

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\  
 Data File : VD066890.D  
 Acq On : 26 Sep 2020 00:21  
 Operator : VA/SY  
 Sample : VD0925SBS02  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 9/29/2020 11:45:31 AM

Quant Time: Sep 26 06:55:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 381663   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 637405   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 584532   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 278259   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 184475   | 49.38 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.76% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 190130   | 46.89 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.78% |      |
| 50) Toluene-d8            | 10.34  | 98  | 665085   | 48.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.28% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 230100   | 48.65 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.30% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 69030  | 22.770  | ug/l   | 97     |
| 3) Chloromethane              | 2.21 | 50  | 74248  | 21.173  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.35 | 62  | 67327  | 19.434  | ug/l   | 94     |
| 5) Bromomethane               | 2.76 | 94  | 50975  | 20.934  | ug/l   | 100    |
| 6) Chloroethane               | 2.92 | 64  | 41635  | 19.353  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 140830 | 19.794  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.71 | 74  | 39418  | 21.823  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 79862  | 19.357  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.30 | 142 | 72826  | 20.004  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 5.23 | 59  | 33404  | 123.906 | ug/l # | 81     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 78524  | 21.011  | ug/l   | 98     |
| 13) Acrolein                  | 3.93 | 56  | 24099  | 87.451  | ug/l   | 99     |
| 14) Allyl chloride            | 4.71 | 41  | 109206 | 19.899  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.43 | 53  | 86379  | 107.911 | ug/l   | 98     |
| 16) Acetone                   | 4.16 | 43  | 71505  | 90.234  | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.41 | 76  | 227239 | 19.888  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.71 | 43  | 46207  | 24.266  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 170755 | 21.039  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.97 | 84  | 120745 | 25.364  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.48 | 96  | 89347  | 20.647  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.36 | 45  | 234896 | 20.817  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.31 | 43  | 569864 | 94.697  | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 154202 | 20.428  | ug/l   | 98     |
| 25) 2-Butanone                | 7.21 | 43  | 101077 | 106.140 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 123832 | 17.898  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 99336  | 21.127  | ug/l   | 100    |
| 28) Bromochloromethane        | 7.54 | 49  | 61604  | 19.754  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 65639  | 107.572 | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 165295 | 20.314  | ug/l   | 99     |
| 31) Cyclohexane               | 7.98 | 56  | 128453 | 18.912  | ug/l # | 96     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 145369 | 19.749  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 120002 | 18.977  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.29 | 43  | 48229  | 21.097  | ug/l # | 95     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 131336 | 18.997  | ug/l   | 96     |

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 Sample : VD0925SBS02  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0925SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 9/29/2020 11:45:31 AM

Quant Time: Sep 26 06:55:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 131095   | 18.056  | ug/l   | 99       |
| 40) Benzene                    | 8.34  | 78   | 343949   | 19.516  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.53  | 41   | 25929m   | 18.444  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 100640   | 19.317  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 87208    | 19.787  | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 99132    | 19.734  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 87950    | 19.835  | ug/l   | 97       |
| 46) Dibromomethane             | 9.48  | 93   | 49537    | 20.562  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.66  | 83   | 128252   | 19.817  | ug/l # | 94       |
| 48) Methyl methacrylate        | 9.45  | 41   | 40699    | 18.729  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 12663    | 401.368 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 232757   | 104.225 | ug/l   | 100      |
| 52) Toluene                    | 10.40 | 92   | 233793   | 20.595  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 109921   | 19.955  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 131887   | 19.636  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 66628    | 20.118  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 72716    | 20.495  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 113786   | 20.806  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 202913   | 120.785 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 152916   | 101.536 | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.14 | 129  | 89926    | 20.804  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 64725    | 21.011  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.87 | 164  | 88666    | 21.088  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.67 | 112  | 242505   | 19.931  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 94092    | 20.432  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 410149   | 19.193  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 324904   | 40.157  | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 143882   | 19.667  | ug/l   | 100      |
| 70) Styrene                    | 12.20 | 104  | 257899   | 20.299  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 49972    | 21.432  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.48 | 105  | 389365   | 19.370  | ug/l   | 97       |
| 74) N-amyl acetate             | 12.28 | 43   | 76708    | 19.541  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 70652    | 20.369  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 44888m   | 19.466  | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 96882    | 20.608  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.82 | 91   | 476496   | 19.704  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 268954   | 19.517  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 337253   | 19.773  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 20570    | 22.318  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 292398   | 20.128  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 276067   | 19.697  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 340837   | 20.152  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 397603   | 19.728  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 358555   | 19.737  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 183238   | 19.728  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 181352   | 19.659  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.84 | 91   | 311471   | 18.038  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.11 | 117  | 69494    | 18.842  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 159438   | 20.064  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 11688    | 20.947  | ug/l   | 97       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\  
 Data File : VD066890.D  
 Acq On : 26 Sep 2020 00:21  
 Operator : VA/SY  
 Sample : VD0925SBSD02  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBSD02

Manual Integrations  
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 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 96284    | 19.248 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 55410    | 18.485 | ug/l  | 95       |
| 95) Naphthalene            | 15.40 | 128  | 169391   | 19.945 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 86050    | 19.930 | ug/l  | 99       |

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

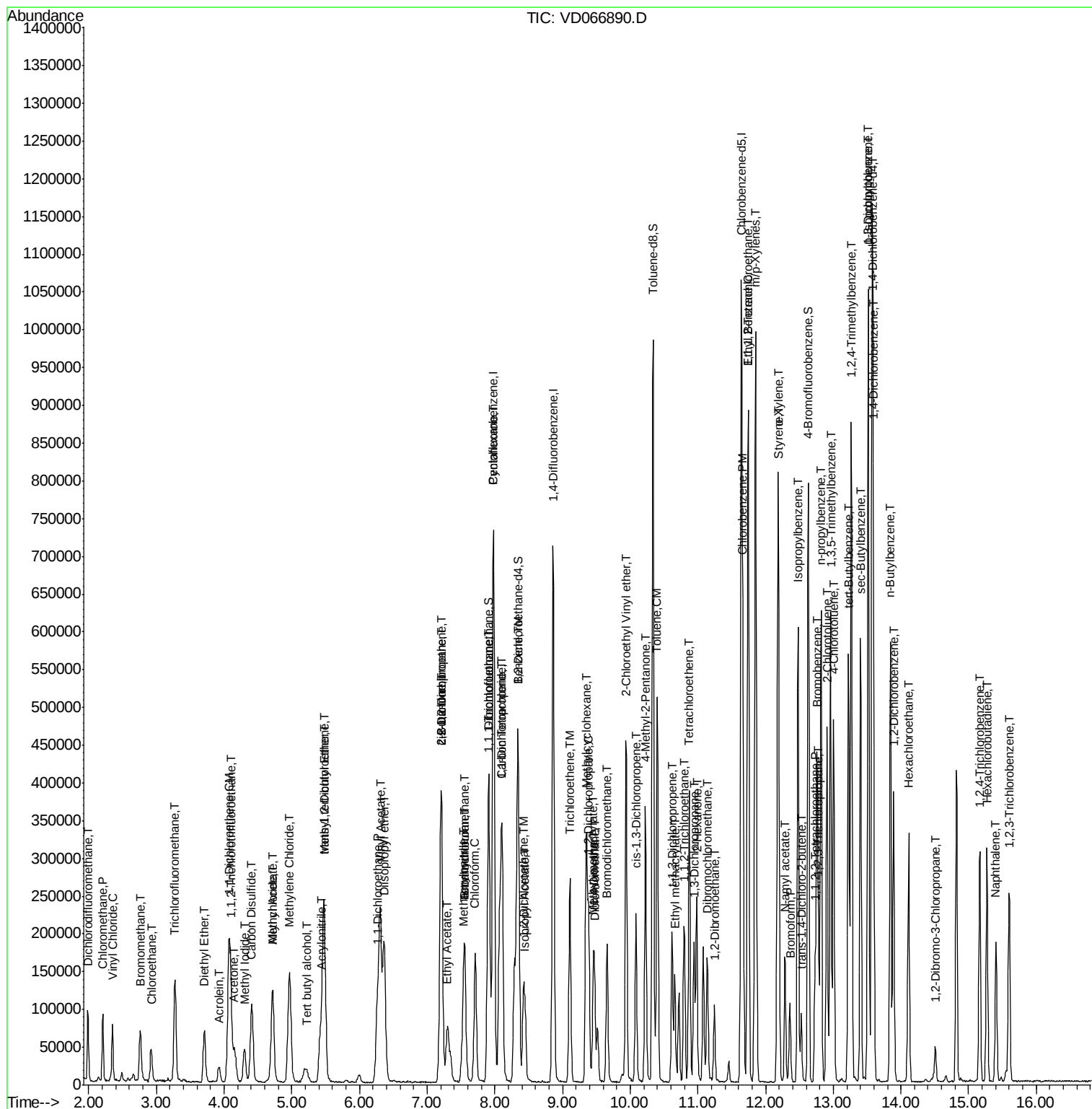
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Data File : VD066890.D  
Acq On : 26 Sep 2020 00:21  
Operator : VA/SY  
Sample : VD0925SBSD02  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 32 Sample Multiplier: 1

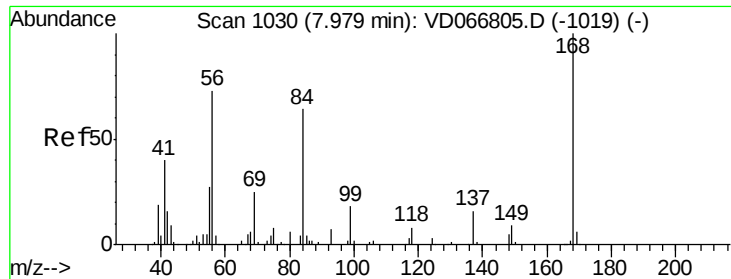
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBSD02

Manual Integrations  
APPROVED

MMDadoda  
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Quant Title : SW846 8260  
QLast Update : Wed Sep 23 01:34:05 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion:168 Resp: 381663

