

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\  
 Data File : VX013495.D  
 Acq On : 21 Nov 2019 12:07  
 Operator : JC/SP  
 Sample : VX1121WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1121WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/22/2019 8:44:44 AM

Quant Time: Nov 21 15:34:16 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      | 5.65  | 168  | 602409   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 909137   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 811149   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 389774   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 382178   | 53.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.10% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 316104   | 55.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.88% |      |
| 50) Toluene-d8            | 8.71   | 98  | 1179875  | 54.89 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.78% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 421552   | 54.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.68% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 127783  | 18.410  | ug/l | 96     |
| 3) Chloromethane              | 1.31 | 50  | 144081  | 19.142  | ug/l | 96     |
| 4) Vinyl Chloride             | 1.40 | 62  | 172981  | 20.186  | ug/l | 98     |
| 5) Bromomethane               | 1.62 | 94  | 105373  | 17.646  | ug/l | 94     |
| 6) Chloroethane               | 1.72 | 64  | 98701   | 19.421  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 197700  | 19.528  | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 91438   | 20.424  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 121605  | 21.551  | ug/l | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 118439  | 16.953  | ug/l | 95     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 189261  | 100.615 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 120595  | 21.824  | ug/l | 97     |
| 13) Acrolein                  | 2.28 | 56  | 88836   | 87.139  | ug/l | 98     |
| 14) Allyl chloride            | 2.72 | 41  | 217385  | 21.652  | ug/l | 98     |
| 15) Acrylonitrile             | 3.12 | 53  | 398137  | 113.310 | ug/l | 99     |
| 16) Acetone                   | 2.43 | 43  | 348856  | 98.001  | ug/l | 100    |
| 17) Carbon Disulfide          | 2.56 | 76  | 274500  | 18.560  | ug/l | 100    |
| 18) Methyl Acetate            | 2.76 | 43  | 234432  | 23.854  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 427426  | 23.191  | ug/l | 98     |
| 20) Methylene Chloride        | 2.84 | 84  | 141673  | 21.541  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 125622  | 20.879  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.84 | 45  | 455297  | 23.489  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.80 | 43  | 1848896 | 111.470 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 242407  | 22.355  | ug/l | 98     |
| 25) 2-Butanone                | 4.65 | 43  | 553563  | 106.003 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 194194  | 22.512  | ug/l | 96     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 153141  | 22.722  | ug/l | 99     |
| 28) Bromochloromethane        | 5.00 | 49  | 65307   | 21.212  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 359284  | 111.644 | ug/l | 99     |
| 30) Chloroform                | 5.20 | 83  | 249910  | 23.340  | ug/l | 94     |
| 31) Cyclohexane               | 5.57 | 56  | 201425  | 20.644  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 200465  | 21.755  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 168750  | 21.637  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.82 | 43  | 209714  | 21.761  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 170372  | 22.339  | ug/l | 98     |

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 Sample : VX1121WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1121WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/22/2019 8:44:44 AM

Quant Time: Nov 21 15:34:16 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          | 7.46  | 83   | 202646   | 20.852  | ug/l  | 99       |
| 40) Benzene                    | 6.13  | 78   | 538795   | 22.178  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 122942   | 22.760  | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 194772   | 22.226  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 348444   | 23.219  | ug/l  | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 144805   | 21.653  | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 138007   | 22.295  | ug/l  | 100      |
| 46) Dibromomethane             | 7.65  | 93   | 93310    | 22.078  | ug/l  | 98       |
| 47) Bromodichloromethane       | 7.89  | 83   | 183635   | 23.041  | ug/l  | 93       |
| 48) Methyl methacrylate        | 7.76  | 41   | 170597   | 22.773  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 75306    | 438.961 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1109058  | 112.642 | ug/l  | 98       |
| 52) Toluene                    | 8.78  | 92   | 343201   | 22.793  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 199803   | 22.926  | ug/l  | 96       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 223877   | 22.965  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 147884   | 23.695  | ug/l  | 97       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 227517   | 22.249  | ug/l  | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 244946   | 23.120  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 395958   | 92.786  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 850264   | 111.749 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 149127   | 23.363  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 151007   | 22.785  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 131653   | 22.672  | ug/l  | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 370330   | 22.551  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 139974   | 23.214  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 640892   | 22.612  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 480752   | 44.851  | ug/l  | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 243915   | 23.243  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 401486   | 22.887  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 111272   | 21.831  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 640121   | 24.770  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 295778   | 24.681  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 234050   | 24.826  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 216357m  | 27.329  | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 169184   | 24.557  | ug/l  | 96       |
| 78) n-propylbenzene            | 11.35 | 91   | 702957   | 24.419  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 422878   | 24.382  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 530039   | 24.624  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 69250    | 22.515  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 478456   | 23.566  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 549134   | 25.342  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 539708   | 24.994  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 604663   | 24.280  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 567486   | 24.747  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 286581   | 23.337  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 287430   | 22.973  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 452717   | 22.625  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 97866    | 23.953  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 294562   | 23.996  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 48289    | 21.024  | ug/l  | 94       |

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Data File : VX013495.D  
Acq On : 21 Nov 2019 12:07  
Operator : JC/SP  
Sample : VX1121WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

Manual Integrations  
APPROVED

MMDadoda  
11/22/2019 8:44:44 AM

Quant Time: Nov 21 15:34:16 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  | 187004   | 21.840 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 92038    | 21.971 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 601926   | 22.406 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 193695   | 22.556 | ug/l  | 99       |

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

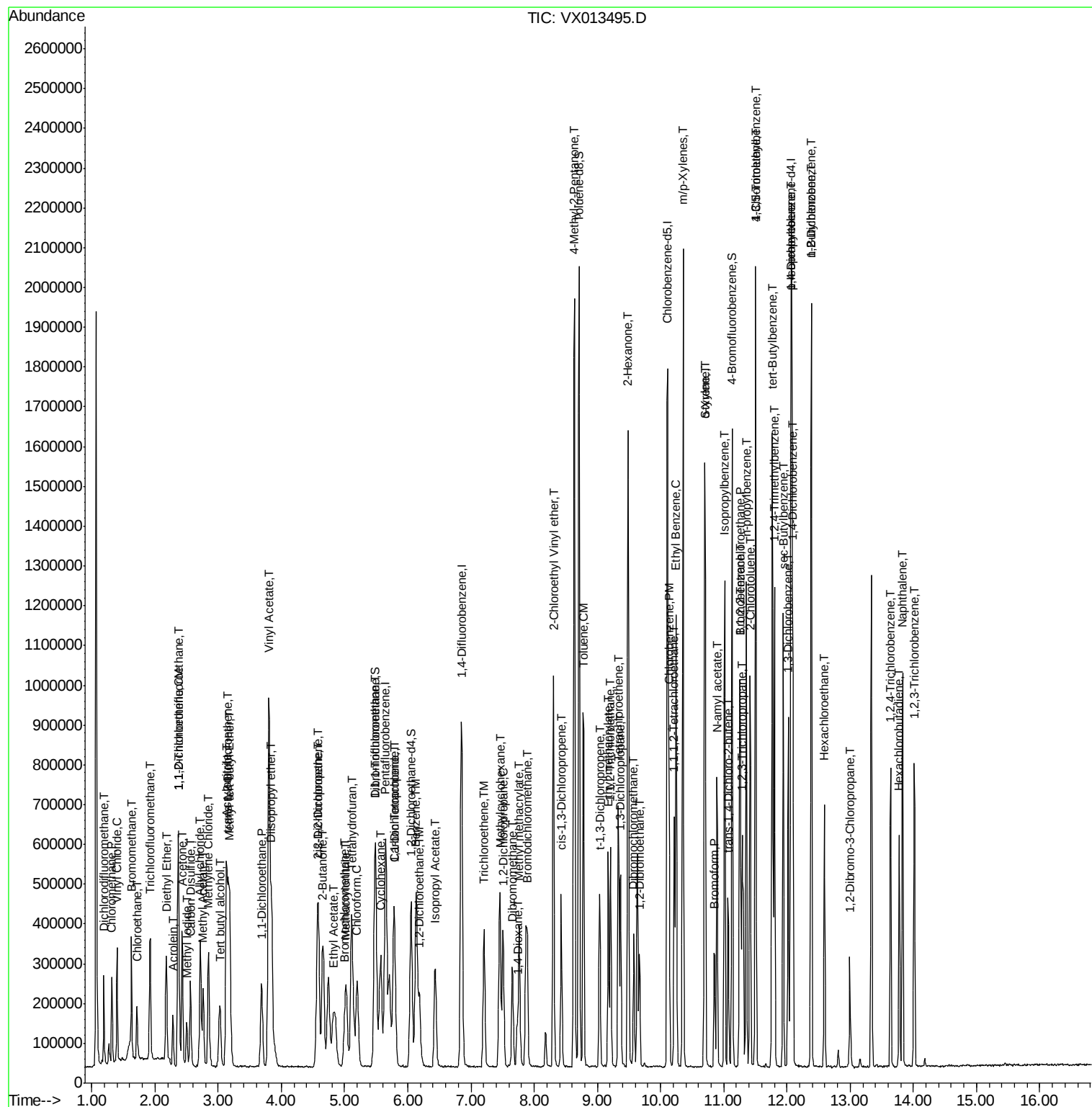
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Data File : VX013495.D  
Acq On : 21 Nov 2019 12:07  
Operator : JC/SP  
Sample : VX1121WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

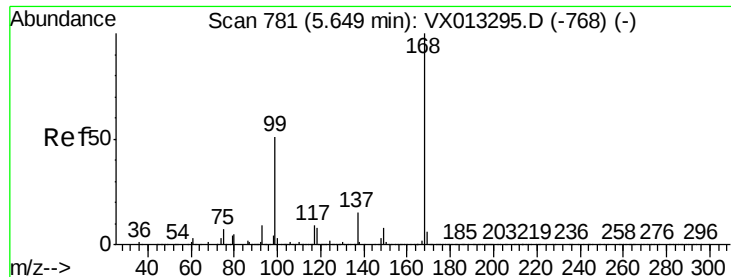
Instrument :  
MSVOA\_X  
Client Sample Id :  
VX1121WBS01

Manual Integrations  
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MMDadoda  
11/22/2019 8:44:44 AM

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Quant Title : SW846 8260  
QLast Update : Sat Nov 02 07:06:38 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion:168 Resp: 602409

Ion Ratio Lower Upper

168 100

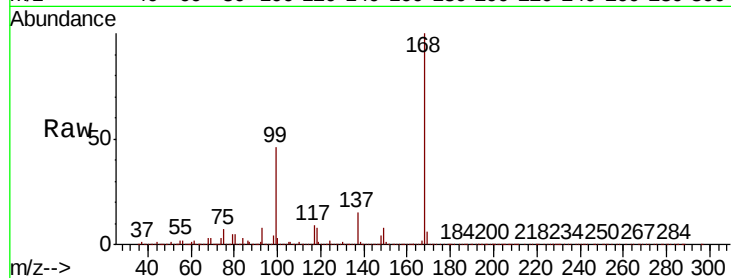
99 46.0 40.8 61.2

Manual Integrations

APPROVED

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11/22/2019 8:44:44 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

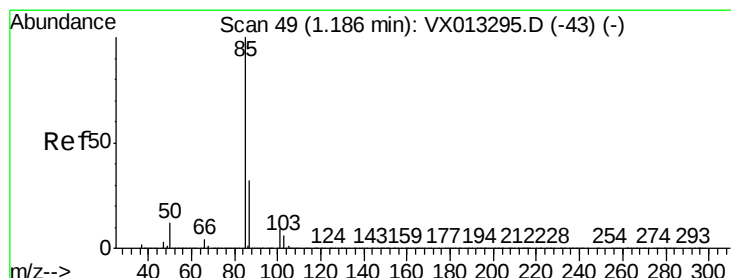
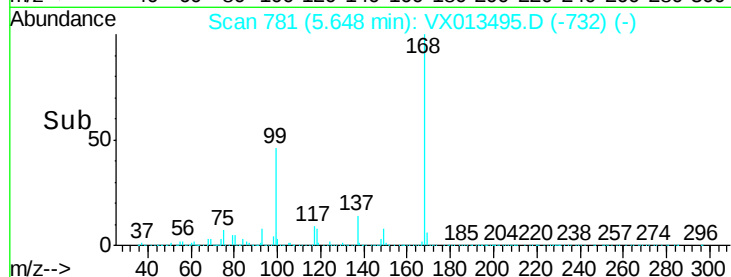
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.410 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013495.D

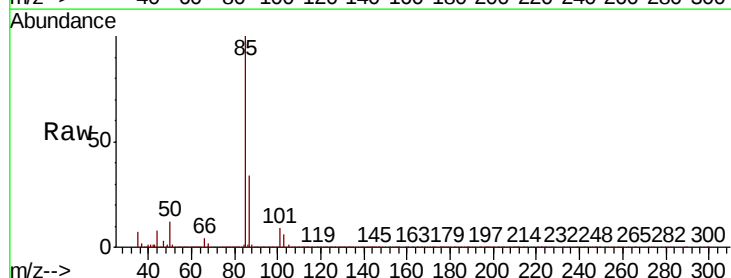
Acq: 21 Nov 2019 12:07

Tgt Ion: 85 Resp: 127783

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

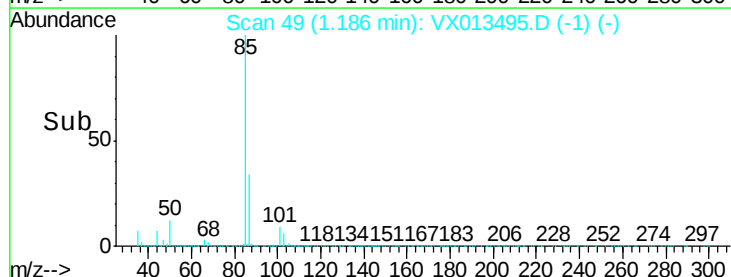
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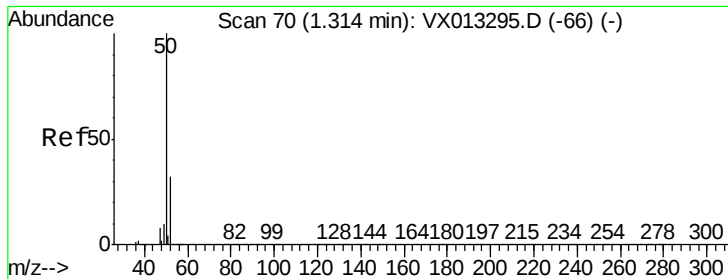
100000

50000

0

Time-->





#3

Chloromethane

Concen: 19.142 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 50 Resp: 144081

Ion Ratio Lower Upper

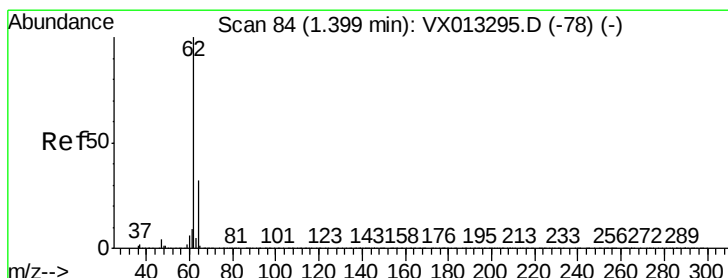
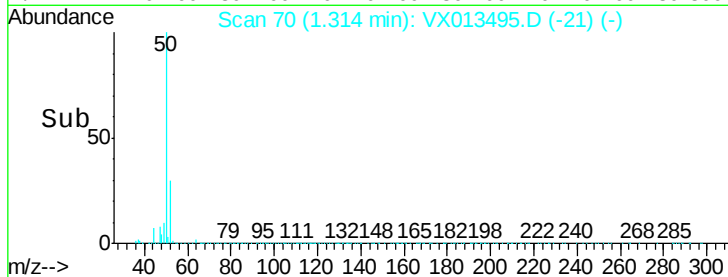
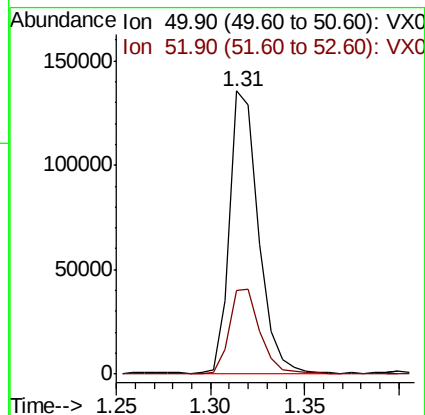
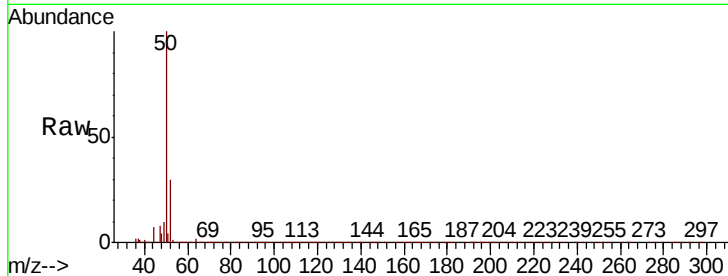
50 100

52 29.6 25.5 38.3

Manual Integrations  
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11/22/2019 8:44:44 AM



#4

Vinyl Chloride

Concen: 20.186 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013495.D

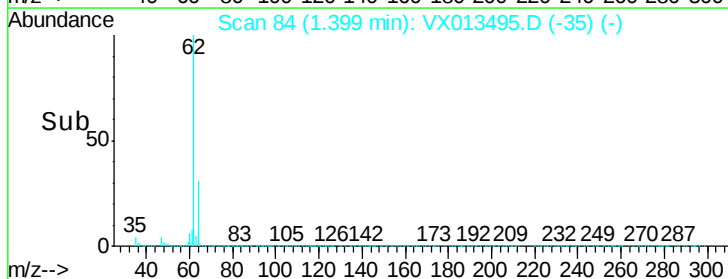
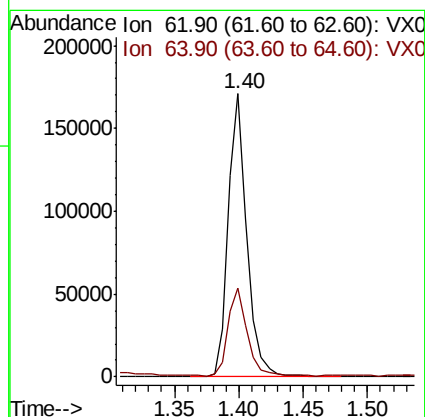
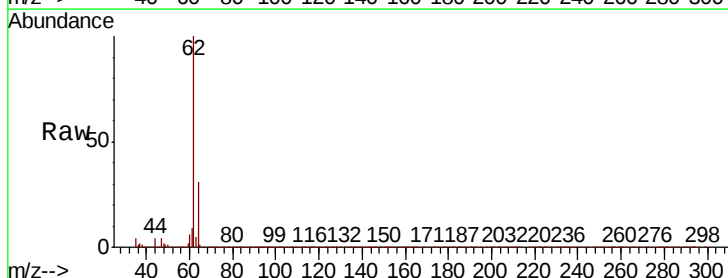
Acq: 21 Nov 2019 12:07

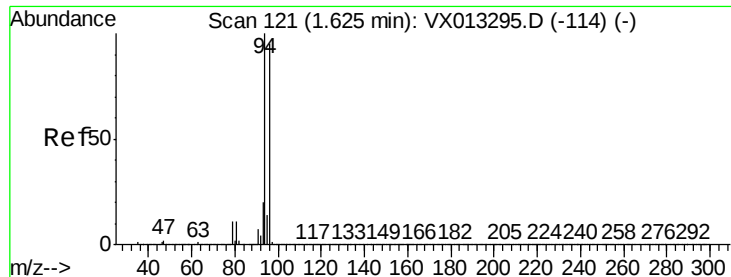
Tgt Ion: 62 Resp: 172981

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4





#5

Bromomethane

Concen: 17.646 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 94 Resp: 105373

Ion Ratio Lower Upper

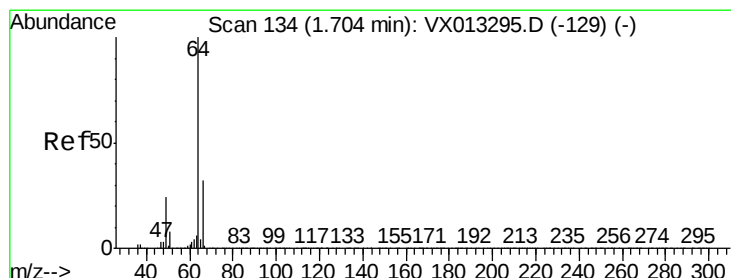
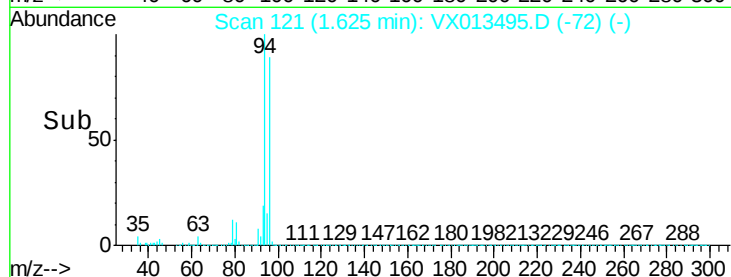
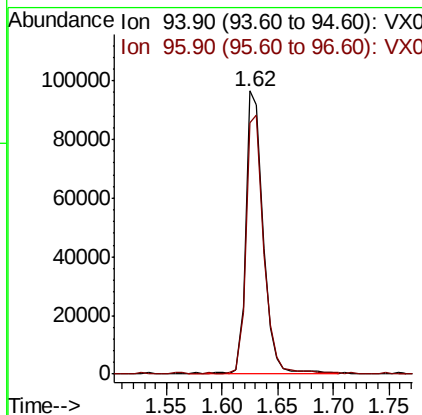
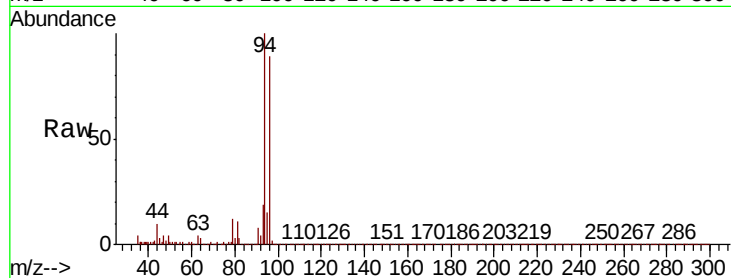
94 100

96 89.1 75.8 113.8

Manual Integrations  
APPROVED

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11/22/2019 8:44:44 AM



#6

Chloroethane

Concen: 19.421 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013495.D

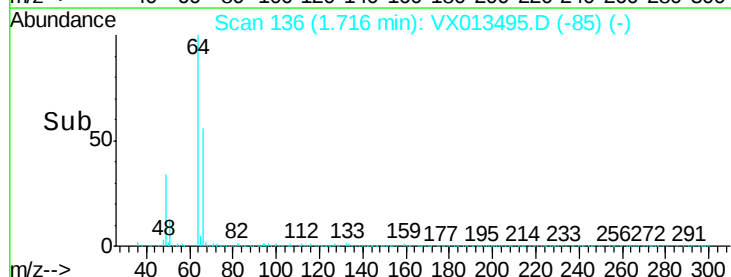
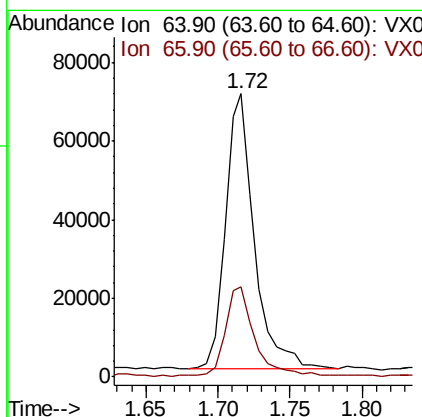
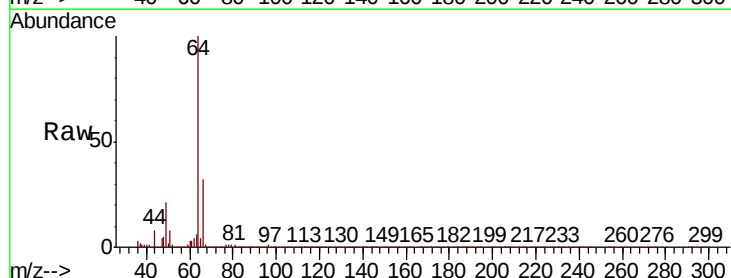
Acq: 21 Nov 2019 12:07

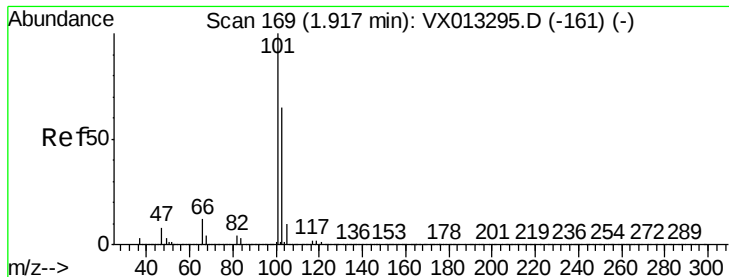
Tgt Ion: 64 Resp: 98701

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4





#7

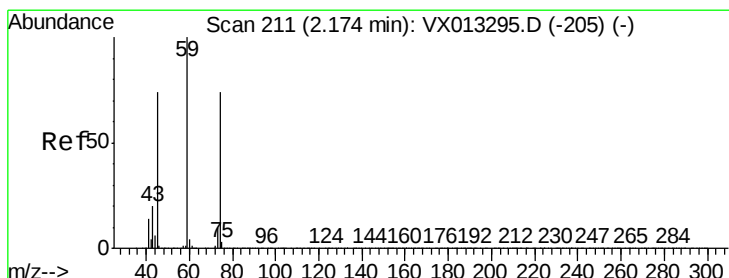
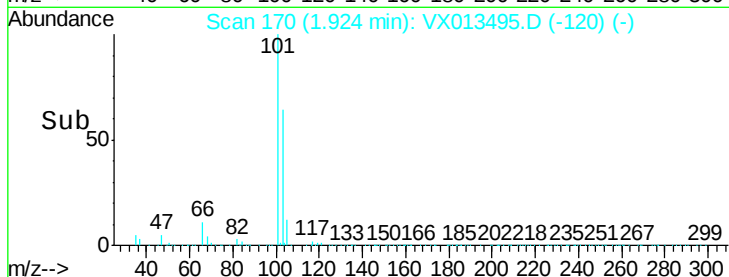
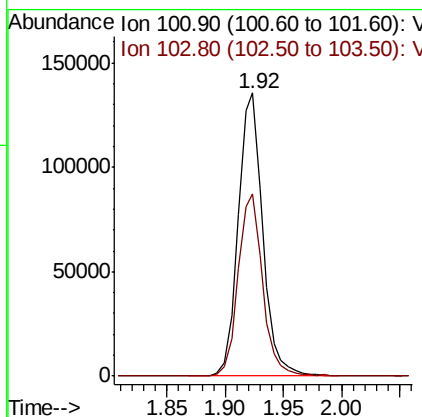
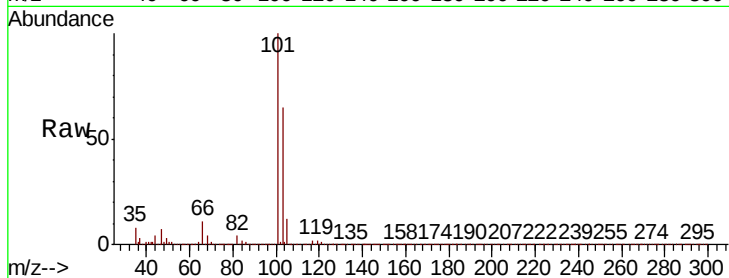
Trichlorofluoromethane  
Concen: 19.528 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. 0.01 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.5  | 52.3  | 78.5  |

Manual Integrations  
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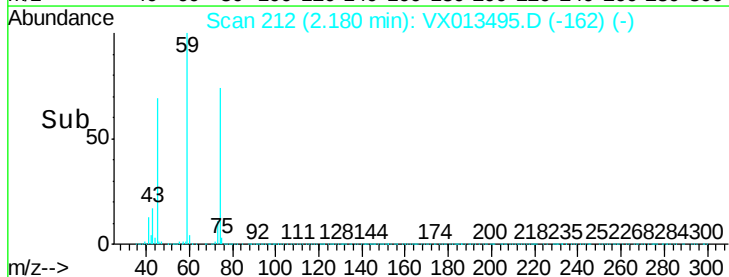
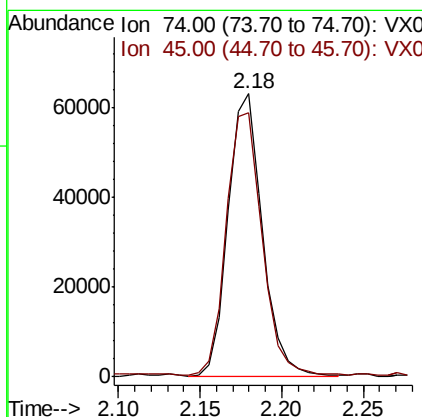
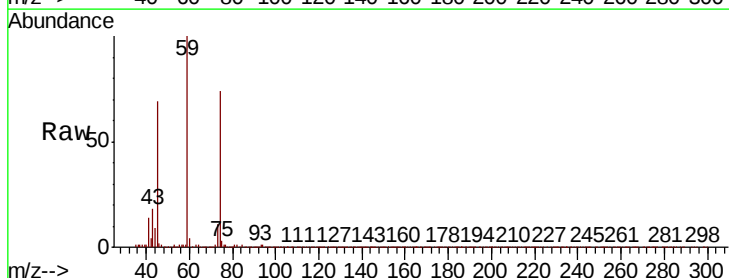
MMDadoda  
11/22/2019 8:44:44 AM

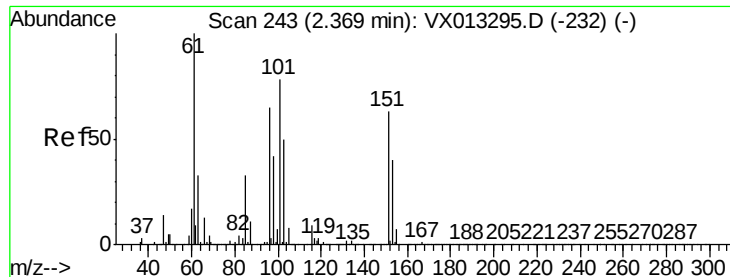


#8

Diethyl Ether  
Concen: 20.424 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.01 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 98.8  | 48.5  | 145.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.551 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

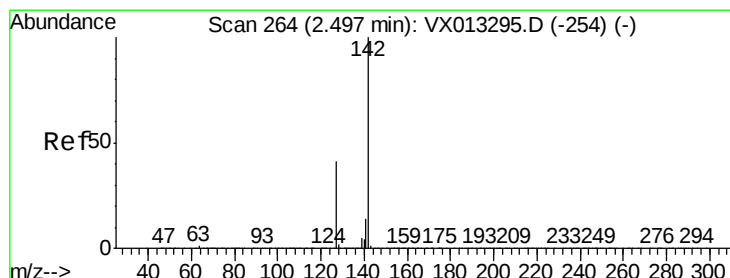
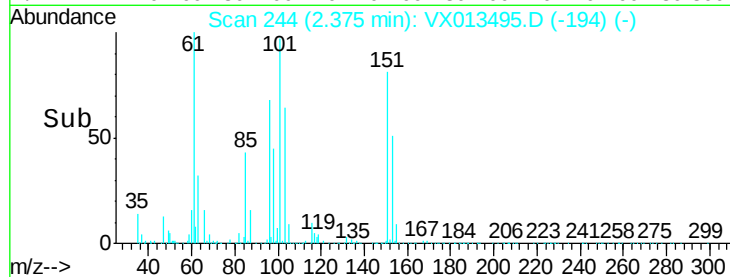
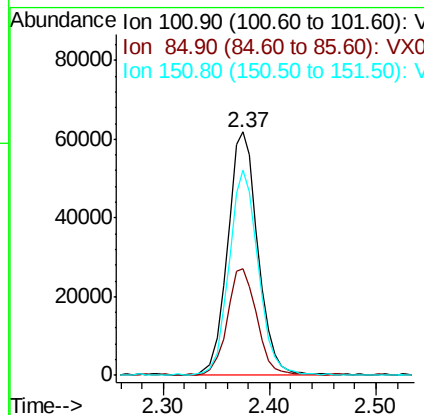
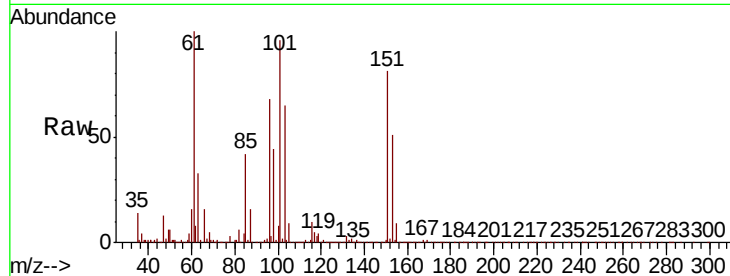
ClientSampleId :

VX1121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 121605 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.0  | 34.4  | 51.6   |
| 151       | 82.1  | 66.4  | 99.6   |

