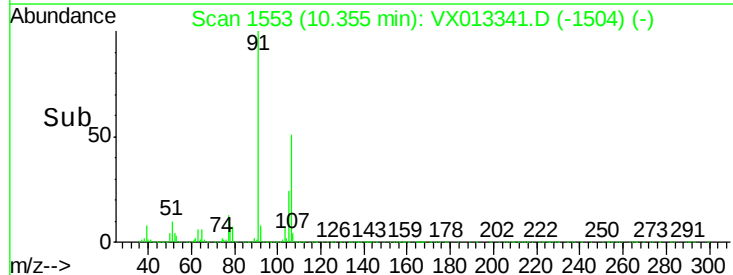
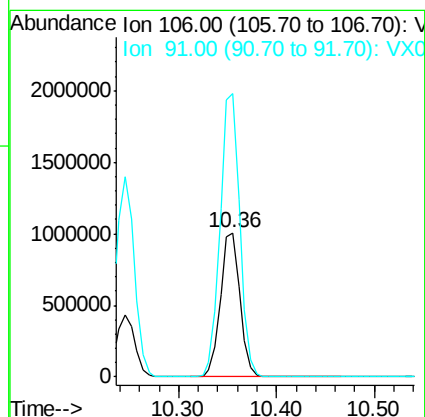
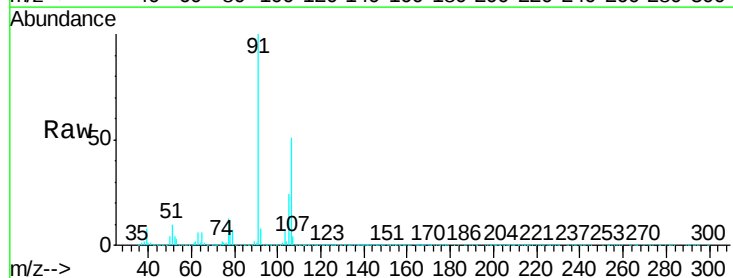
Acq: 06 Nov 2019 15:01

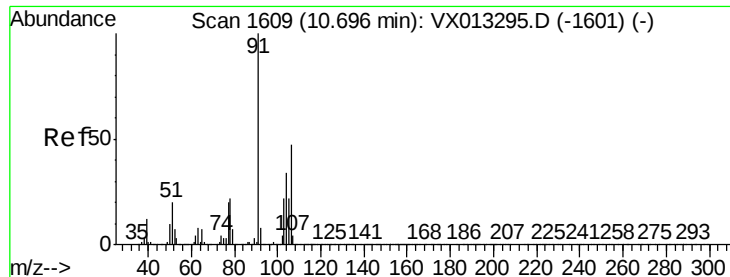
Tgt Ion: 106 Resp: 1385418

Ion Ratio Lower Upper

106 100

91 199.1 159.3 238.9





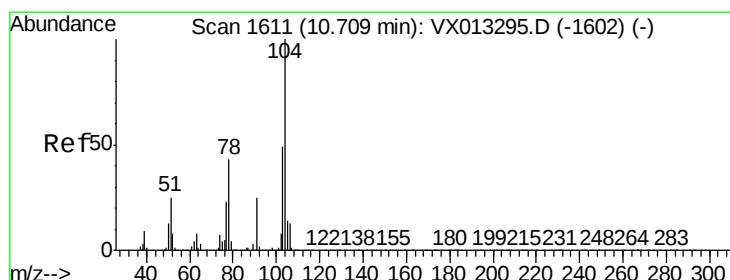
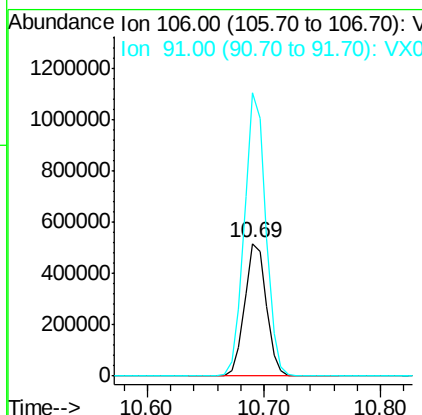
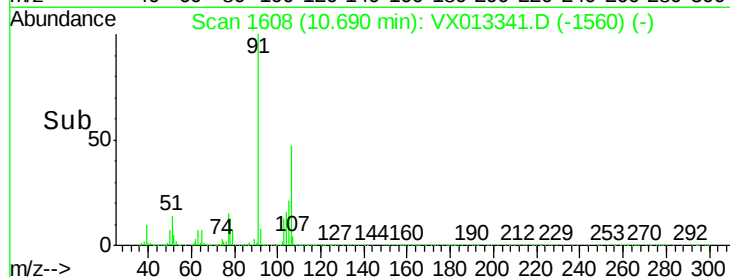
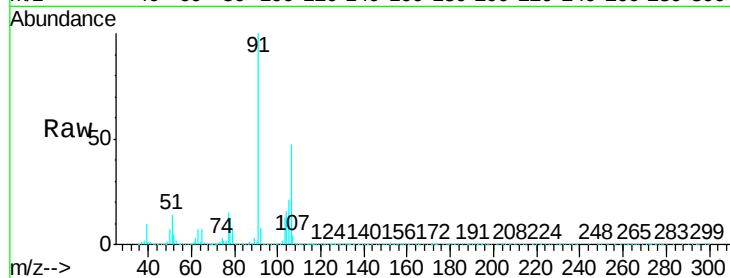
#69  
o-Xylene  
Concen: 52.950 ug/l  
RT: 10.69 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 673695  
Ion Ratio Lower Upper  
106 100  
91 211.4 105.7 317.0

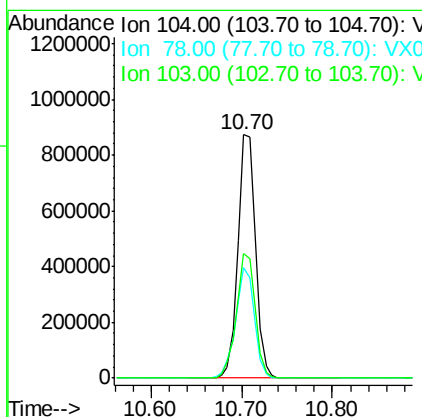
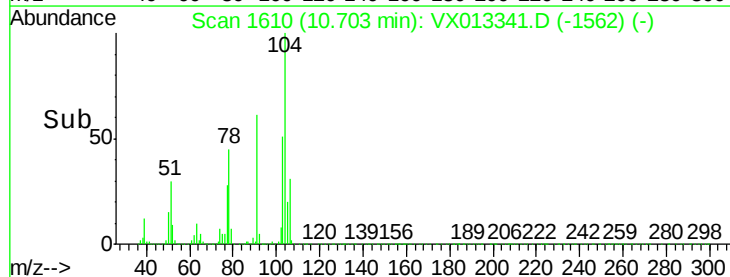
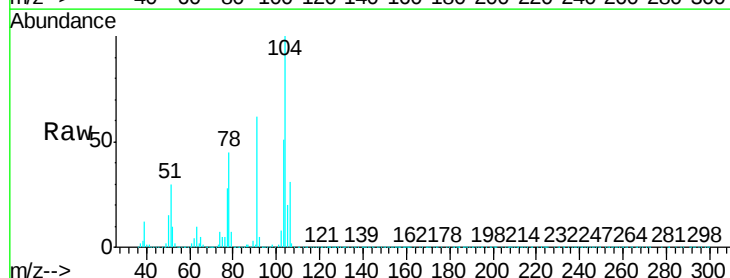
Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#70  
Styrene  
Concen: 55.310 ug/l  
RT: 10.70 min Scan# 1610  
Delta R.T. -0.01 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Tgt Ion:104 Resp: 1176353  
Ion Ratio Lower Upper  
104 100  
78 48.1 40.0 60.0  
103 54.8 44.1 66.1





#71

Bromoform

Concen: 48.068 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 324926

Ion Ratio Lower Upper

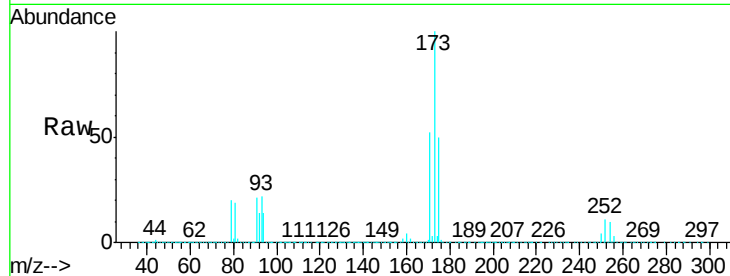
173 100

175 49.3 24.8 74.4

254 0.2 0.2 0.2#

Manual Integrations  
APPROVED

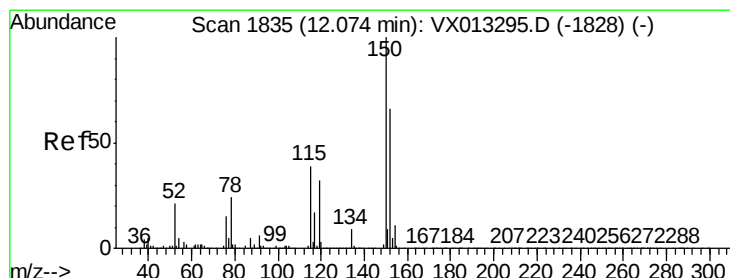
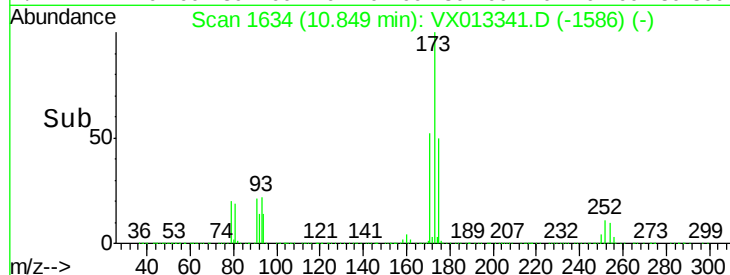
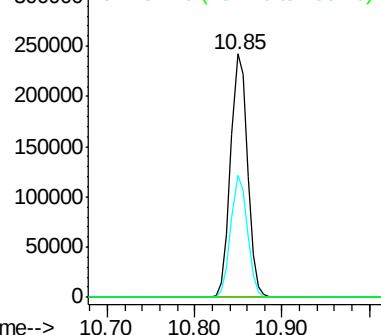
MMDadoda  
11/7/2019 9:17:15 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