Ion Ratio Lower Upper

168 100

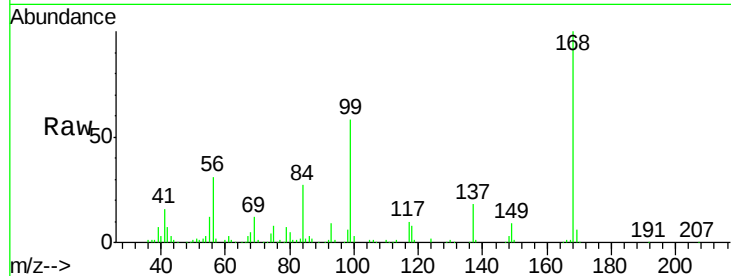
99 58.0 46.6 69.8

Manual Integrations

APPROVED

MMDadoda

9/29/2020 11:45:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

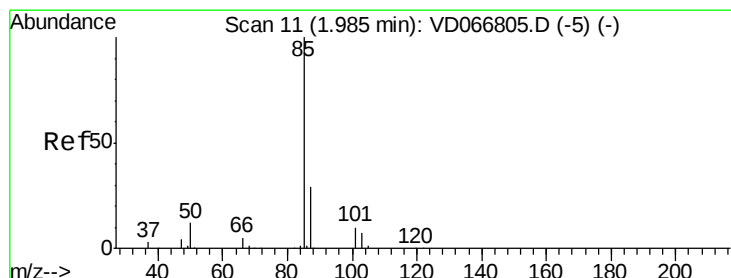
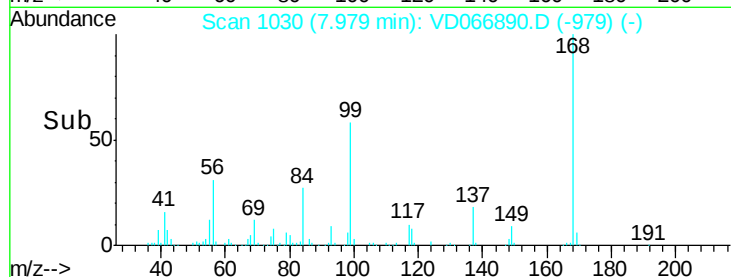
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.770 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066890.D

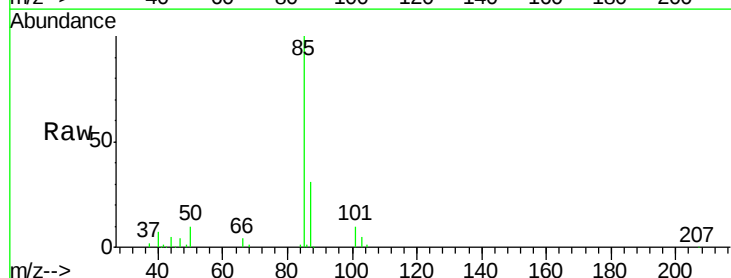
Acq: 26 Sep 2020 00:21

Tgt Ion: 85 Resp: 69030

Ion Ratio Lower Upper

85 100

87 30.8 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

50000

40000

30000

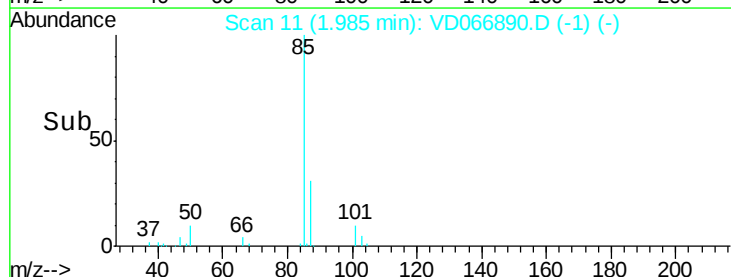
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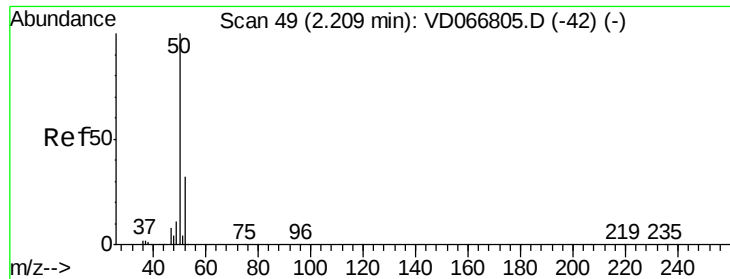
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.173 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBSD02

Tot Ion: 50 Resp: 74248

Ion Ratio Lower Upper

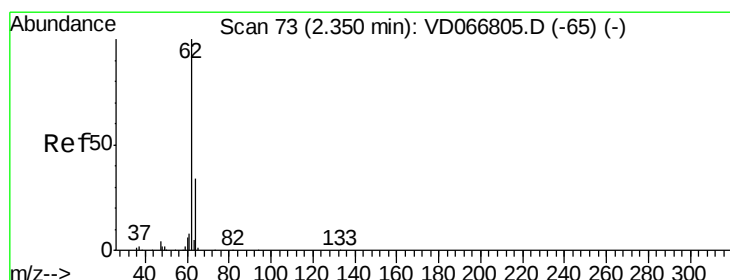
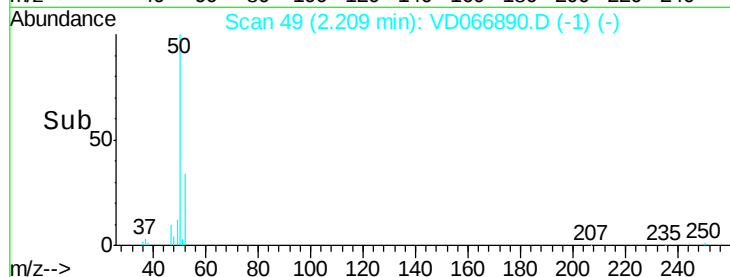
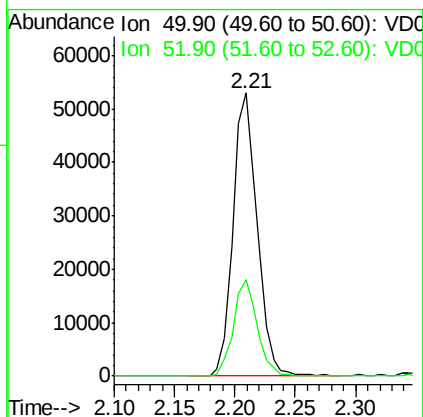
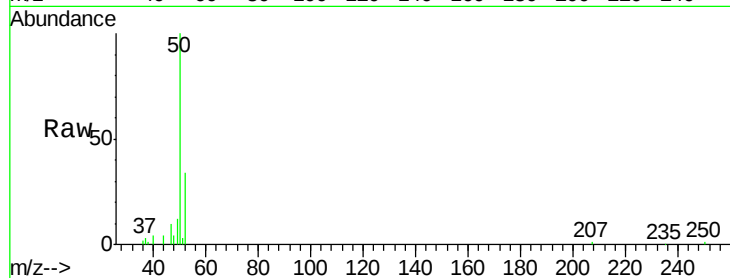
50 100

52 34.0 25.5 38.3

Manual Integrations  
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9/29/2020 11:45:31 AM



#4

Vinyl Chloride

Concen: 19.434 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066890.D

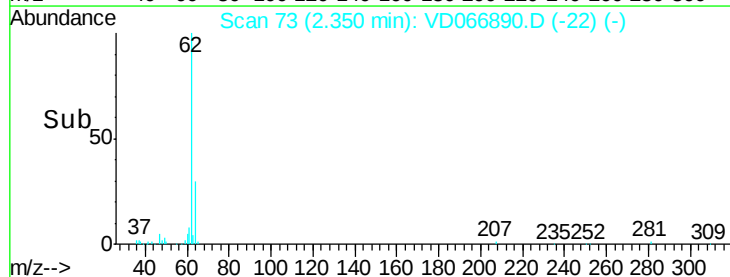
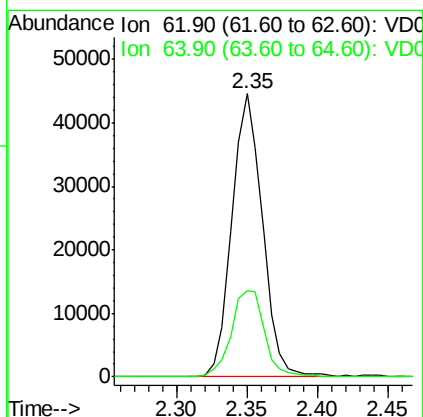
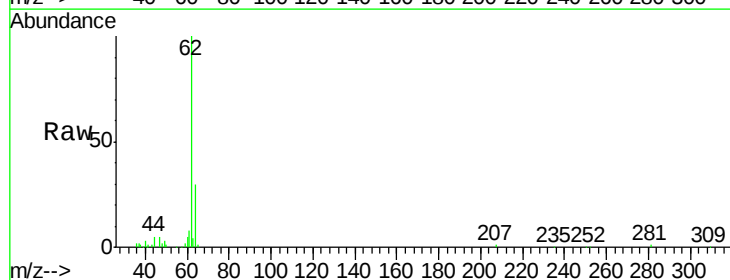
Acq: 26 Sep 2020 00:21

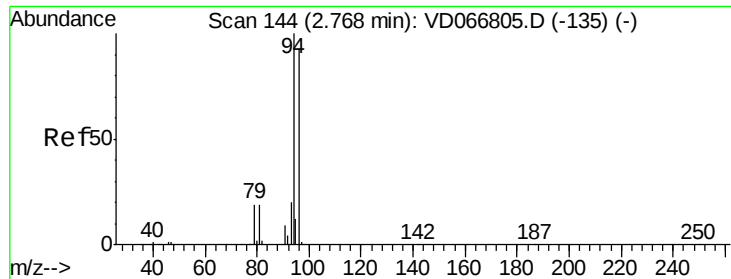
Tgt Ion: 62 Resp: 67327

Ion Ratio Lower Upper

62 100

64 30.3 27.0 40.4





#5

Bromomethane

Concen: 20.934 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion: 94 Resp: 50975

Ion Ratio Lower Upper

94 100

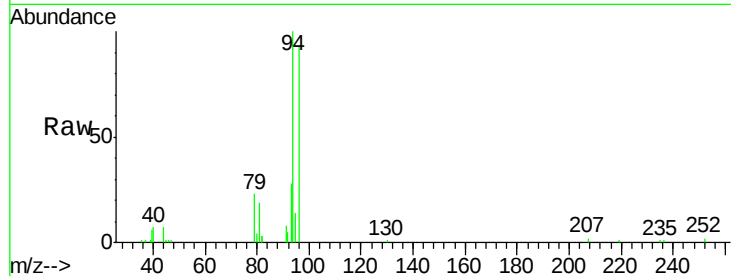
96 92.8 74.3 111.5

Manual Integrations

APPROVED

MMDadoda

9/29/2020 11:45:31 AM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

20000

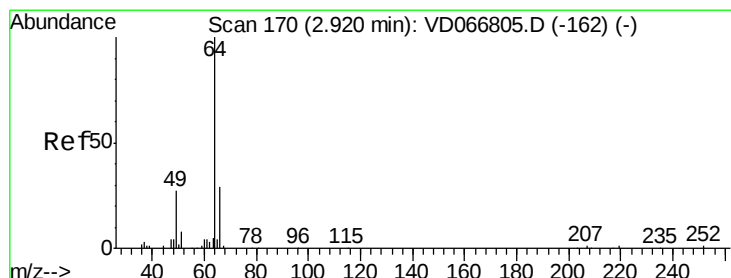
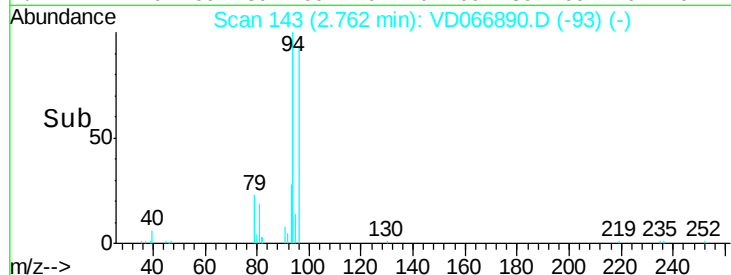
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.353 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066890.D