Manual Integrations  
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11/22/2019 8:44:44 AM



#10

Methyl Iodide

Concen: 16.953 ug/l

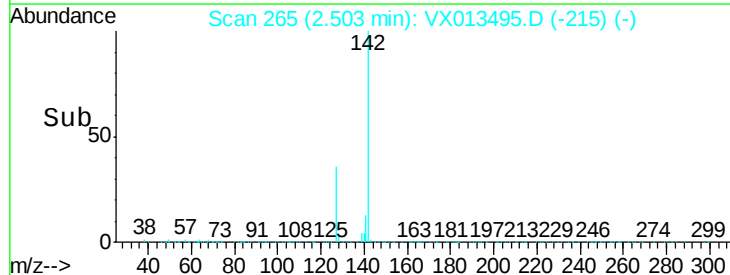
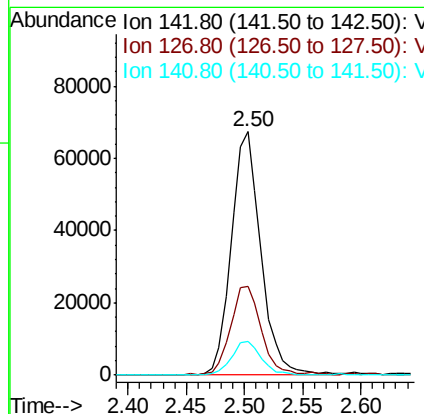
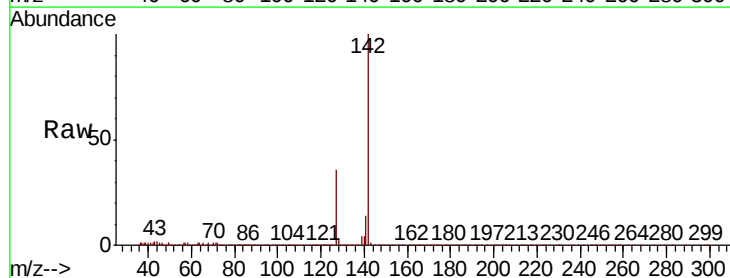
RT: 2.50 min Scan# 265

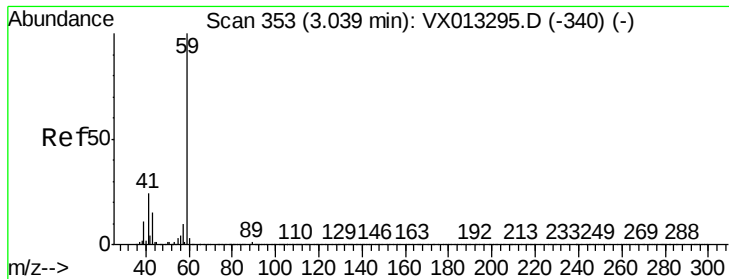
Delta R.T. 0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 118439 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 37.5  | 32.6  | 49.0   |
| 141       | 13.5  | 11.6  | 17.4   |





#11

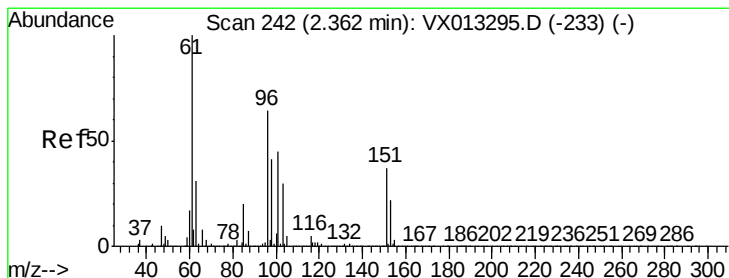
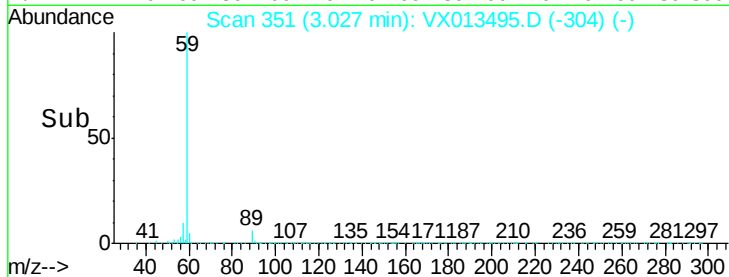
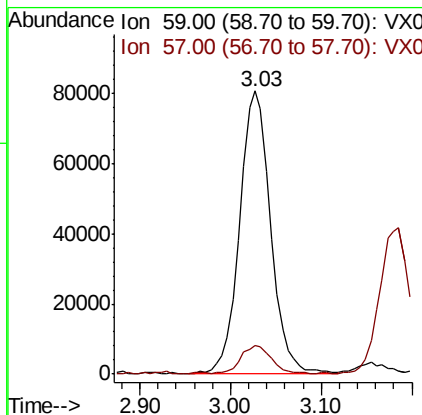
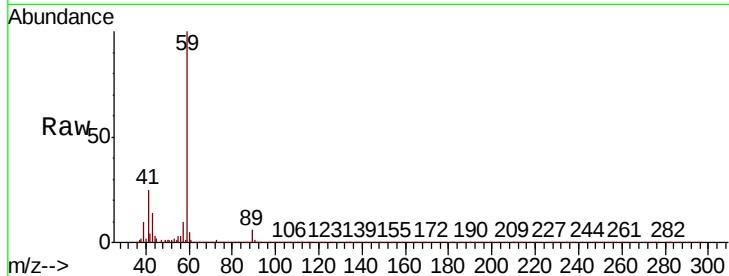
Tert butyl alcohol  
Concen: 100.615 ug/l  
RT: 3.03 min Scan# 351  
Delta R.T. -0.01 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

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

Manual Integrations  
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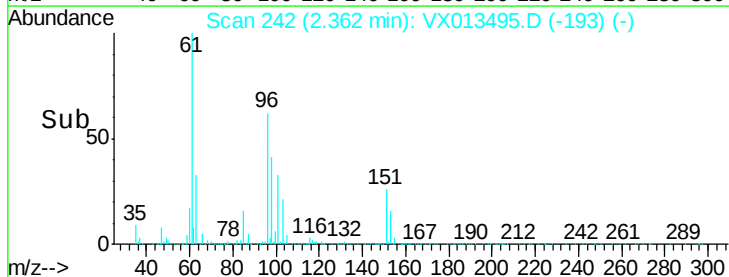
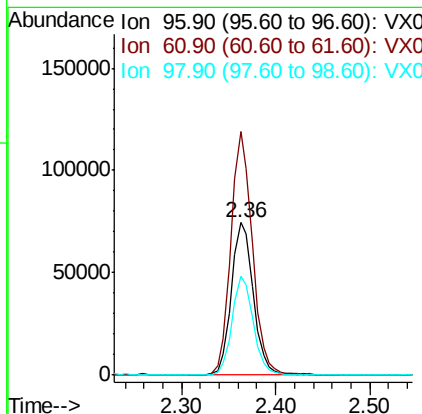
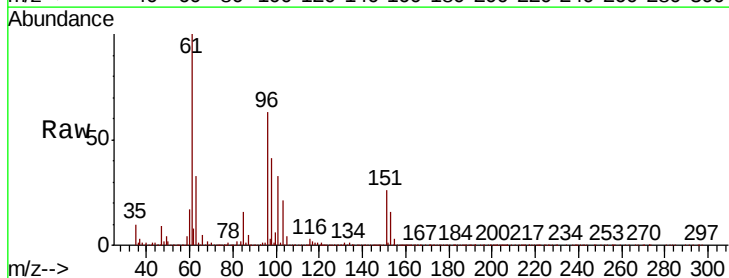
MMDadoda  
11/22/2019 8:44:44 AM

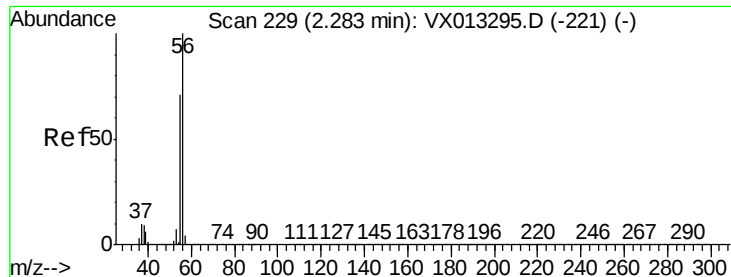


#12

1,1-Dichloroethene  
Concen: 21.824 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.9 | 125.0 | 187.6 |
| 98      | 65.0  | 50.7  | 76.1  |





#13

Acrolein

Concen: 87.139 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 56 Resp: 88836

Ion Ratio Lower Upper

56 100

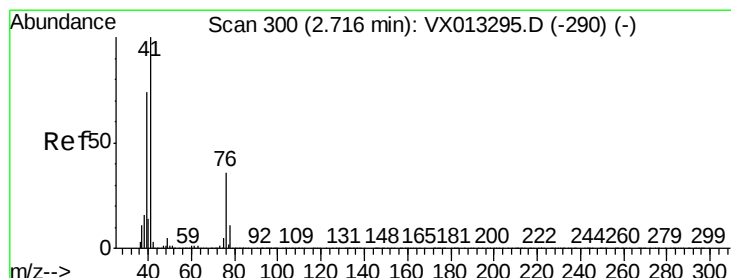
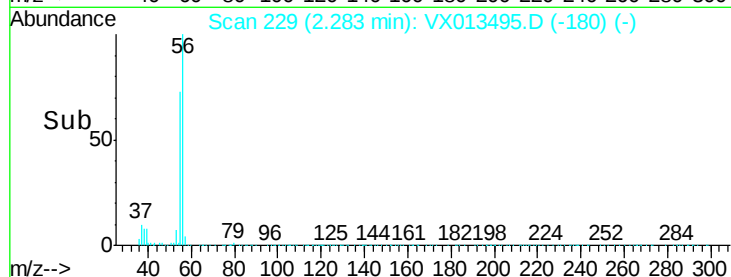
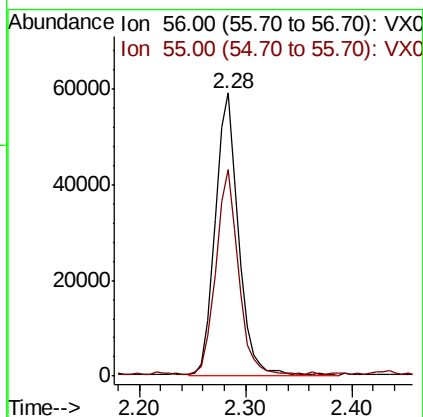
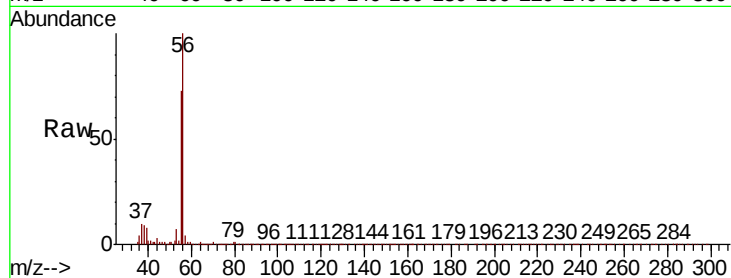
55 70.2 57.4 86.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.652 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

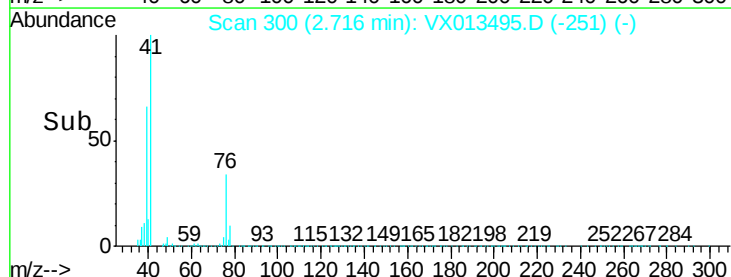
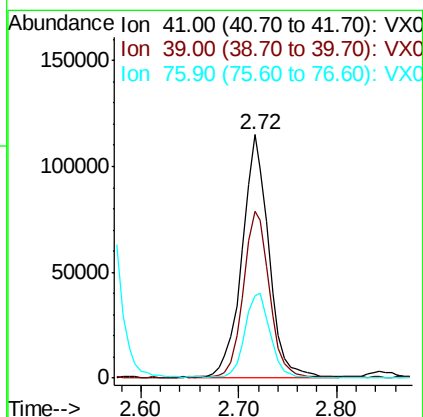
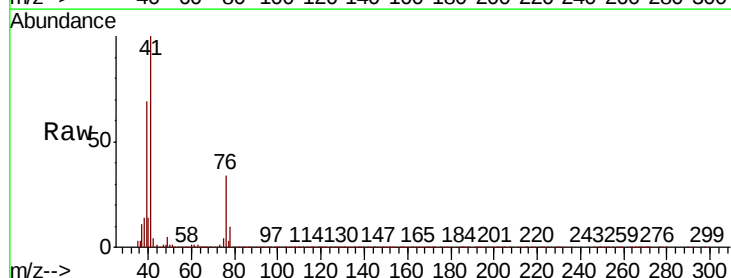
Tgt Ion: 41 Resp: 217385

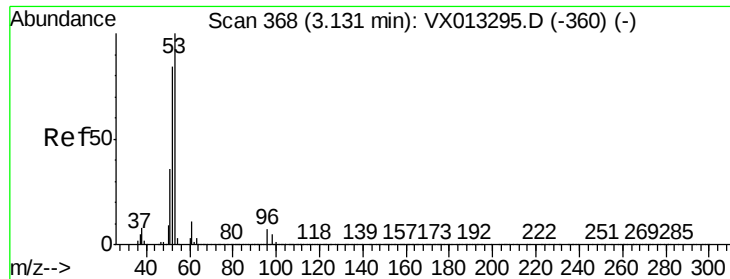
Ion Ratio Lower Upper

41 100

39 66.9 55.8 83.8

76 32.9 26.4 39.6





#15

Acrylonitrile

Concen: 113.310 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

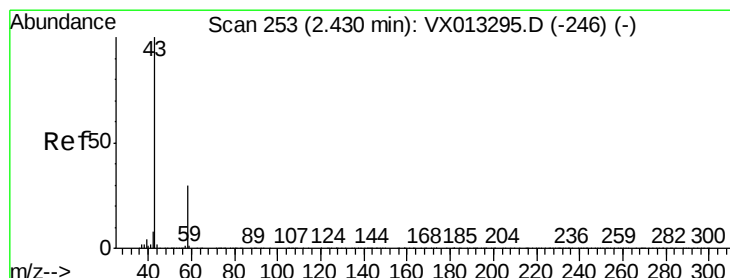
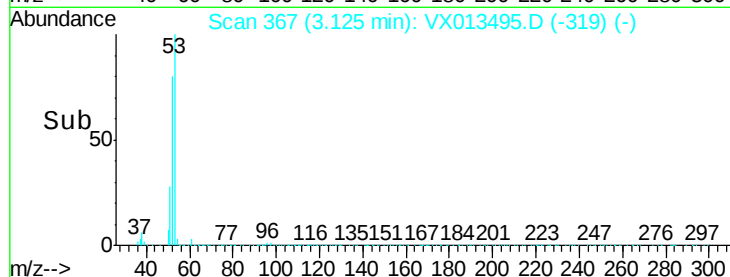
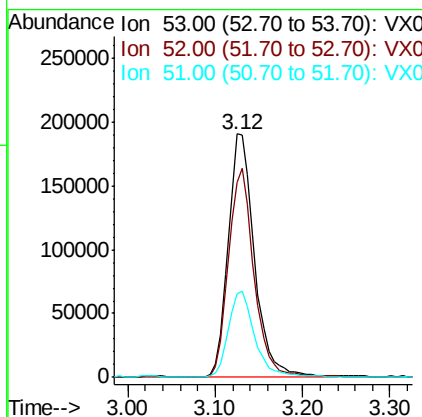
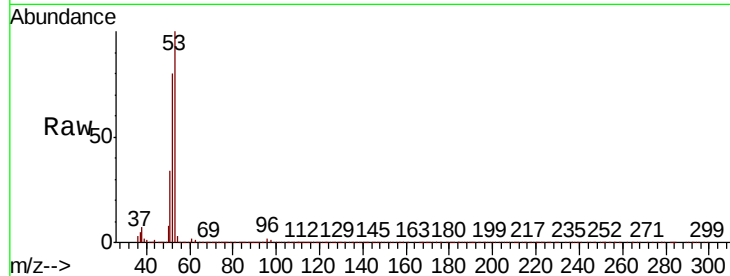
ClientSampleId :

VX1121WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 398137 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.4 | 67.4  | 101.0  |
| 51        | 35.4 | 29.4  | 44.2   |

Manual Integrations  
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11/22/2019 8:44:44 AM



#16

Acetone

Concen: 98.001 ug/l

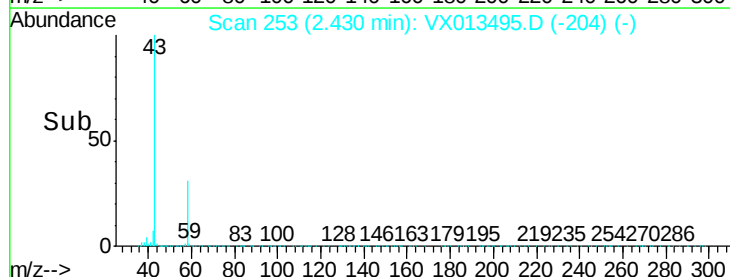
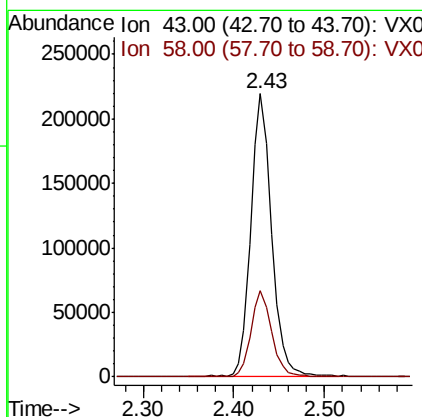
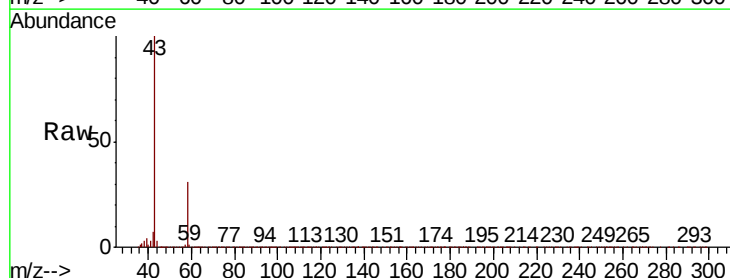
RT: 2.43 min Scan# 253

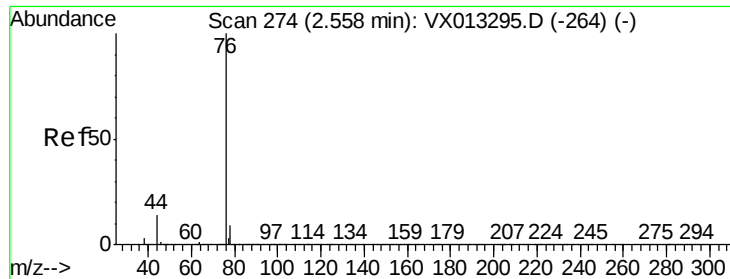
Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 348856 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.5 | 24.3  | 36.5   |





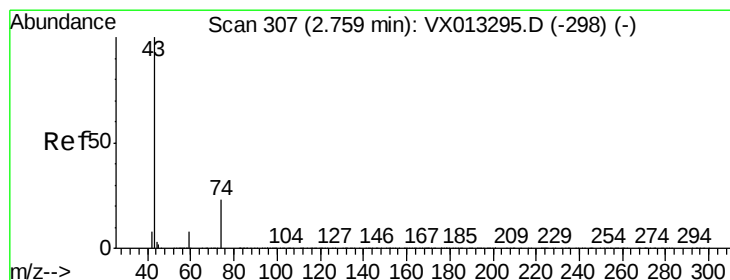
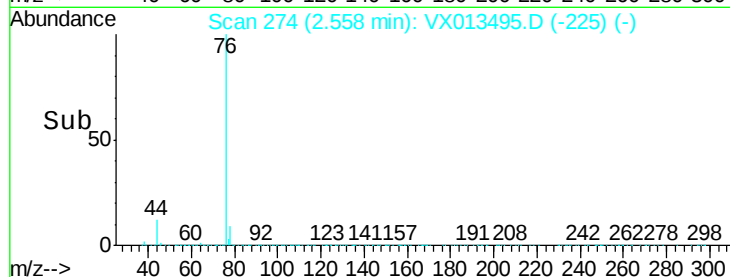
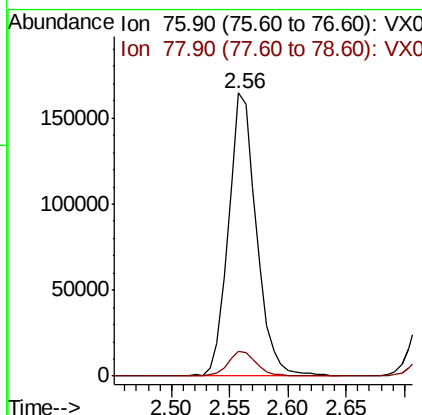
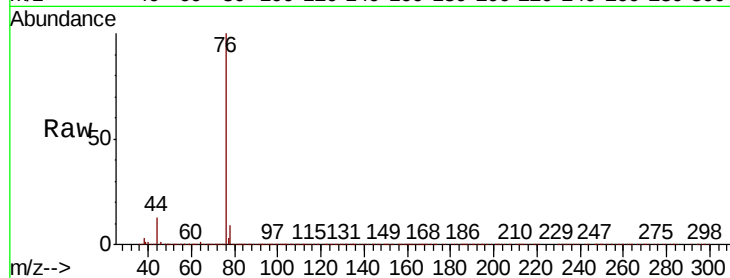
#17  
Carbon Disulfide  
Concen: 18.560 ug/l  
RT: 2.56 min Scan# 274  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.0   | 10.6  |

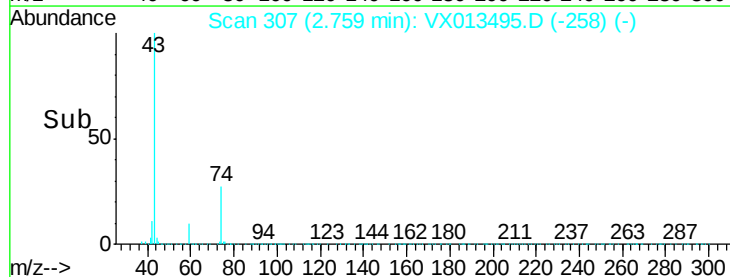
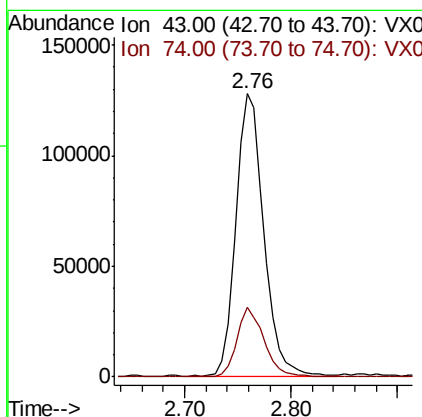
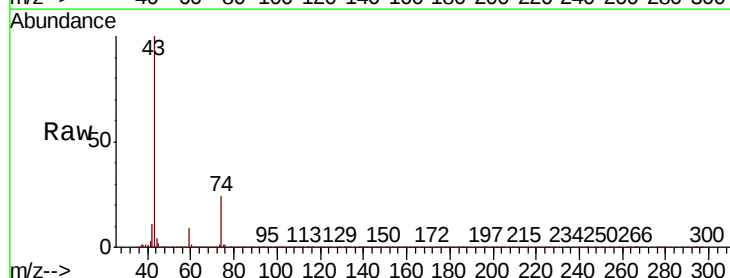
Manual Integrations  
APPROVED

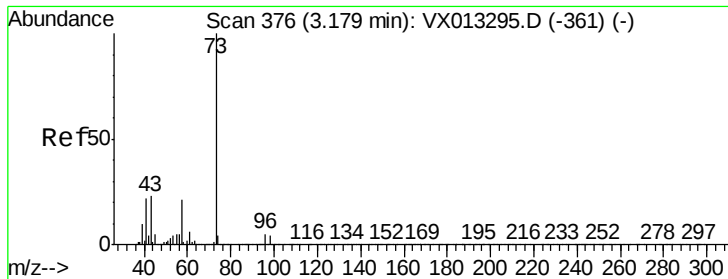
MMDadoda  
11/22/2019 8:44:44 AM



#18  
Methyl Acetate  
Concen: 23.854 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.8  | 19.0  | 28.6  |





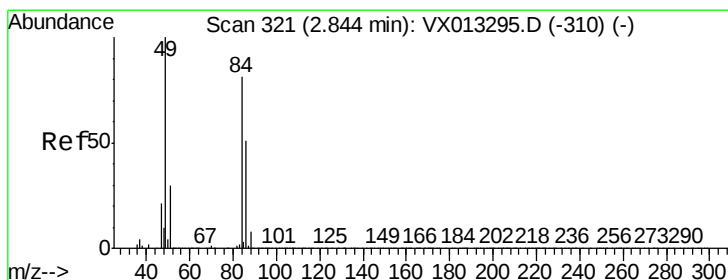
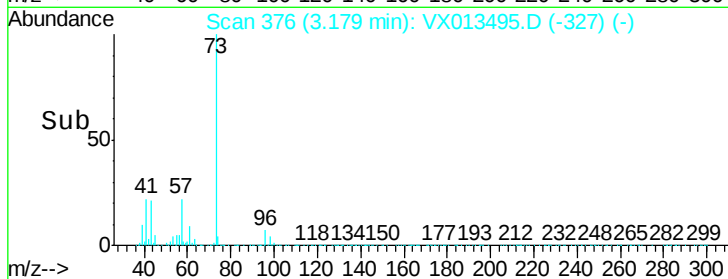
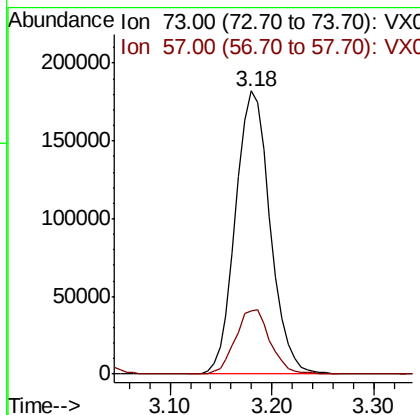
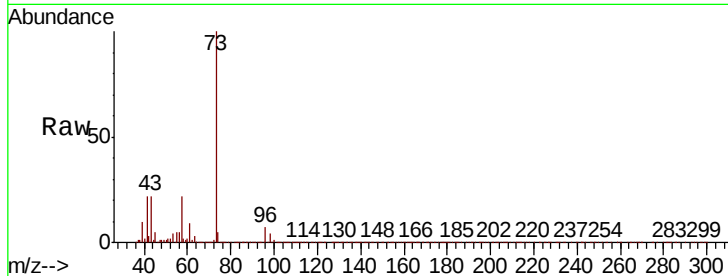
#19  
Methvl tert-butvl Ether  
Concen: 23.191 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 73      | 73  | 100   |       |       |
| 57      | 57  | 22.2  | 17.1  | 25.7  |

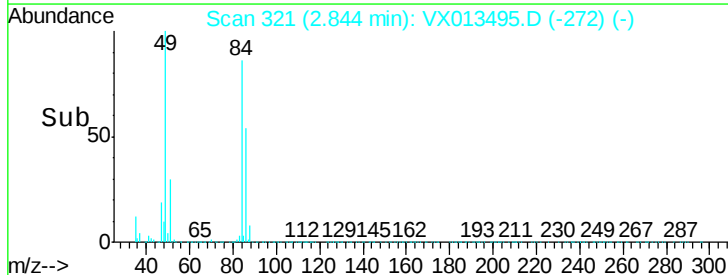
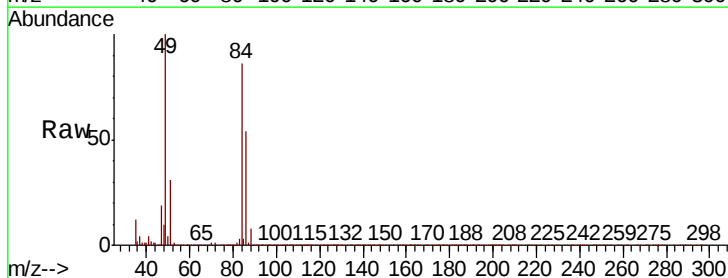
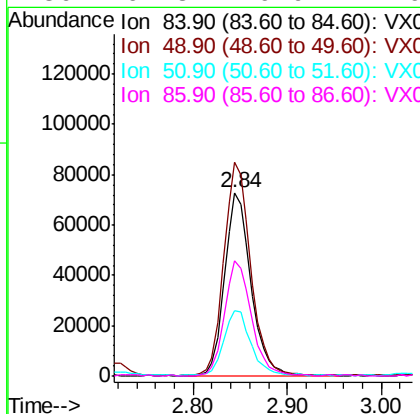
Manual Integrations  
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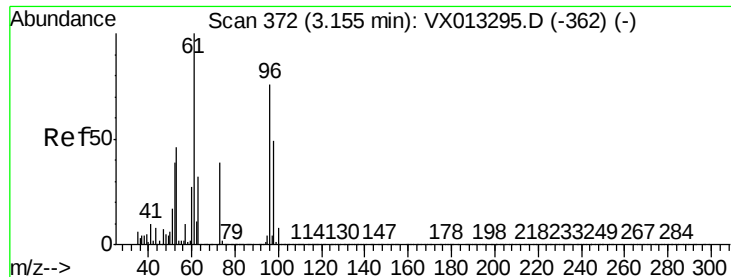
MMDadoda  
11/22/2019 8:44:44 AM



#20  
Methylene Chloride  
Concen: 21.541 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 84      | 84  | 100   |       |       |
| 49      | 49  | 116.1 | 98.2  | 147.4 |
| 51      | 51  | 34.9  | 29.9  | 44.9  |
| 86      | 86  | 62.3  | 49.9  | 74.9  |





#21

trans-1,2-Dichloroethene

Concen: 20.879 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

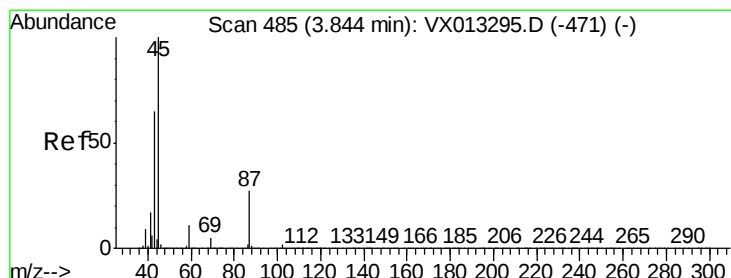
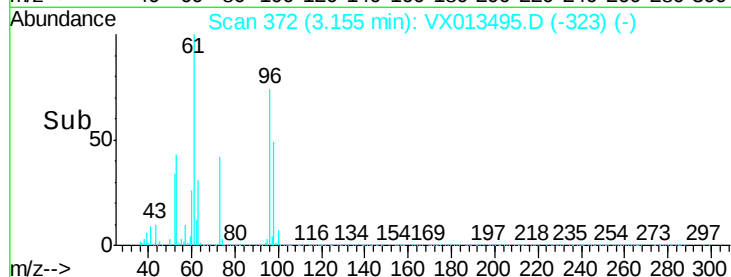
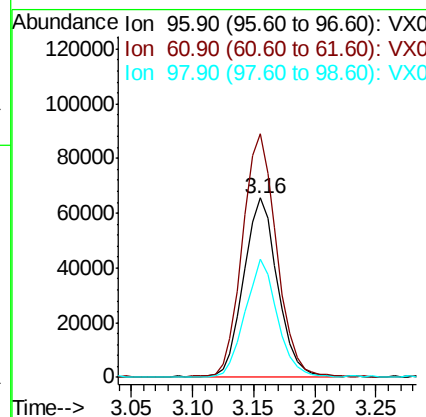
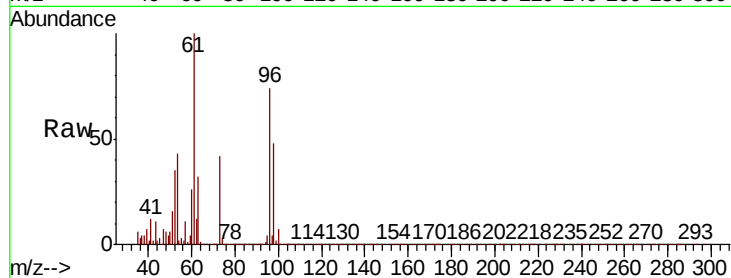
ClientSampleId :

VX1121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 125622 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 135.5 | 105.8 | 158.6  |
| 98        | 65.6  | 51.8  | 77.6   |