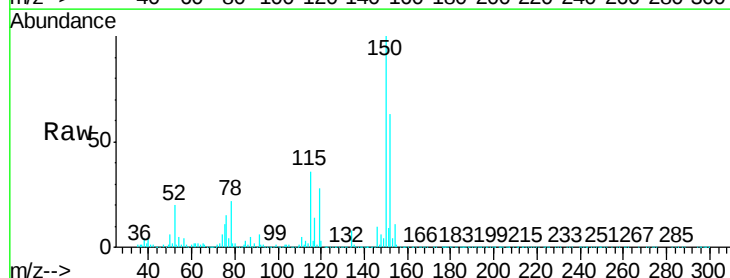
Tgt Ion:152 Resp: 503766

Ion Ratio Lower Upper

152 100

115 79.5 39.5 118.3

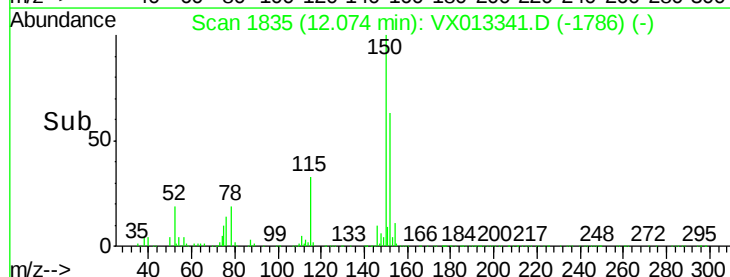
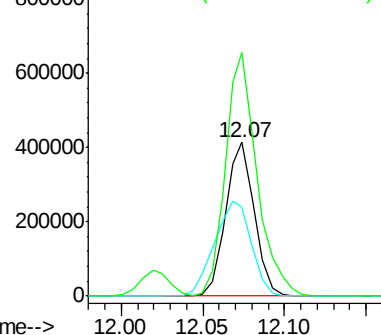
150 174.7 0.0 344.4

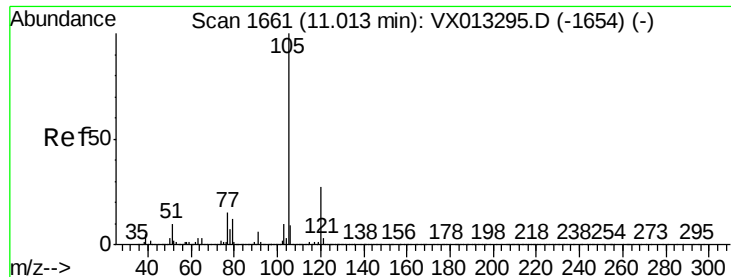


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.116 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1807494

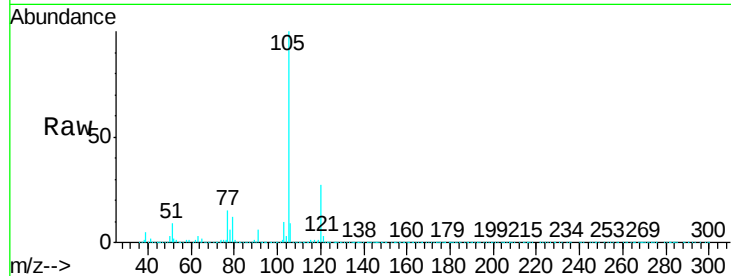
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

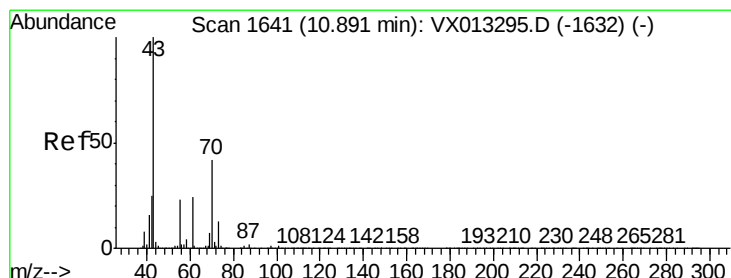
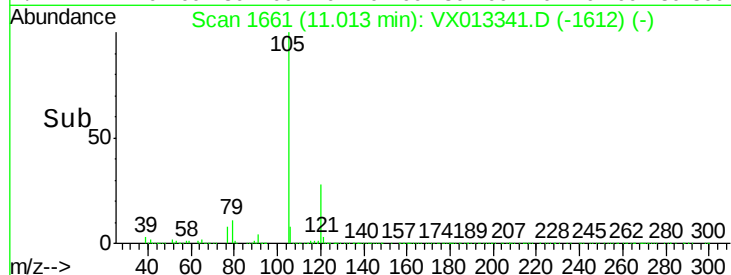
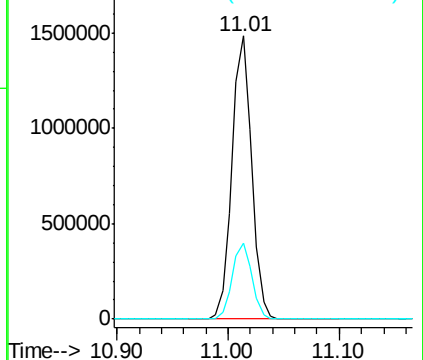
Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.140 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Tgt Ion: 43 Resp: 823065

Ion Ratio Lower Upper

43 100

70 43.3 34.1 51.1

55 23.5 18.9 28.3

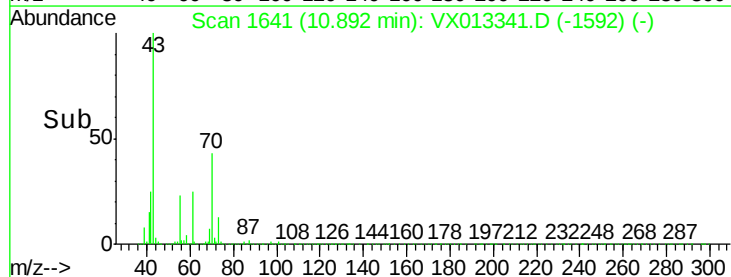
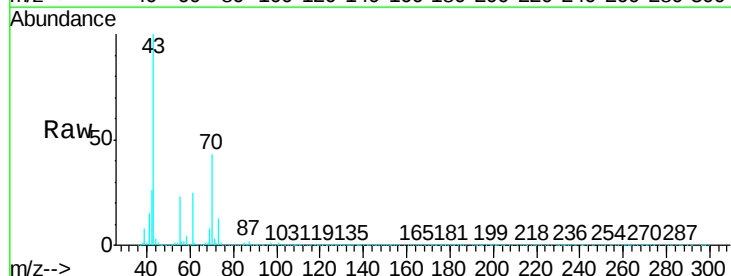
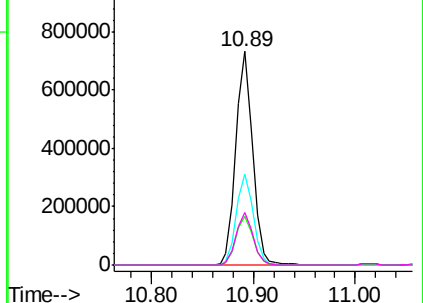
61 24.9 19.2 28.8

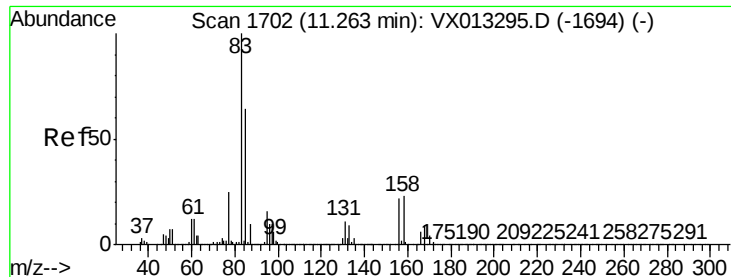
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.919 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 608265  
Ion Ratio Lower Upper