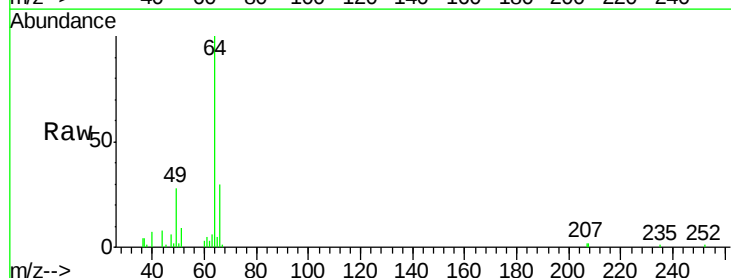
Acq: 26 Sep 2020 00:21

Tgt Ion: 64 Resp: 41635

Ion Ratio Lower Upper

64 100

66 29.7 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

20000

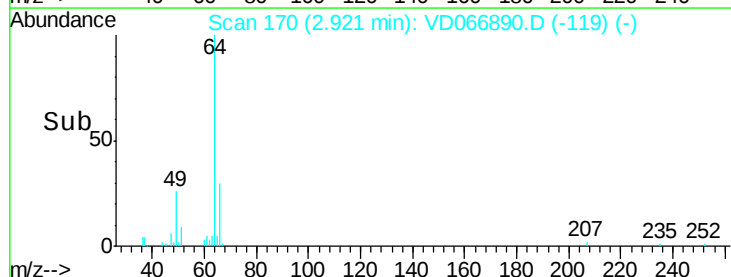
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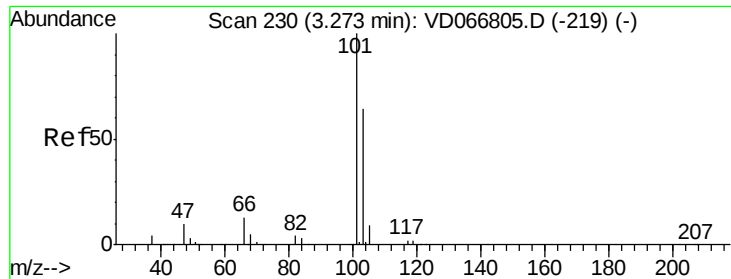
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5000

0

Time-->





#7

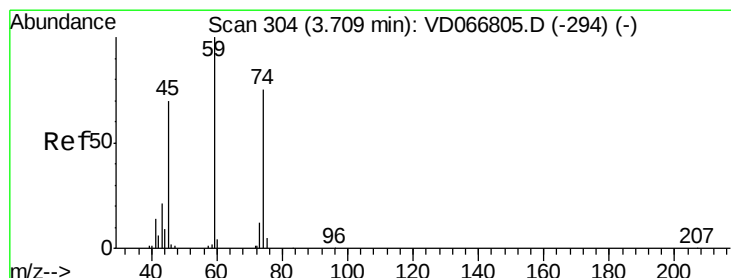
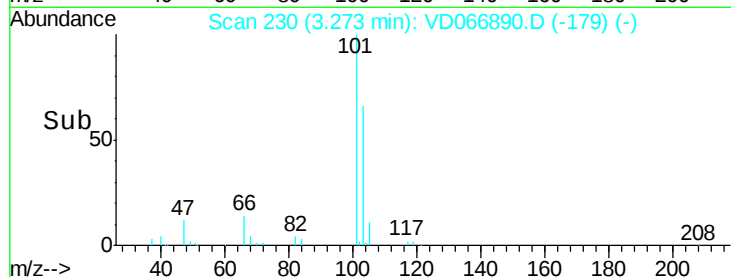
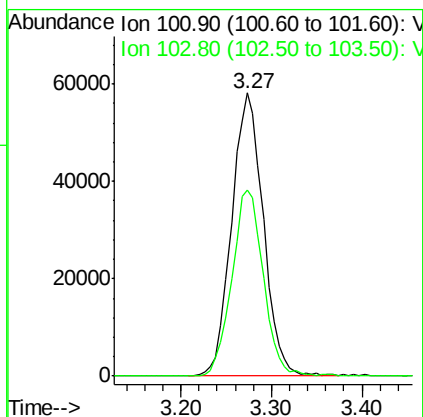
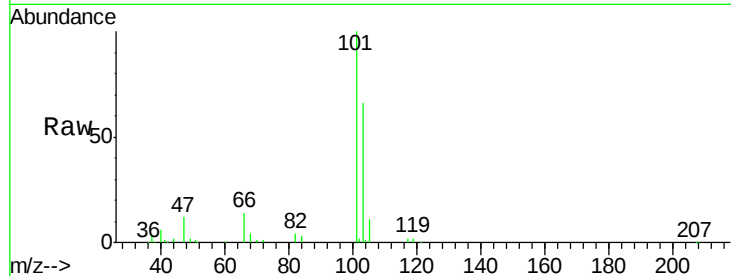
Trichlorofluoromethane  
Concen: 19.794 ug/l  
RT: 3.27 min Scan# 230  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 140830 |       |       |
| 103     | 65.6  | 51.0   | 76.6  |       |

Manual Integrations  
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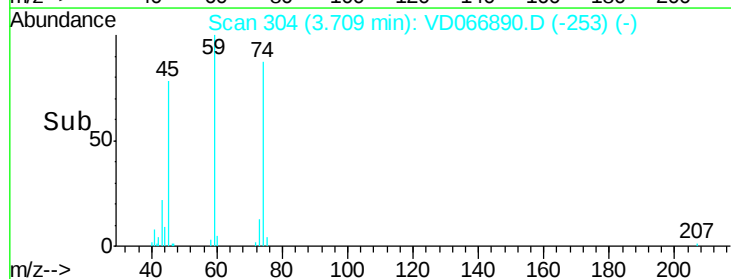
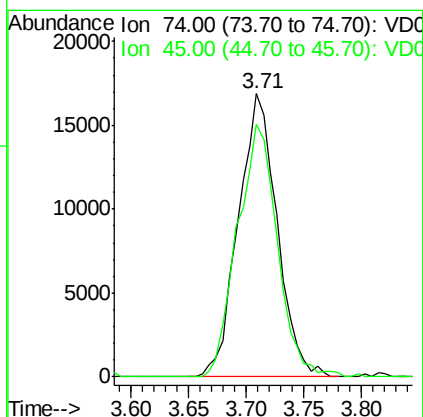
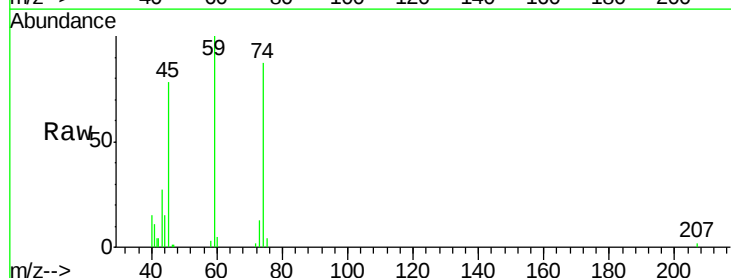
MMDadoda  
9/29/2020 11:45:31 AM

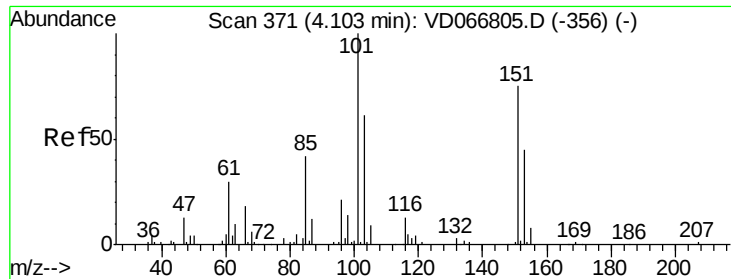


#8

Diethyl Ether  
Concen: 21.823 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 39418 |       |       |
| 45      | 92.2  | 46.0  | 138.0 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.357 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

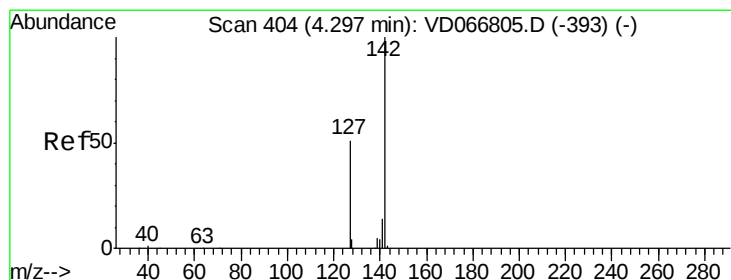
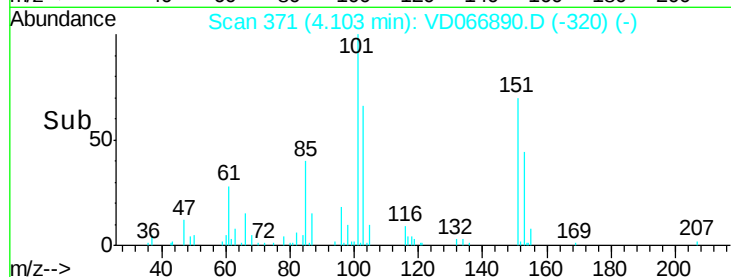
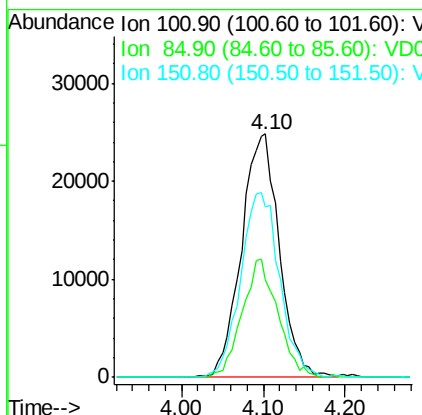
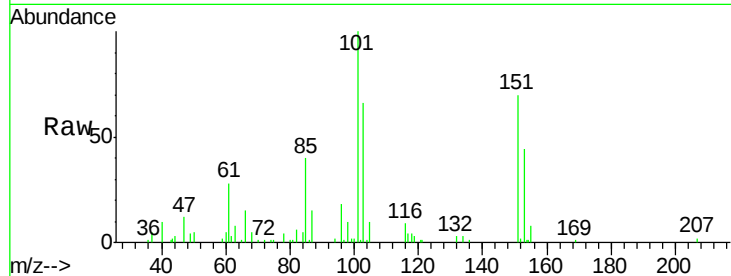
ClientSampleId :