Manual Integrations  
APPROVED

MMDadoda  
11/22/2019 8:44:44 AM



#22

Diisopropyl ether

Concen: 23.489 ug/l

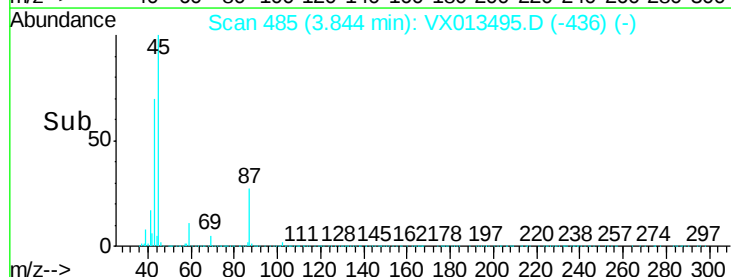
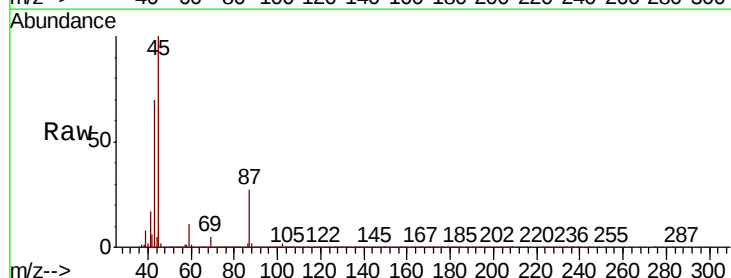
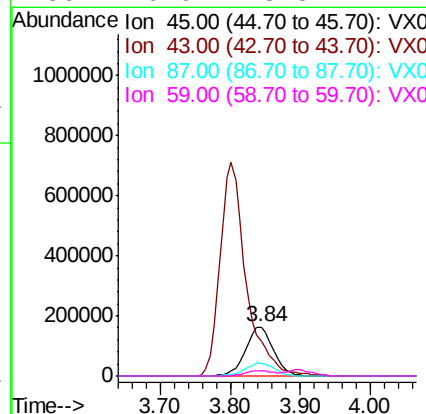
RT: 3.84 min Scan# 485

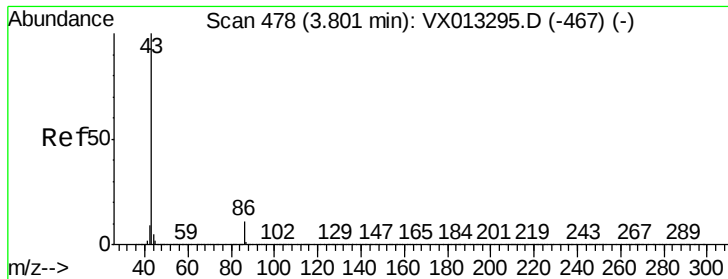
Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 455297 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 69.7  | 54.2  | 81.2   |
| 87        | 27.0  | 21.8  | 32.8   |
| 59        | 10.9  | 8.5   | 12.7   |





#23

Vinyl Acetate

Concen: 111.470 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 43 Resp: 1848896

Ion Ratio Lower Upper

43 100

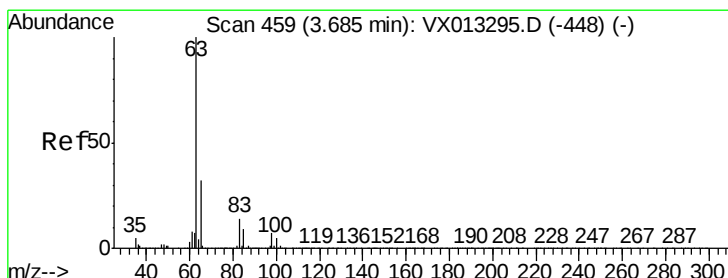
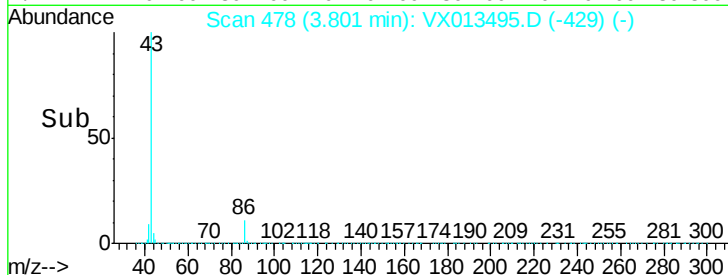
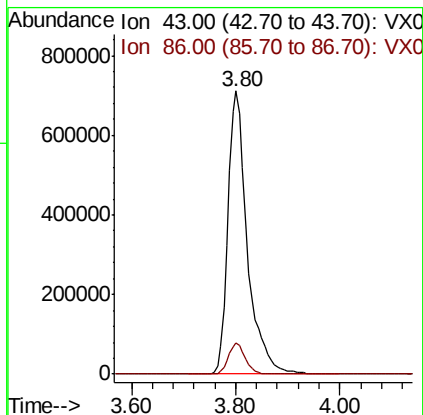
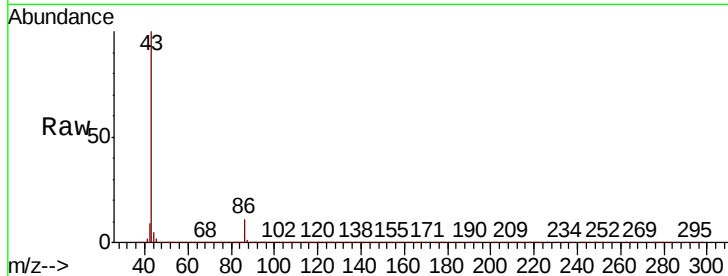
86 11.0 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 22.355 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

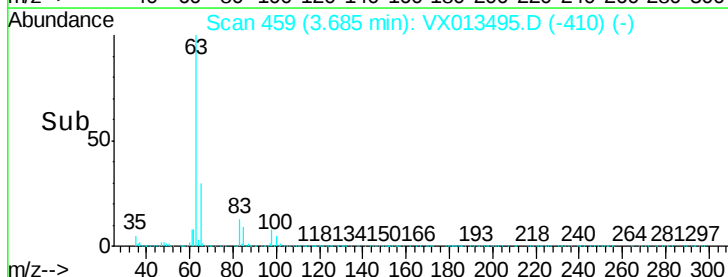
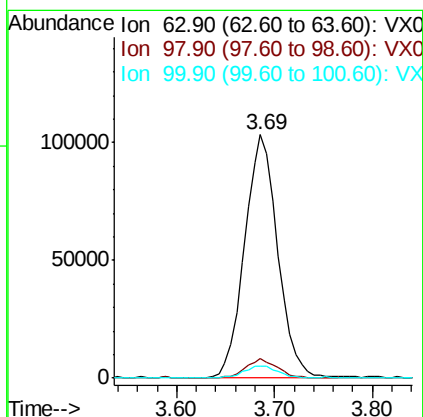
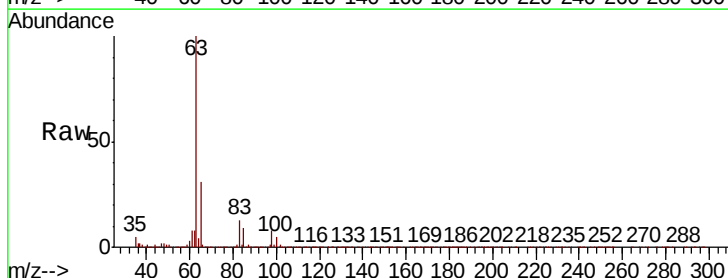
Tgt Ion: 63 Resp: 242407

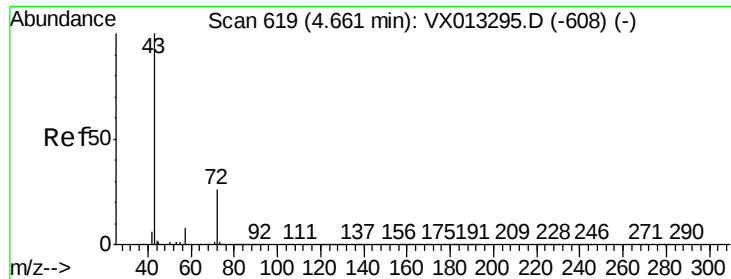
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 106.003 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 43 Resp: 553563

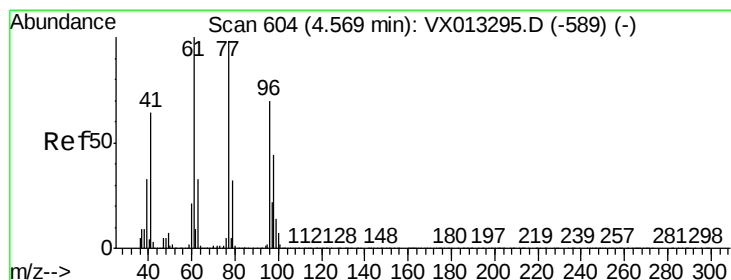
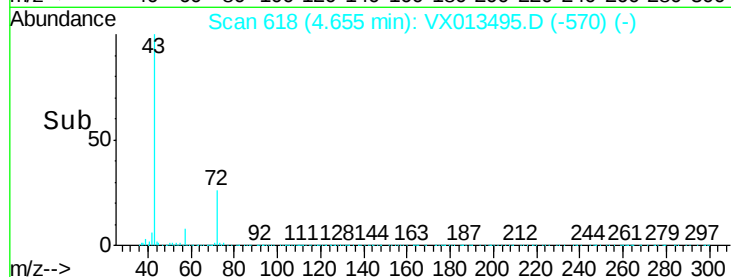
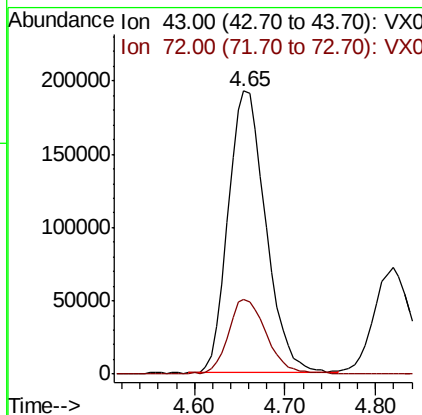
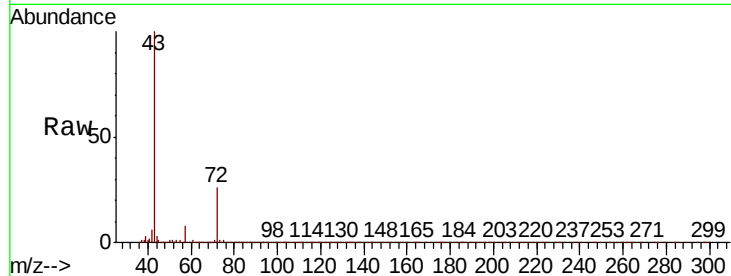
Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6

Manual Integrations  
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11/22/2019 8:44:44 AM



#26

2,2-Dichloropropane

Concen: 22.512 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013495.D

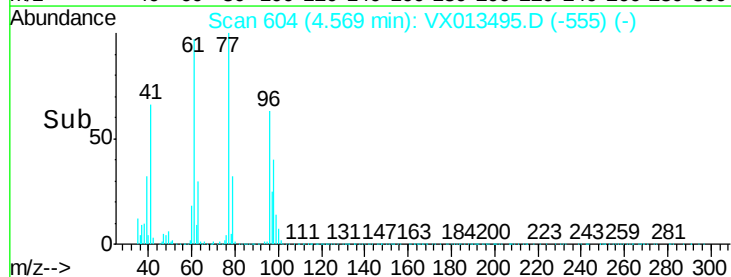
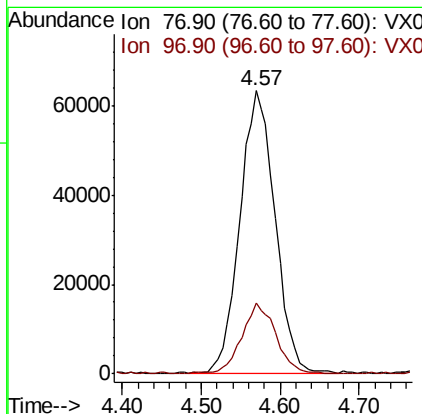
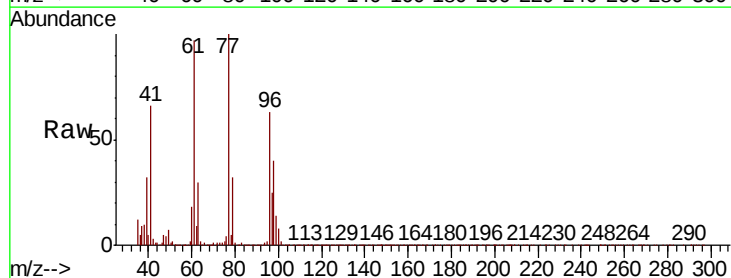
Acq: 21 Nov 2019 12:07

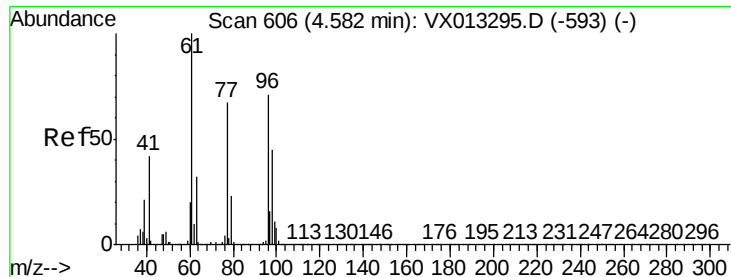
Tgt Ion: 77 Resp: 194194

Ion Ratio Lower Upper

77 100

97 24.3 11.3 33.8





#27

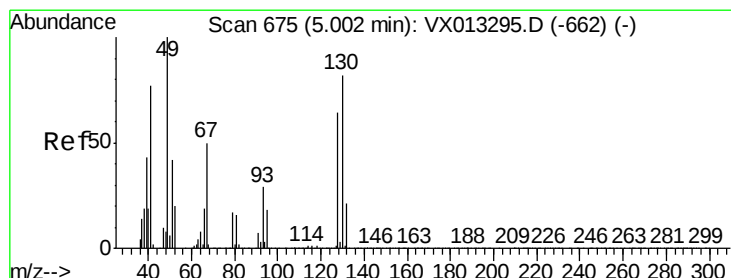
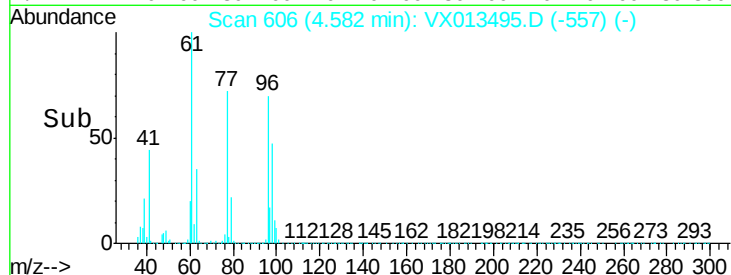
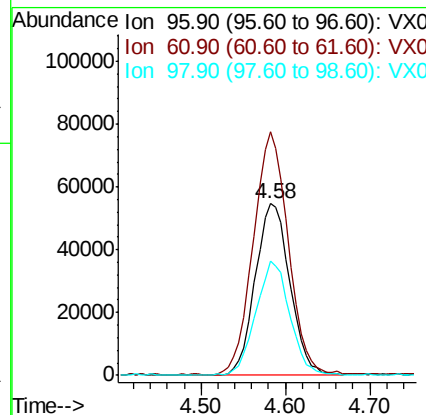
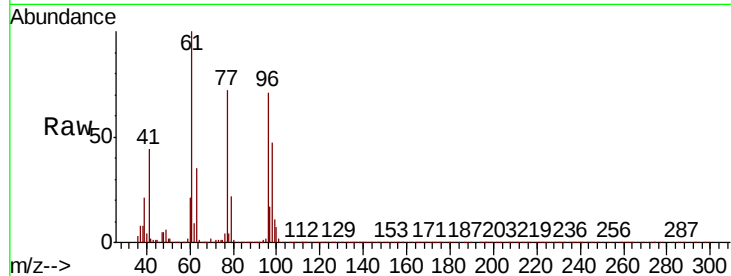
cis-1,2-Dichloroethene  
Concen: 22.722 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 153141 |       |       |
| 61      | 142.8 | 0.0    | 288.0 |       |
| 98      | 65.7  | 0.0    | 129.6 |       |

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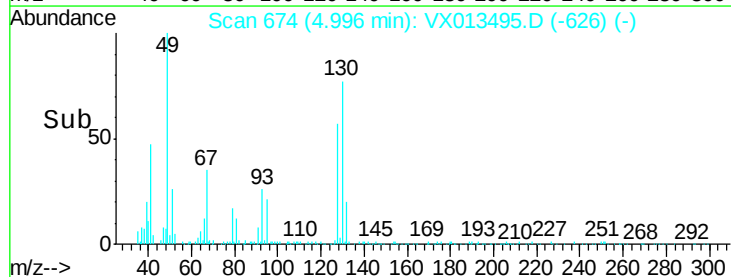
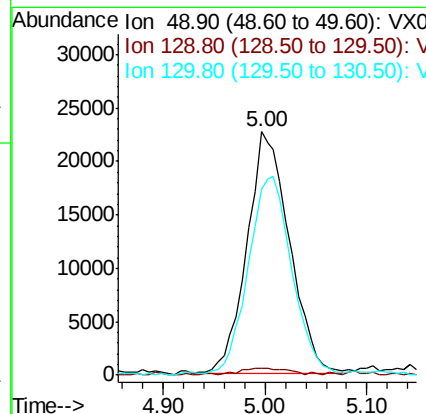
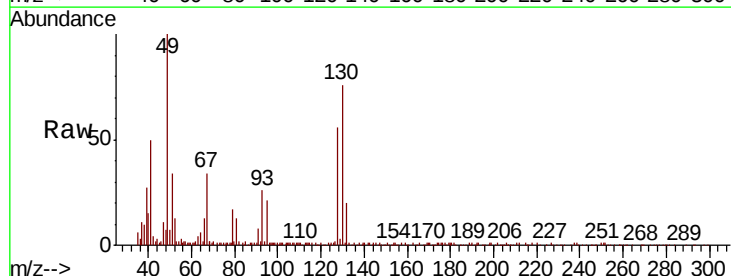
MMDadoda  
11/22/2019 8:44:44 AM

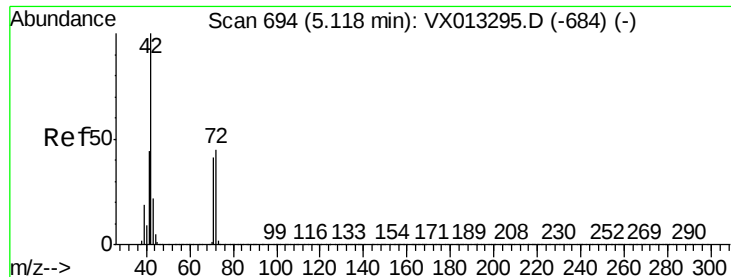


#28

Bromochloromethane  
Concen: 21.212 ug/l  
RT: 5.00 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 65307 |       |       |
| 129     | 3.1   | 0.0   | 5.2   |       |
| 130     | 82.6  | 63.8  | 95.6  |       |





#29

Tetrahydrofuran

Concen: 111.644 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

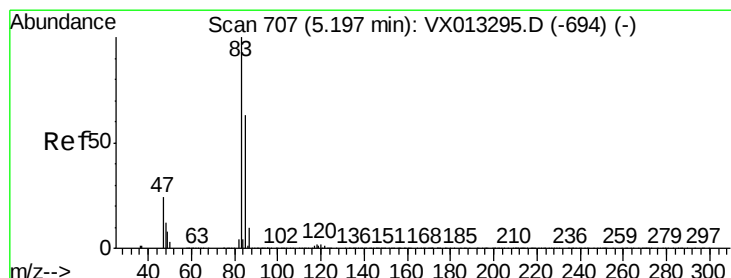
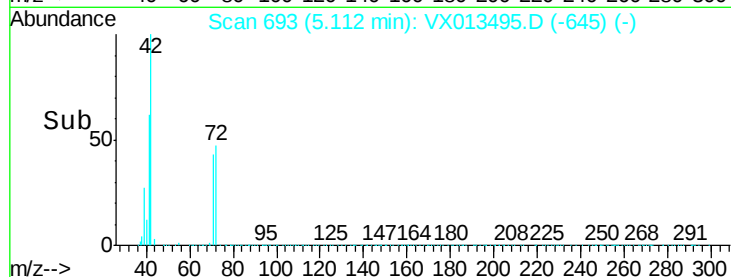
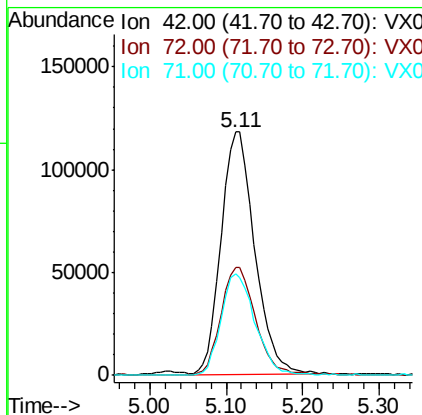
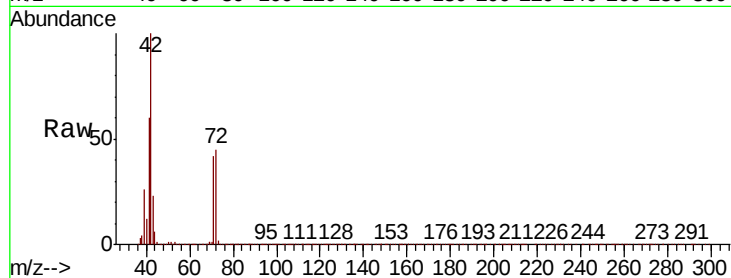
ClientSampleId :

VX1121WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 359284 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 45.8 | 35.8  | 53.8   |
| 71        | 42.1 | 33.4  | 50.0   |

Manual Integrations  
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11/22/2019 8:44:44 AM



#30

Chloroform

Concen: 23.340 ug/l

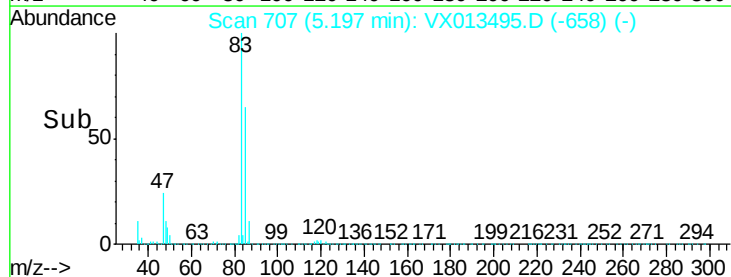
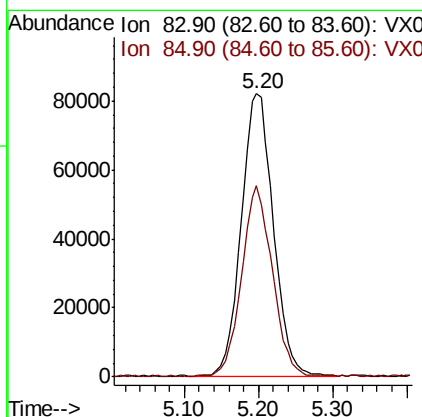
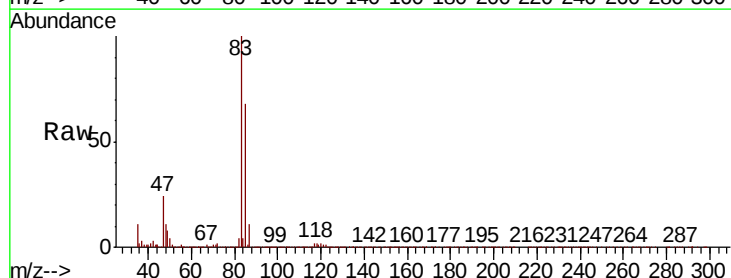
RT: 5.20 min Scan# 707

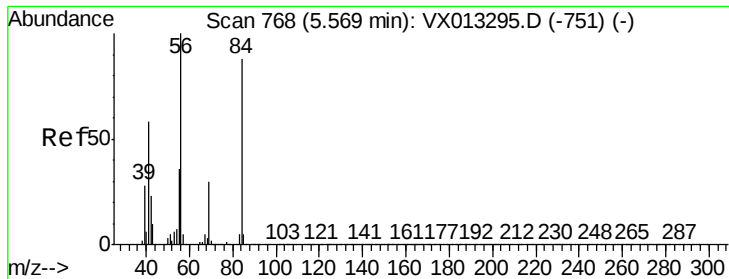
Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 249910 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 67.6 | 50.2  | 75.4   |





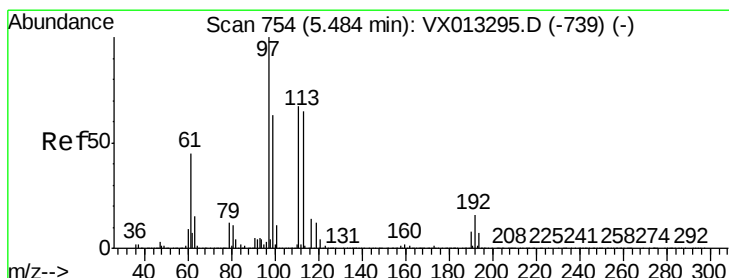
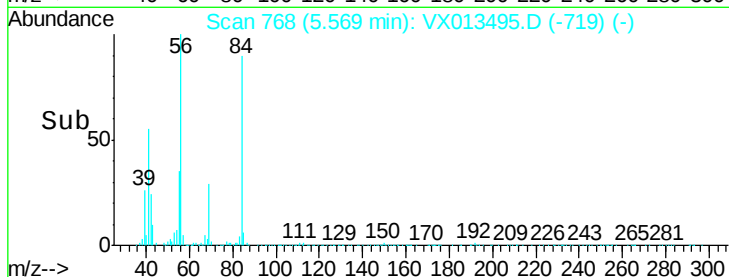
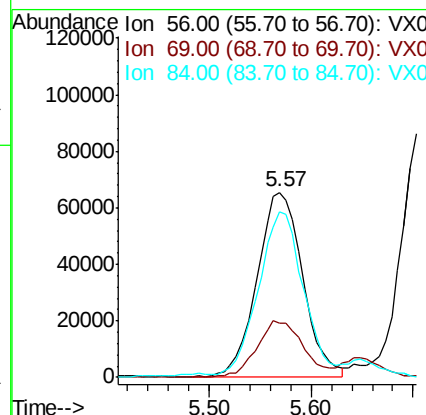
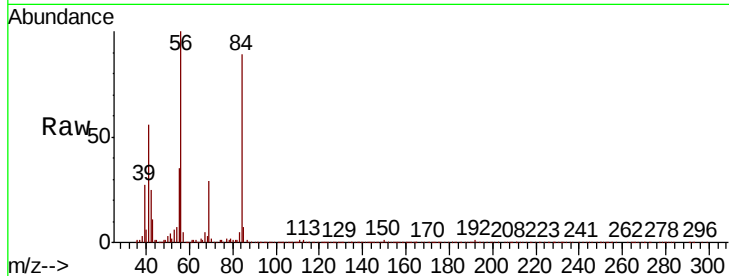
#31  
Cyclohexane  
Concen: 20.644 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.8  | 23.7  | 35.5  |
| 84      | 88.7  | 70.6  | 105.8 |

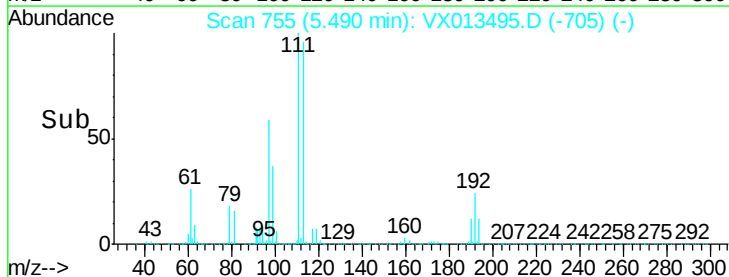
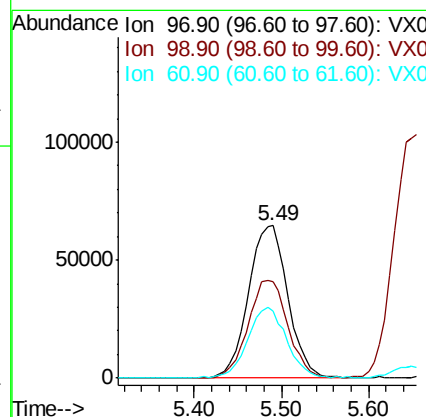
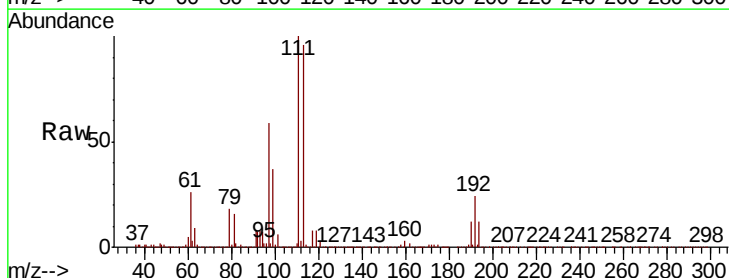
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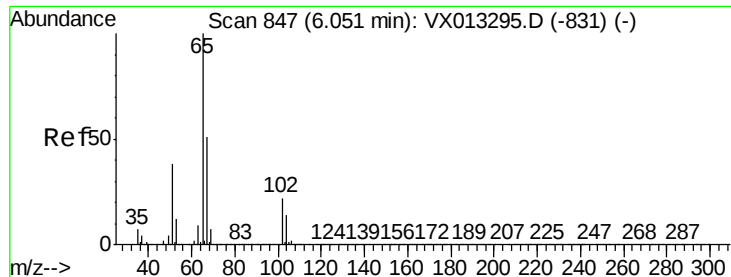
MMDadoda  
11/22/2019 8:44:44 AM



#32  
1,1,1-Trichloroethane  
Concen: 21.755 ug/l  
RT: 5.49 min Scan# 755  
Delta R.T. 0.01 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.0  | 51.1  | 76.7  |
| 61      | 45.5  | 36.5  | 54.7  |





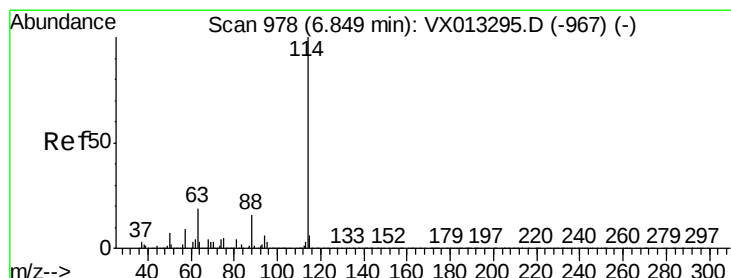
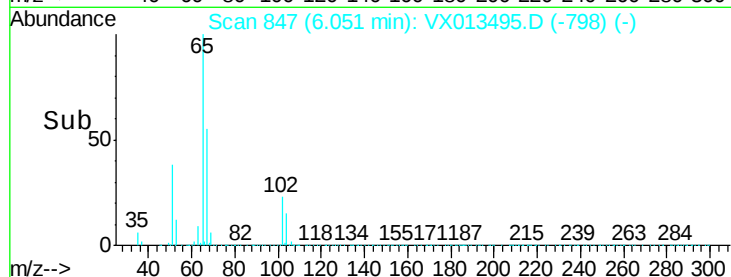
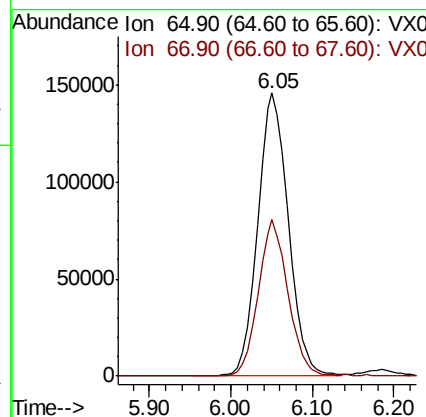
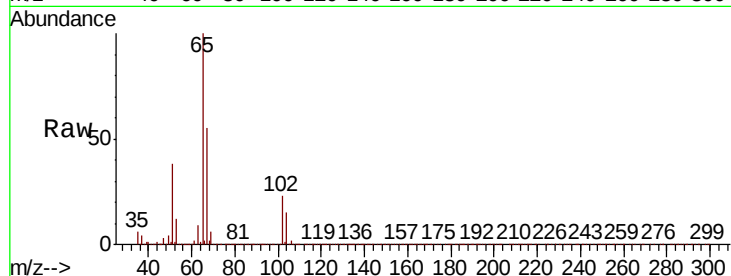
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.551 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 382178 |       |       |
| 67      | 53.0  | 0.0    | 104.2 |       |