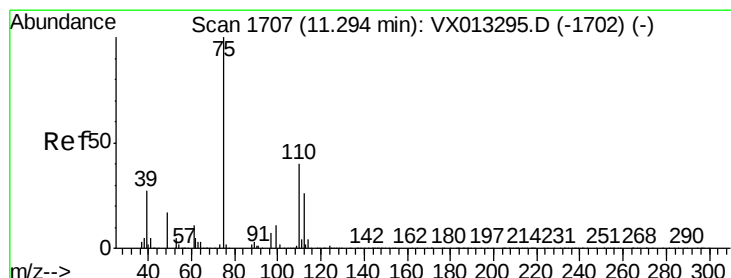
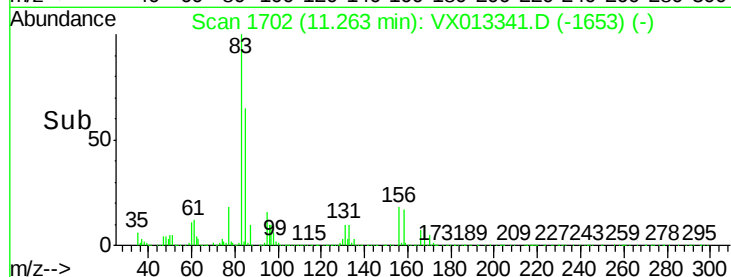
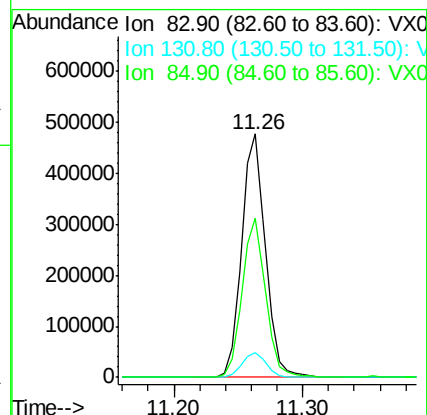
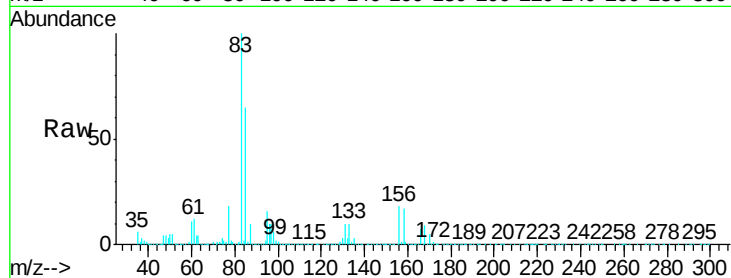
83 100

131 10.3 5.1 15.3

85 65.0 32.3 96.8

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#76

1,2,3-Trichloropropane

Concen: 49.391 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

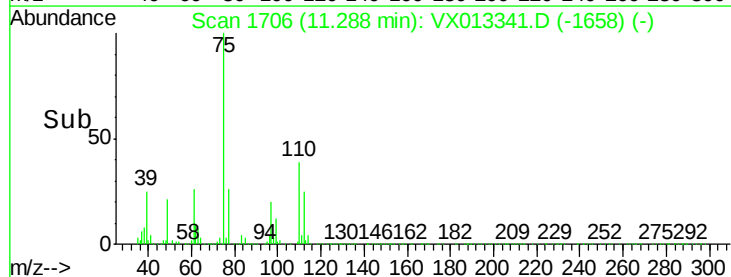
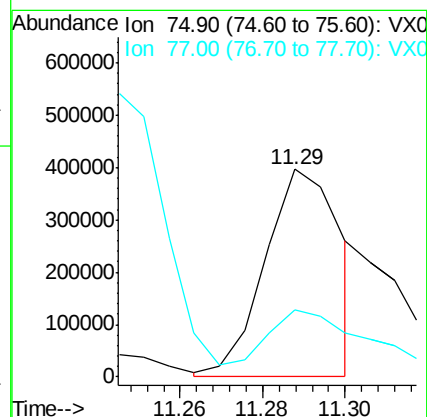
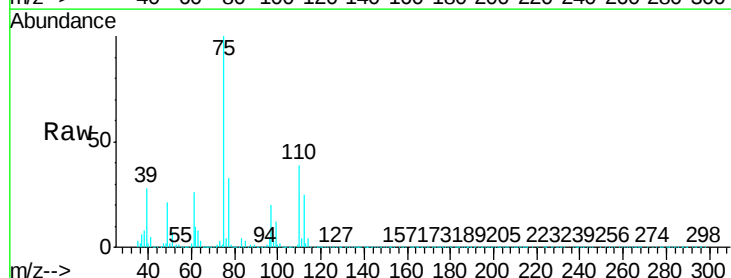
Lab File: VX013341.D

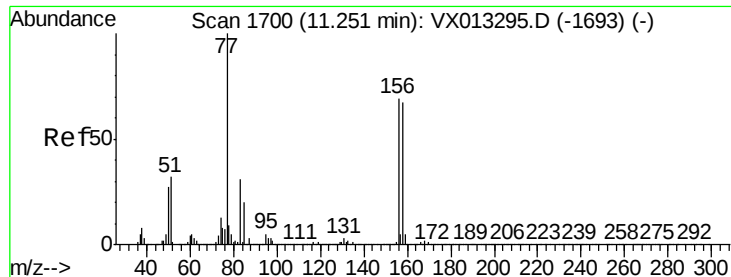
Acq: 06 Nov 2019 15:01

Tgt Ion: 75 Resp: 505377  
Ion Ratio Lower Upper

75 100

77 45.0 22.3 66.8





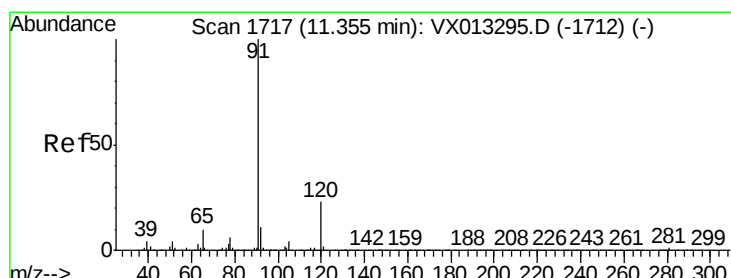
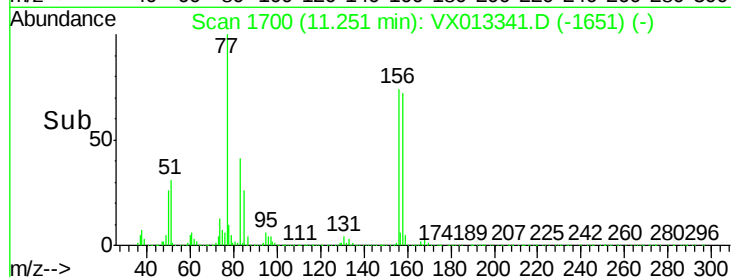
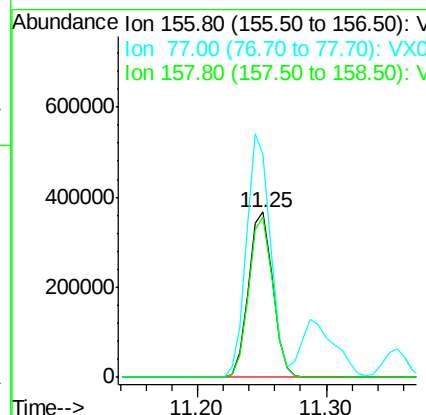
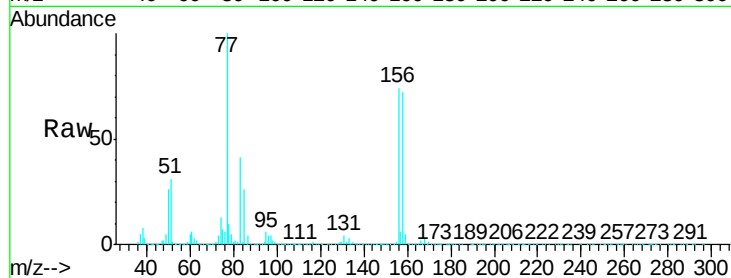
#77  
Bromobenzene  
Concen: 53.182 ug/l  
RT: 11.25 min Scan# 1700  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 145.4 | 75.8  | 227.4 |
| 158     | 96.3  | 47.6  | 142.8 |

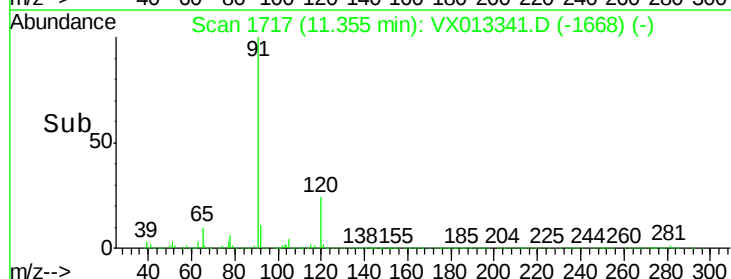
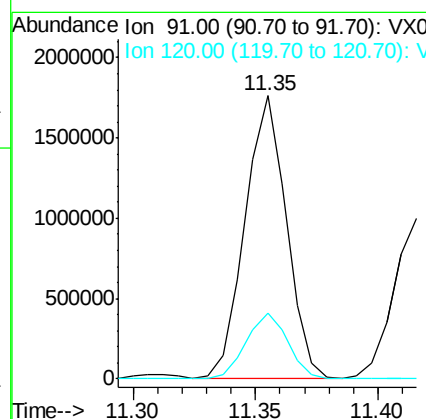
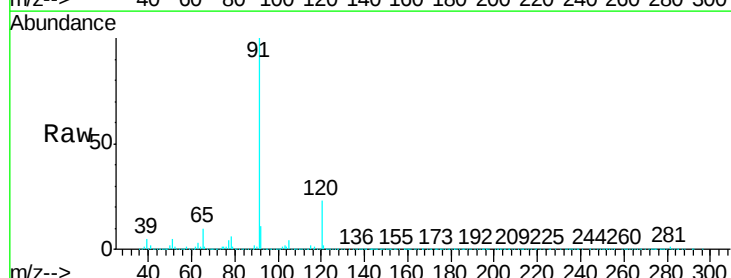
Manual Integrations  
APPROVED