VD0925SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 79862 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.6  | 35.4  | 53.2  |
| 151       | 78.0  | 61.4  | 92.0  |

Manual Integrations  
APPROVED

MMDadoda  
9/29/2020 11:45:31 AM



#10

Methyl Iodide

Concen: 20.004 ug/l

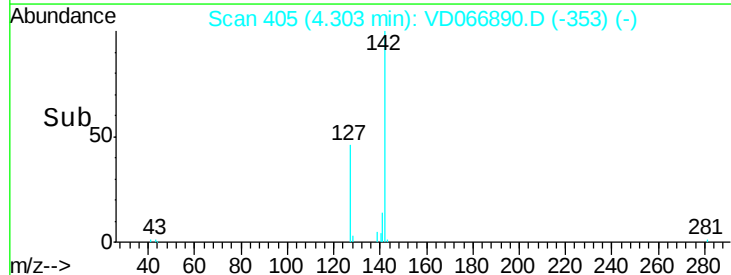
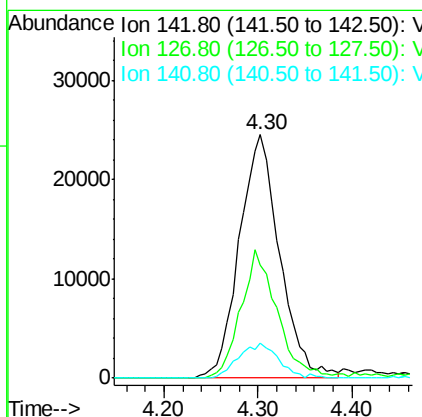
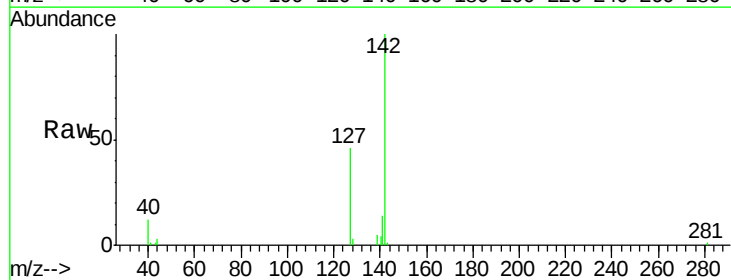
RT: 4.30 min Scan# 405

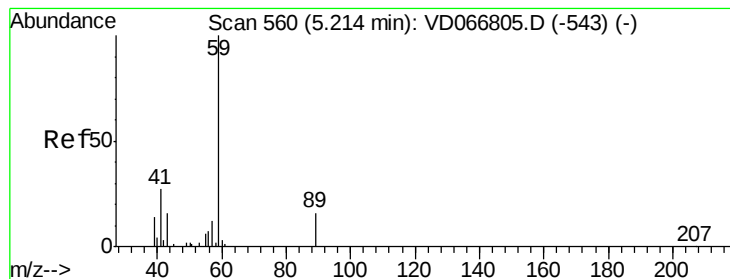
Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 72826 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 47.3  | 39.4  | 59.0  |
| 141       | 14.0  | 12.1  | 18.1  |





#11

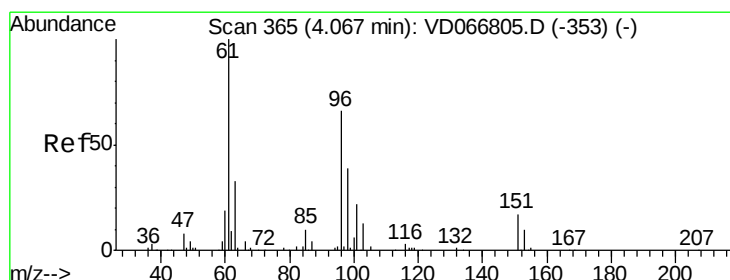
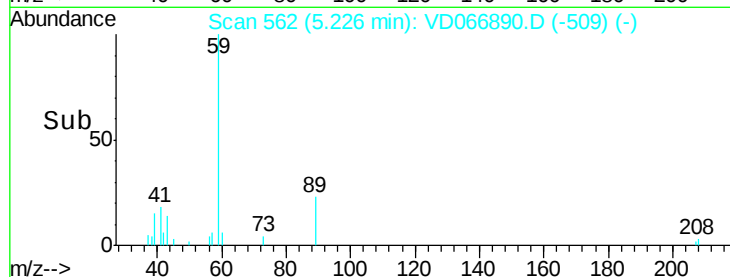
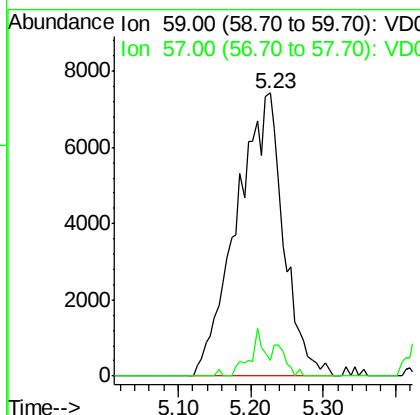
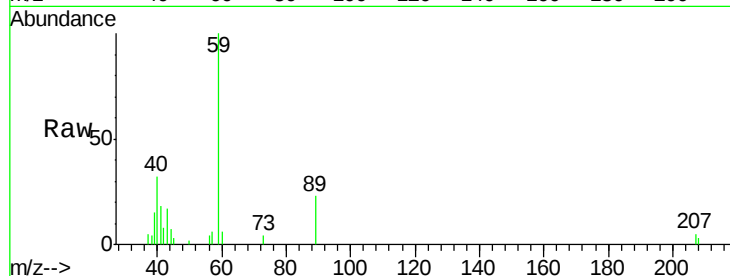
Tert butyl alcohol  
 Concen: 123.906 ug/l  
 RT: 5.23 min Scan# 562  
 Delta R.T. 0.01 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion   | 59  | Resp  | 33404 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 57        | 3.2 | 8.3   | 12.5# |

Manual Integrations  
 APPROVED

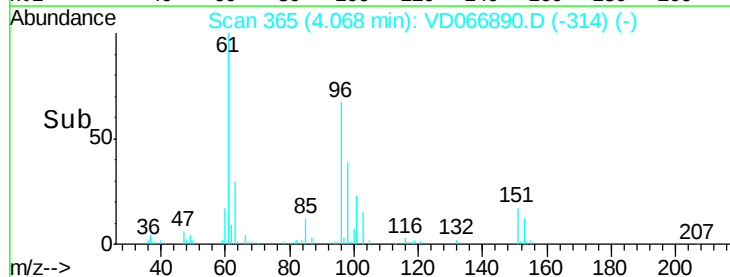
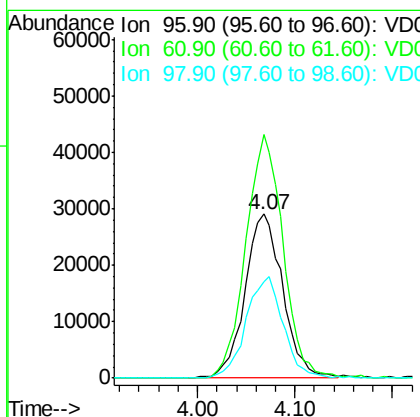
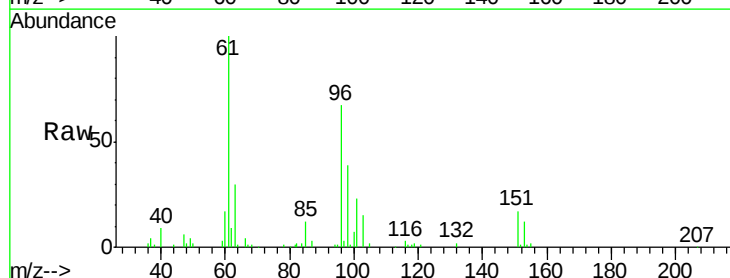
MMDadoda  
 9/29/2020 11:45:31 AM

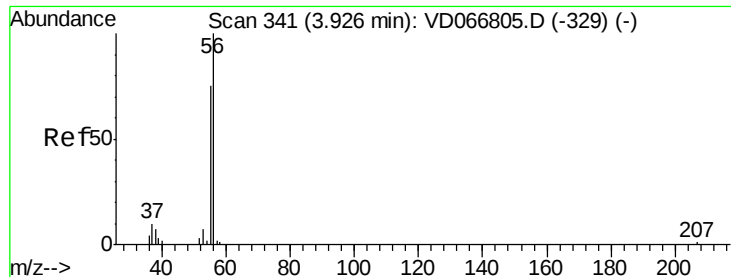


#12

1,1-Dichloroethene  
 Concen: 21.011 ug/l  
 RT: 4.07 min Scan# 365  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion   | 96    | Resp  | 78524 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 148.3 | 120.8 | 181.2 |
| 98        | 58.6  | 47.7  | 71.5  |





#13

Acrolein

Concen: 87.451 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBSD02

Tot Ion: 56 Resp: 24099

Ion Ratio Lower Upper

56 100

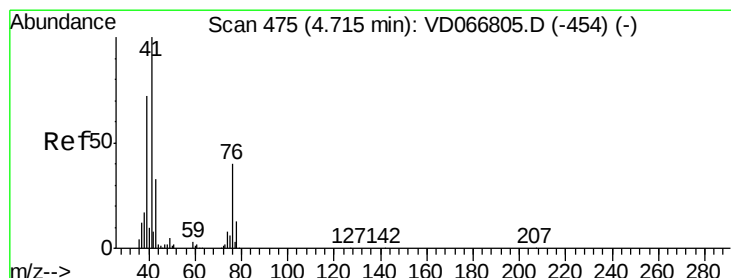
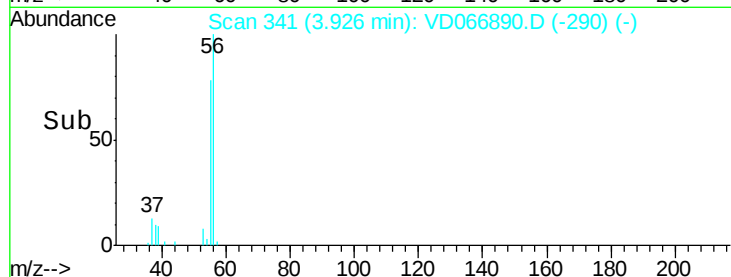
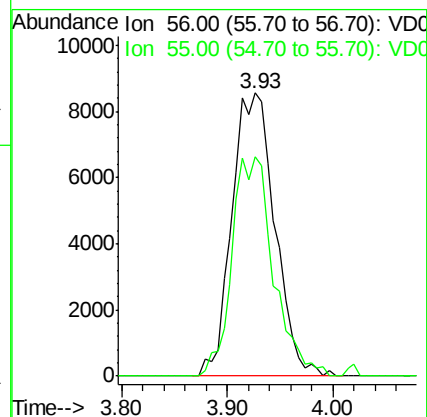
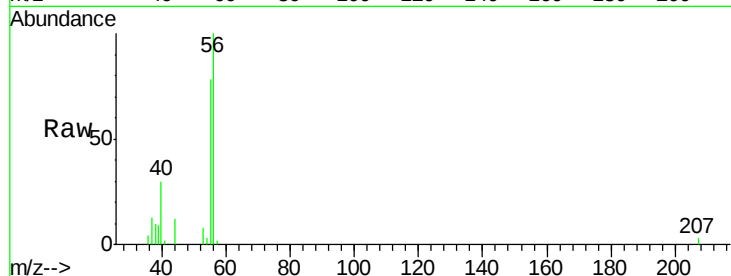
55 74.3 60.3 90.5