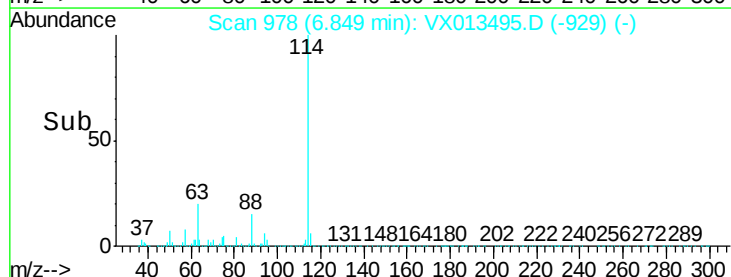
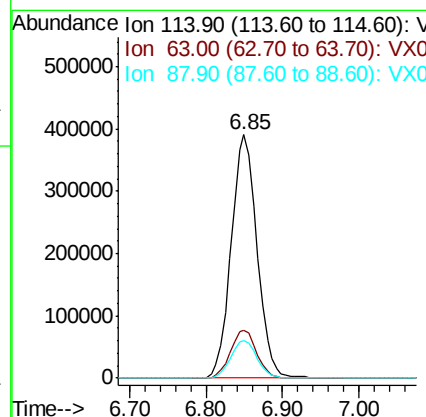
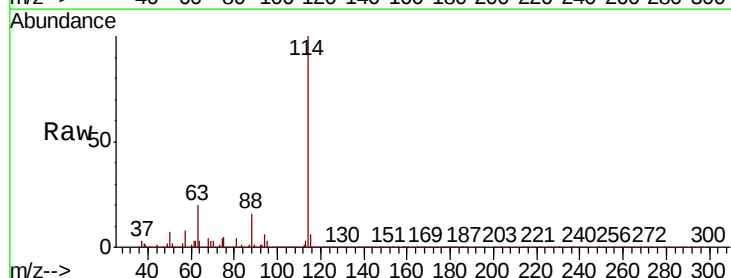
Manual Integrations  
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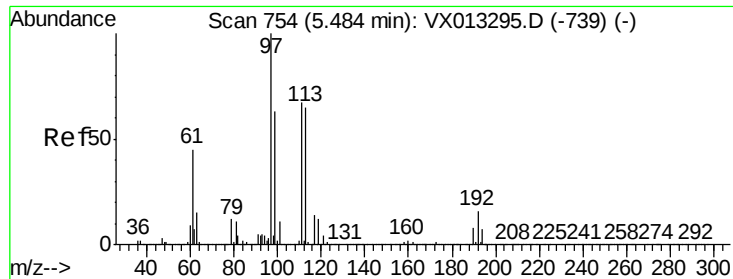
MMDadoda  
 11/22/2019 8:44:44 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 909137 |       |       |
| 63      | 19.6  | 0.0    | 38.4  |       |
| 88      | 15.5  | 0.0    | 32.2  |       |





#35

Dibromofluoromethane

Concen: 55.435 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

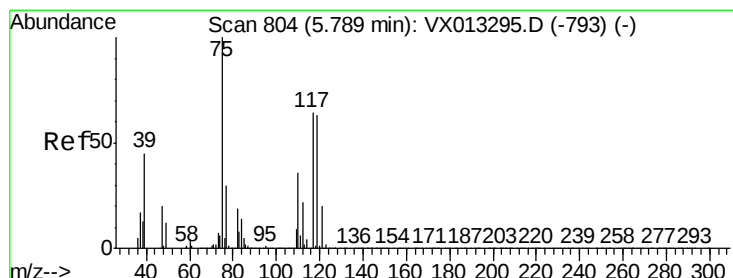
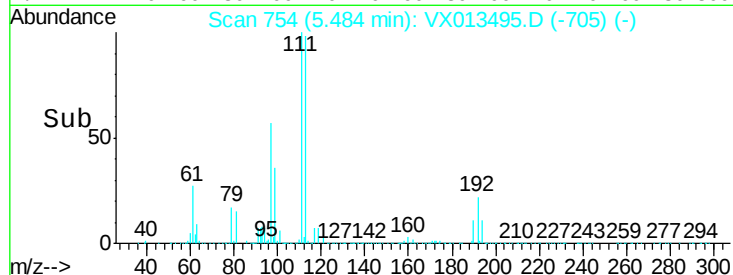
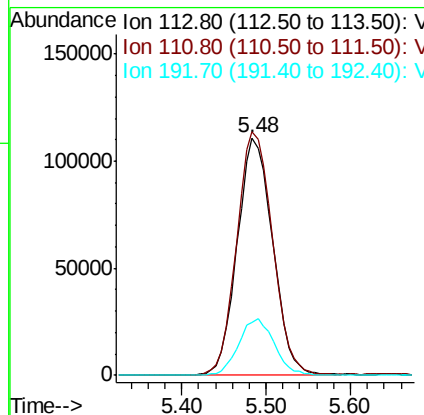
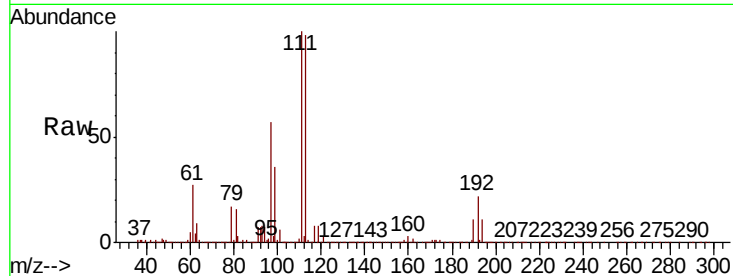
ClientSampleId :

VX1121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 316104 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.5 | 81.9  | 122.9  |
| 192       | 23.7  | 19.1  | 28.7   |

Manual Integrations  
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11/22/2019 8:44:44 AM



#36

1,1-Dichloropropene

Concen: 21.637 ug/l

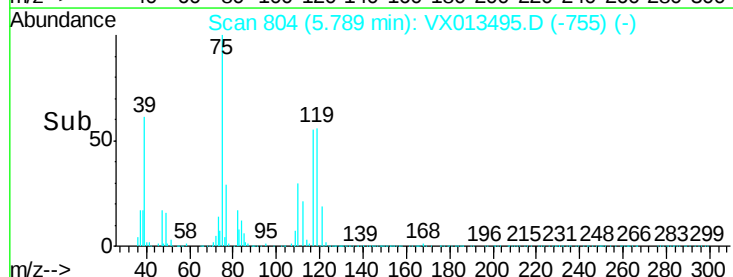
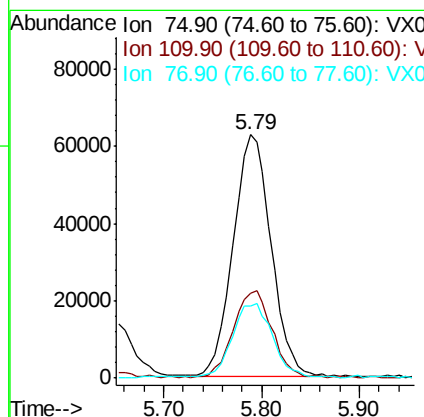
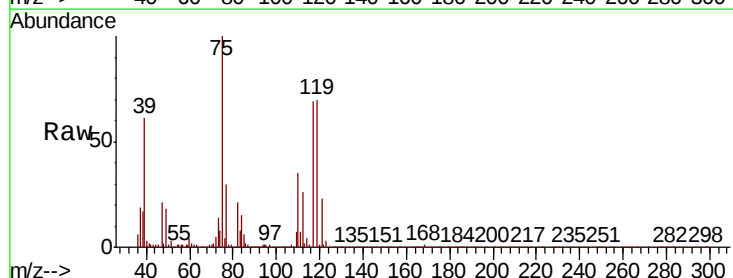
RT: 5.79 min Scan# 804

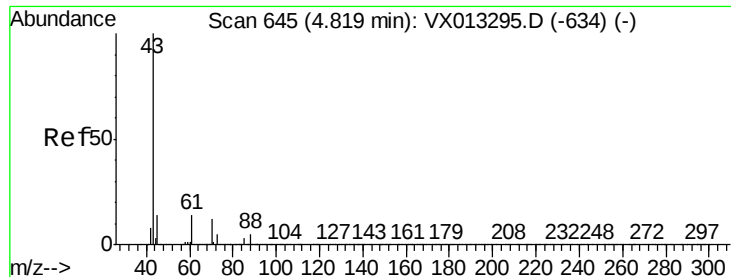
Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 168750 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.9  | 18.1  | 54.1   |
| 77        | 32.2  | 25.0  | 37.4   |





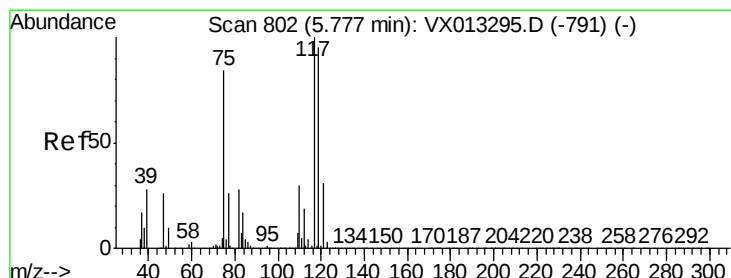
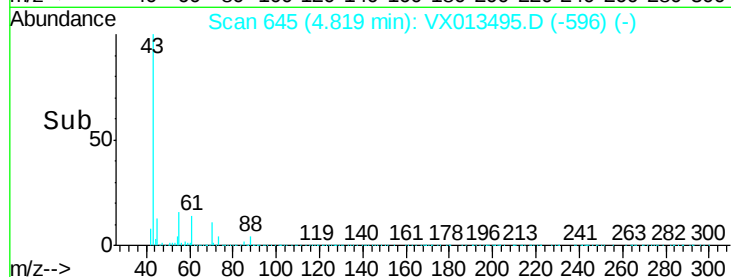
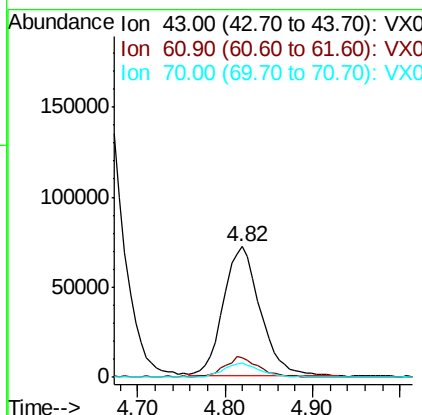
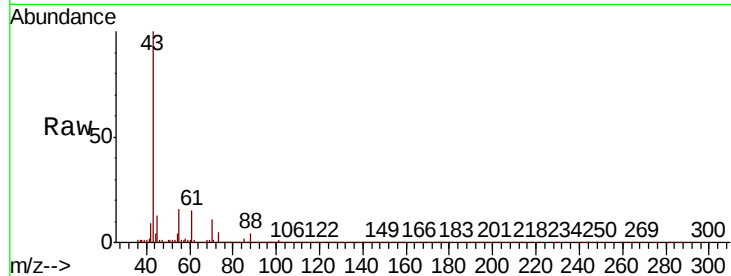
#37  
Ethyl Acetate  
Concen: 21.761 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 10.7  | 16.1  |
| 70      | 10.0  | 8.7   | 13.1  |

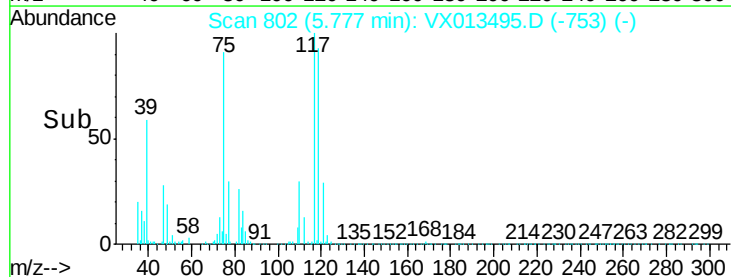
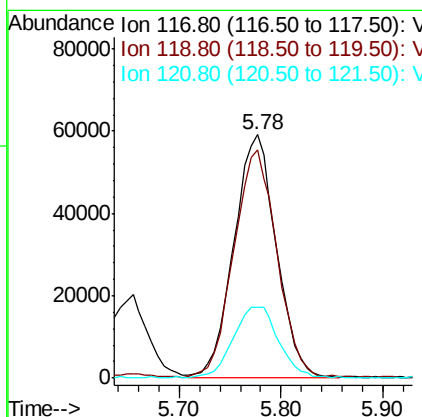
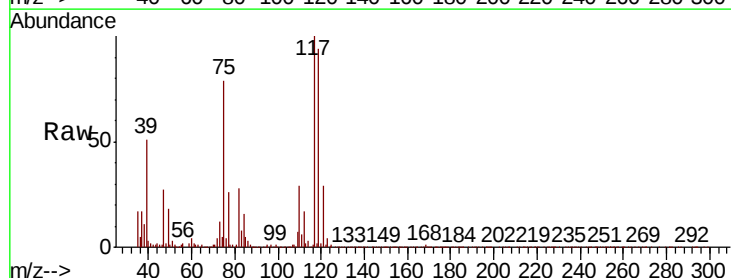
Manual Integrations  
APPROVED

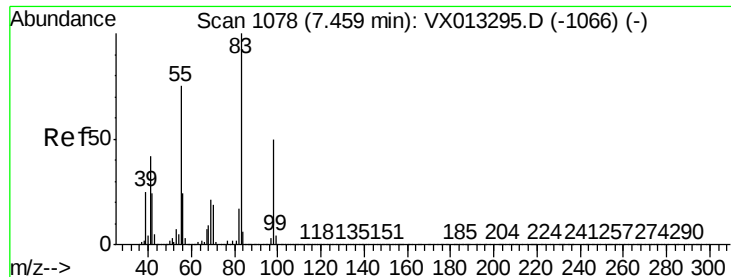
MMDadoda  
11/22/2019 8:44:44 AM



#38  
Carbon Tetrachloride  
Concen: 22.339 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.7  | 76.1  | 114.1 |
| 121     | 29.1  | 24.6  | 37.0  |





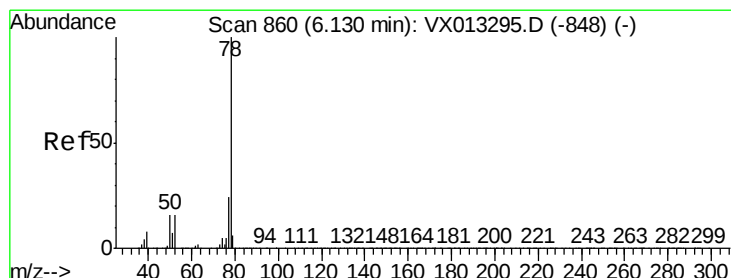
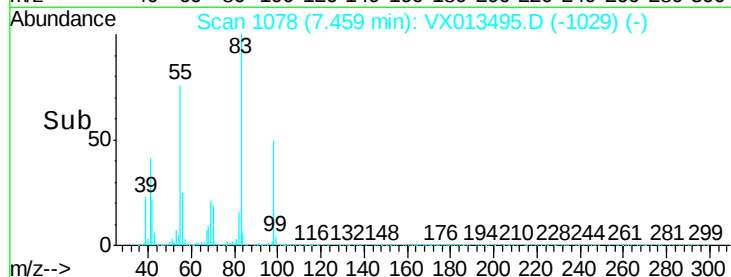
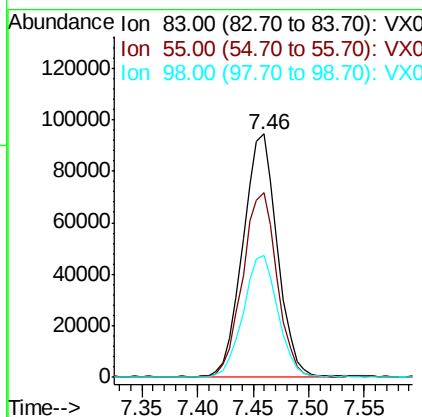
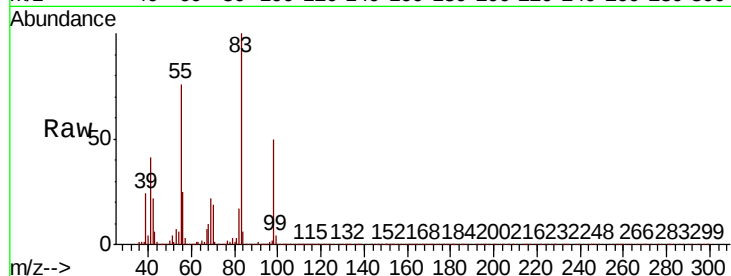
#39  
Methvlcvclohexane  
Concen: 20.852 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.7  | 60.3  | 90.5  |
| 98      | 49.8  | 40.3  | 60.5  |

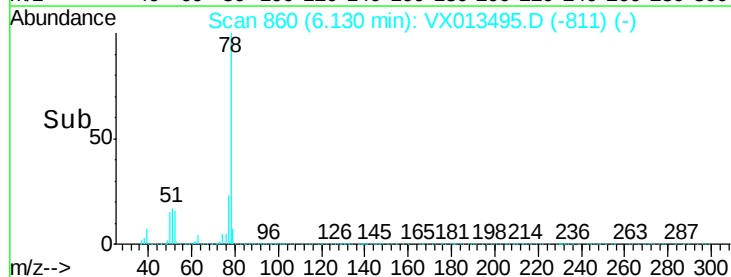
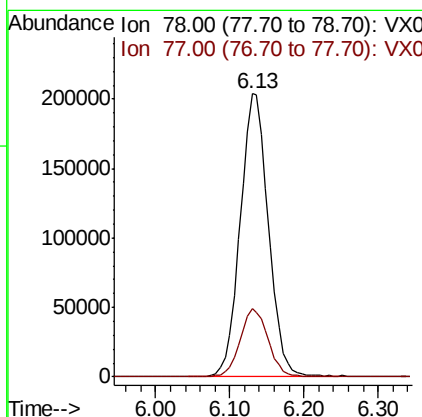
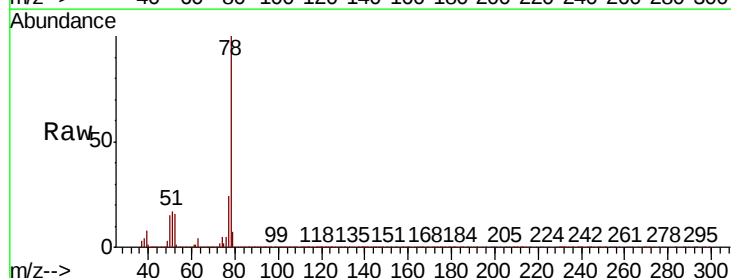
Manual Integrations  
APPROVED

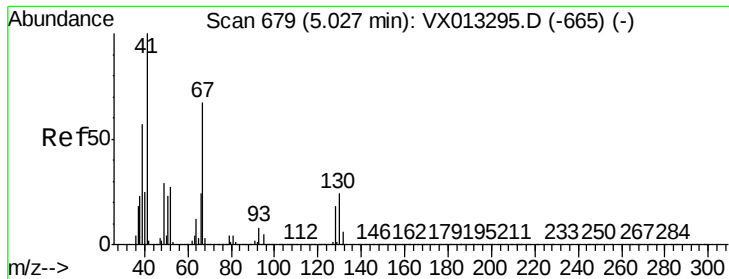
MMDadoda  
11/22/2019 8:44:44 AM



#40  
Benzene  
Concen: 22.178 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.1  | 19.5  | 29.3  |





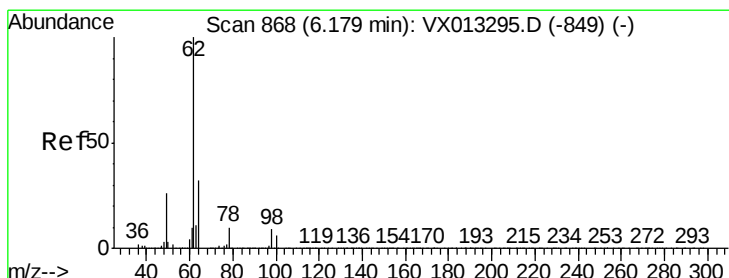
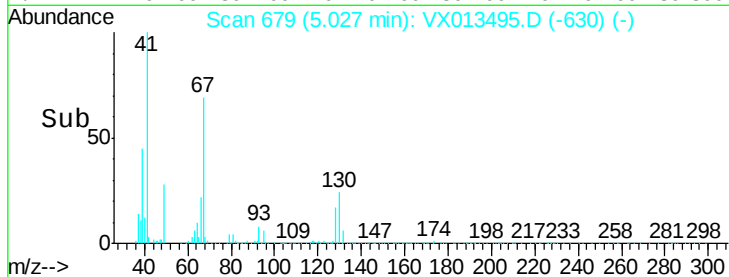
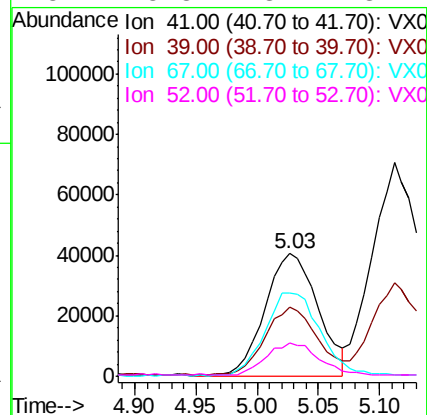
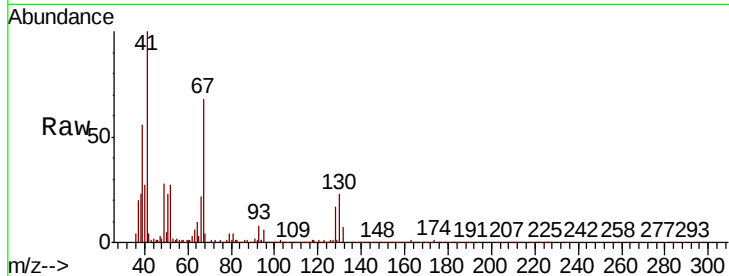
#41  
Methacrylonitrile  
Concen: 22.760 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 122942 |       |       |
| 39      | 54.1 | 45.0  | 67.6   |       |       |
| 67      | 70.1 | 55.4  | 83.2   |       |       |
| 52      | 25.8 | 23.1  | 34.7   |       |       |

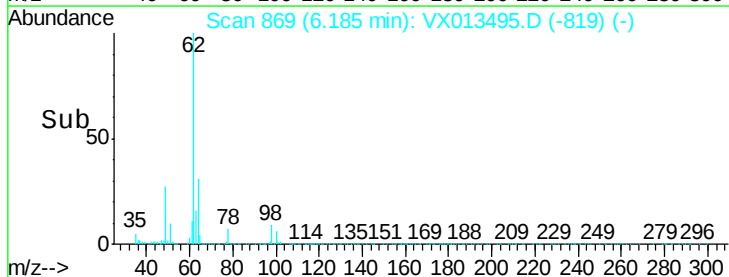
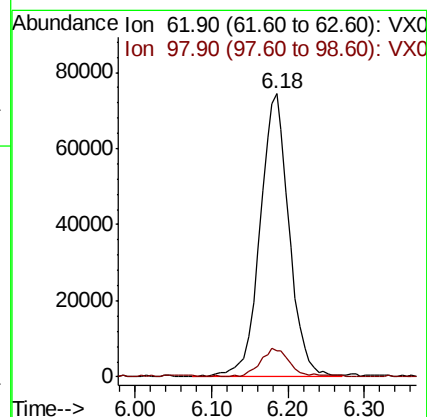
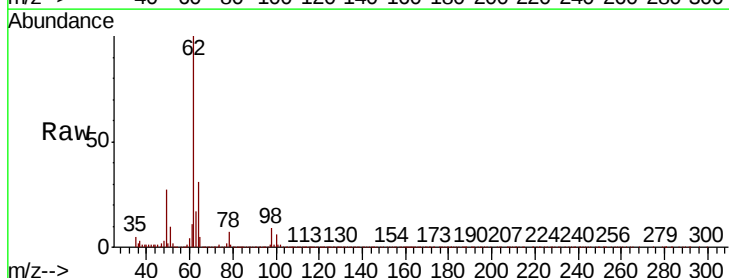
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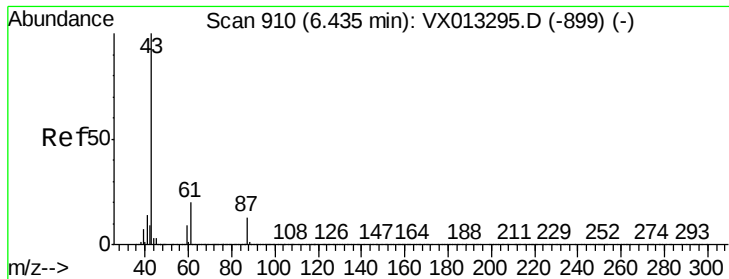
MMDadoda  
11/22/2019 8:44:44 AM



#42  
1,2-Dichloroethane  
Concen: 22.226 ug/l  
RT: 6.18 min Scan# 869  
Delta R.T. 0.01 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 194772 |       |       |
| 98      | 10.1 | 0.0   | 19.4   |       |       |





#43

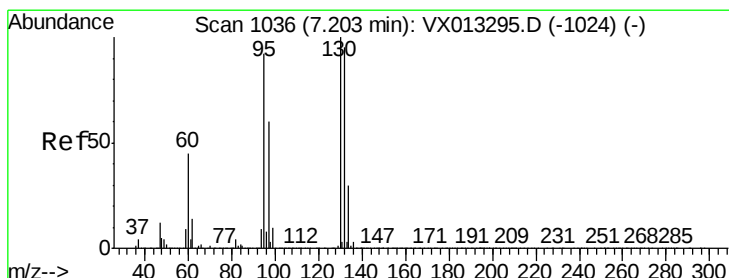
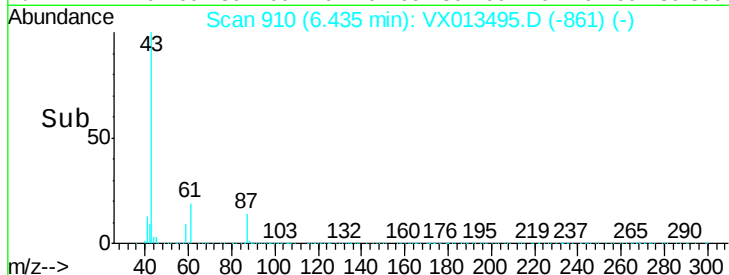
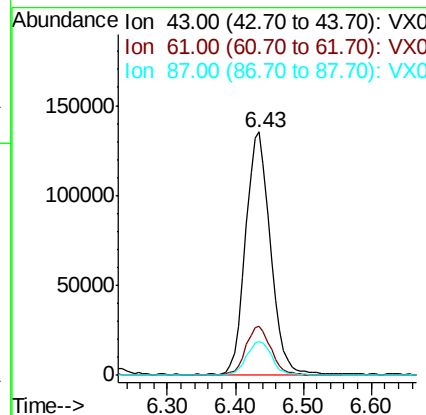
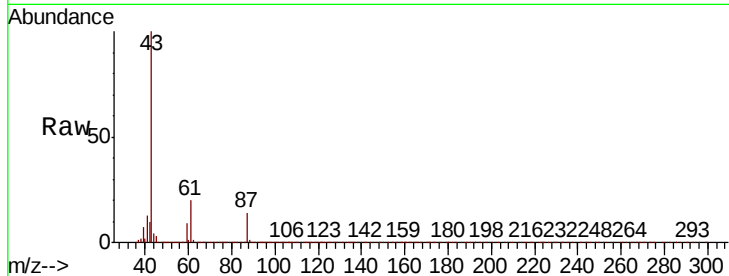
Isopropyl Acetate  
 Concen: 23.219 ug/l  
 RT: 6.43 min Scan# 910  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.9  | 15.8  | 23.8  |
| 87      | 13.7  | 10.4  | 15.6  |

Manual Integrations  
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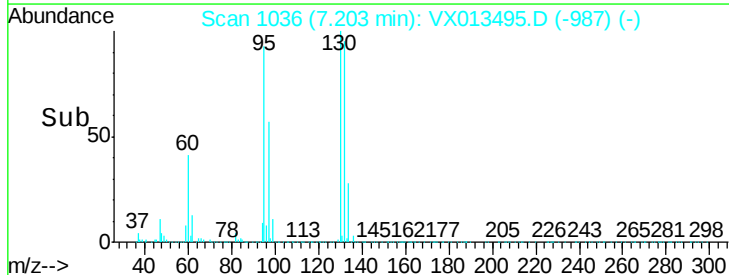
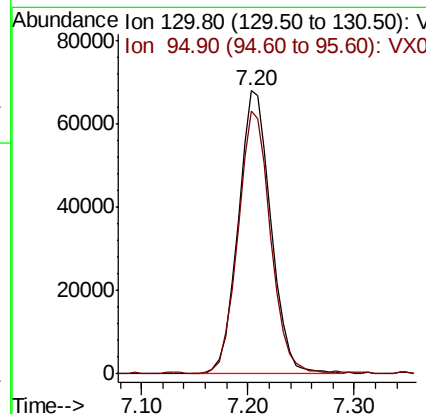
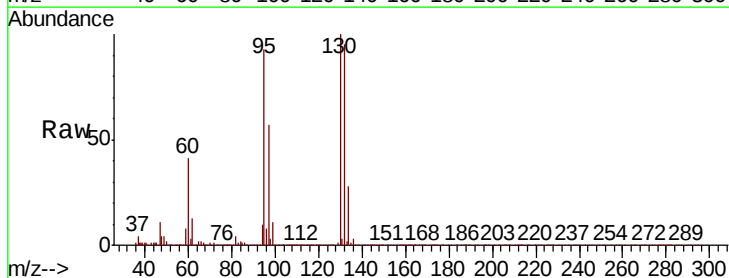
MMDadoda  
 11/22/2019 8:44:44 AM

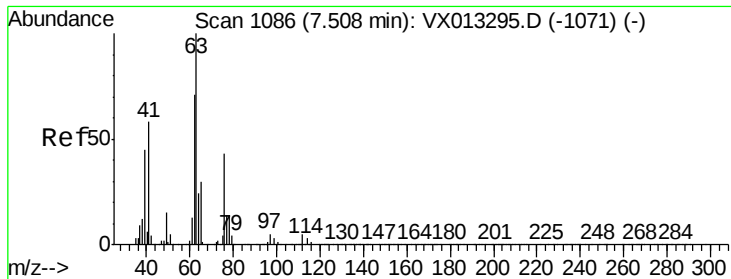


#44

Trichloroethene  
 Concen: 21.653 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.9  | 0.0   | 184.8 |





#45

1,2-Dichloropropane

Concen: 22.295 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 63 Resp: 138007

Ion Ratio Lower Upper

63 100

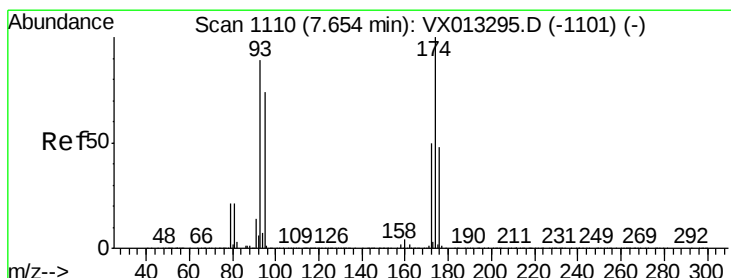
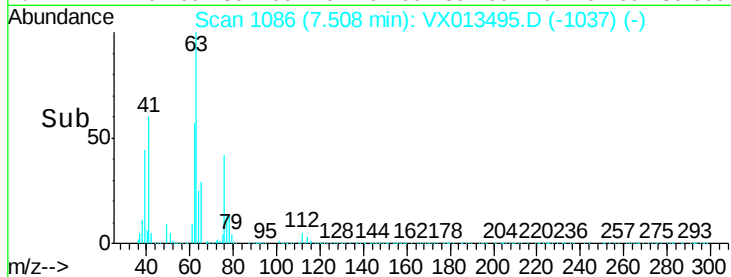
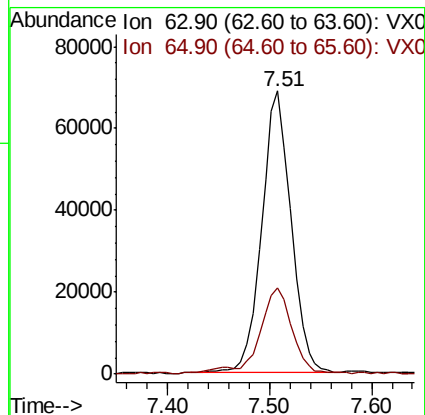
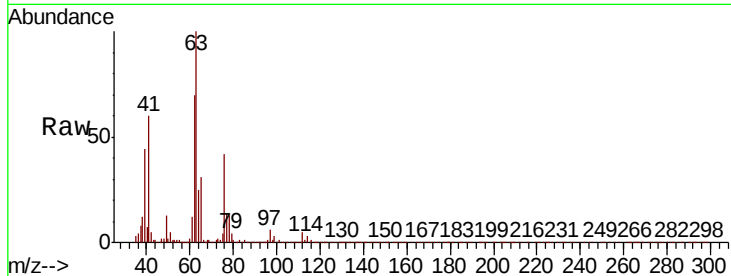
65 30.2 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 22.078 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