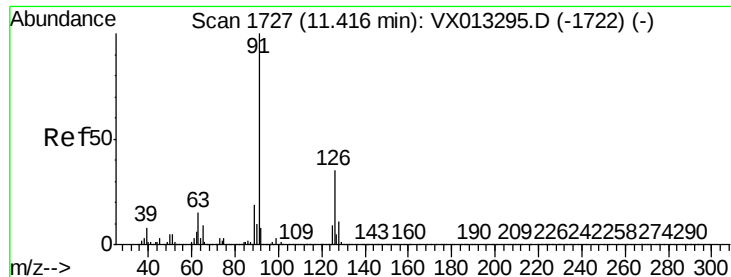
MMDadoda  
11/7/2019 9:17:15 AM



#78  
n-propylbenzene  
Concen: 55.755 ug/l  
RT: 11.35 min Scan# 1717  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.6  | 11.6  | 34.8  |





#79

2-Chlorotoluene

Concen: 53.552 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1200452

Ion Ratio Lower Upper

91 100

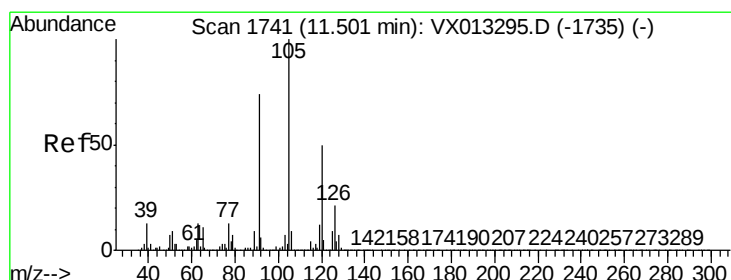
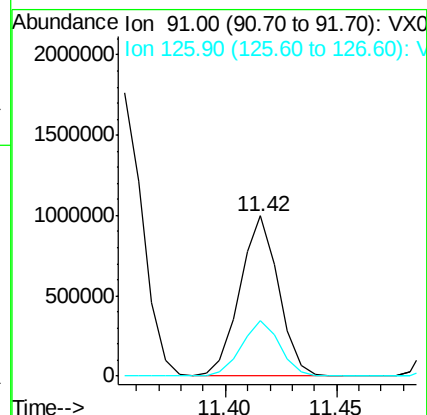
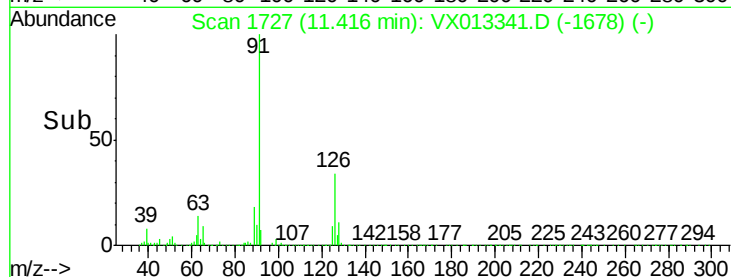
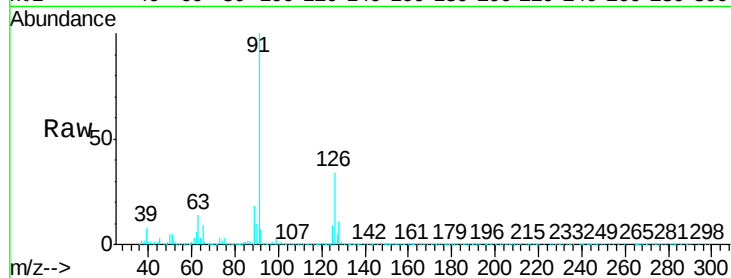
126 34.6 17.3 52.0

Manual Integrations

APPROVED

MMDadoda

11/7/2019 9:17:15 AM



#80

1,3,5-Trimethylbenzene

Concen: 55.232 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013341.D

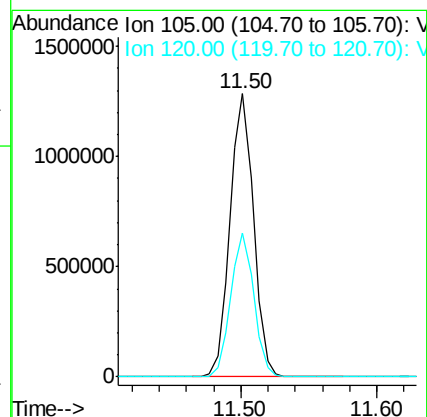
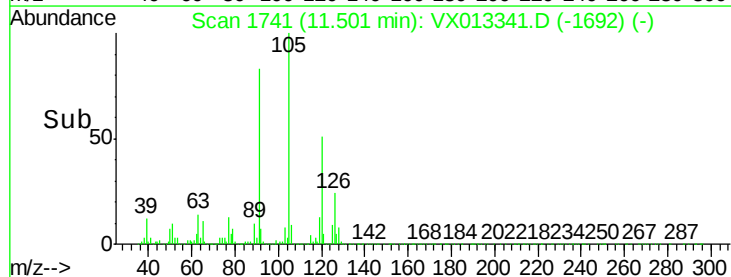
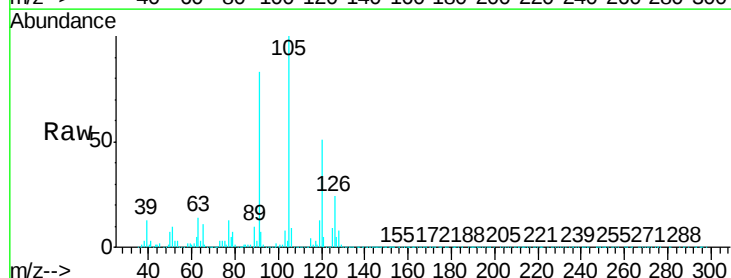
Acq: 06 Nov 2019 15:01

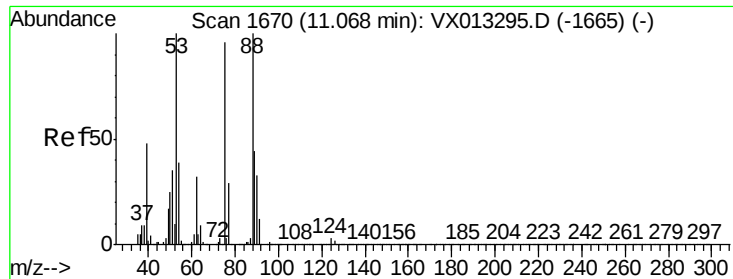
Tgt Ion: 105 Resp: 1536599

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8





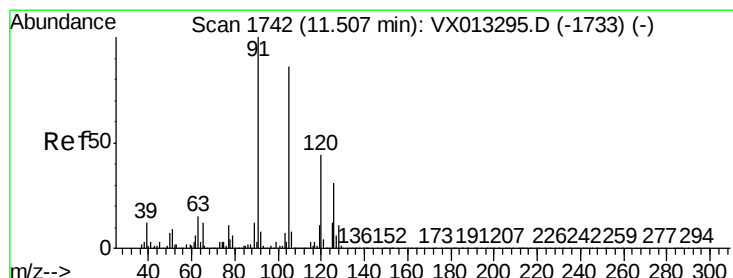
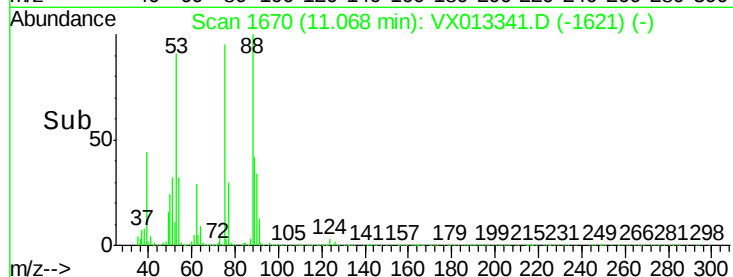
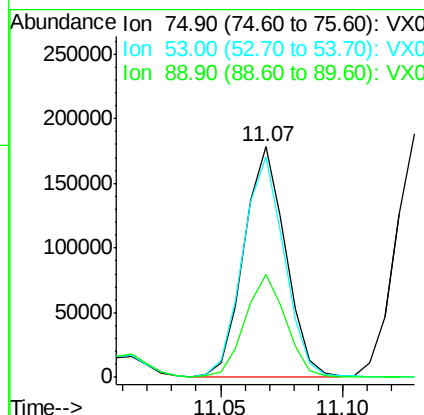
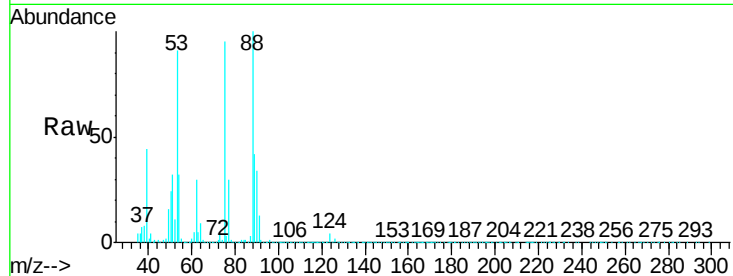
#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.923 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.0  | 81.0  | 121.6 |
| 89      | 43.8  | 36.0  | 54.0  |