Manual Integrations

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MMDadoda

9/29/2020 11:45:31 AM



#14

Allyl chloride

Concen: 19.899 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

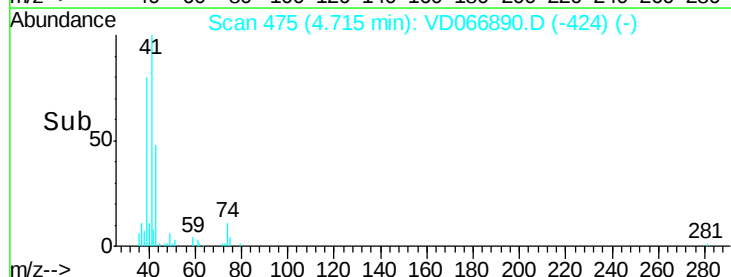
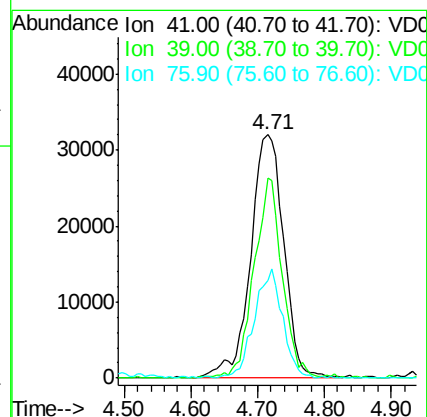
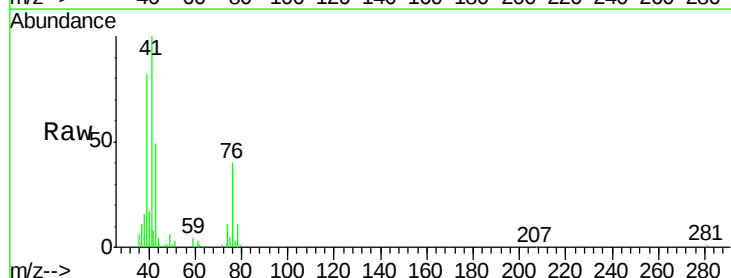
Tgt Ion: 41 Resp: 109206

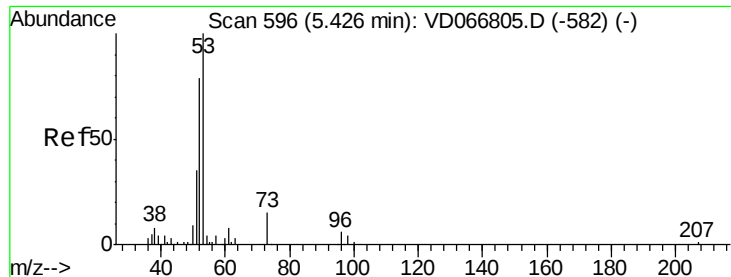
Ion Ratio Lower Upper

41 100

39 70.0 57.8 86.8

76 38.1 30.9 46.3





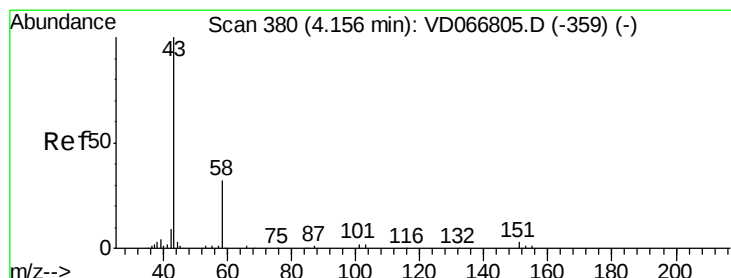
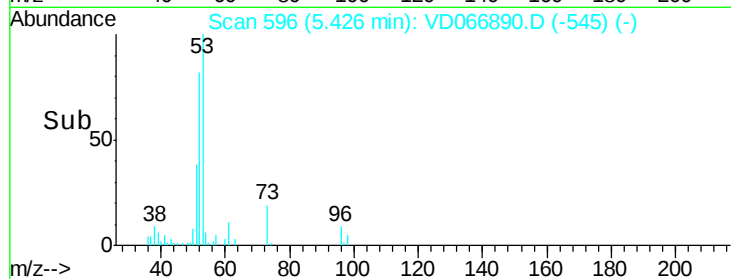
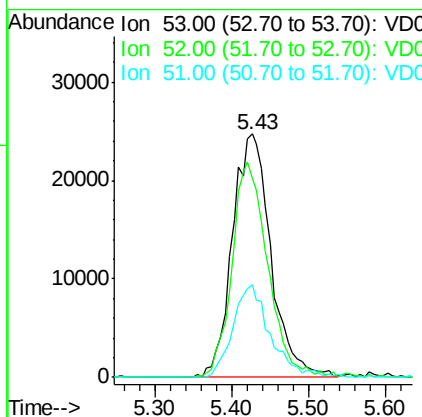
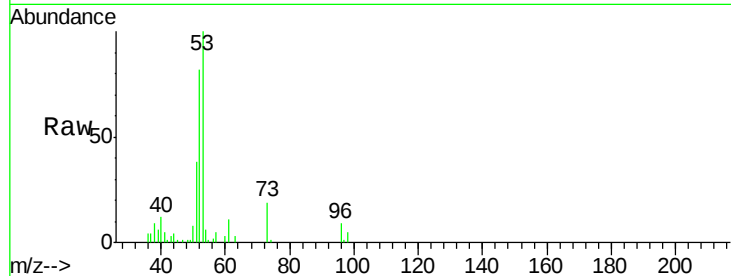
#15  
 Acrylonitrile  
 Concen: 107.911 ug/l  
 RT: 5.43 min Scan# 596  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.6  | 65.2  | 97.8  |
| 51      | 35.7  | 30.6  | 46.0  |

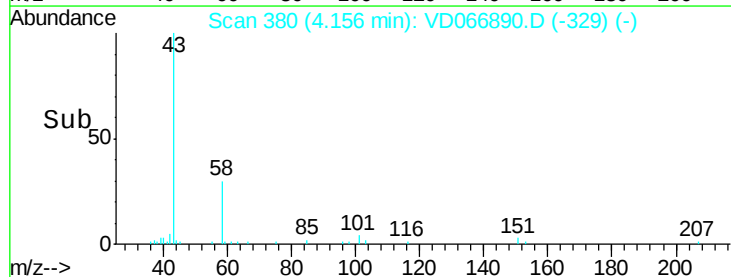
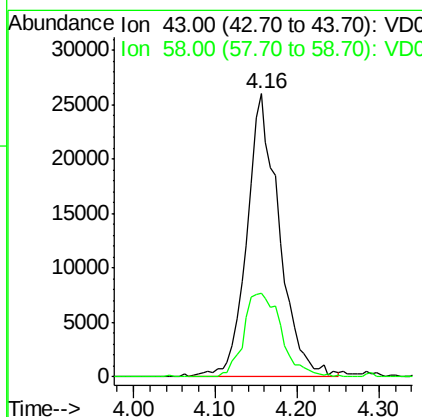
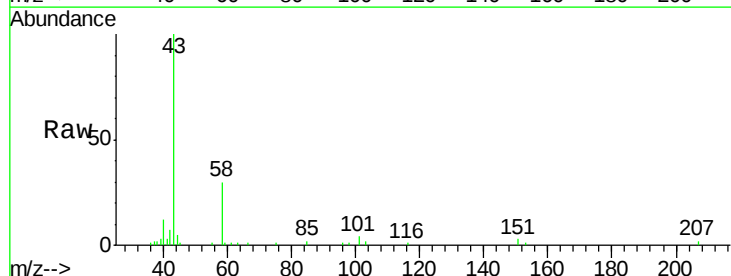
Manual Integrations  
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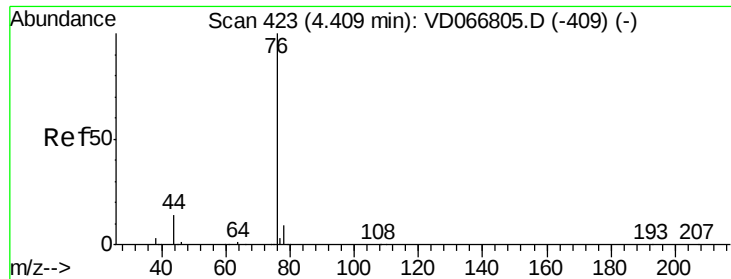
MMDadoda  
 9/29/2020 11:45:31 AM



#16  
 Acetone  
 Concen: 90.234 ug/l  
 RT: 4.16 min Scan# 380  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 29.5  | 25.6  | 38.4  |