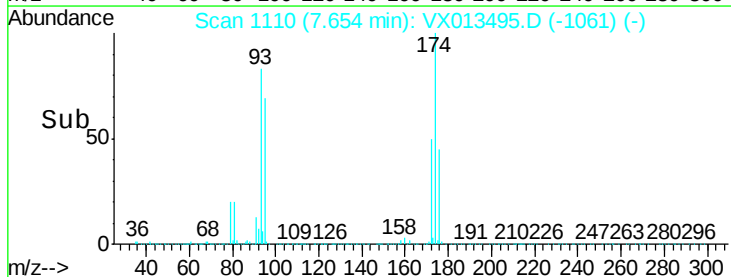
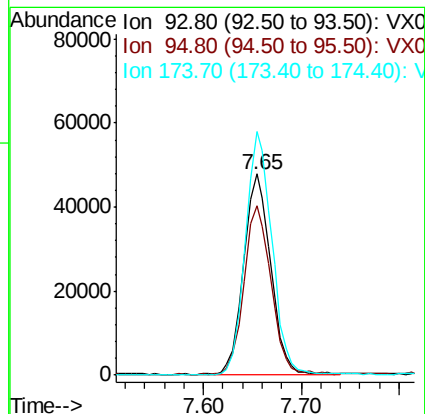
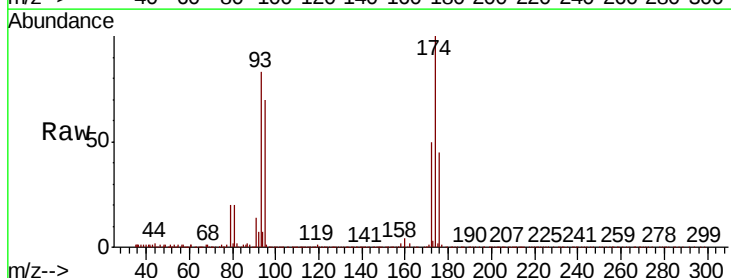
Tgt Ion: 93 Resp: 93310

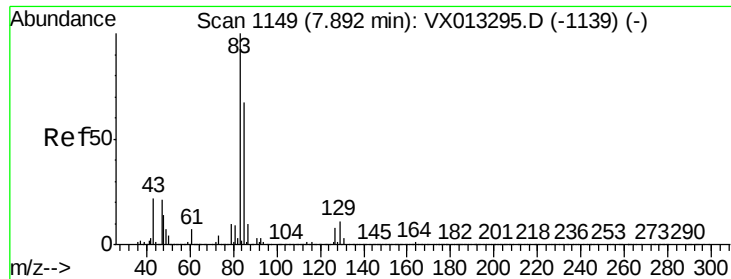
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 117.1 90.4 135.6





#47

Bromodichloromethane

Concen: 23.041 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

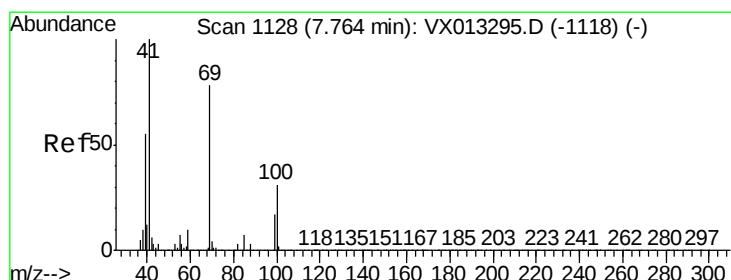
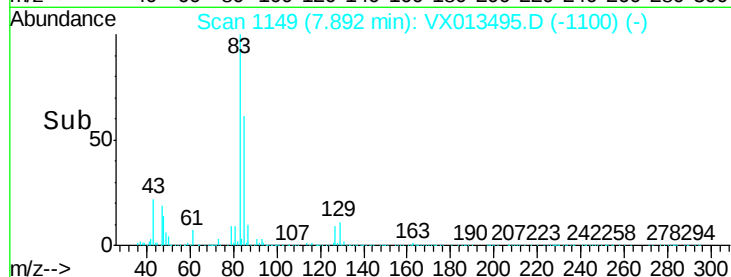
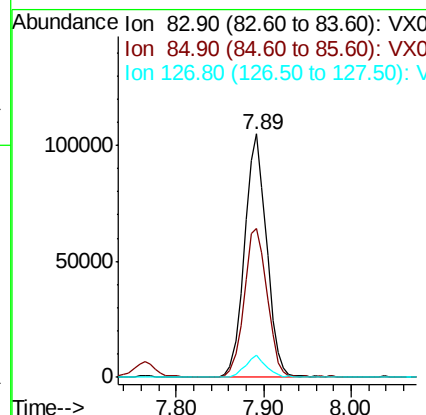
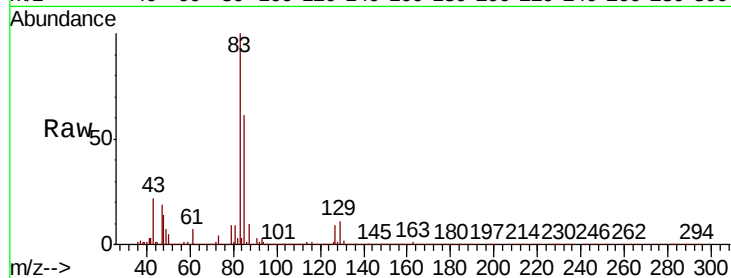
ClientSampleId :

VX1121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 183635 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 61.1  | 53.7  | 80.5   |
| 127       | 8.9   | 6.4   | 9.6    |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 22.773 ug/l

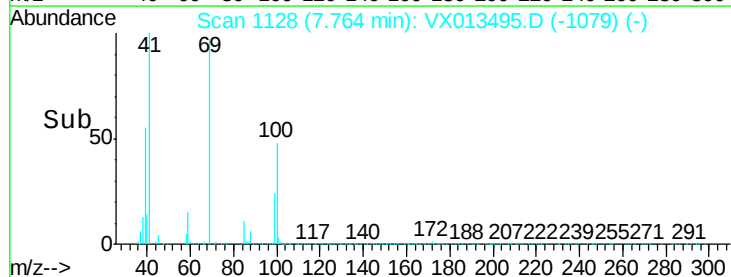
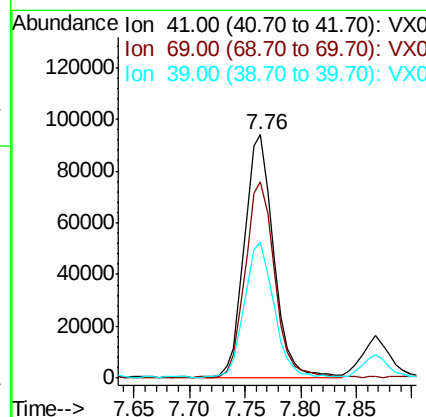
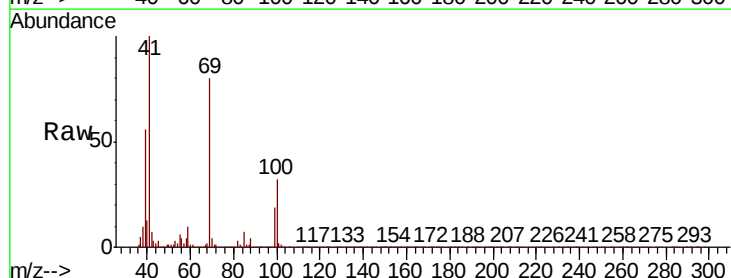
RT: 7.76 min Scan# 1128

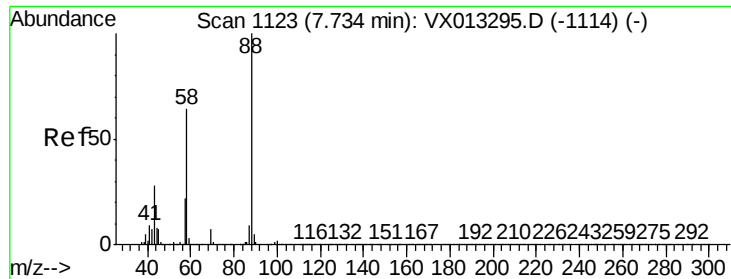
Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 170597 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 81.6  | 63.0  | 94.6   |
| 39        | 56.2  | 45.9  | 68.9   |





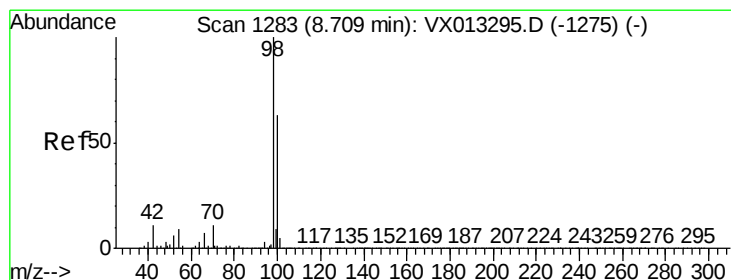
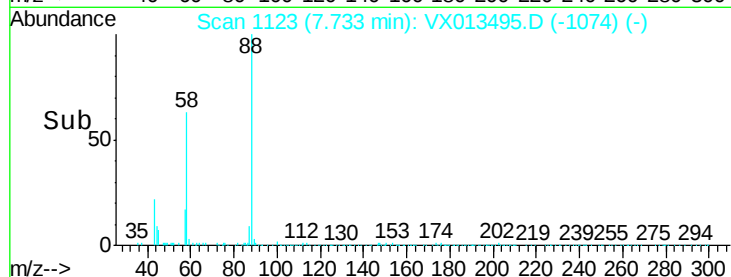
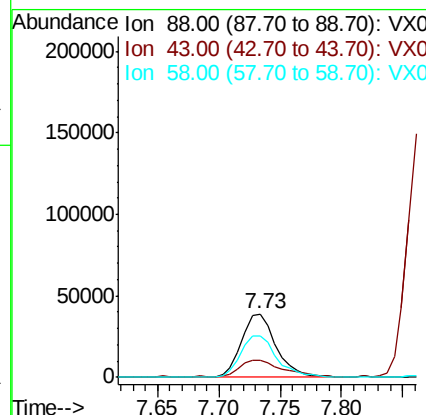
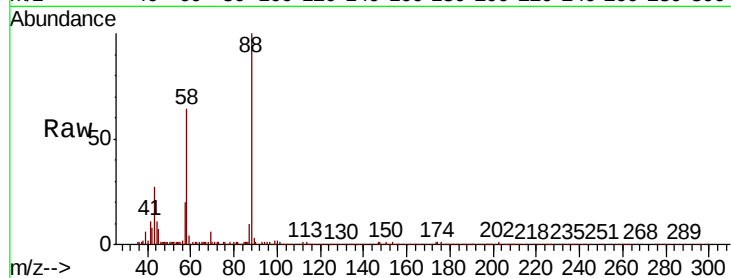
#49  
1,4-Dioxane  
Concen: 438.961 ug/l  
RT: 7.73 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.9  | 26.6  | 39.8  |
| 58      | 71.1  | 55.0  | 82.6  |

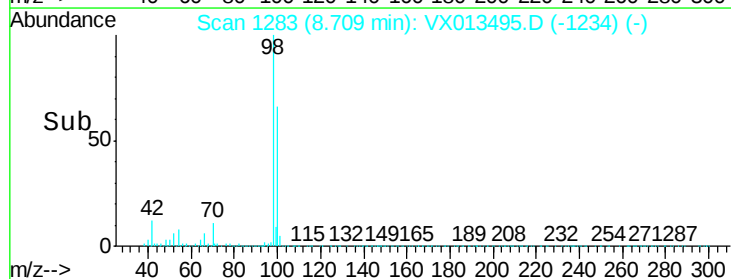
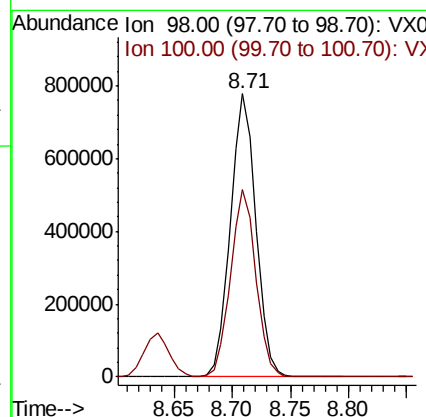
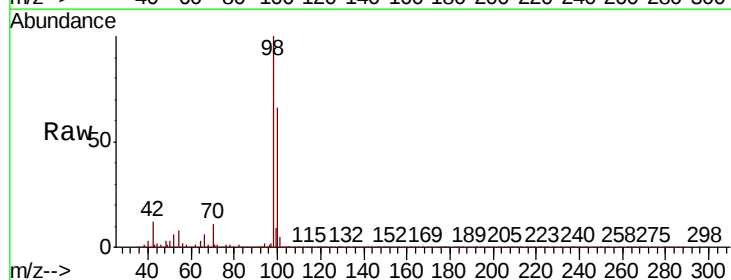
Manual Integrations  
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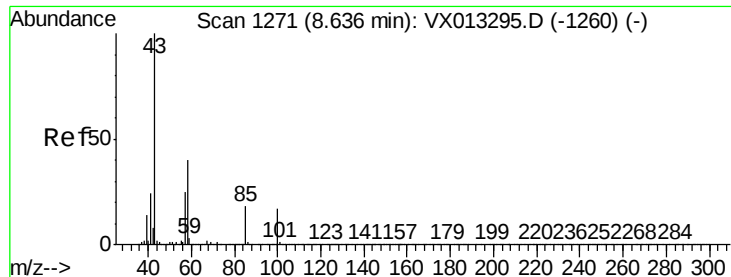
MMDadoda  
11/22/2019 8:44:44 AM



#50  
Toluene-d8  
Concen: 54.886 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.8  | 52.2  | 78.2  |





#51

4-Methyl-2-Pentanone

Concen: 112.642 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 43 Resp: 1109058

Ion Ratio Lower Upper

43 100

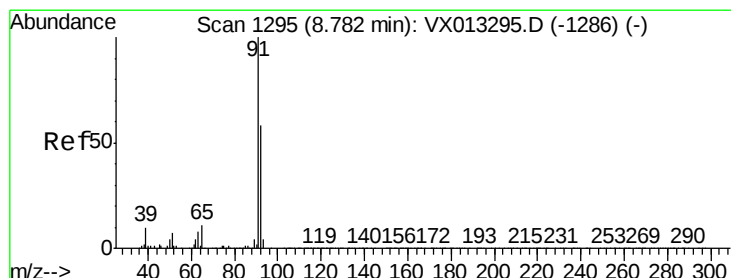
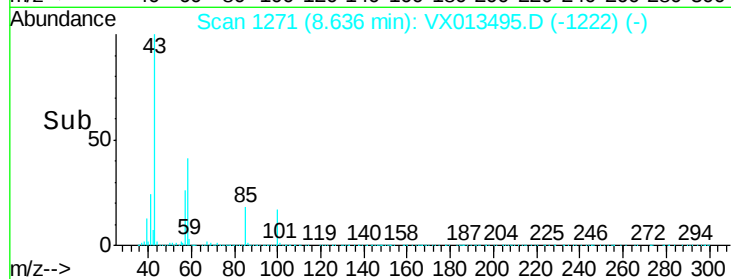
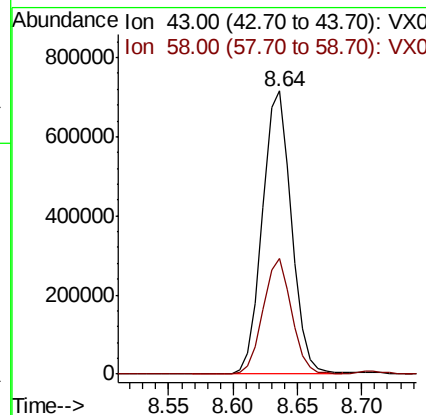
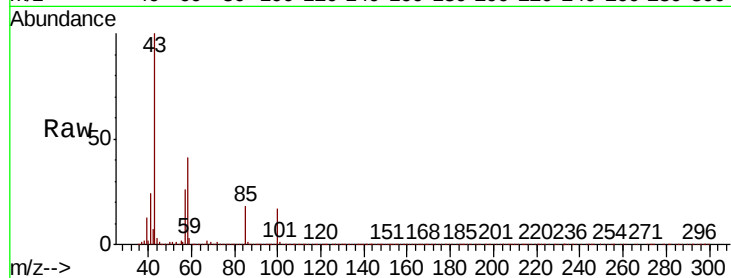
58 40.2 31.4 47.0

Manual Integrations

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11/22/2019 8:44:44 AM



#52

Toluene

Concen: 22.793 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013495.D

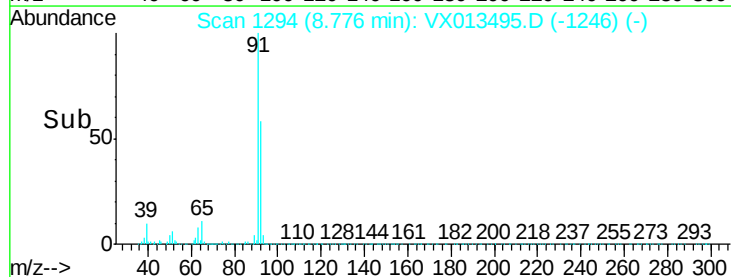
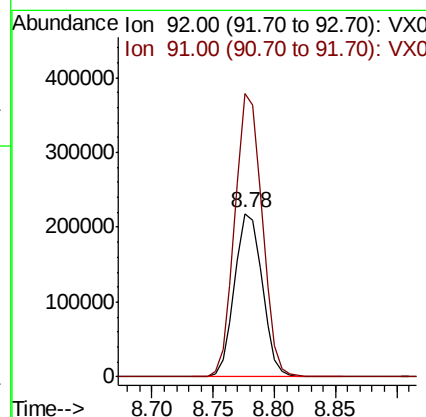
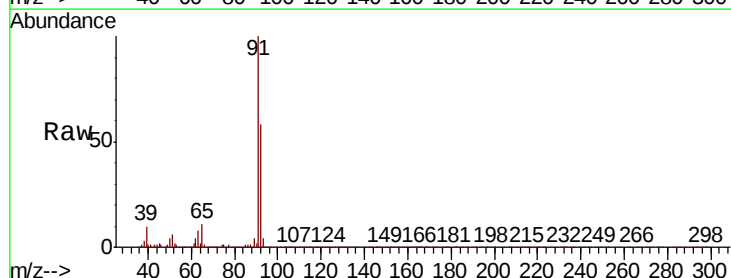
Acq: 21 Nov 2019 12:07

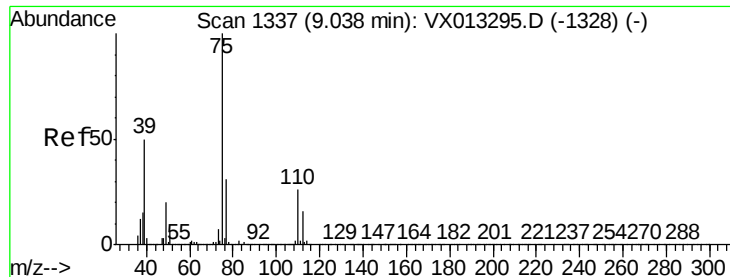
Tgt Ion: 92 Resp: 343201

Ion Ratio Lower Upper

92 100

91 170.7 138.0 207.0





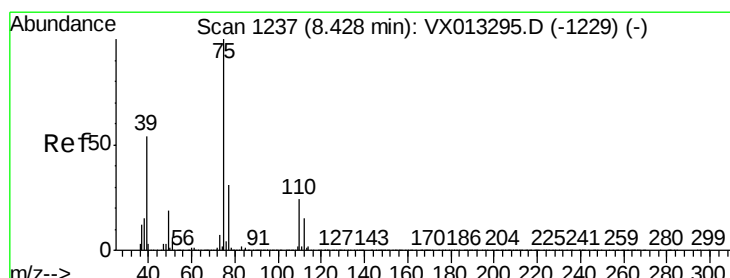
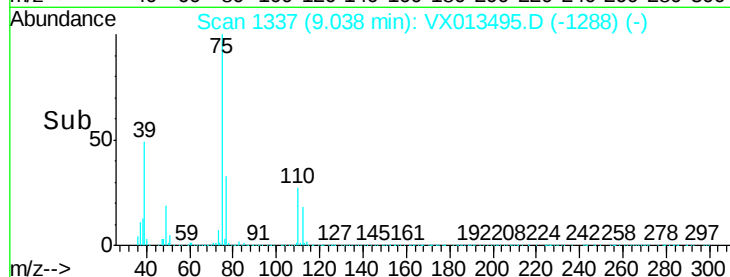
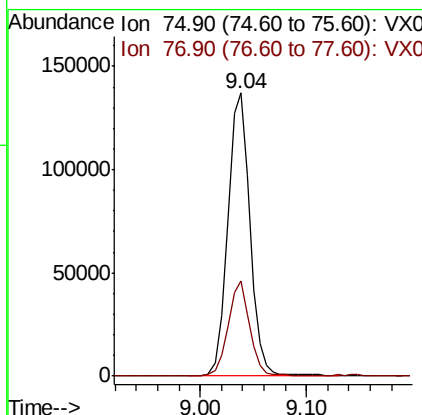
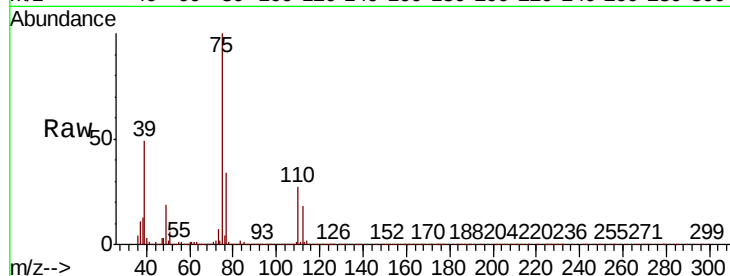
#53  
t-1,3-Dichloropropene  
Concen: 22.926 ug/l  
RT: 9.04 min Scan# 1337  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.3  | 25.0  | 37.4  |

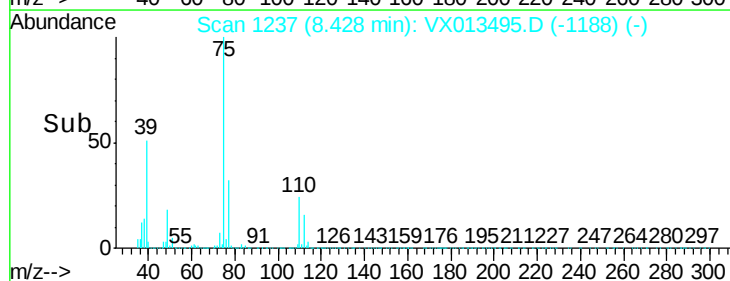
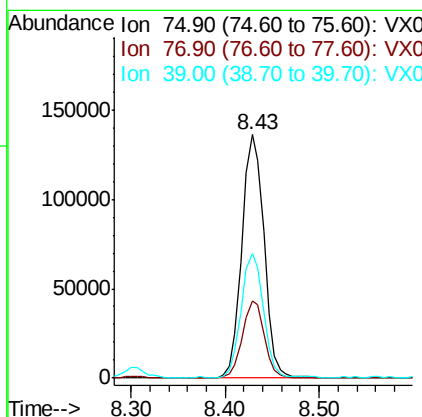
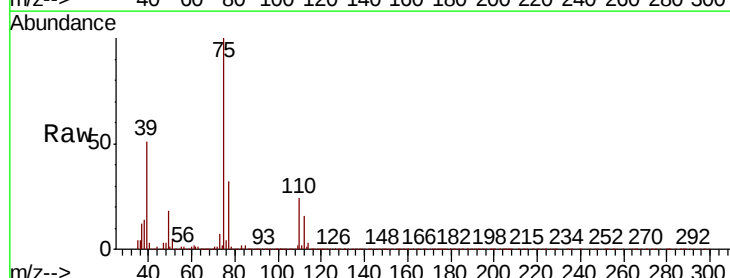
Manual Integrations  
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#54  
cis-1,3-Dichloropropene  
Concen: 22.965 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.8  | 24.7  | 37.1  |
| 39      | 50.7  | 43.0  | 64.6  |





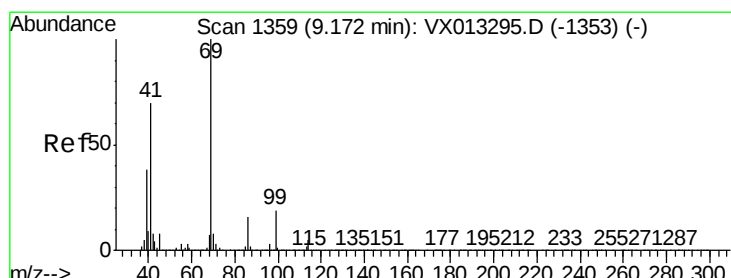
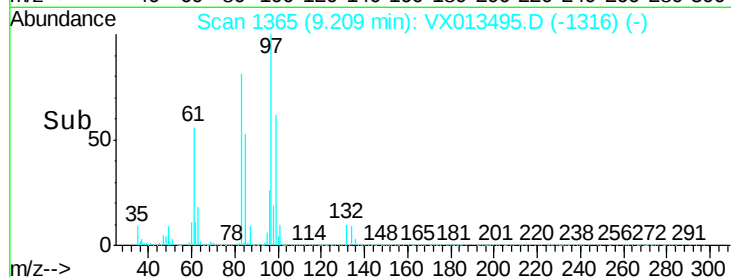
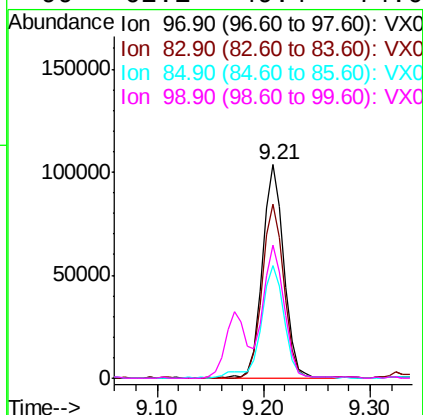
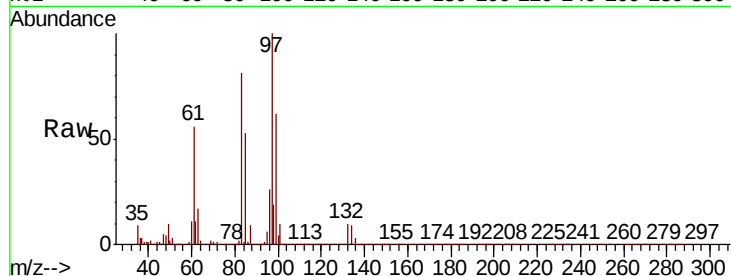
#55  
 1,1,2-Trichloroethane  
 Concen: 23.695 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1121WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       |       |       |       |
| 83      | 81.3 | 68.6  | 103.0 |       |       |
| 85      | 52.2 | 43.1  | 64.7  |       |       |
| 99      | 62.1 | 49.4  | 74.0  |       |       |

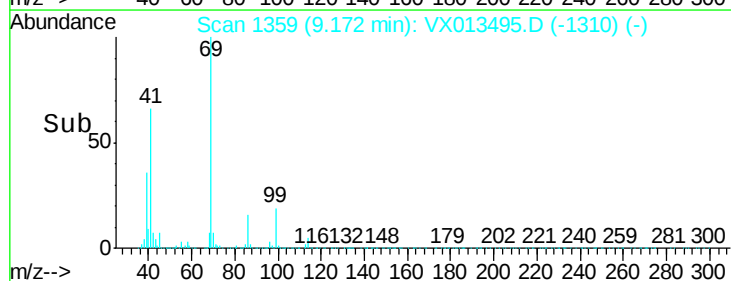
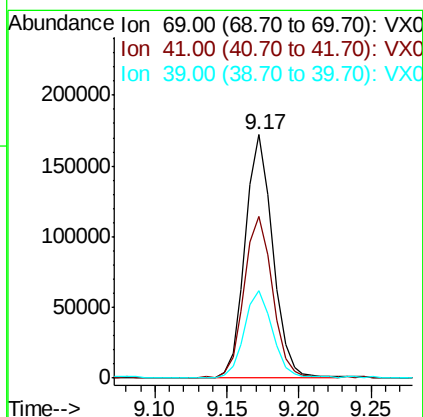
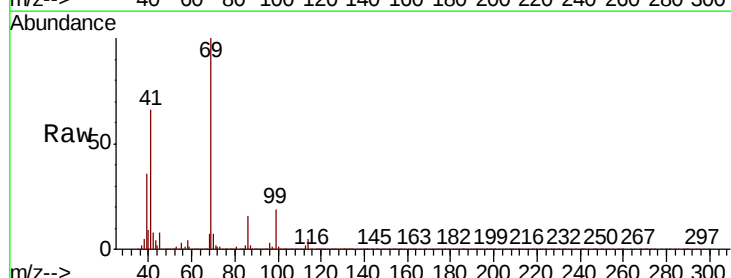
Manual Integrations  
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#56  
 Ethyl methacrylate  
 Concen: 22.249 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 69      | 100  |       |      |       |       |
| 41      | 68.3 | 56.2  | 84.2 |       |       |
| 39      | 36.2 | 31.1  | 46.7 |       |       |





#57

1,3-Dichloropropane

Concen: 23.120 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 76 Resp: 244946

Ion Ratio Lower Upper

76 100

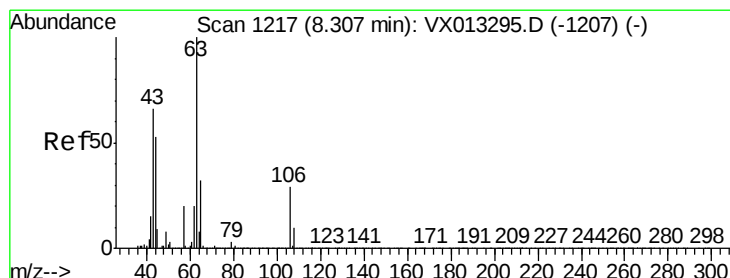
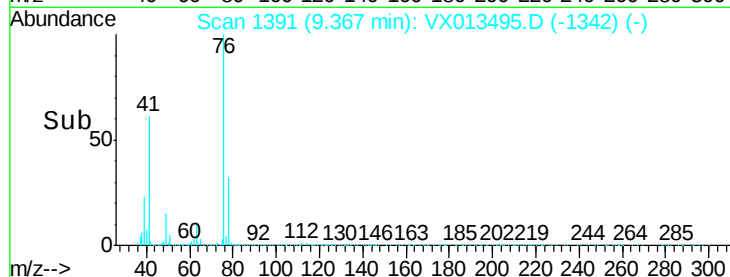
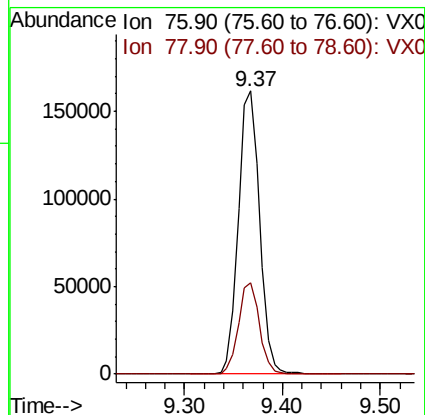
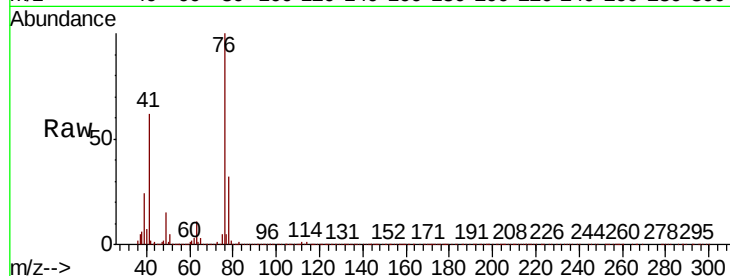
78 32.2 25.8 38.6

Manual Integrations

APPROVED

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11/22/2019 8:44:44 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.786 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013495.D

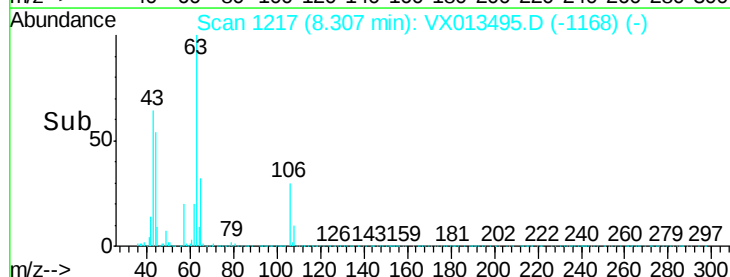
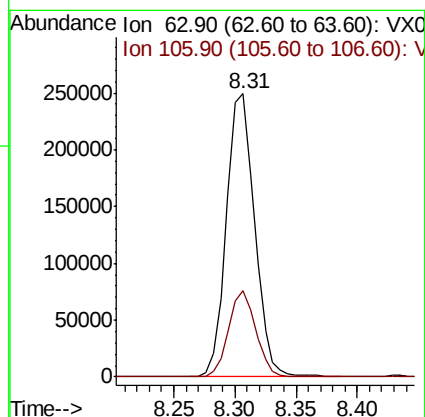
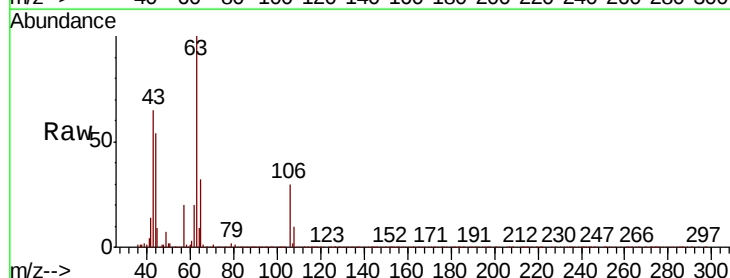
Acq: 21 Nov 2019 12:07