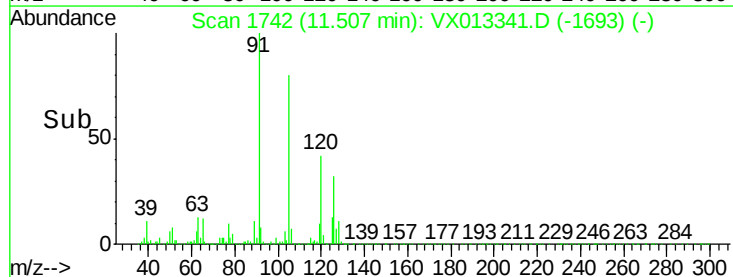
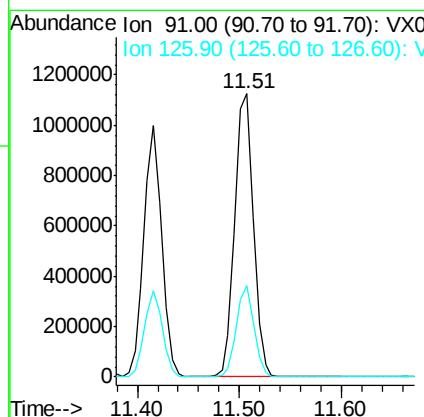
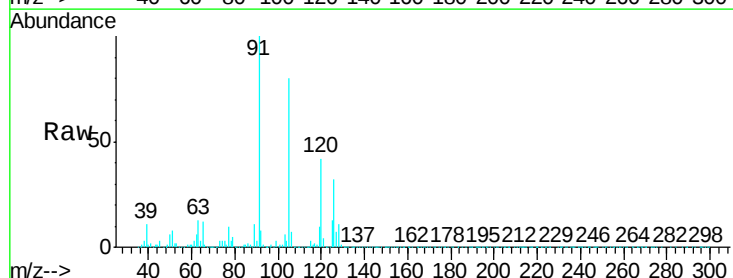
Manual Integrations  
APPROVED

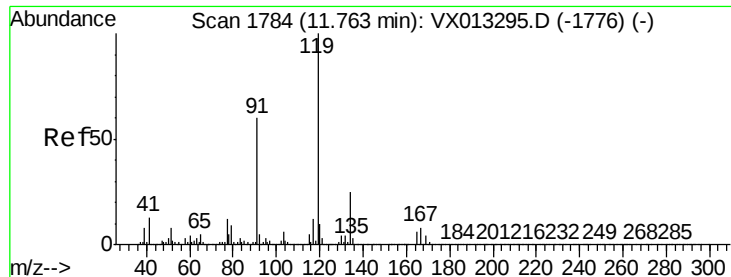
MMDadoda  
11/7/2019 9:17:15 AM



#82  
4-Chlorotoluene  
Concen: 53.833 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.4  | 15.3  | 45.8  |





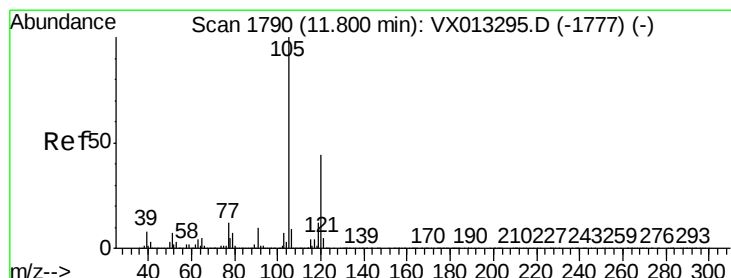
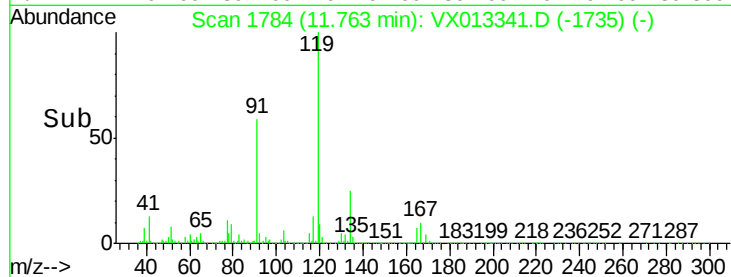
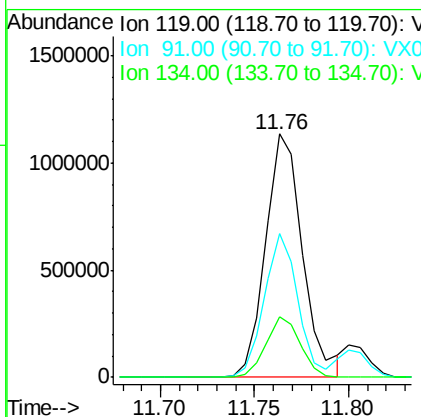
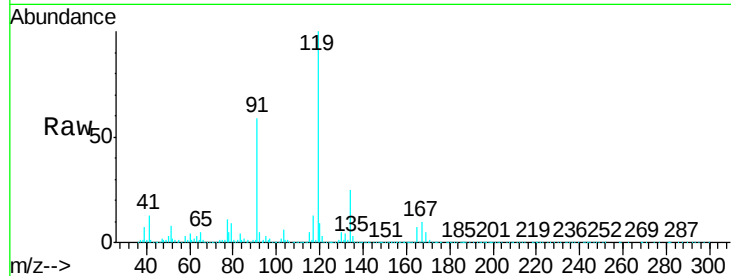
#83  
tert-Butylbenzene  
Concen: 55.075 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 53.5  | 26.9  | 80.7  |
| 134     | 23.1  | 11.7  | 35.1  |

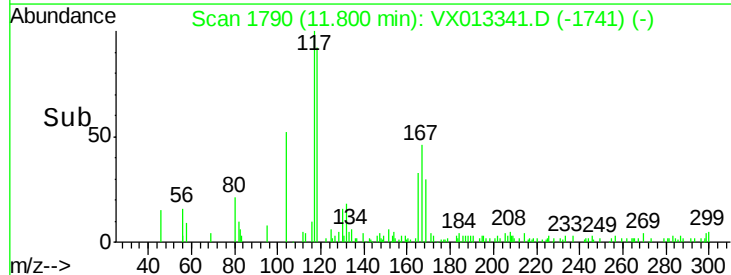
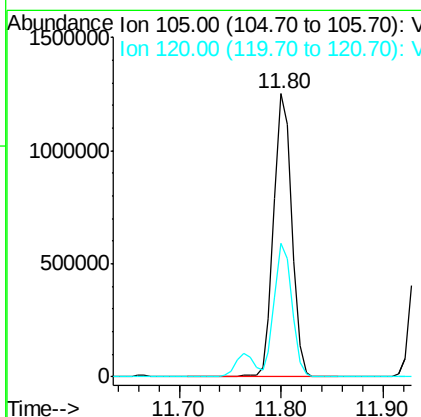
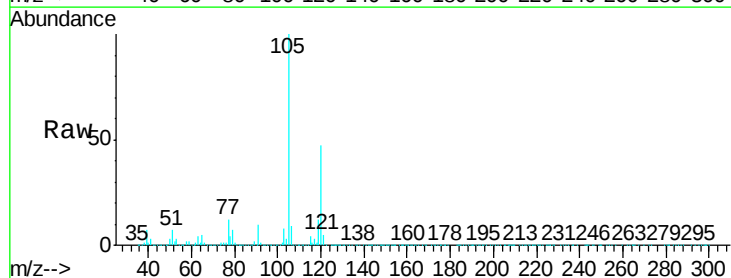
Manual Integrations  
APPROVED

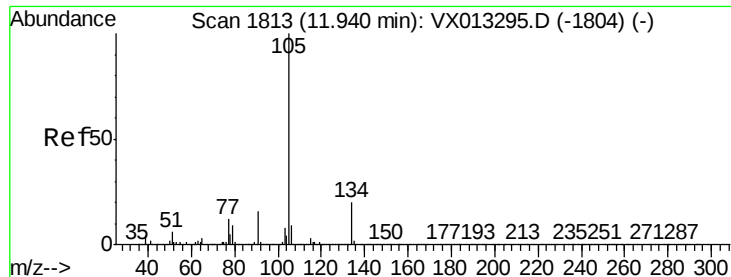
MMDadoda  
11/7/2019 9:17:15 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 54.626 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.0  | 22.7  | 68.1  |





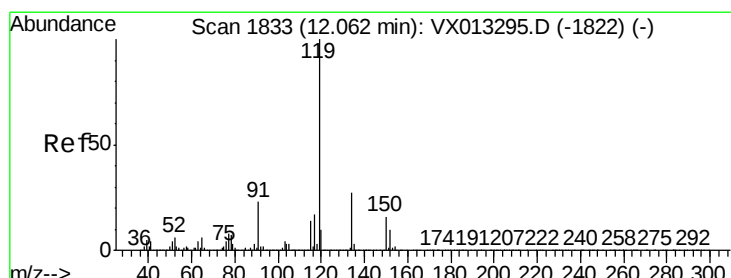
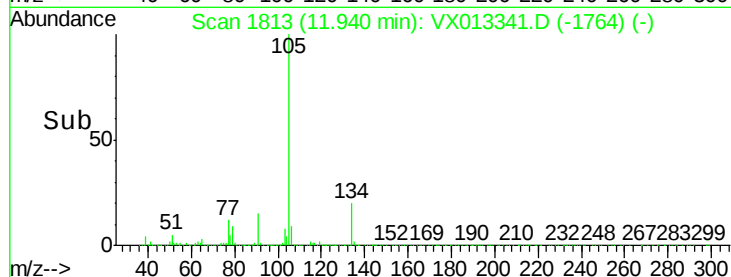
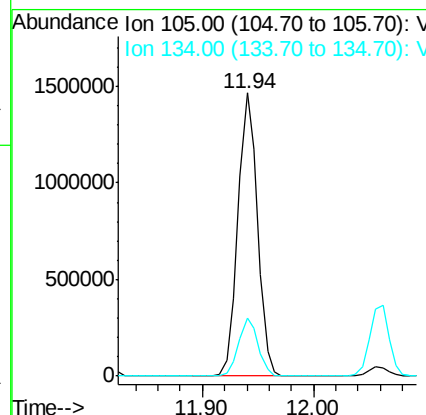
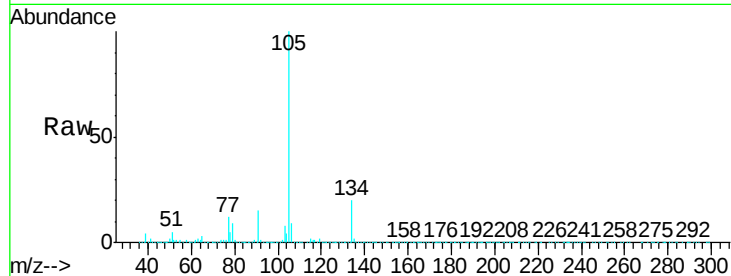
#85  
 sec-Butylbenzene  
 Concen: 55.166 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. 0.00 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 1775601  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.3 30.9