#17

Carbon Disulfide

Concen: 19.888 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBSD02

Tot Ion: 76 Resp: 227239

Ion Ratio Lower Upper

76 100

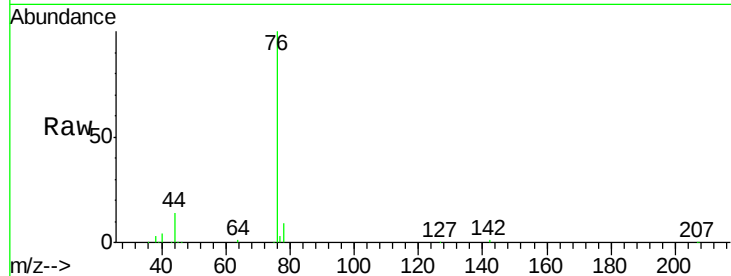
78 9.4 7.6 11.4

Manual Integrations

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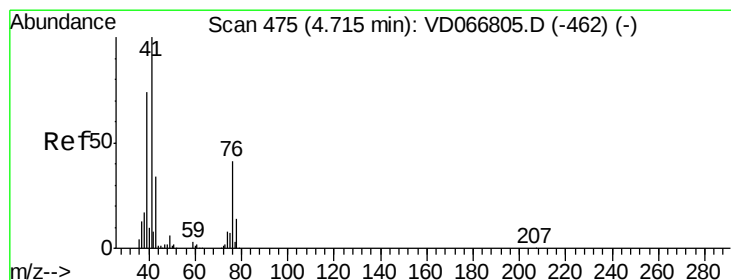
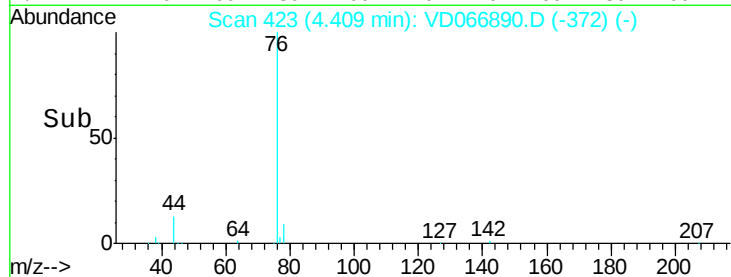
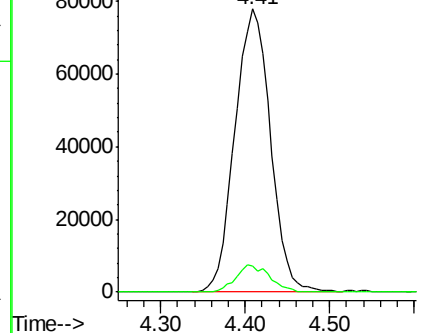
MMDadoda

9/29/2020 11:45:31 AM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.266 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066890.D

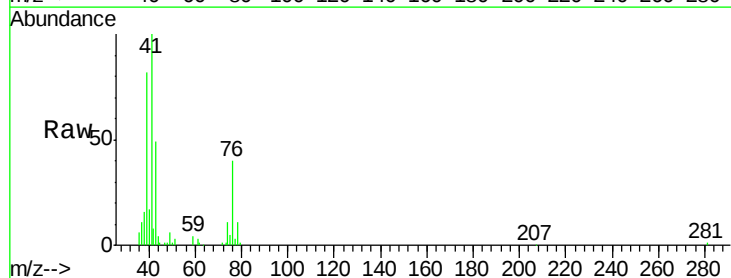
Acq: 26 Sep 2020 00:21

Tgt Ion: 43 Resp: 46207

Ion Ratio Lower Upper

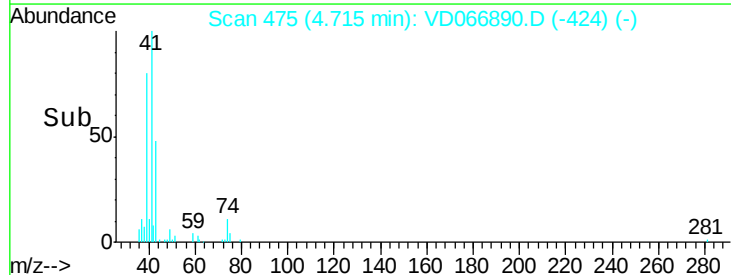
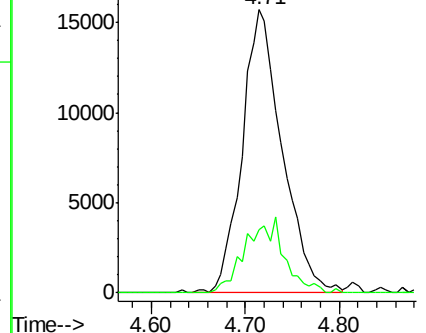
43 100

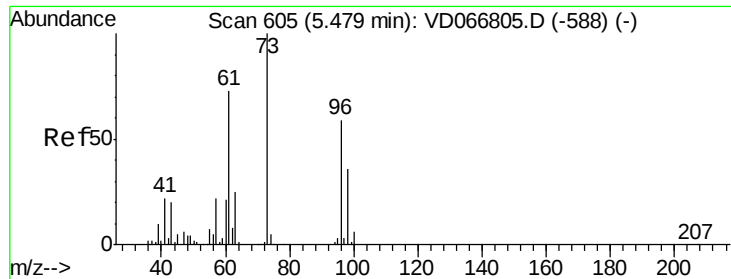
74 25.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





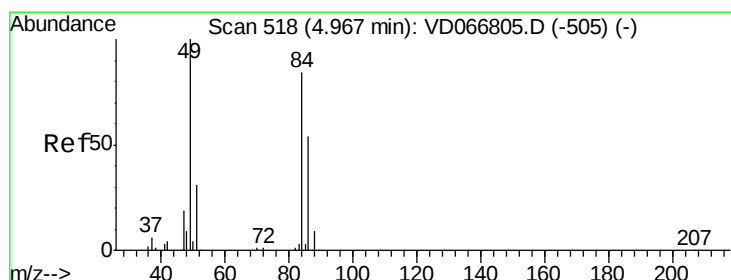
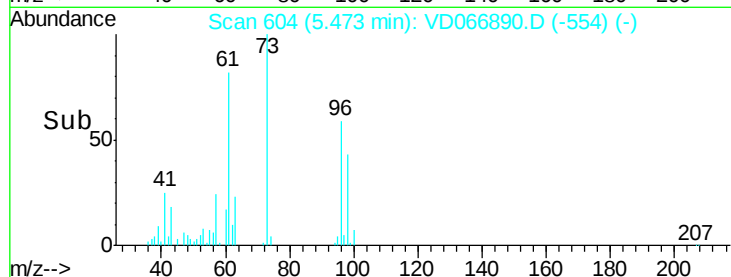
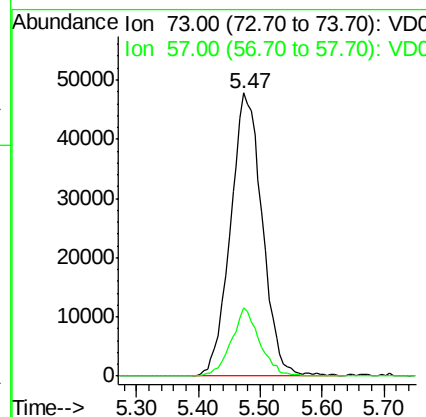
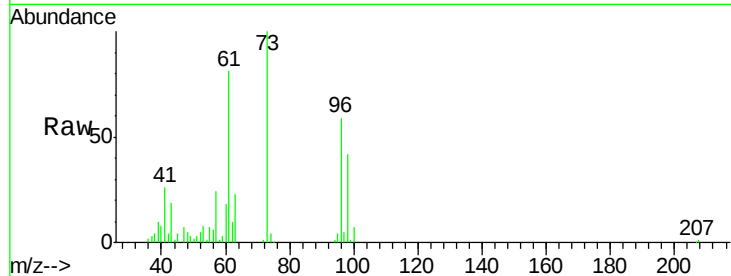
#19  
Methyl tert-butyl Ether  
Concen: 21.039 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0925SBS02

Tot Ion: 73 Resp: 170755  
Ion Ratio Lower Upper  
73 100  
57 24.2 17.4 26.2

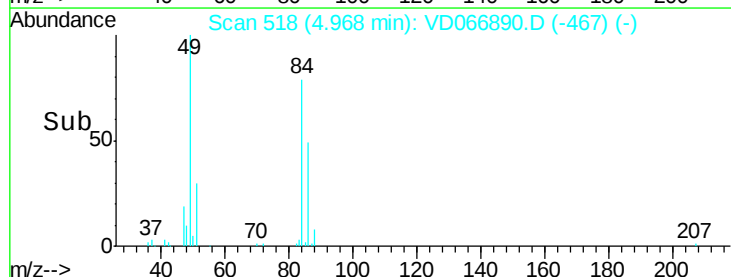
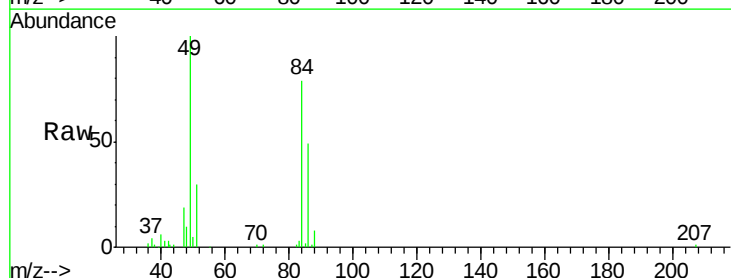
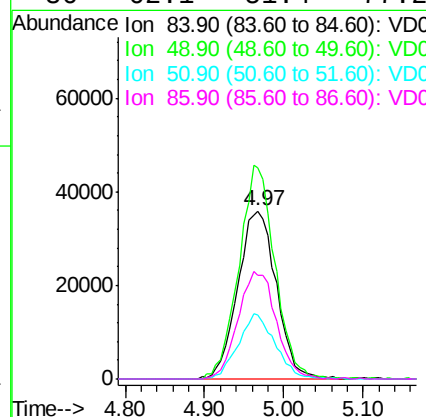
Manual Integrations  
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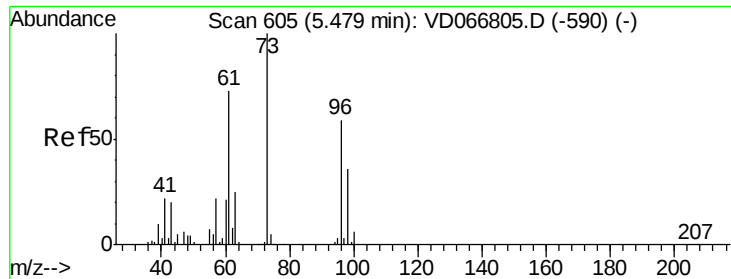
MMDadoda  
9/29/2020 11:45:31 AM



#20  
Methylene Chloride  
Concen: 25.364 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Tgt Ion: 84 Resp: 120745  
Ion Ratio Lower Upper  
84 100  
49 125.9 95.4 143.2  
51 38.0 29.7 44.5  
86 62.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.647 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