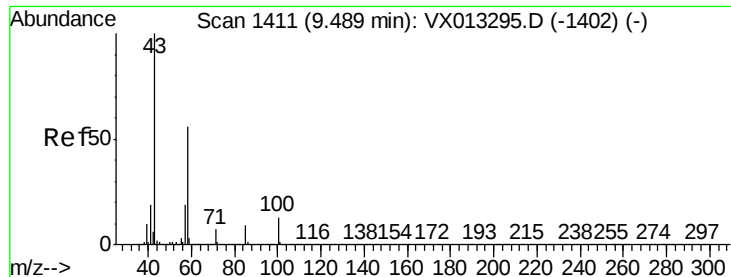
Tgt Ion: 63 Resp: 395958

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2





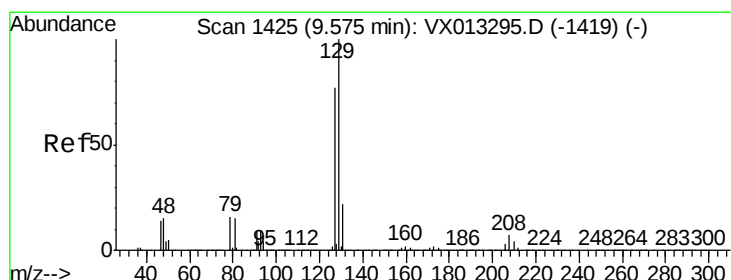
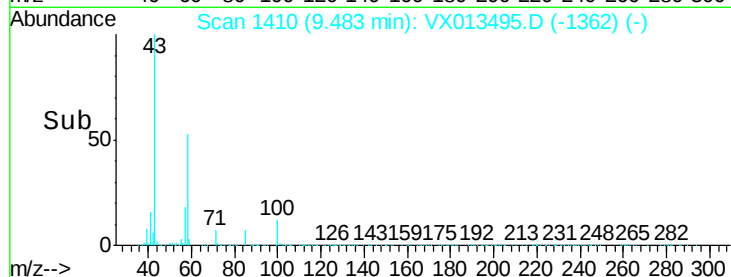
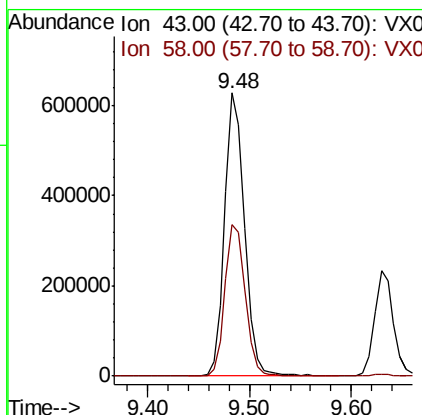
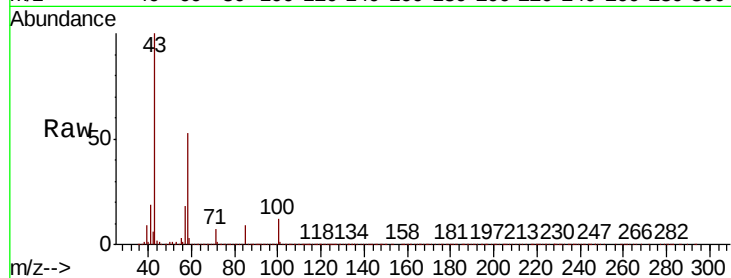
#59  
2-Hexanone  
Concen: 111.749 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

Tot Ion: 43 Resp: 850264  
Ion Ratio Lower Upper  
43 100  
58 55.2 27.3 81.8

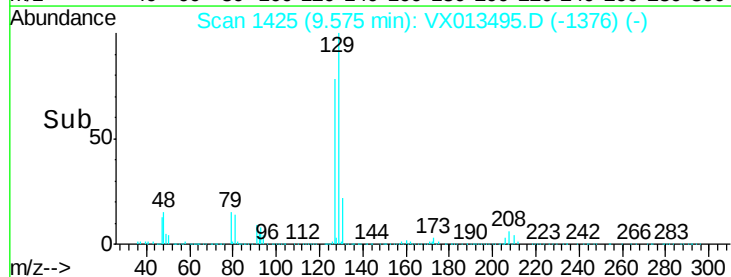
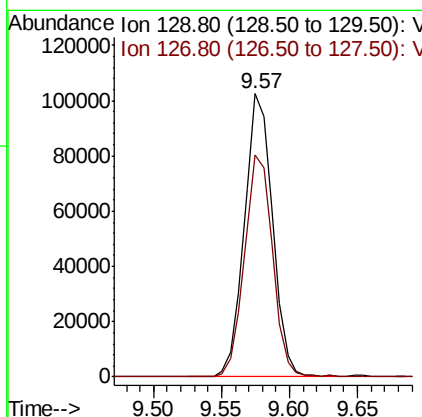
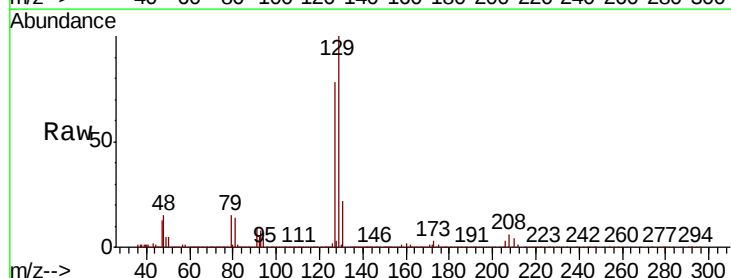
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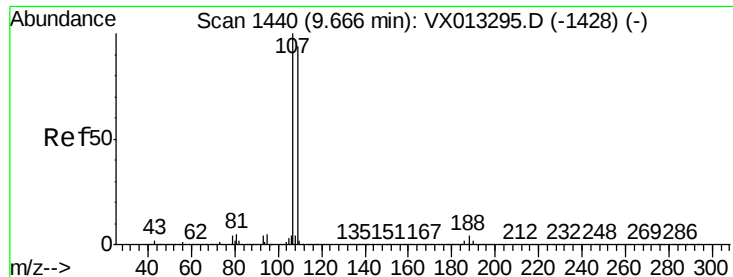
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 23.363 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Tgt Ion: 129 Resp: 149127  
Ion Ratio Lower Upper  
129 100  
127 78.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.785 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 107 Resp: 151007

Ion Ratio Lower Upper

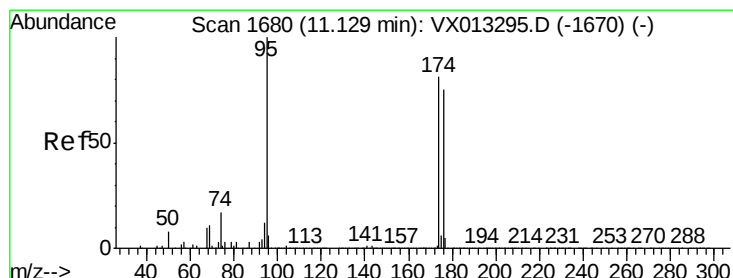
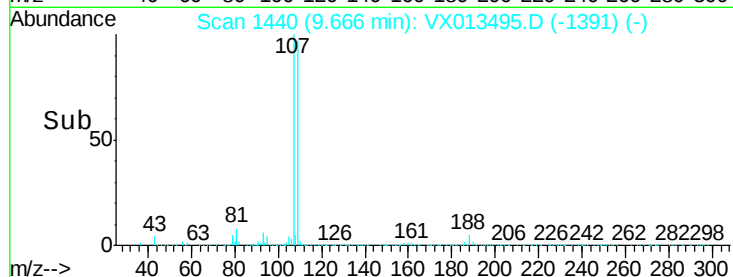
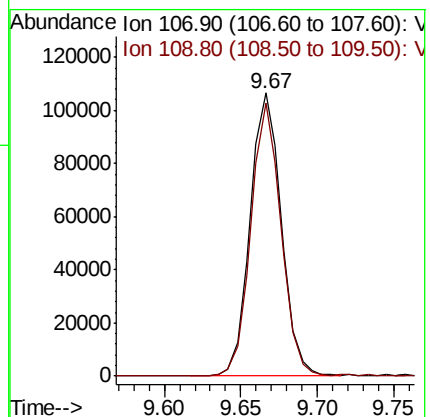
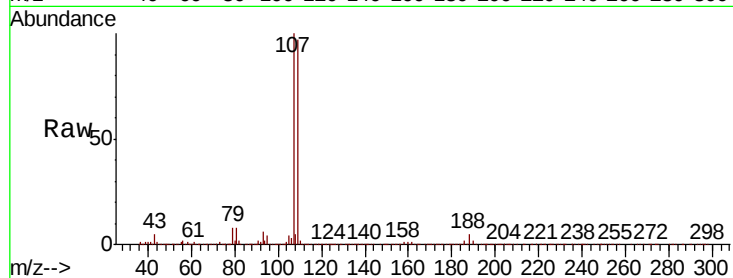
107 100

109 93.0 75.1 112.7

Manual Integrations  
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11/22/2019 8:44:44 AM



#62

4-Bromofluorobenzene

Concen: 54.336 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

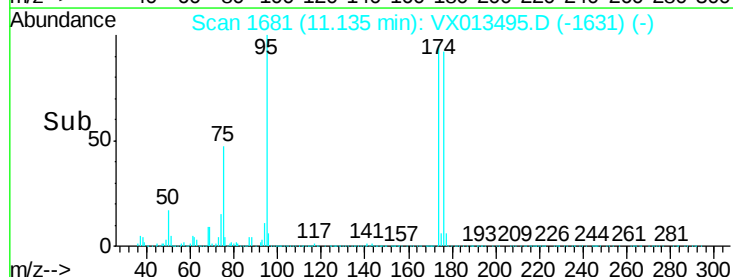
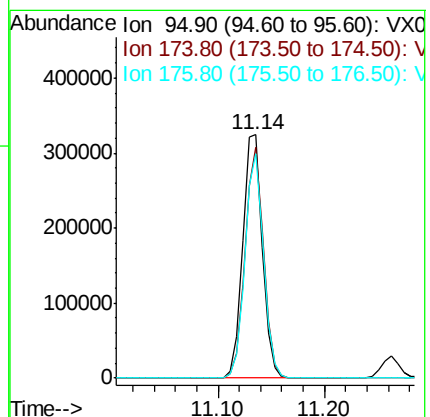
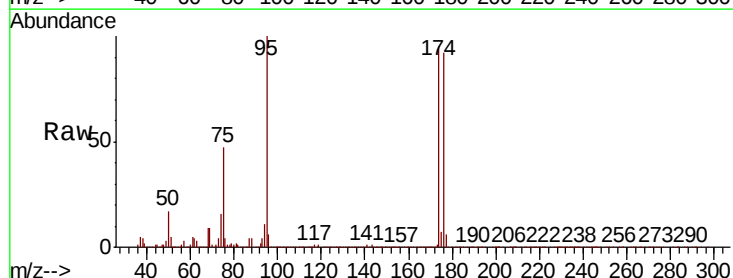
Tgt Ion: 95 Resp: 421552

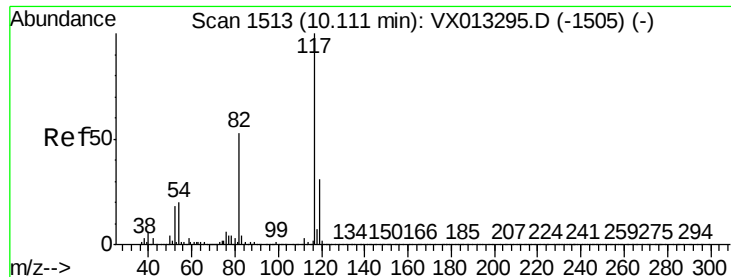
Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.8

176 87.1 0.0 173.0





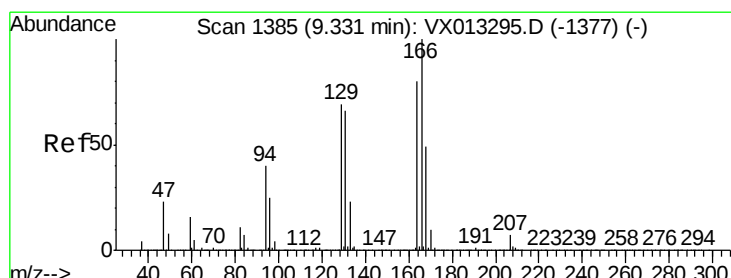
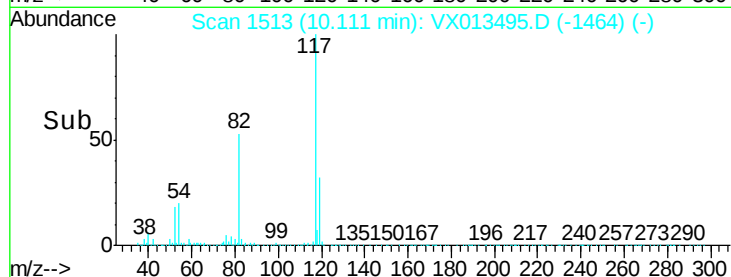
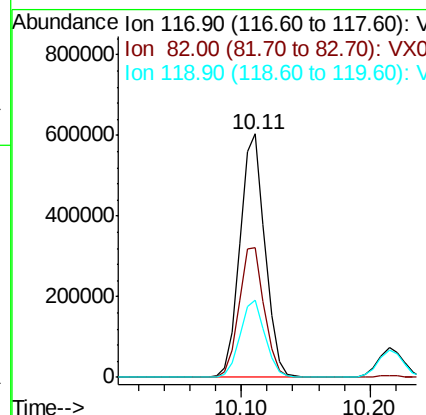
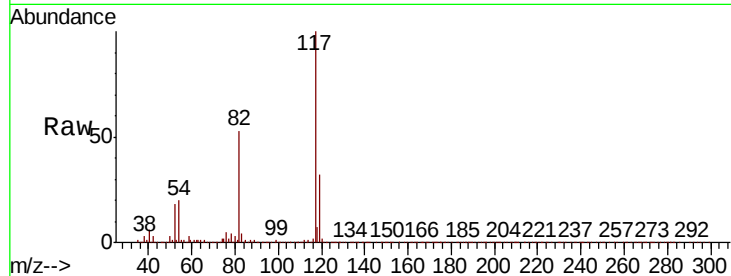
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.1  | 42.6  | 64.0  |
| 119     | 31.7  | 24.8  | 37.2  |

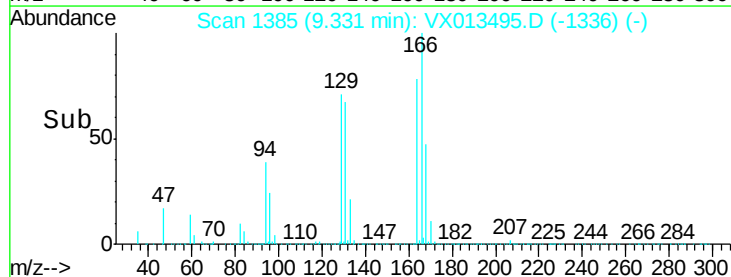
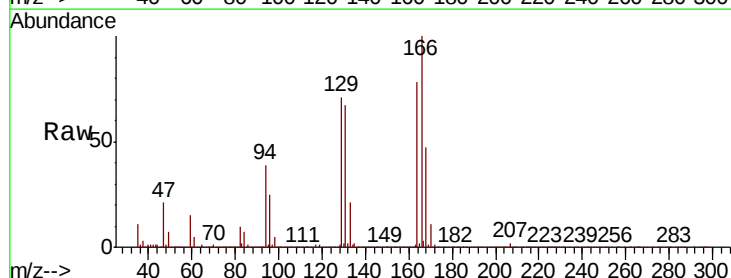
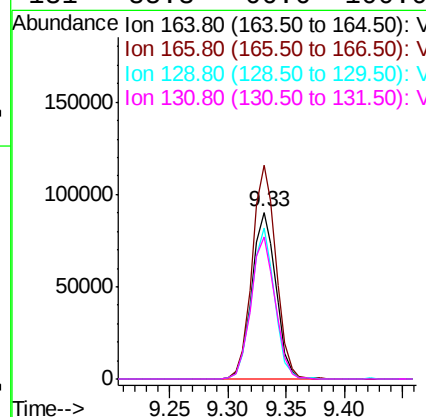
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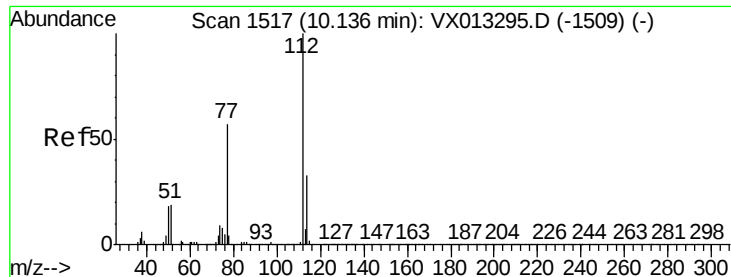
MMDadoda  
11/22/2019 8:44:44 AM



#64  
Tetrachloroethene  
Concen: 22.672 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.9 | 100.4 | 150.6 |
| 129     | 90.1  | 69.4  | 104.2 |
| 131     | 85.3  | 66.6  | 100.0 |





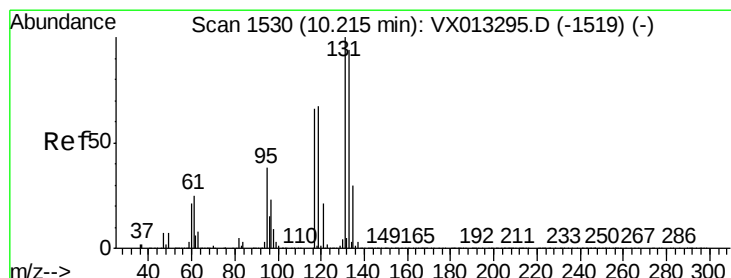
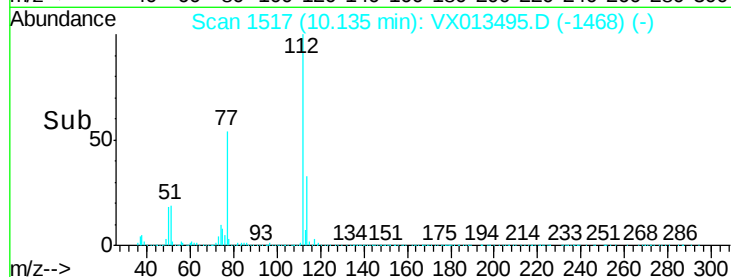
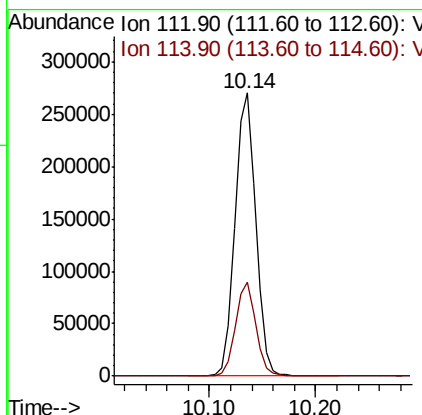
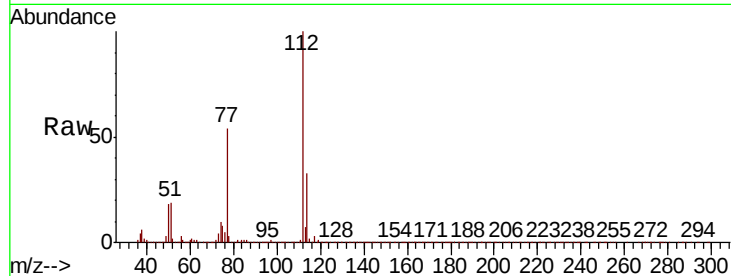
#65  
Chlorobenzene  
Concen: 22.551 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 33.3  | 26.4  | 39.6  |

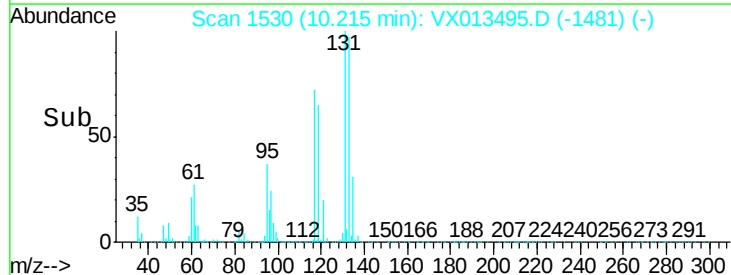
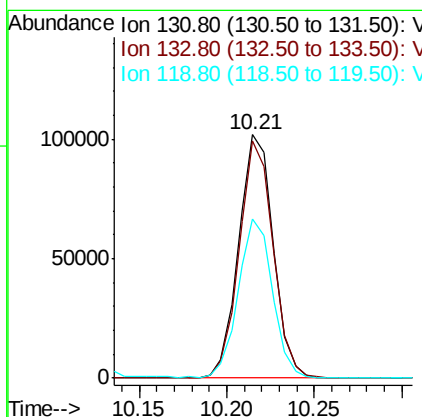
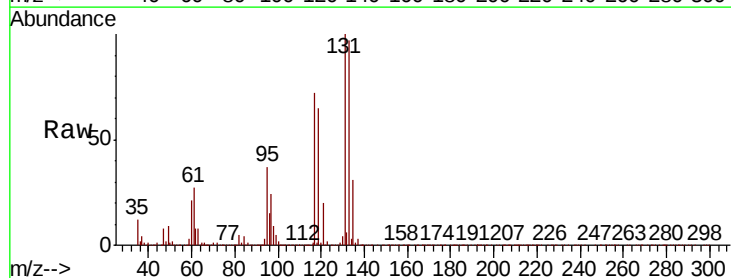
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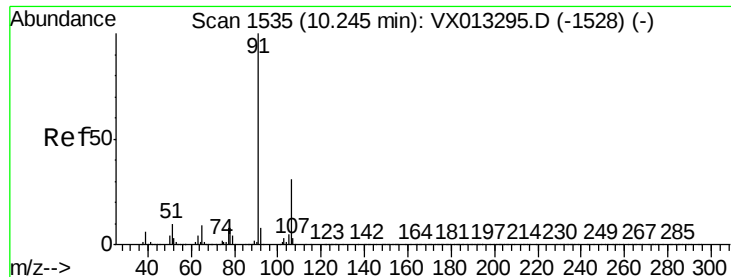
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.214 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.4  | 48.0  | 144.0 |
| 119     | 65.1  | 33.0  | 99.0  |





#67

Ethyl Benzene

Concen: 22.612 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 91 Resp: 640892

Ion Ratio Lower Upper

91 100

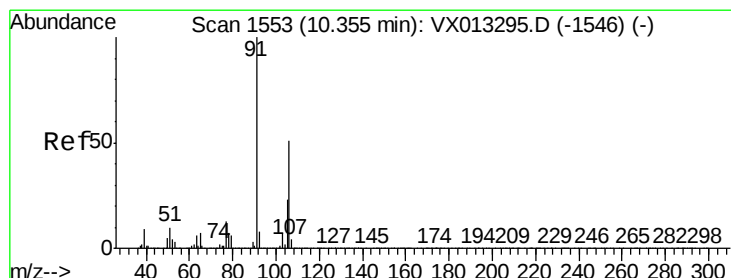
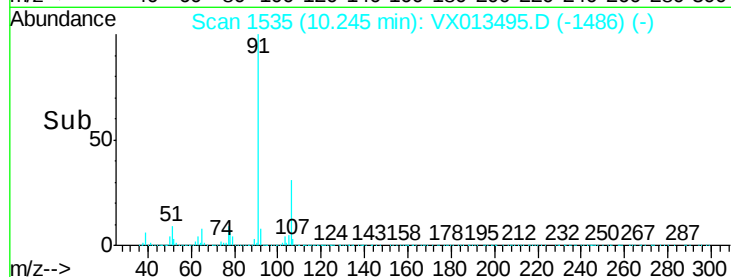
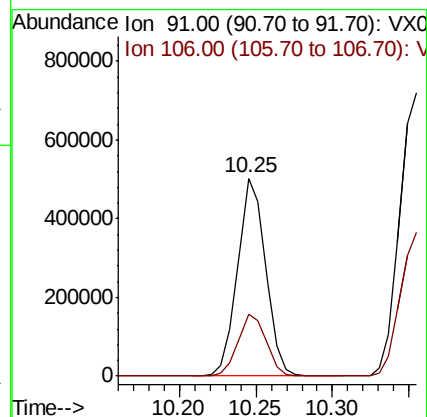
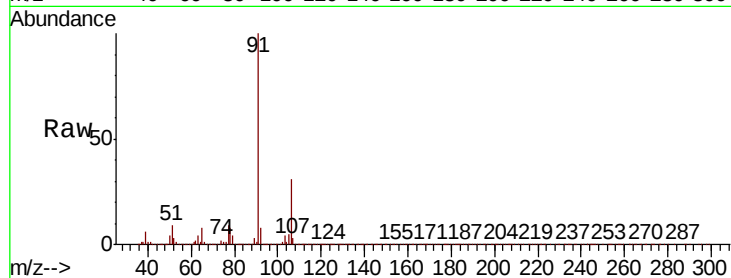
106 31.2 24.6 36.8

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#68

m/p-Xylenes

Concen: 44.851 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013495.D

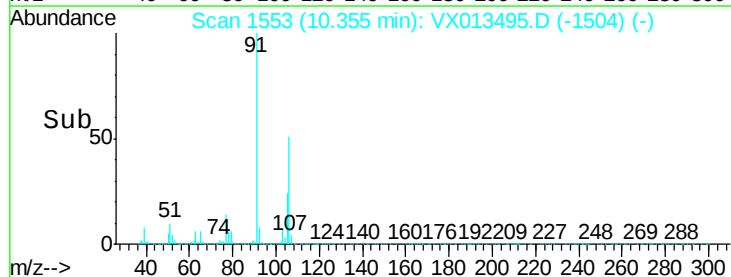
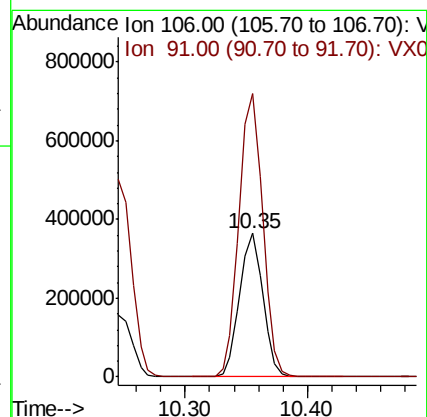
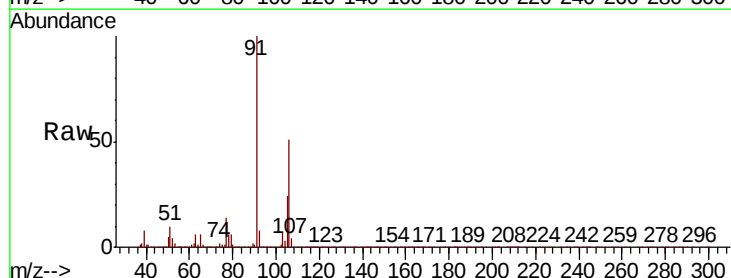
Acq: 21 Nov 2019 12:07

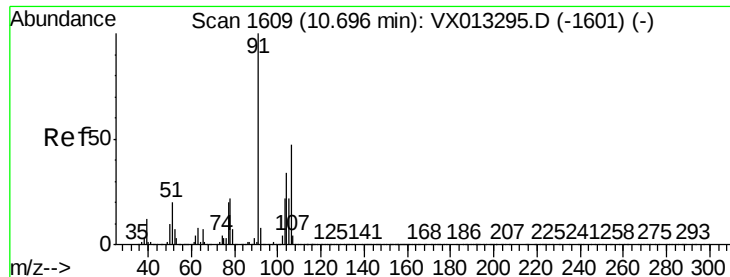
Tgt Ion: 106 Resp: 480752

Ion Ratio Lower Upper

106 100

91 201.0 159.3 238.9





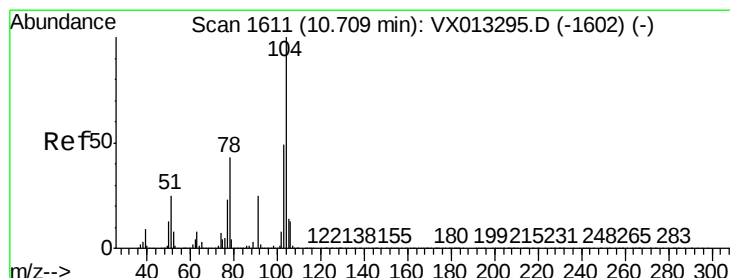
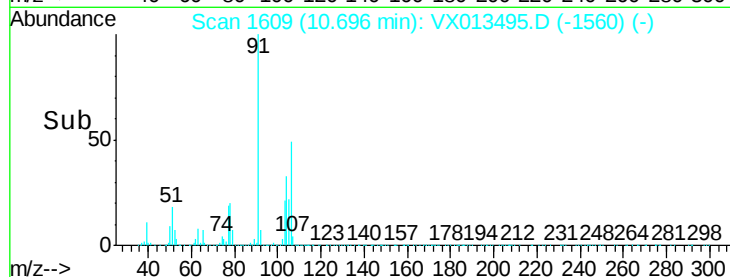
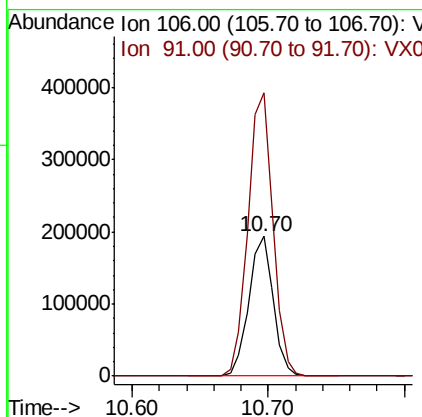
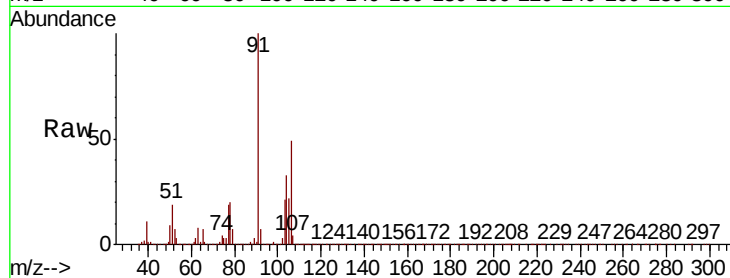
#69  
o-Xylene  
Concen: 23.243 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 207.8 | 105.7 | 317.0 |

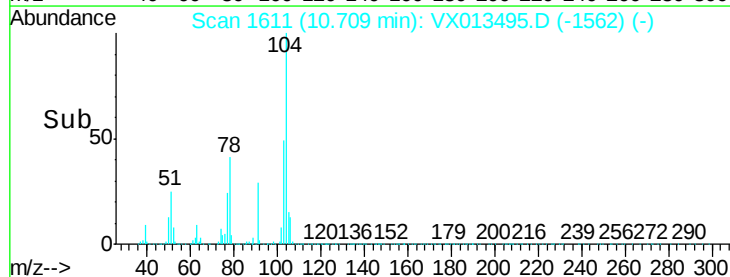
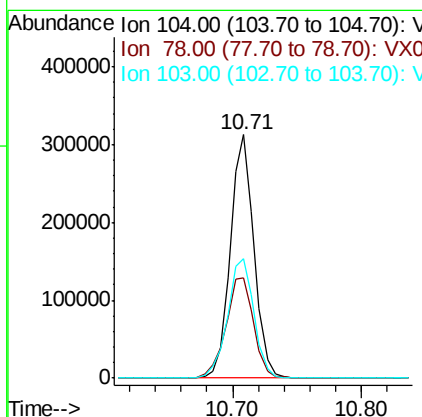
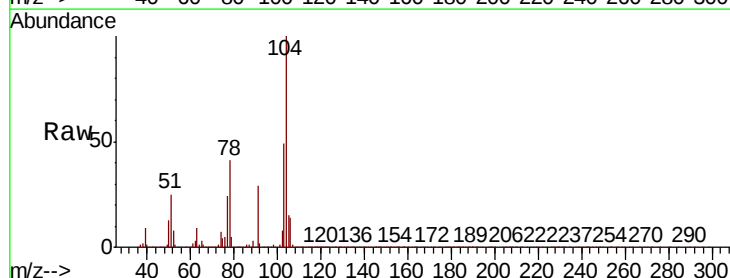
Manual Integrations  
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11/22/2019 8:44:44 AM



#70  
Styrene  
Concen: 22.887 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.8  | 40.0  | 60.0  |
| 103     | 55.1  | 44.1  | 66.1  |