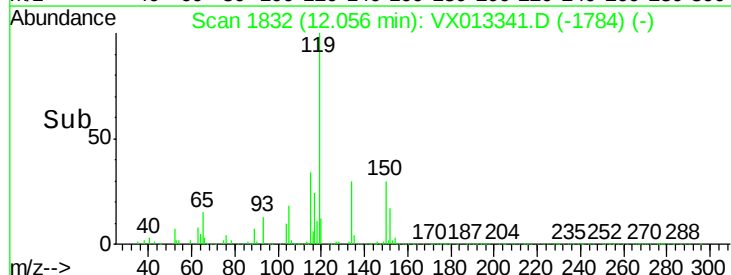
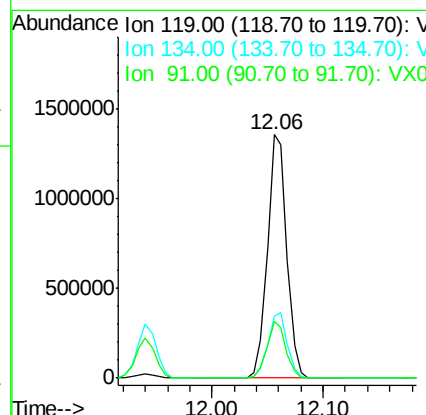
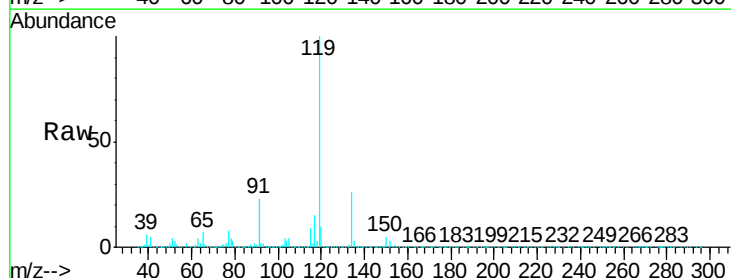
Manual Integrations  
 APPROVED

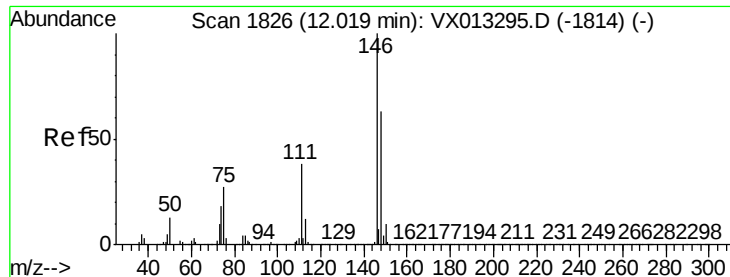
MMDadoda  
 11/7/2019 9:17:15 AM



#86  
 p-Isopropyltoluene  
 Concen: 55.939 ug/l  
 RT: 12.06 min Scan# 1832  
 Delta R.T. -0.01 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

Tgt Ion:119 Resp: 1657940  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.3 39.8  
 91 22.7 11.5 34.4





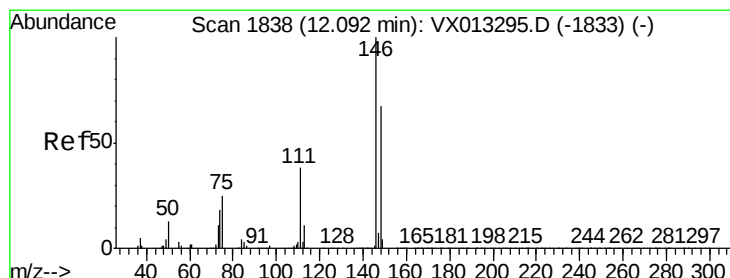
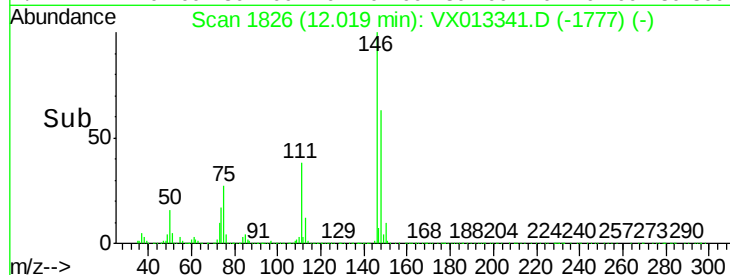
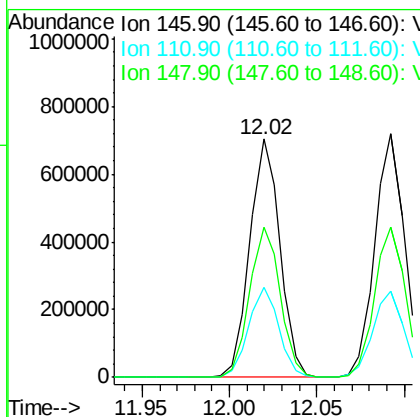
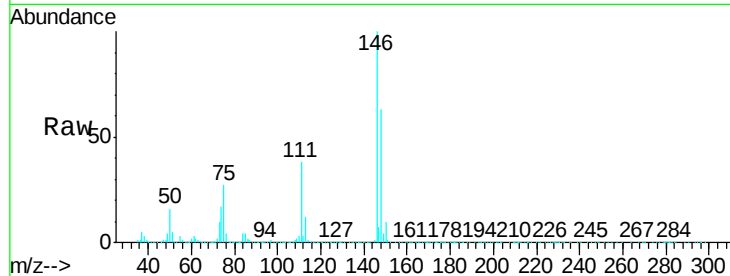
#87  
 1,3-Dichlorobenzene  
 Concen: 53.344 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.9  | 56.5  |
| 148     | 63.7  | 31.9  | 95.7  |

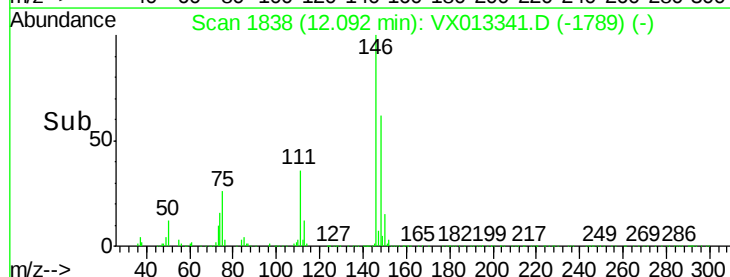
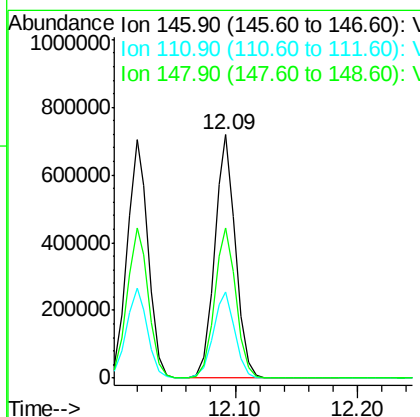
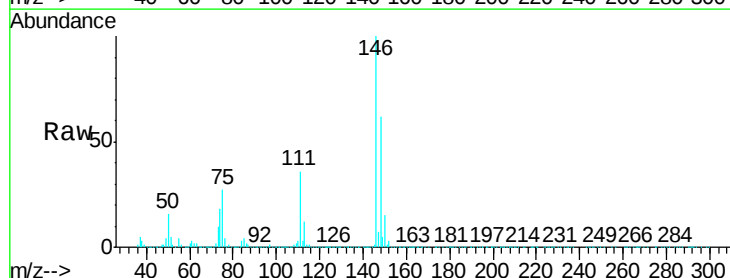
Manual Integrations  
 APPROVED

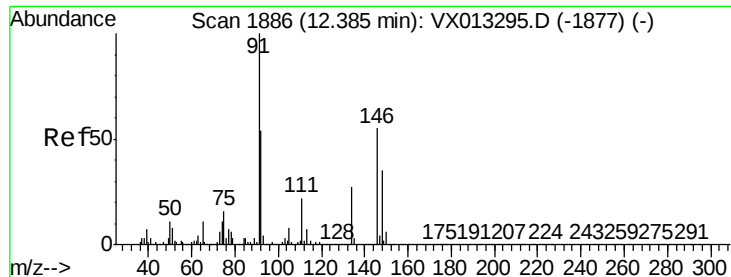
MMDadoda  
 11/7/2019 9:17:15 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 52.761 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.8  | 18.8  | 56.4  |
| 148     | 63.3  | 32.4  | 97.0  |





#89

n-Butylbenzene

Concen: 57.394 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

Instrument :