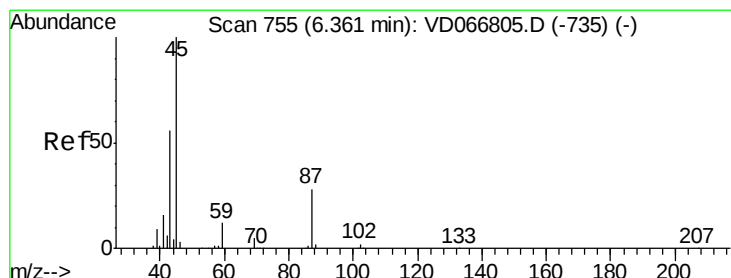
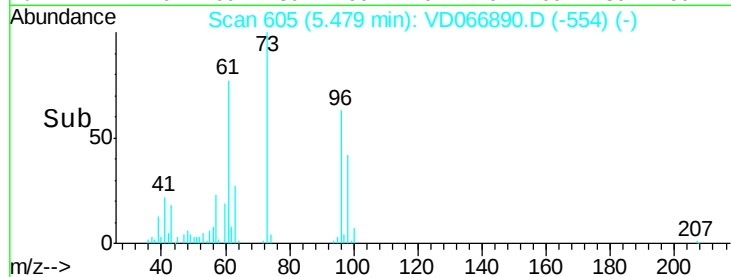
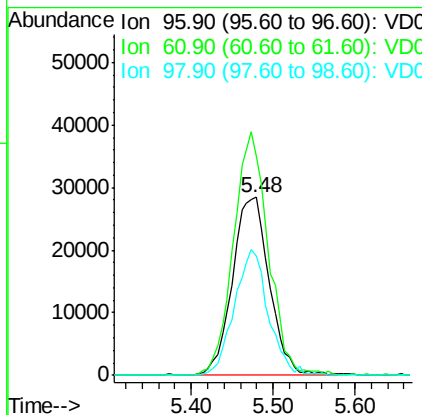
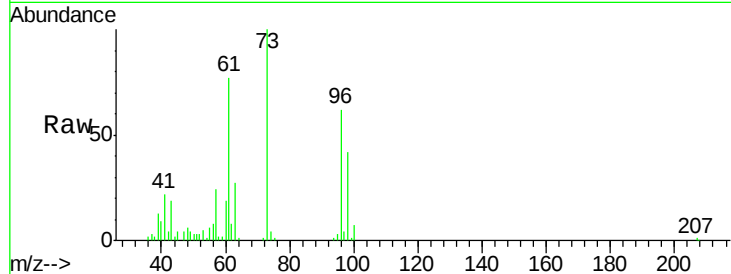
ClientSampleId :

VD0925SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 89347 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 123.1 | 98.9  | 148.3 |
| 98       | 66.9  | 48.4  | 72.6  |

Manual Integrations  
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MMDadoda  
9/29/2020 11:45:31 AM



#22

Diisopropyl ether

Concen: 20.817 ug/l

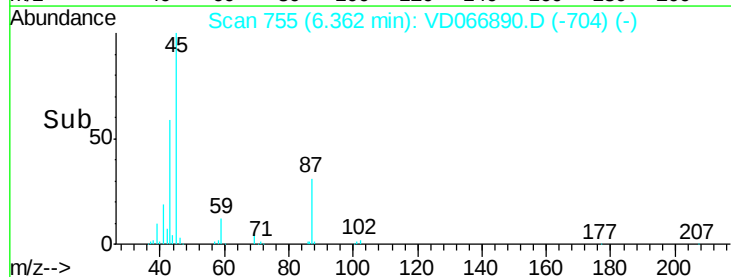
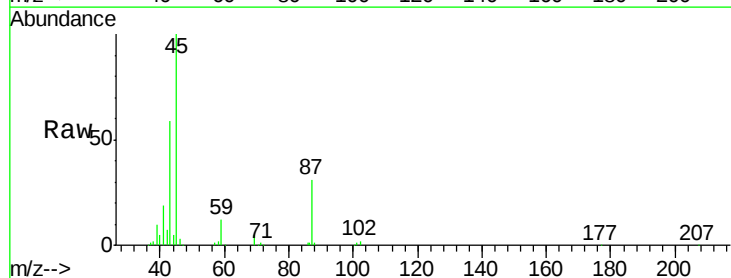
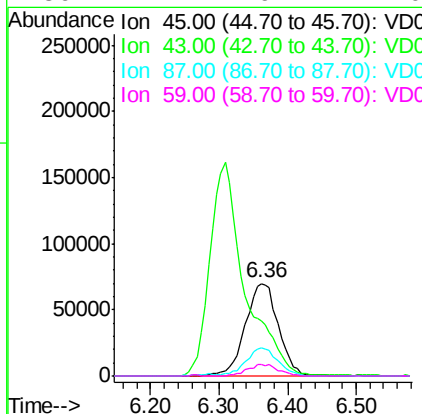
RT: 6.36 min Scan# 755

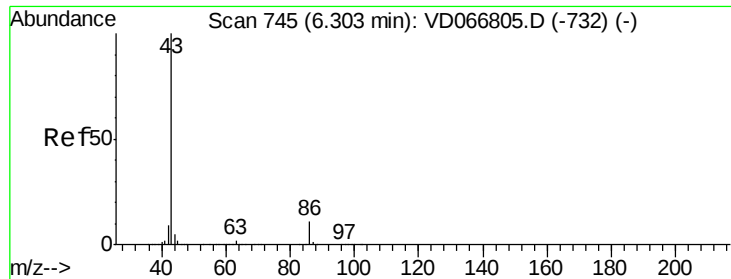
Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 234896 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 58.5  | 44.5  | 66.7   |
| 87       | 30.9  | 22.9  | 34.3   |
| 59       | 12.4  | 9.4   | 14.0   |





#23

Vinyl Acetate

Concen: 94.697 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion: 43 Resp: 569864

Ion Ratio Lower Upper

43 100

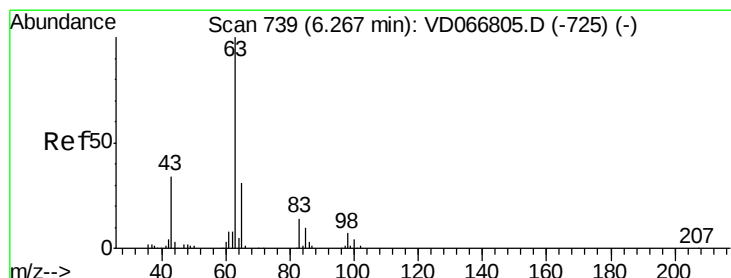
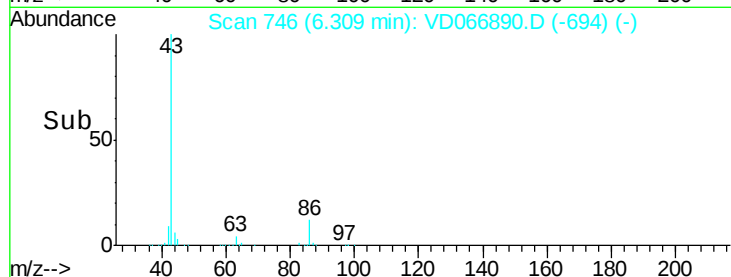
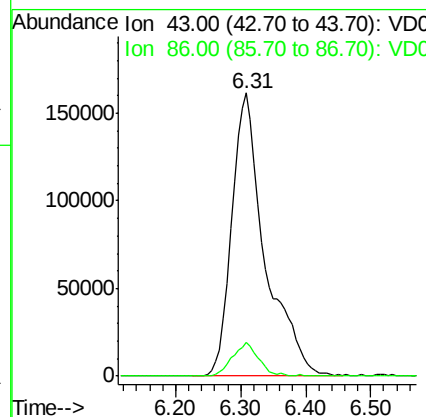
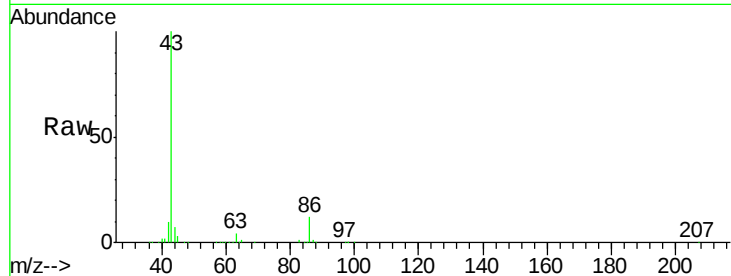
86 11.8 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.428 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

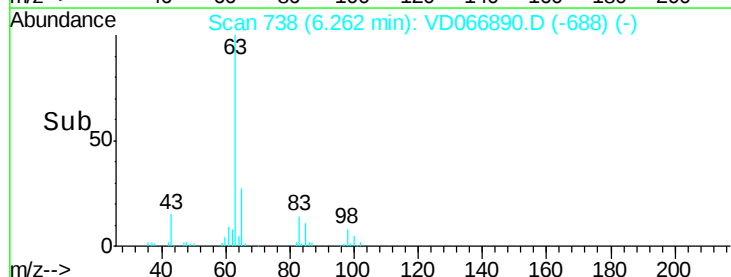
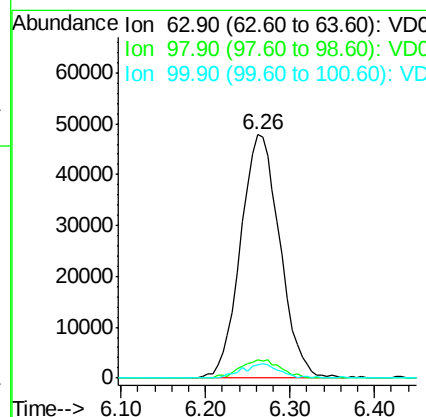
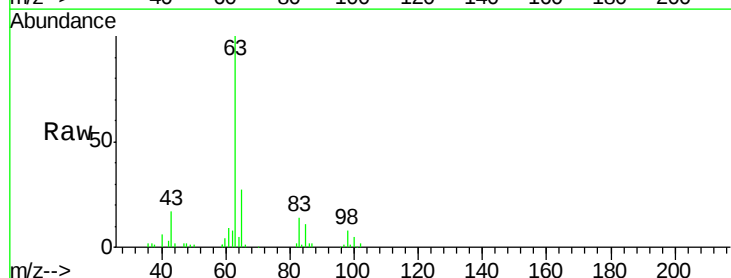
Tgt Ion: 63 Resp: 154202

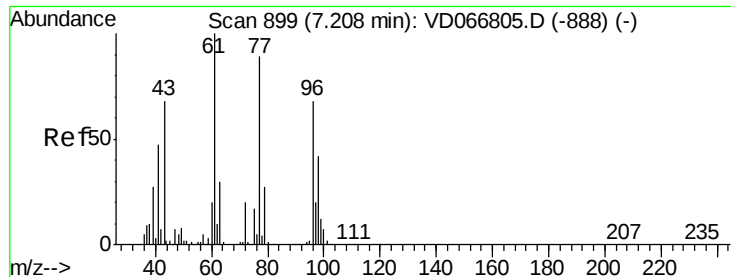
Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 5.3 1.8 5.5