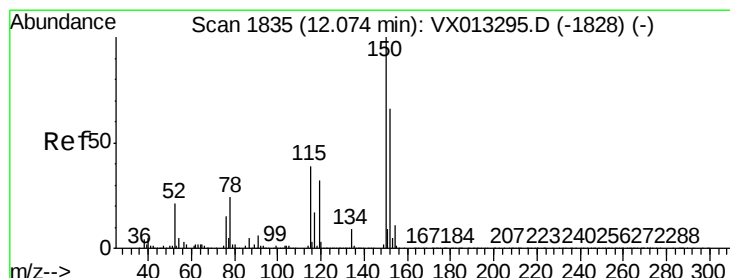
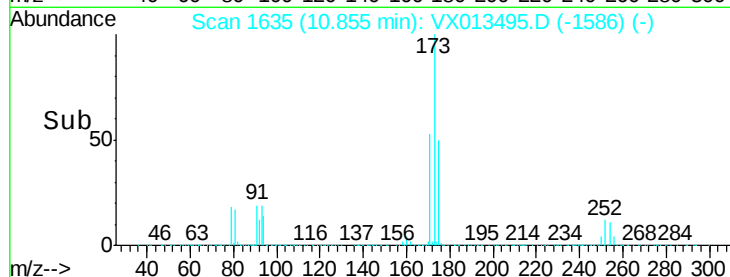
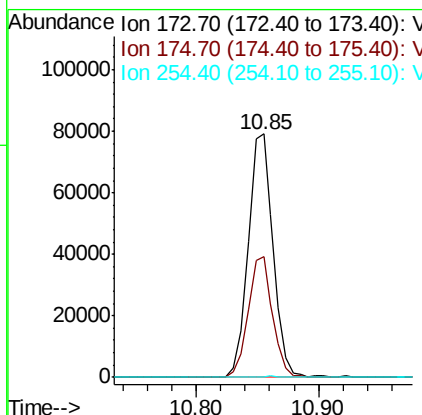
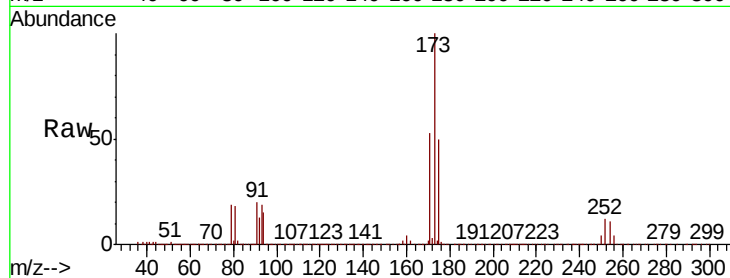
#71  
Bromoform  
Concen: 21.831 ug/l  
RT: 10.85 min Scan# 1635  
Delta R.T. 0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

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

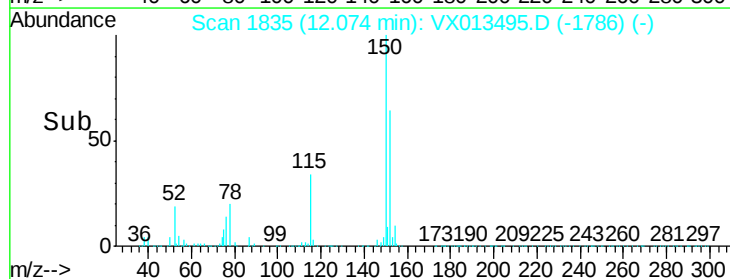
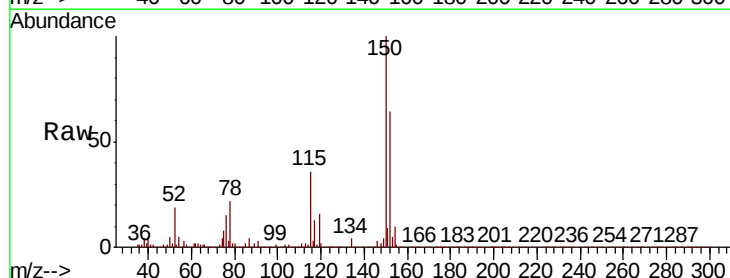
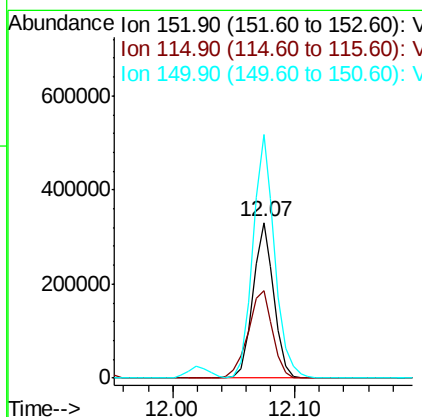
Manual Integrations  
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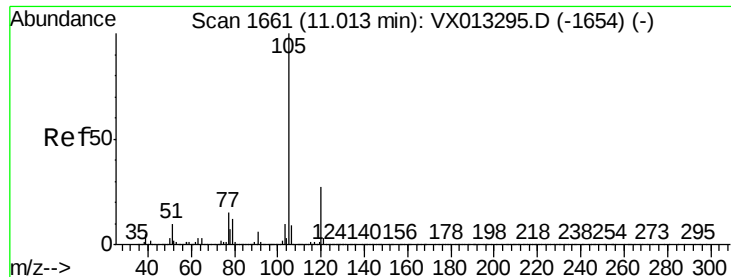
MMDadoda  
11/22/2019 8:44:44 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 66.3  | 39.5  | 118.3 |
| 150     | 164.9 | 0.0   | 344.4 |





#73

Isopropylbenzene

Concen: 24.770 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

ClientSampleId :

VX1121WBS01

Tot Ion: 105 Resp: 640121

Ion Ratio Lower Upper

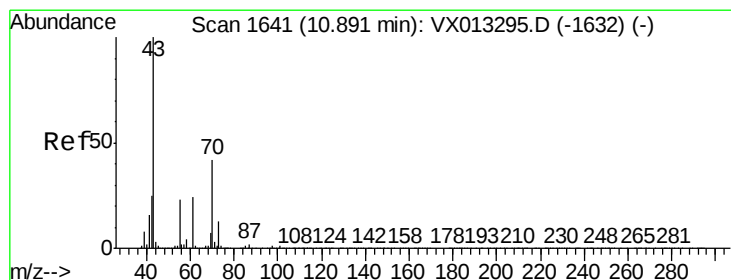
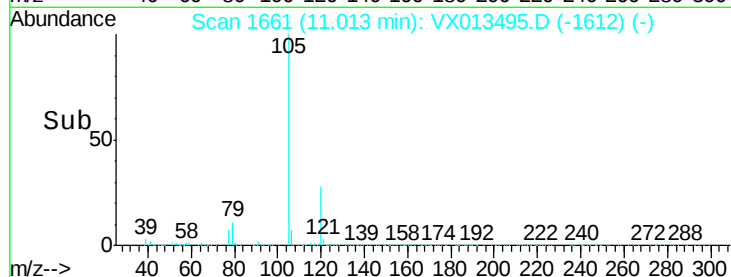
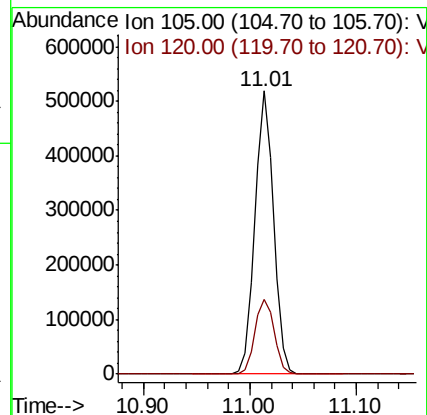
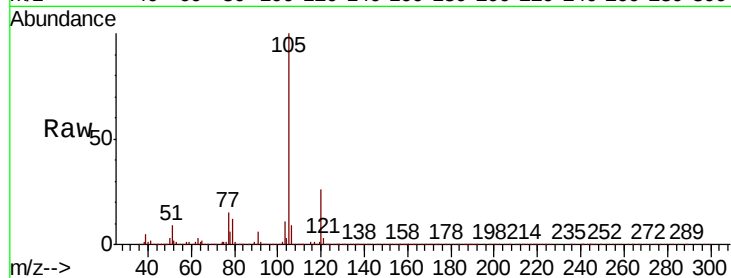
105 100

120 27.3 13.5 40.5

Manual Integrations  
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#74

N-ethyl acetate

Concen: 24.681 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Tgt Ion: 43 Resp: 295778

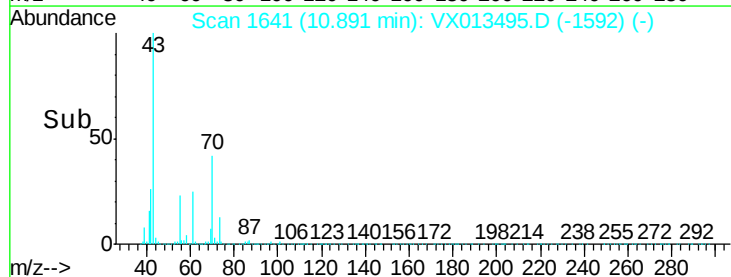
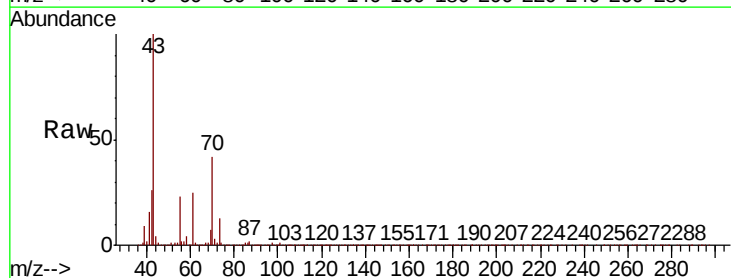
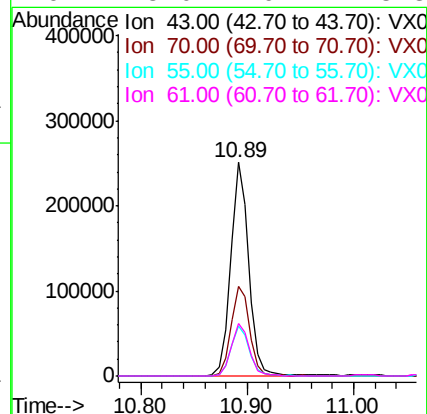
Ion Ratio Lower Upper

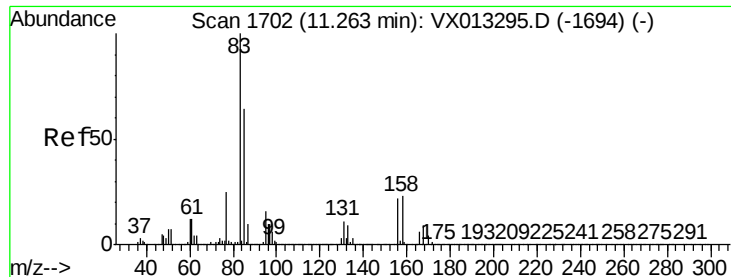
43 100

70 44.0 34.1 51.1

55 24.5 18.9 28.3

61 25.0 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 24.826 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

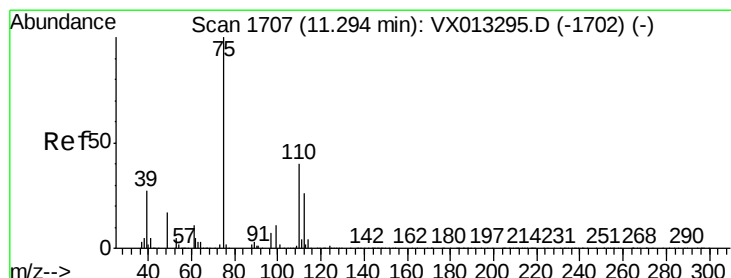
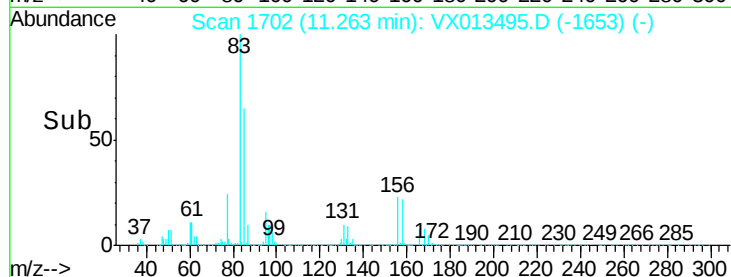
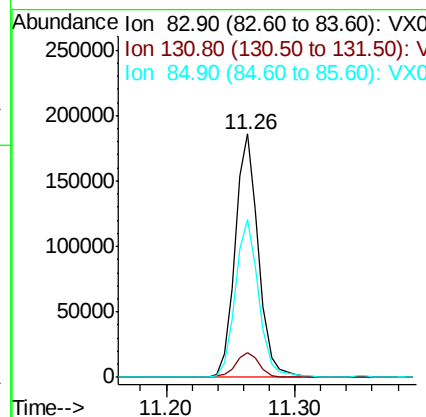
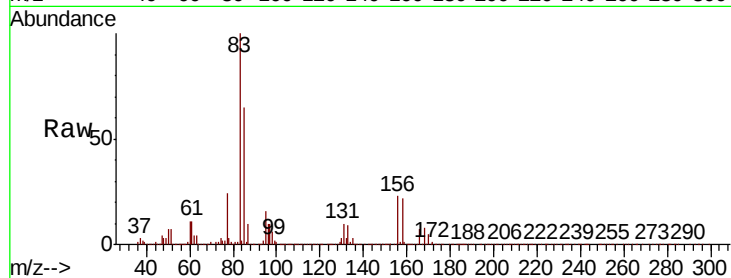
ClientSampleId :

VX1121WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 83   | Resp: | 234050 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 131       | 10.4 | 5.1   | 15.3   |
| 85        | 65.3 | 32.3  | 96.8   |

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#76

1,2,3-Trichloropropane

Concen: 27.329 ug/l m

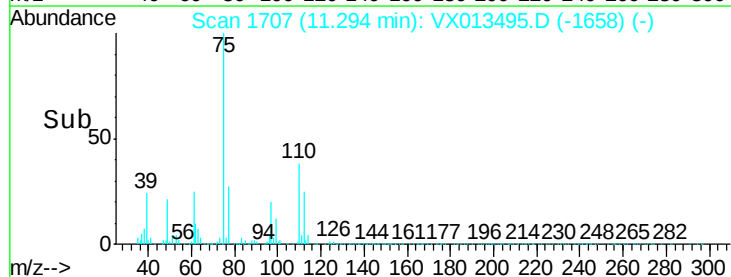
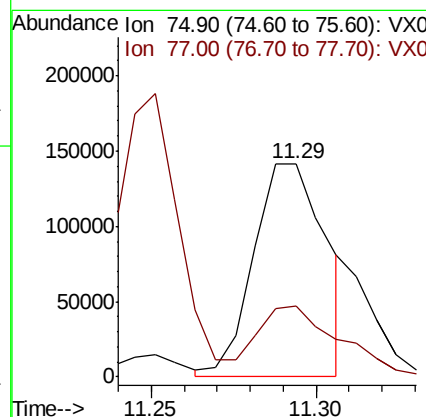
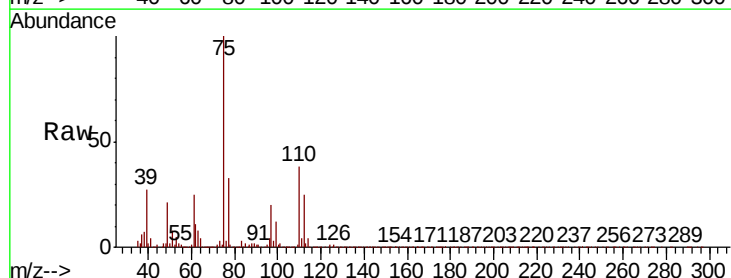
RT: 11.29 min Scan# 1707

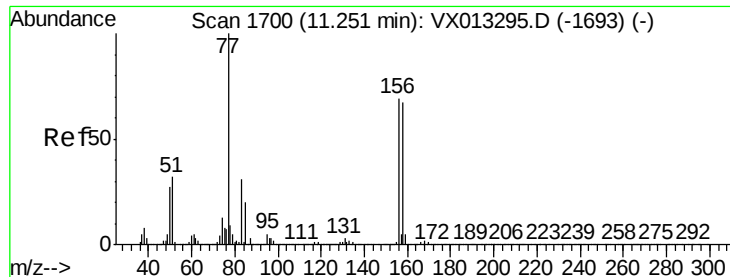
Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 75   | Resp: | 216357 |
| Ion Ratio |      | Lower | Upper  |
| 75        | 100  |       |        |
| 77        | 36.7 | 22.3  | 66.8   |





#77

Bromobenzene

Concen: 24.557 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

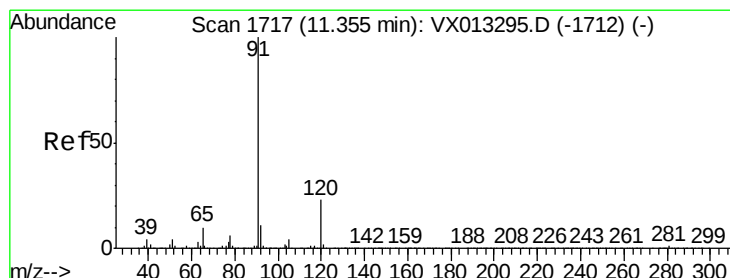
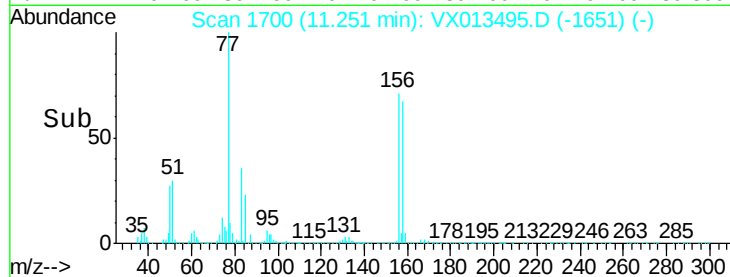
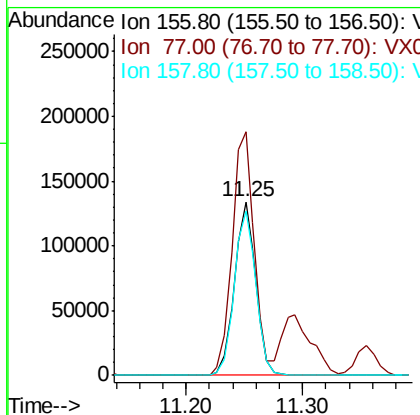
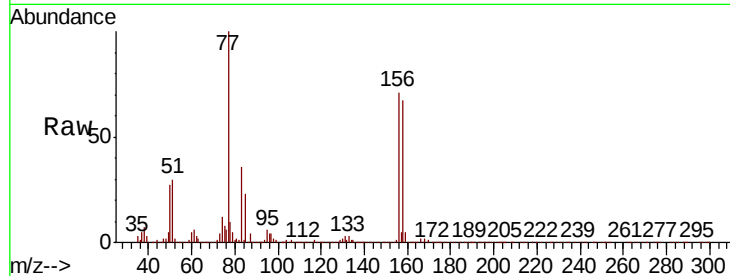
ClientSampleId :

VX1121WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 169184 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 144.5 | 75.8  | 227.4  |
| 158       | 97.1  | 47.6  | 142.8  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 24.419 ug/l

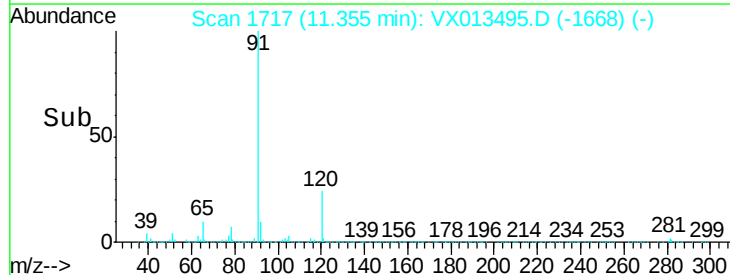
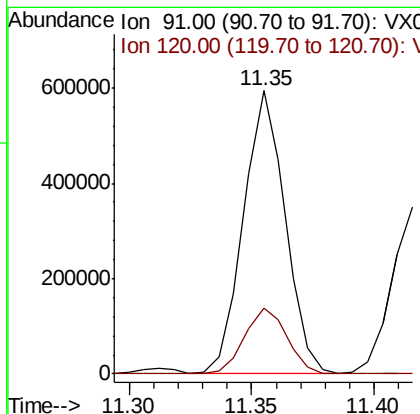
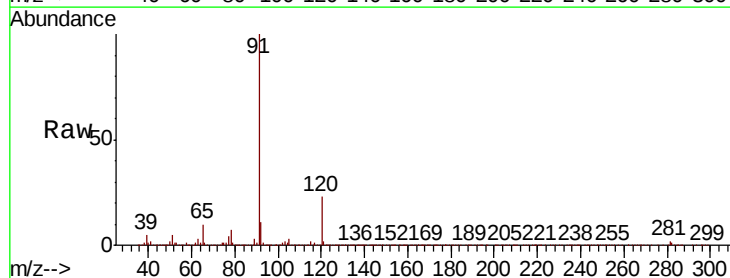
RT: 11.35 min Scan# 1717

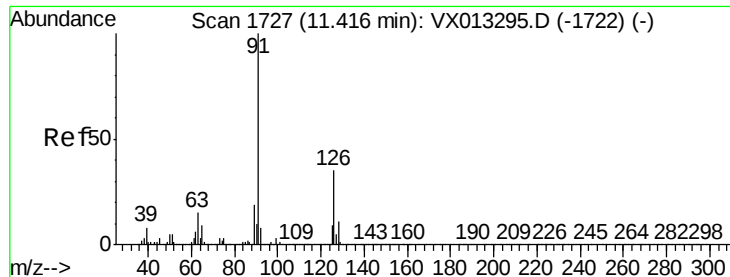
Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 702957 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.9  | 11.6  | 34.8   |





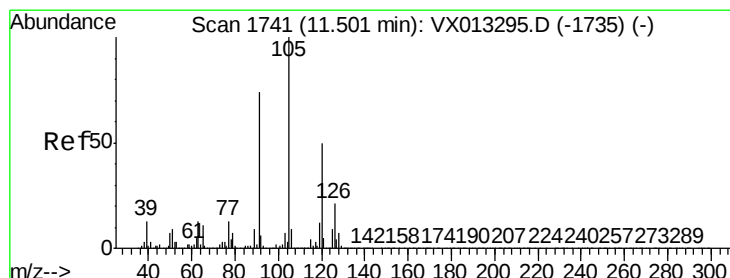
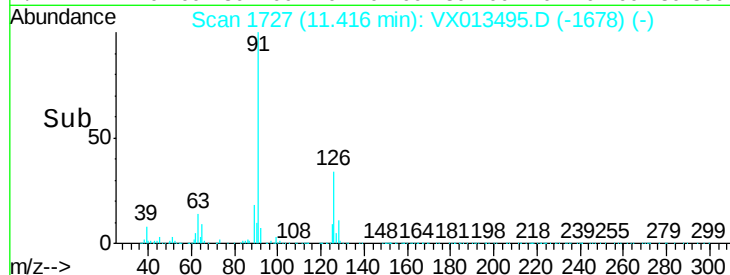
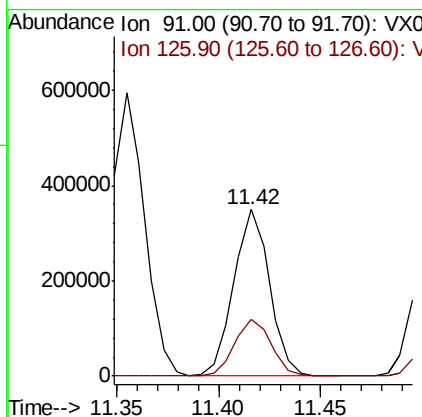
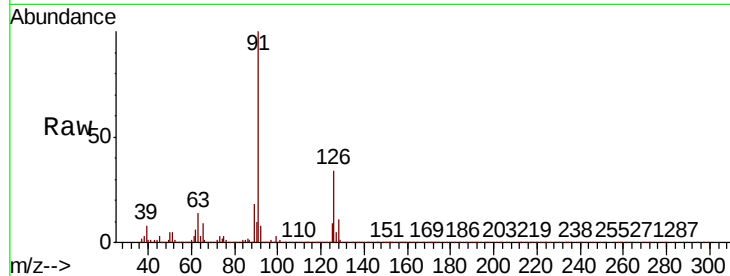
#79  
2-Chlorotoluene  
Concen: 24.382 ug/l  
RT: 11.42 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

Tot Ion: 91 Resp: 422878  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.3 52.0

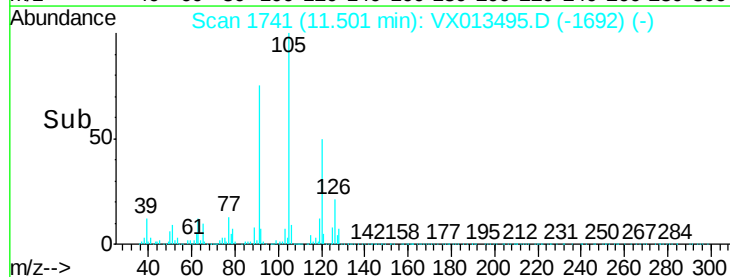
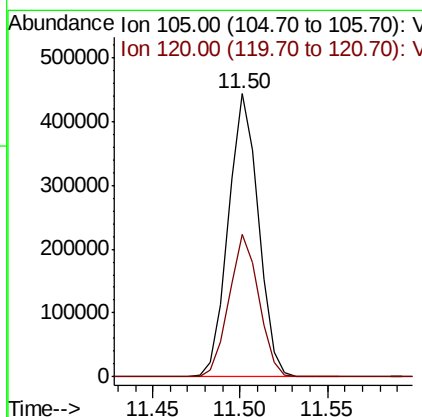
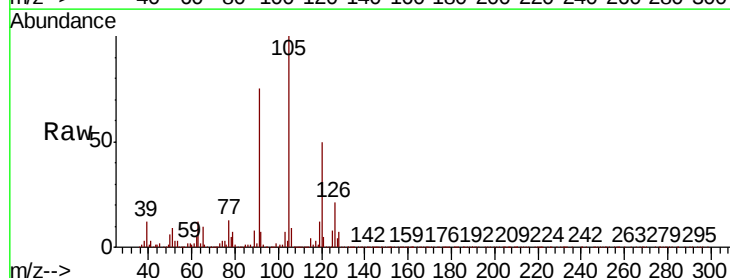
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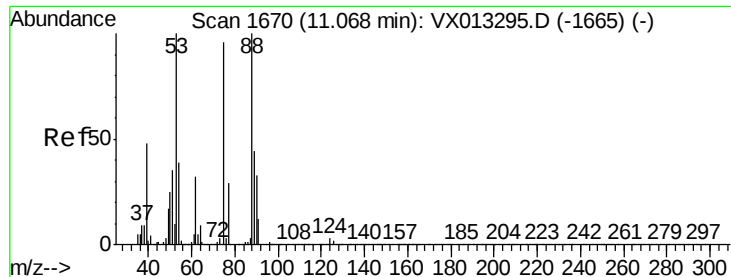
MMDadoda  
11/22/2019 8:44:44 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 24.624 ug/l  
RT: 11.50 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Tgt Ion: 105 Resp: 530039  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.515 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

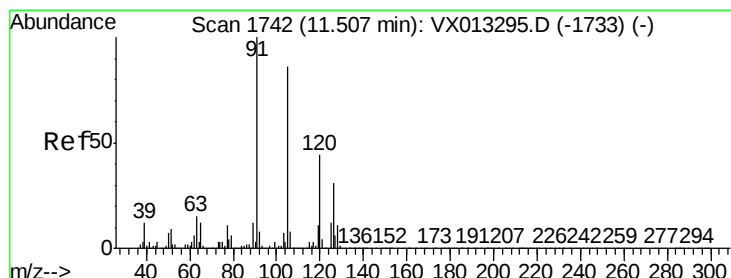
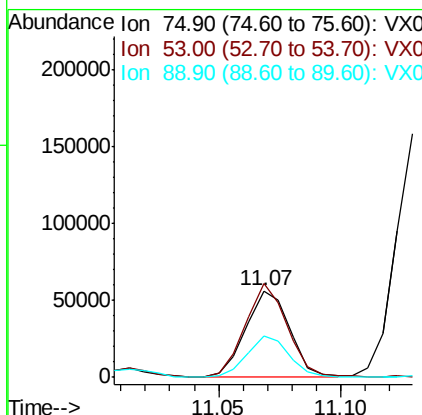
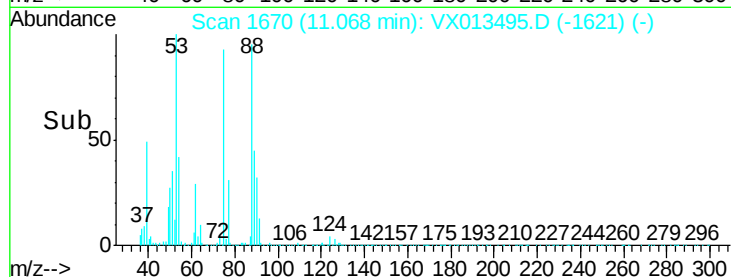
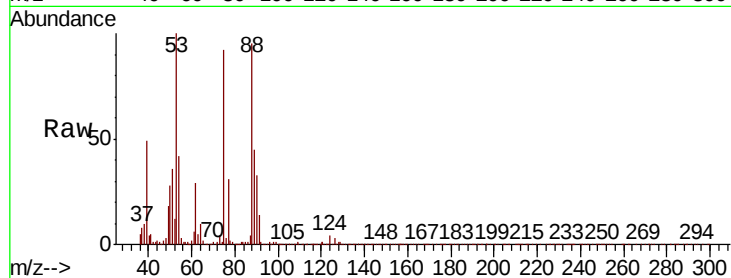
ClientSampleId :

VX1121WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 69250 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 105.2 | 81.0  | 121.6 |
| 89        | 46.1  | 36.0  | 54.0  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 23.566 ug/l

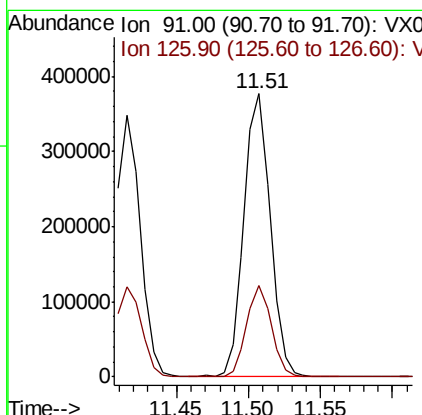
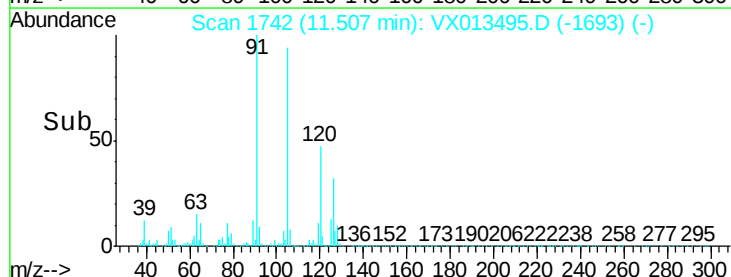
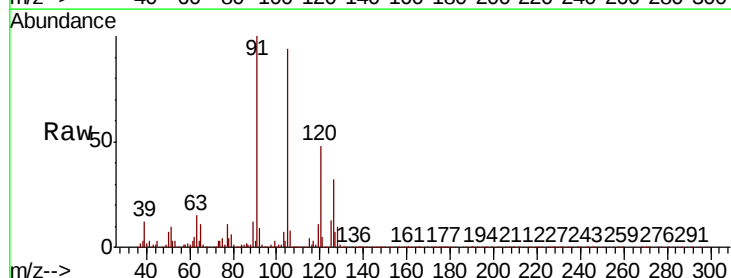
RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 478456 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 30.6  | 15.3  | 45.8   |





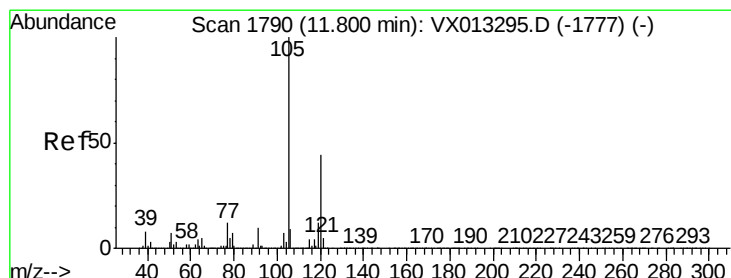
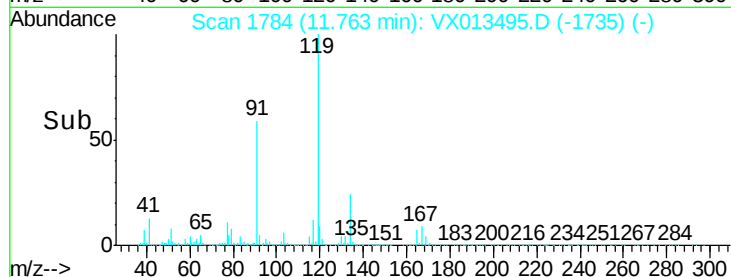
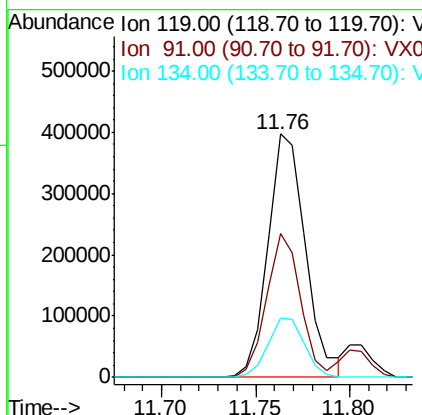
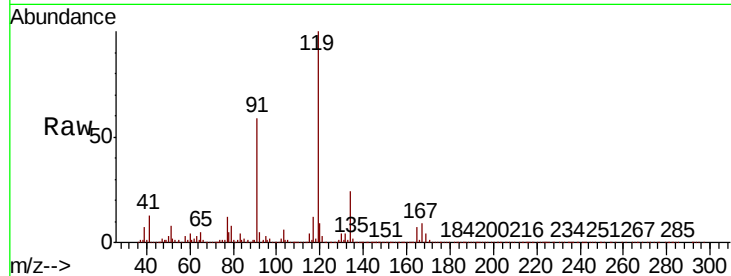
#83  
tert-Butylbenzene  
Concen: 25.342 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 53.3  | 26.9  | 80.7  |
| 134     | 23.8  | 11.7  | 35.1  |