MSVOA\_X

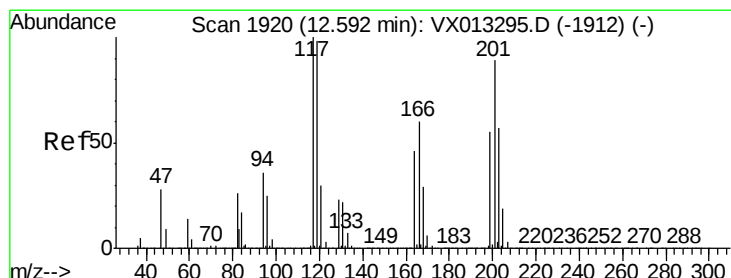
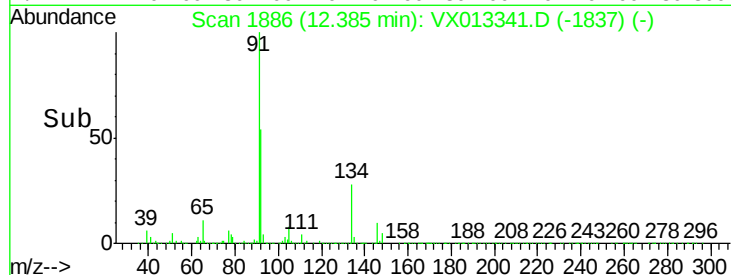
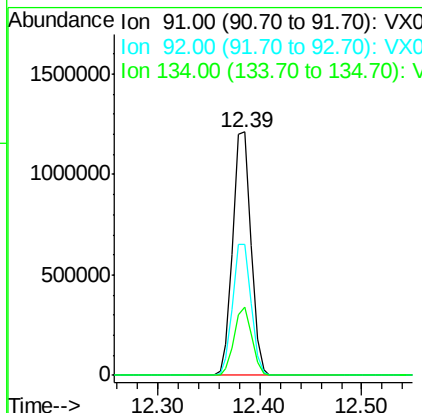
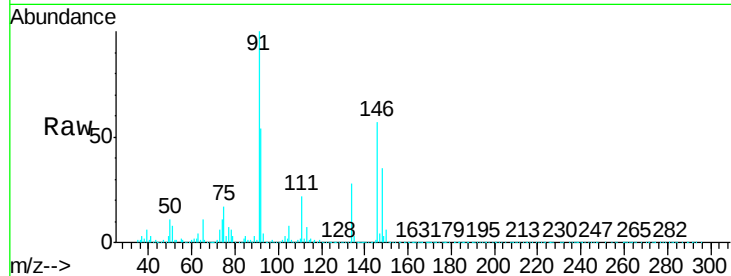
ClientSampleId :

VSTDCCC050EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 91    | Resp: | 1484307 |
| Ion      | Ratio | Lower | Upper   |
| 91       | 100   |       |         |
| 92       | 54.2  | 27.3  | 81.8    |
| 134      | 27.1  | 13.5  | 40.5    |

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#90

Hexachloroethane

Concen: 55.940 ug/l

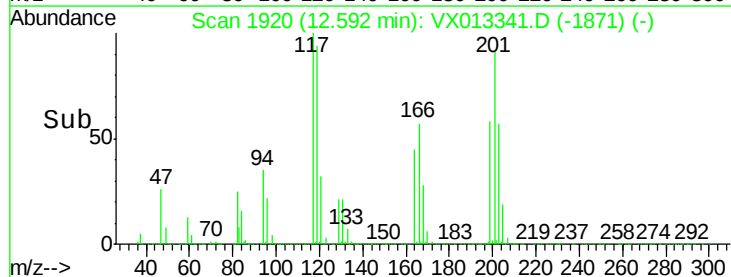
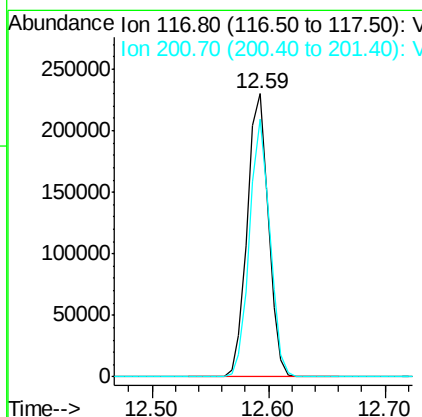
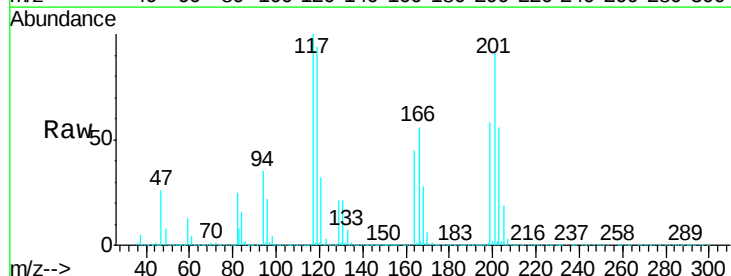
RT: 12.59 min Scan# 1920

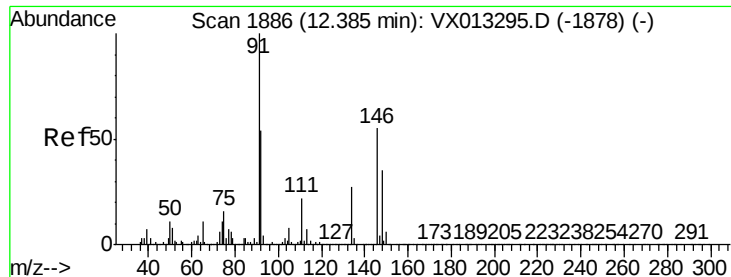
Delta R.T. 0.00 min

Lab File: VX013341.D

Acq: 06 Nov 2019 15:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 295403 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 87.1  | 43.9  | 131.7  |





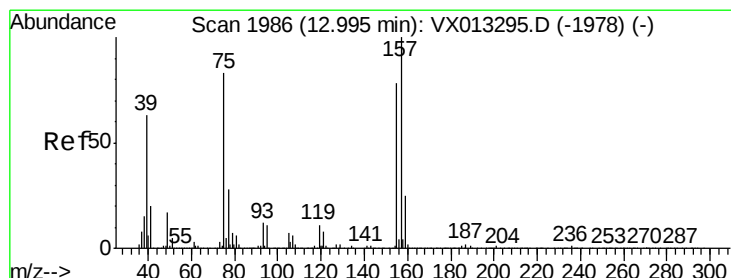
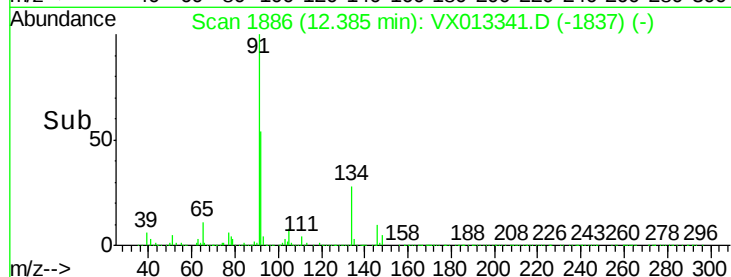
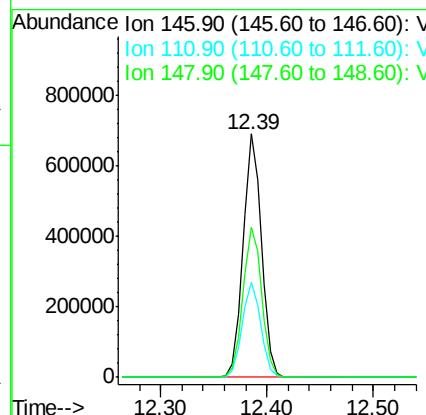
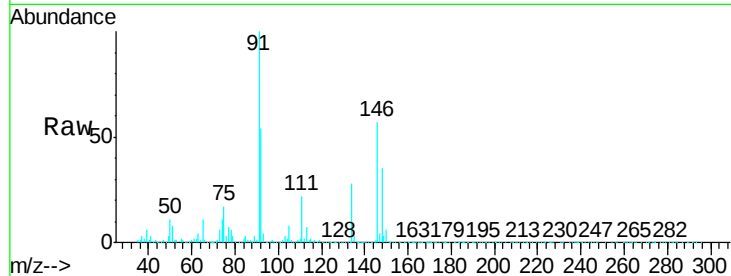
#91  
 1,2-Dichlorobenzene  
 Concen: 52.884 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 839025 |       |       |
| 111     | 39.2  | 20.1   | 60.2  |       |
| 148     | 62.9  | 32.0   | 96.0  |       |

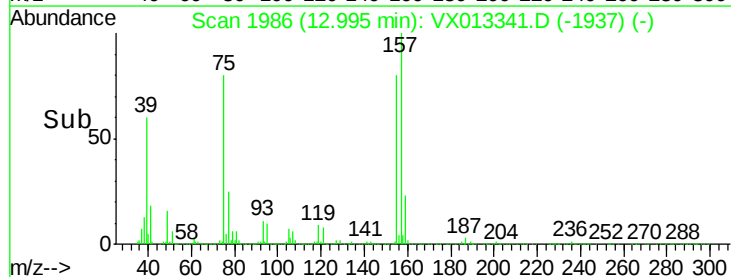
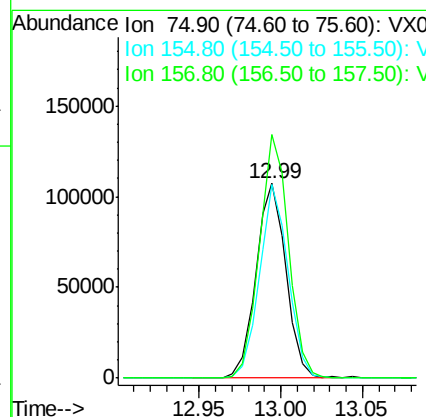
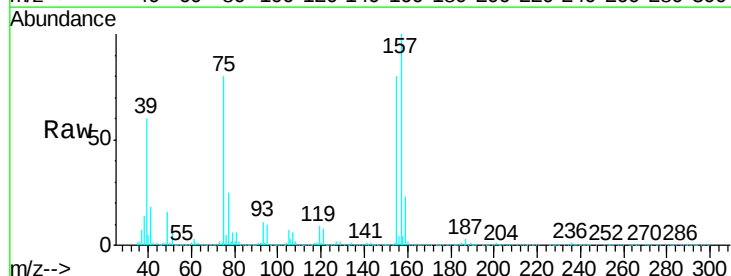
Manual Integrations  
 APPROVED

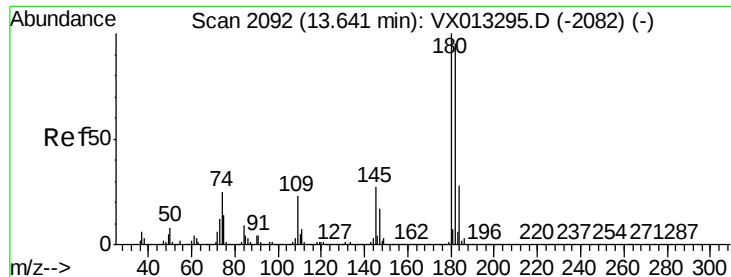
MMDadoda  
 11/7/2019 9:17:15 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.913 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX013341.D  
 Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 136299 |       |       |
| 155     | 95.1  | 47.1   | 141.4 |       |
| 157     | 122.6 | 61.3   | 183.8 |       |





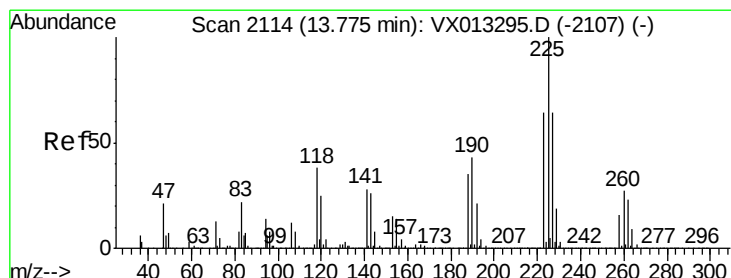
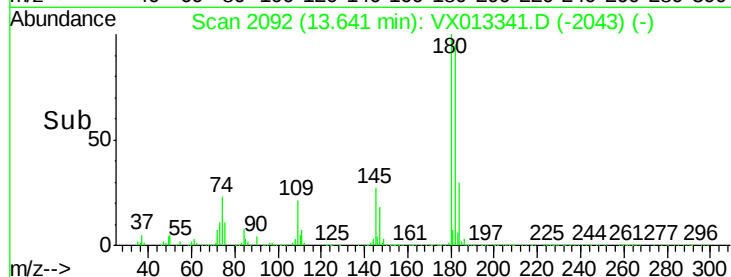
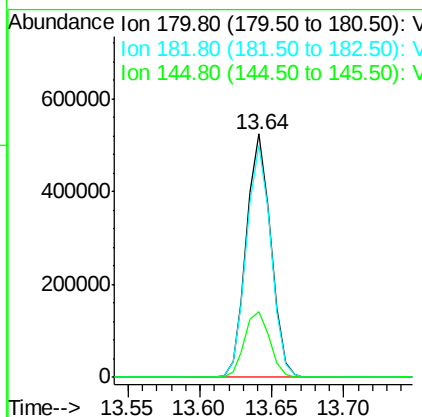
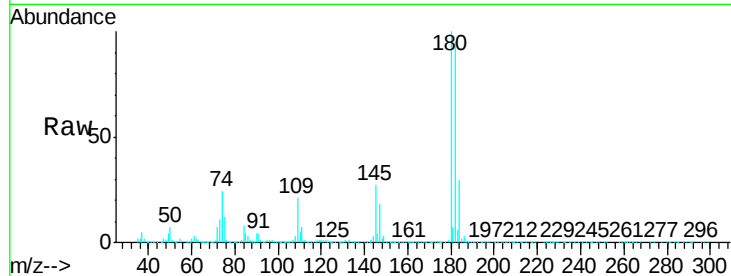
#93  
1,2,4-Trichlorobenzene  
Concen: 55.663 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 96.0  | 48.4       | 145.0      |
| 145     | 27.9  | 14.1       | 42.4       |

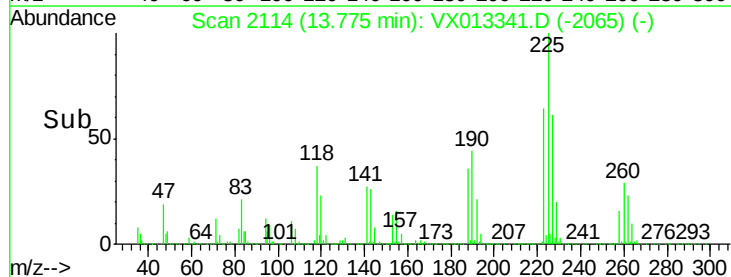
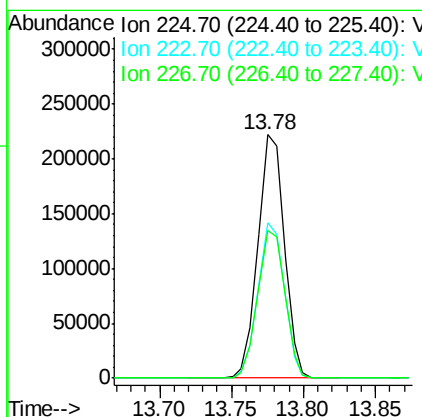
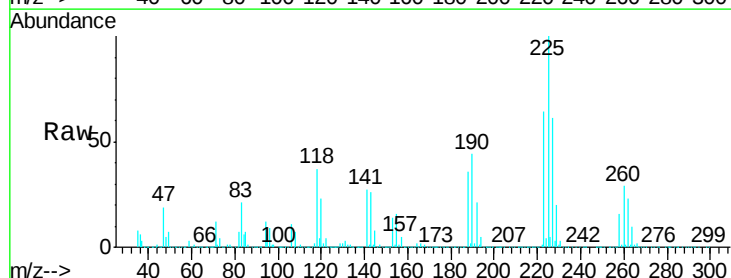
Manual Integrations  
APPROVED

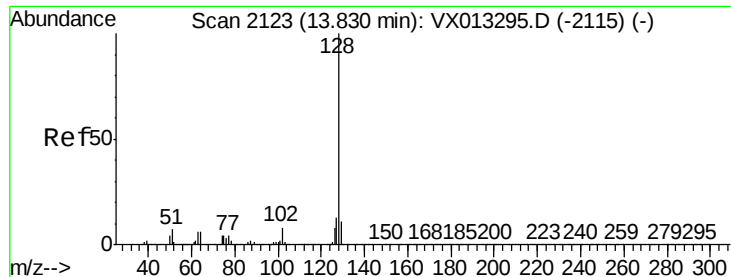
MMDadoda  
11/7/2019 9:17:15 AM



#94  
Hexachlorobutadiene  
Concen: 51.892 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 64.0  | 31.9       | 95.7       |
| 227     | 62.8  | 31.9       | 95.9       |





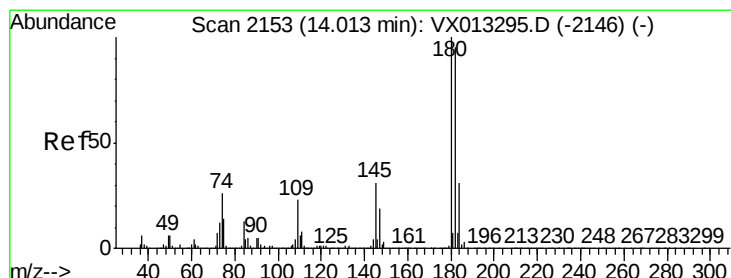
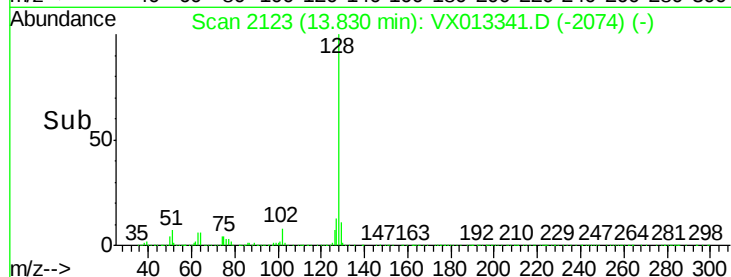
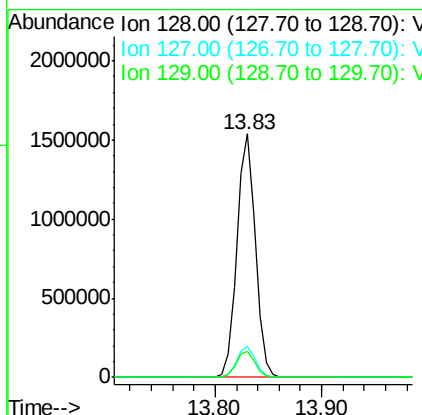
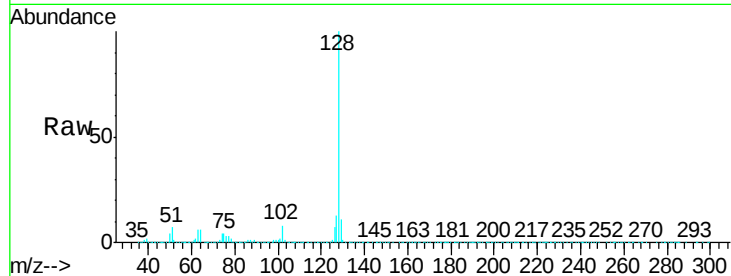
#95  
Naphthalene  
Concen: 53.801 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.2  | 15.2  |
| 129     | 10.9  | 8.5   | 12.7  |

Manual Integrations  
APPROVED

MMDadoda  
11/7/2019 9:17:15 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 55.250 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX013341.D  
Acq: 06 Nov 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 48.0  | 144.2 |
| 145     | 29.2  | 15.4  | 46.4  |