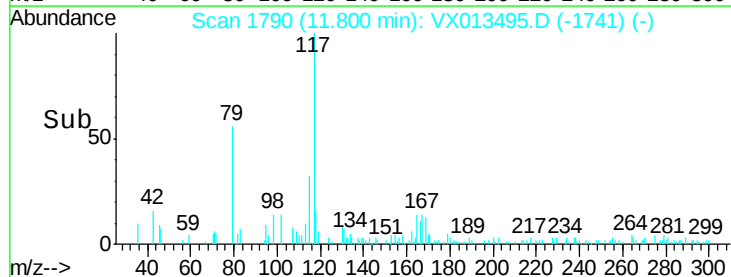
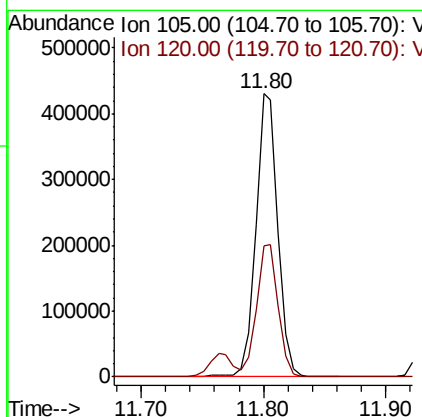
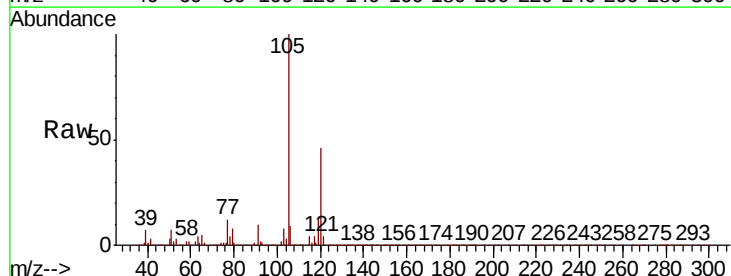
Manual Integrations  
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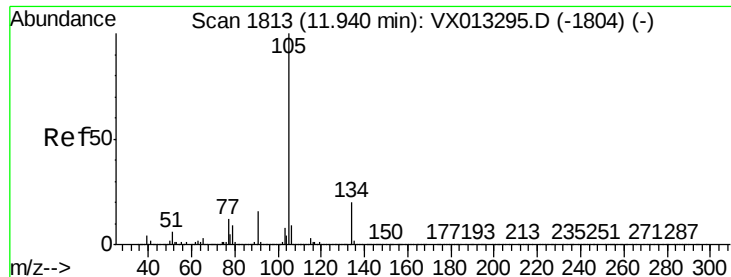
MMDadoda  
11/22/2019 8:44:44 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 24.994 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.9  | 22.7  | 68.1  |





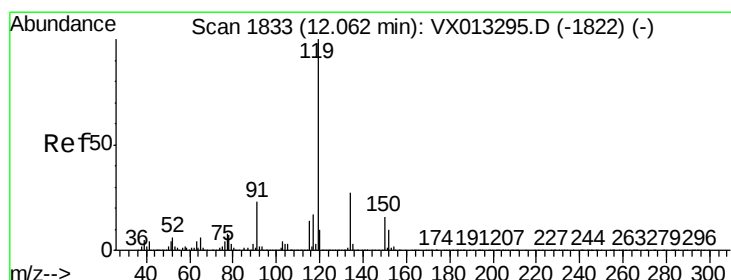
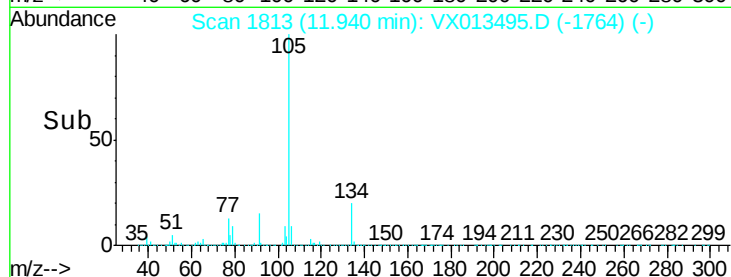
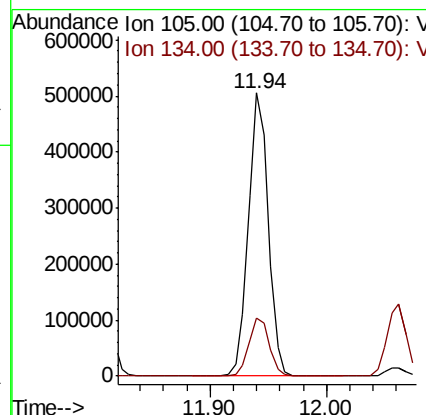
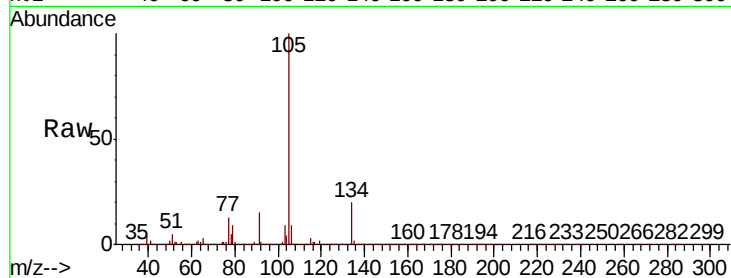
#85  
 sec-Butylbenzene  
 Concen: 24.280 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.1  | 10.3  | 30.9  |

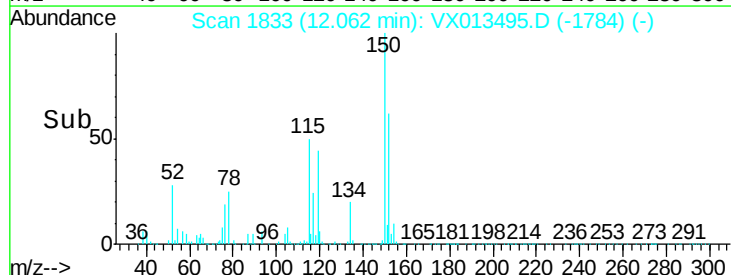
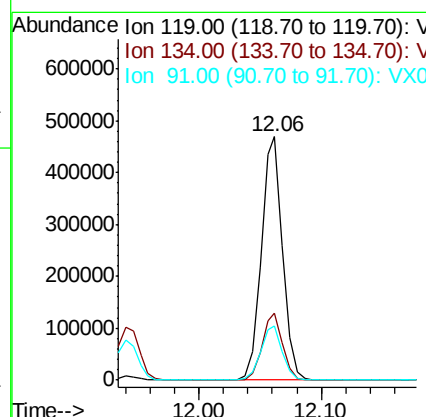
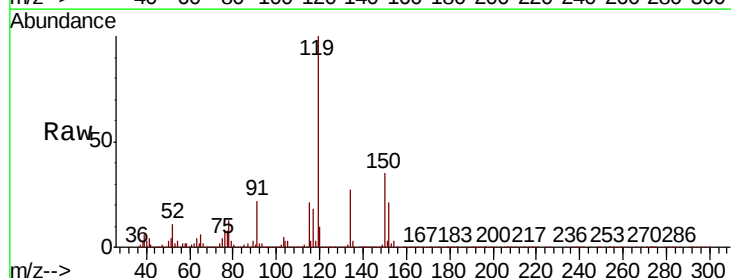
Manual Integrations  
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 11/22/2019 8:44:44 AM



#86  
 p-Isopropyltoluene  
 Concen: 24.747 ug/l  
 RT: 12.06 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.5  | 13.3  | 39.8  |
| 91      | 22.6  | 11.5  | 34.4  |





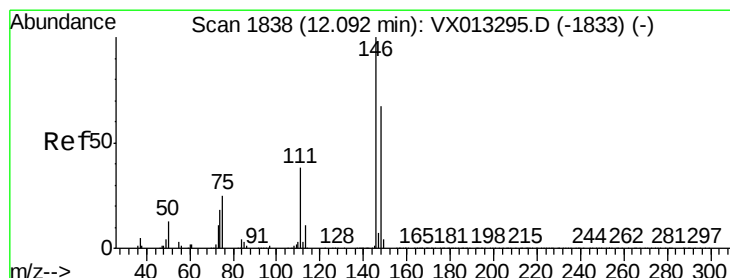
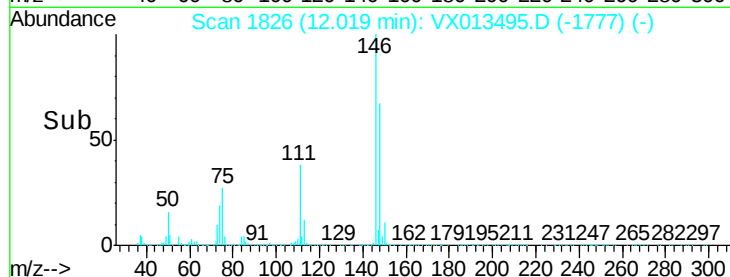
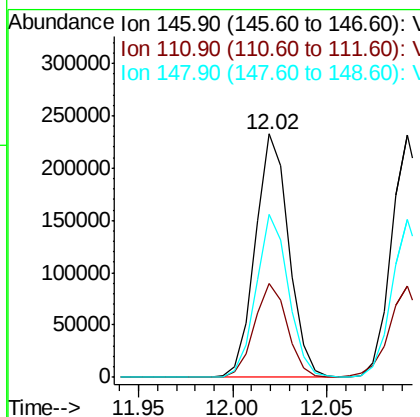
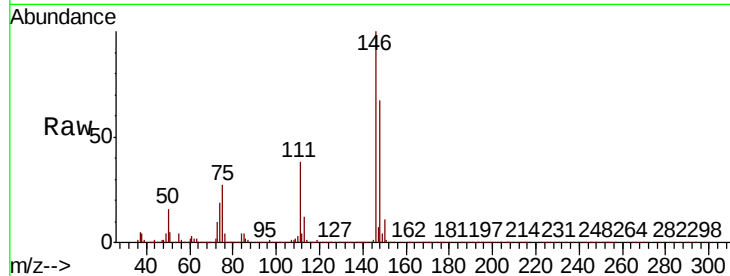
#87  
 1,3-Dichlorobenzene  
 Concen: 23.337 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 18.9  | 56.5  |
| 148     | 64.5  | 31.9  | 95.7  |

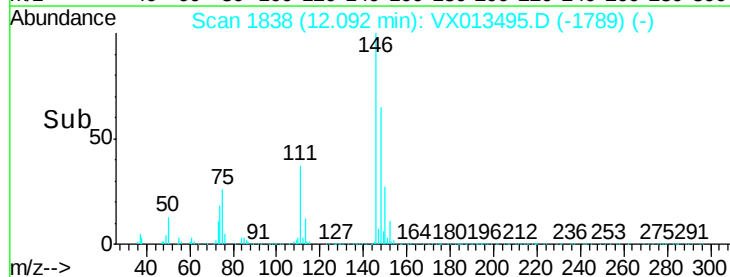
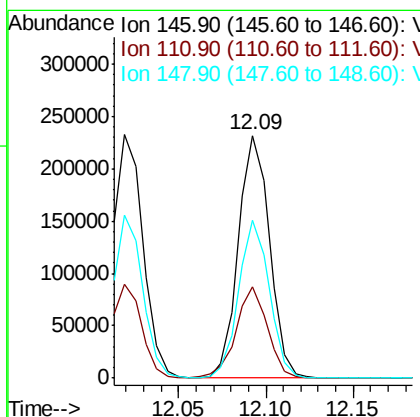
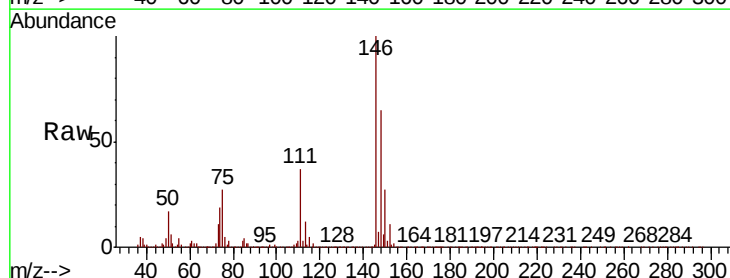
Manual Integrations  
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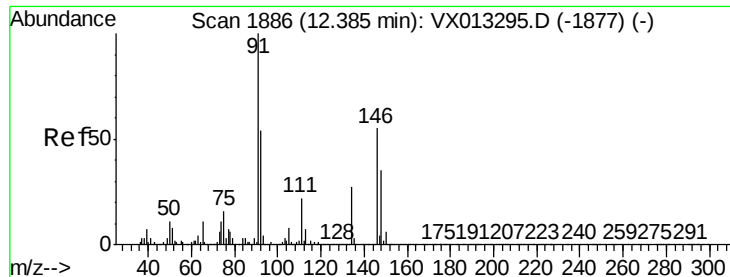
MMDadoda  
 11/22/2019 8:44:44 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 22.973 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 18.8  | 56.4  |
| 148     | 64.2  | 32.4  | 97.0  |





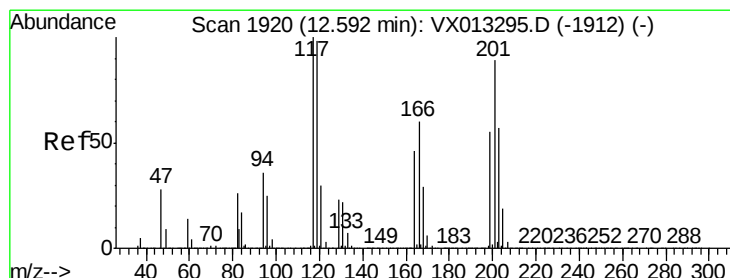
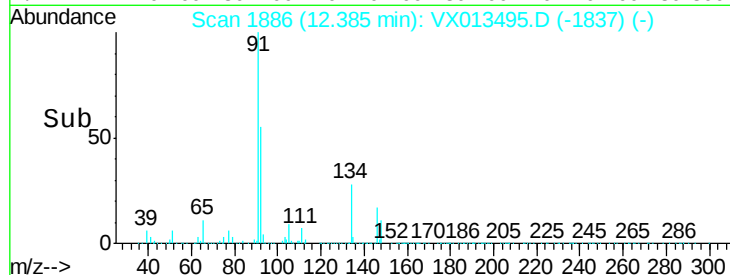
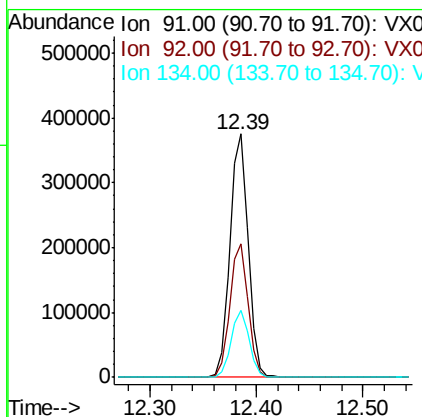
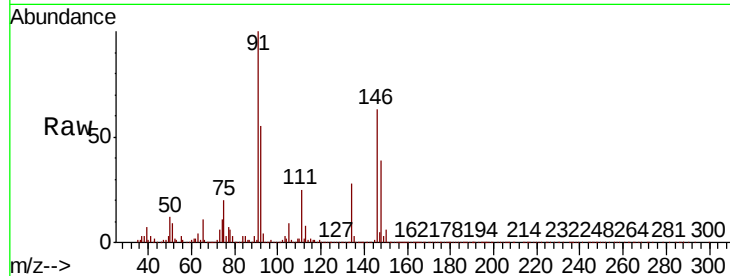
#89  
n-Butylbenzene  
Concen: 22.625 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 452717 |       |       |
| 92      | 54.5  | 27.3   | 81.8  |       |
| 134     | 27.2  | 13.5   | 40.5  |       |

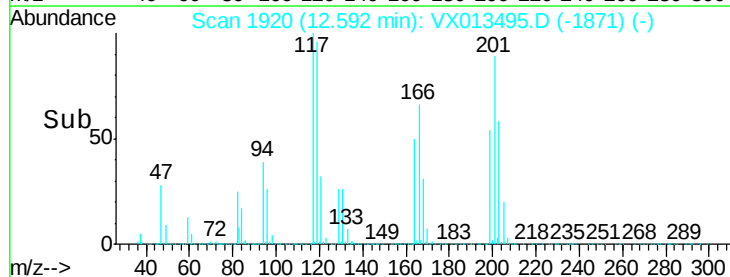
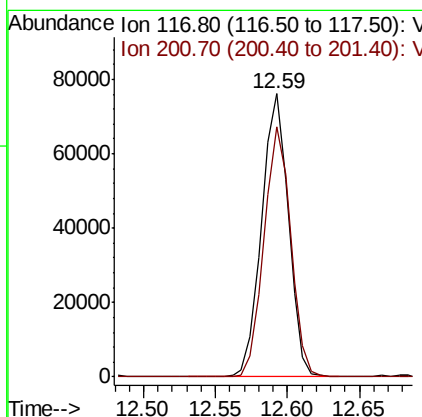
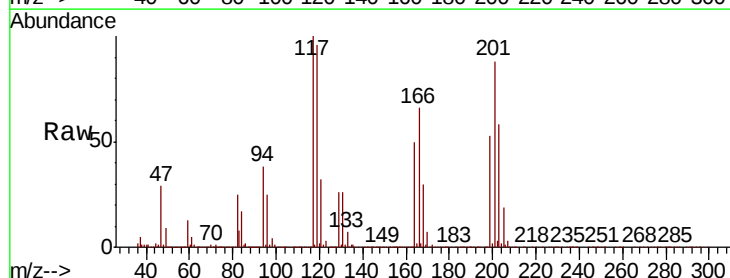
Manual Integrations  
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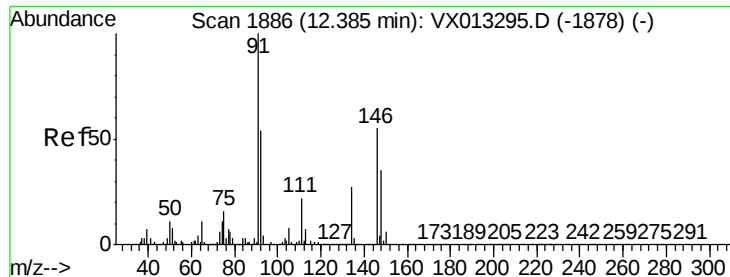
MMDadoda  
11/22/2019 8:44:44 AM



#90  
Hexachloroethane  
Concen: 23.953 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 97866 |       |       |
| 201     | 88.2  | 43.9  | 131.7 |       |





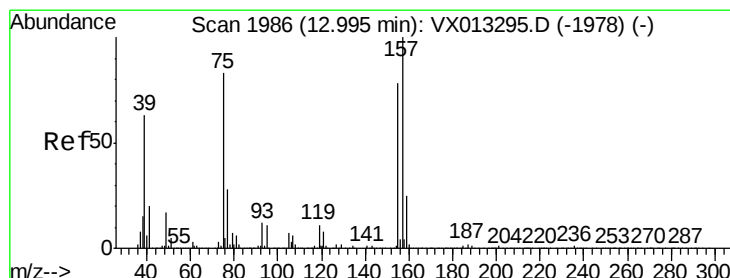
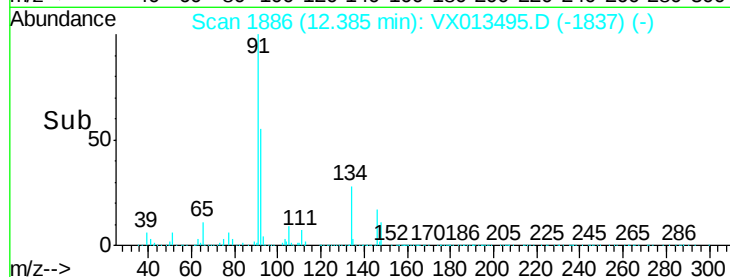
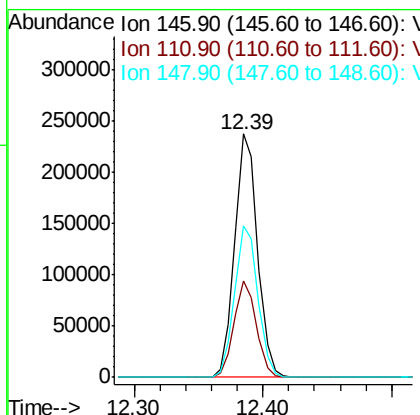
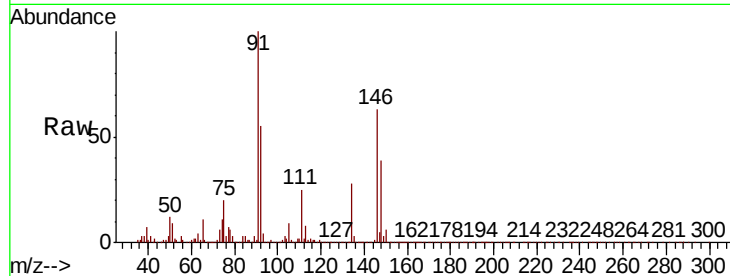
#91  
 1,2-Dichlorobenzene  
 Concen: 23.996 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1121WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 294562 |       |       |
| 111     | 38.9  | 20.1   | 60.2  |       |
| 148     | 63.7  | 32.0   | 96.0  |       |

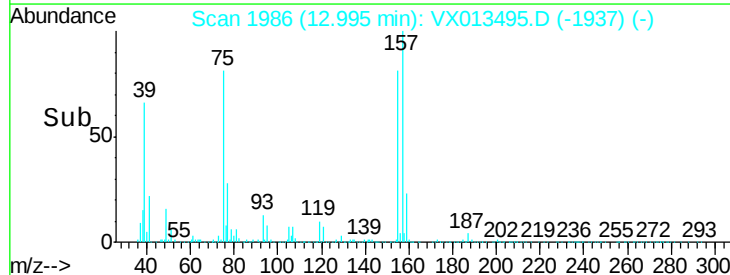
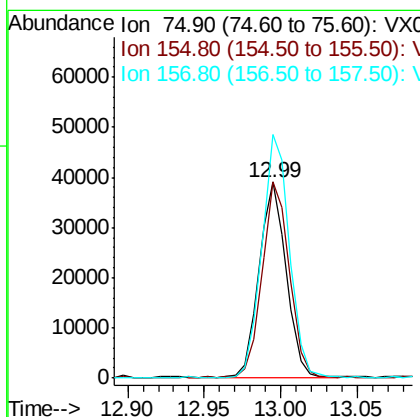
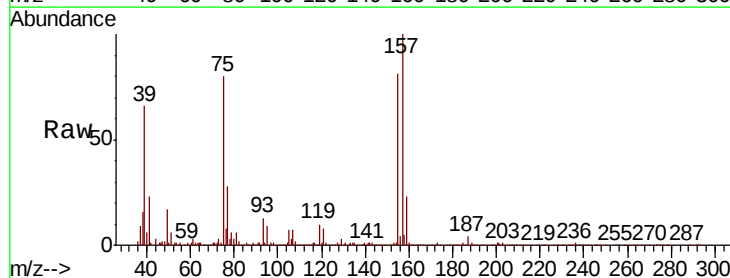
Manual Integrations  
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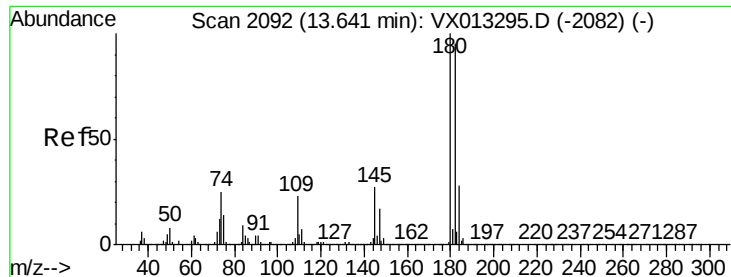
MMDadoda  
 11/22/2019 8:44:44 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.024 ug/l  
 RT: 12.99 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX013495.D  
 Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 48289 |       |       |
| 155     | 101.4 | 47.1  | 141.4 |       |
| 157     | 128.1 | 61.3  | 183.8 |       |





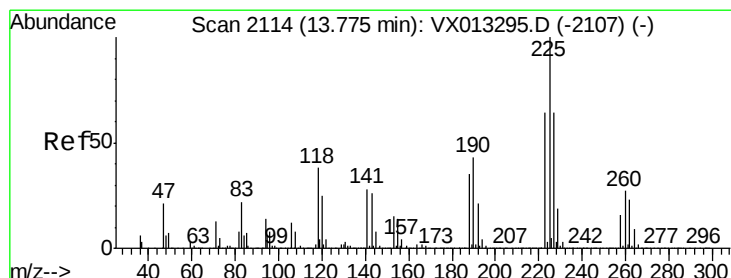
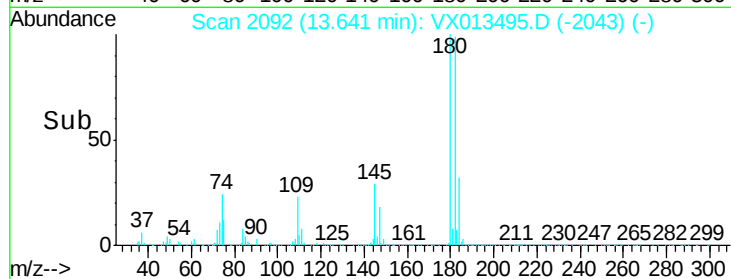
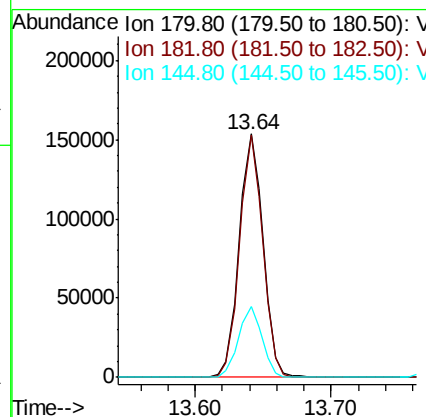
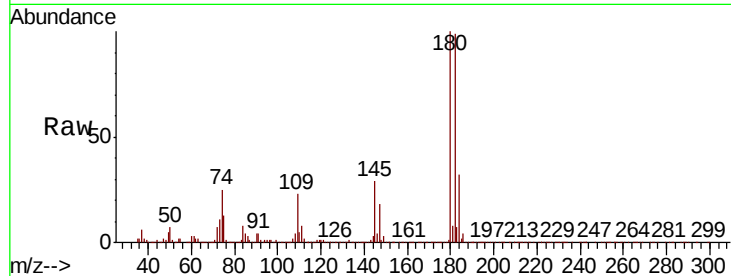
#93  
1,2,4-Trichlorobenzene  
Concen: 21.840 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1121WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 48.4  | 145.0 |
| 145     | 29.1  | 14.1  | 42.4  |

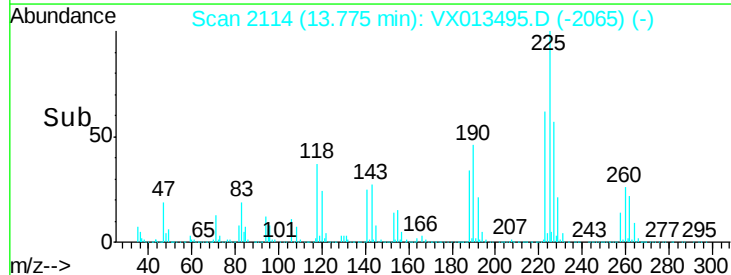
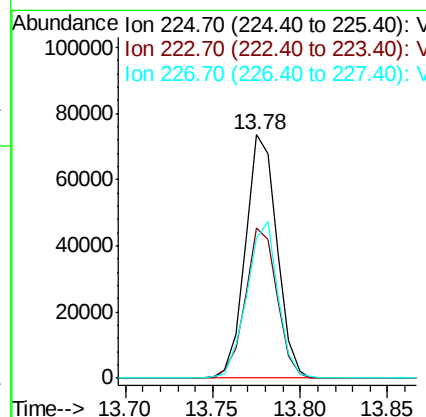
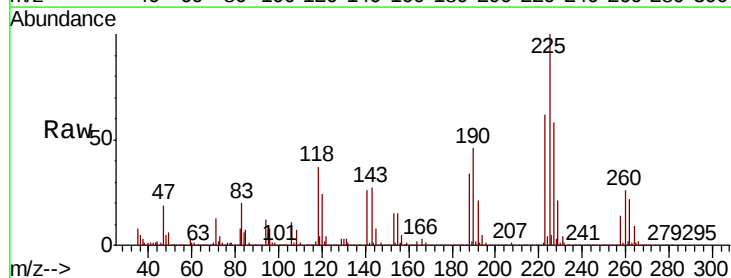
Manual Integrations  
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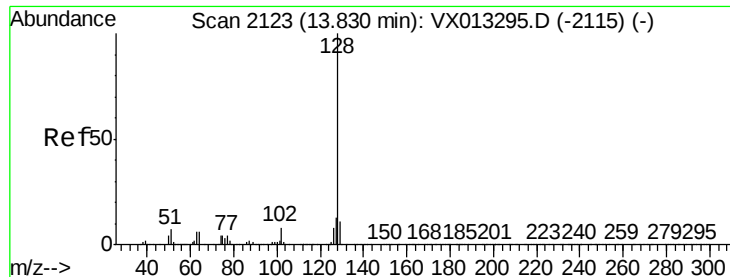
MMDadoda  
11/22/2019 8:44:44 AM



#94  
Hexachlorobutadiene  
Concen: 21.971 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: VX013495.D  
Acq: 21 Nov 2019 12:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 31.9  | 95.7  |
| 227     | 63.7  | 31.9  | 95.9  |





#95

Naphthalene

Concen: 22.406 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

Instrument :

MSVOA\_X

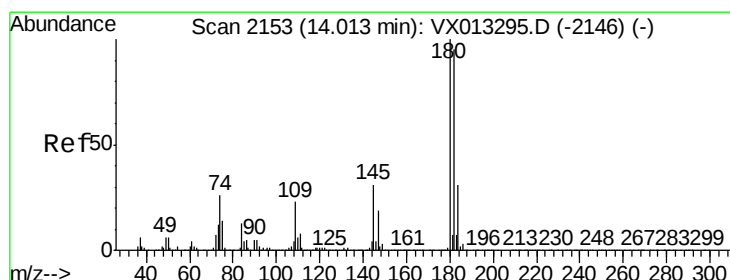
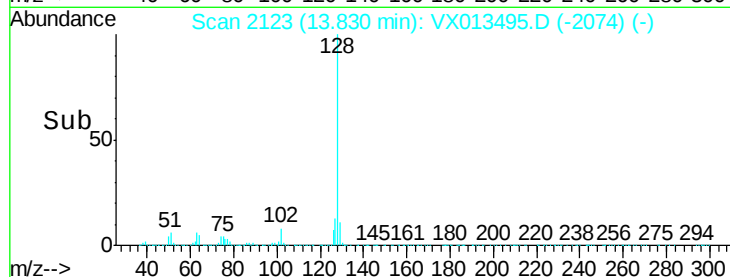
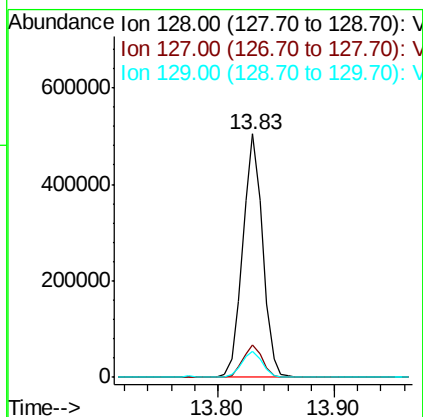
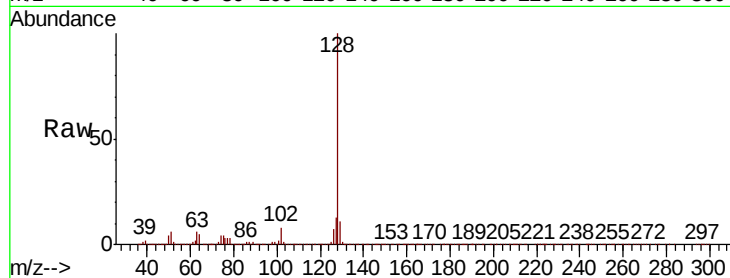
ClientSampleId :

VX1121WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 601926 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 13.0 | 10.2  | 15.2   |
| 129       | 11.0 | 8.5   | 12.7   |

Manual Integrations  
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11/22/2019 8:44:44 AM



#96

1,2,3-Trichlorobenzene

Concen: 22.556 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013495.D

Acq: 21 Nov 2019 12:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 193695 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 97.1 | 48.0  | 144.2  |
| 145       | 30.3 | 15.4  | 46.4   |