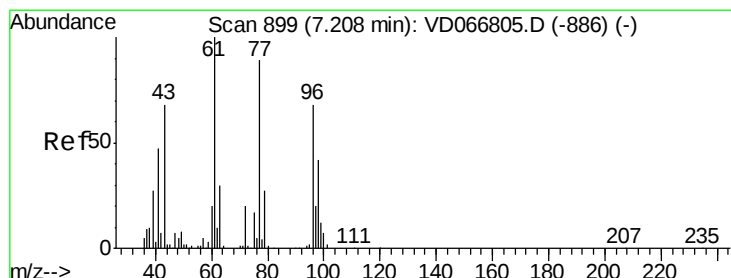
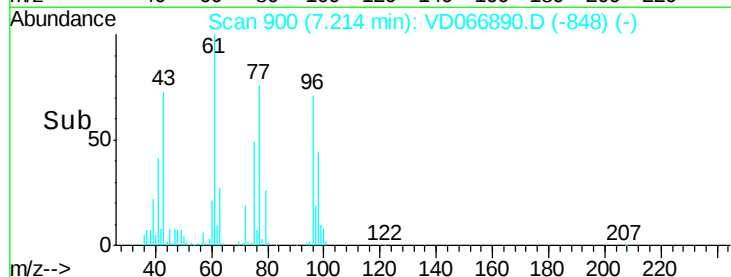
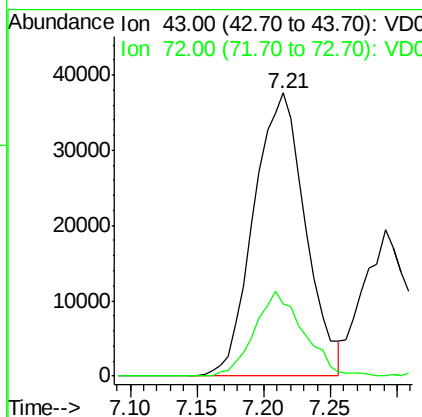
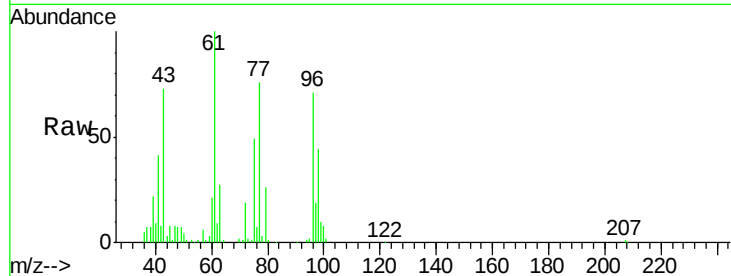
#25  
2-Butanone  
Concen: 106.140 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBSD02

Tot Ion: 43 Resp: 101077  
Ion Ratio Lower Upper  
43 100  
72 25.7 22.9 34.3

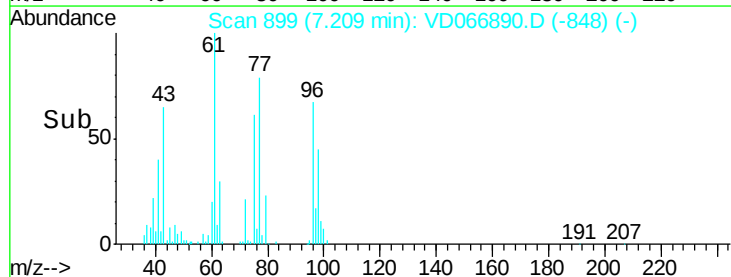
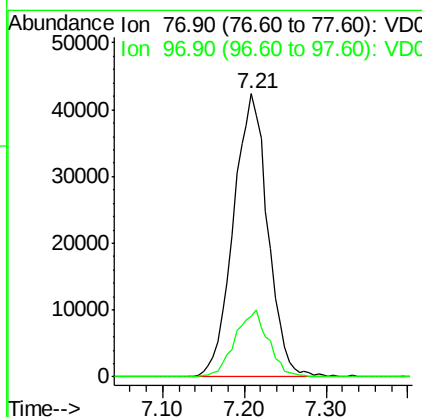
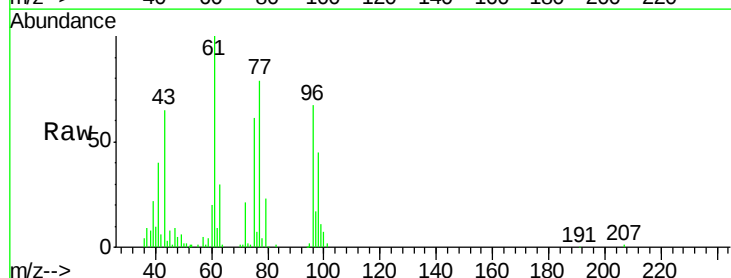
Manual Integrations  
APPROVED

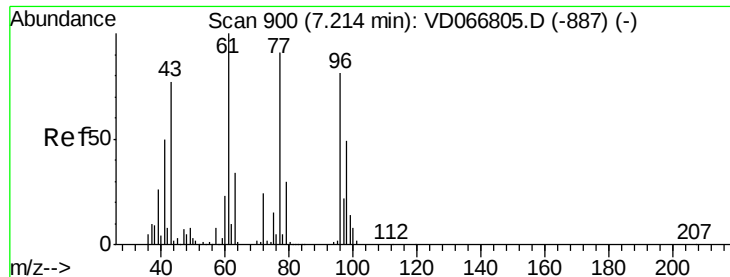
MMDadoda  
9/29/2020 11:45:31 AM



#26  
2,2-Dichloropropane  
Concen: 17.898 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Tgt Ion: 77 Resp: 123832  
Ion Ratio Lower Upper  
77 100  
97 22.7 11.7 35.1





#27

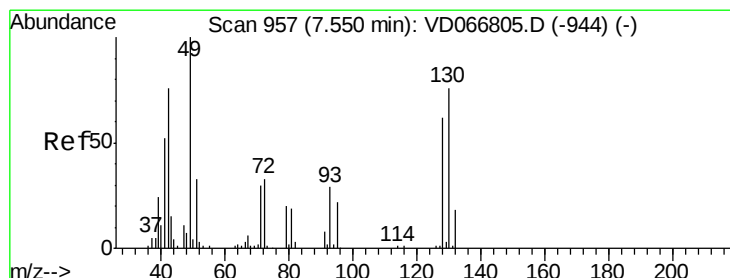
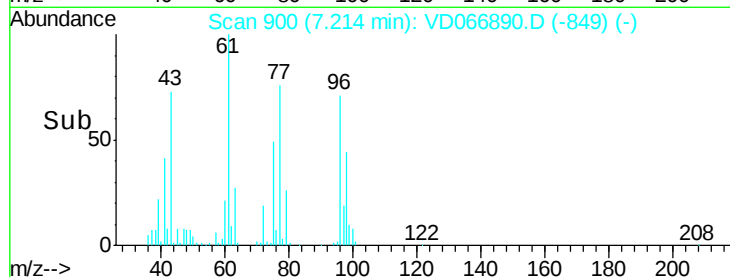
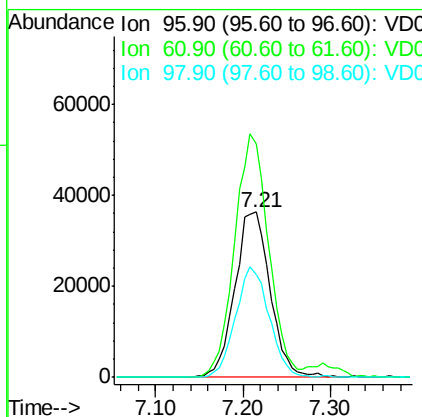
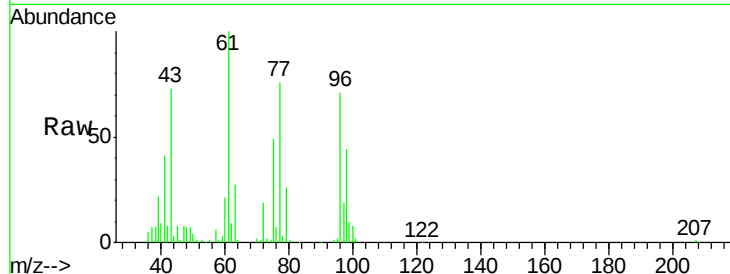
cis-1,2-Dichloroethene  
Concen: 21.127 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 142.0 | 0.0  | 283.8 |       |
| 98      | 63.5  | 0.0  | 128.4 |       |

Manual Integrations  
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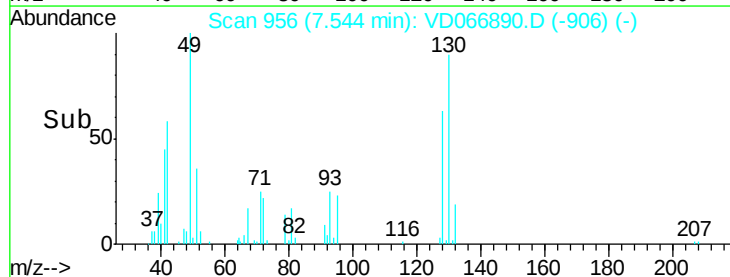
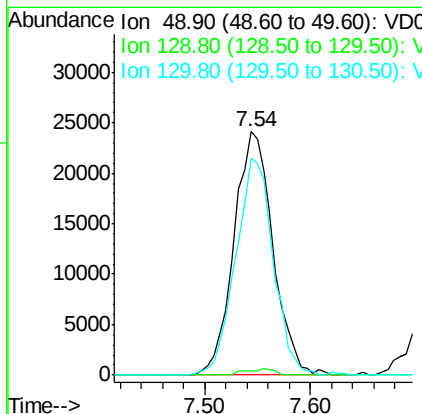
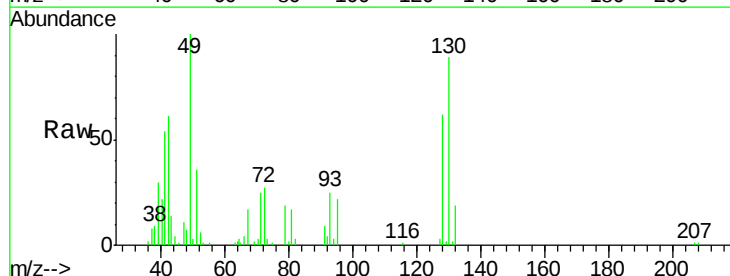
MMDadoda  
9/29/2020 11:45:31 AM

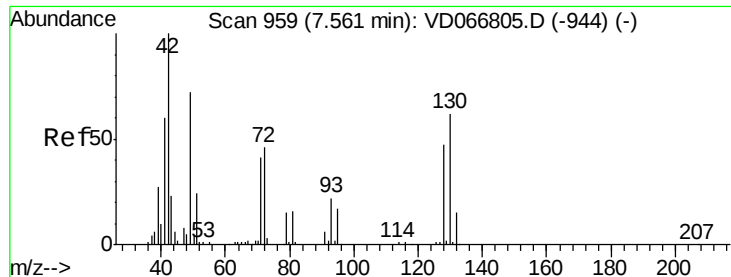


#28

Bromochloromethane  
Concen: 19.754 ug/l  
RT: 7.54 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 1.9   | 0.0  | 2.0   |       |
| 130     | 86.3  | 65.9 | 98.9  |       |





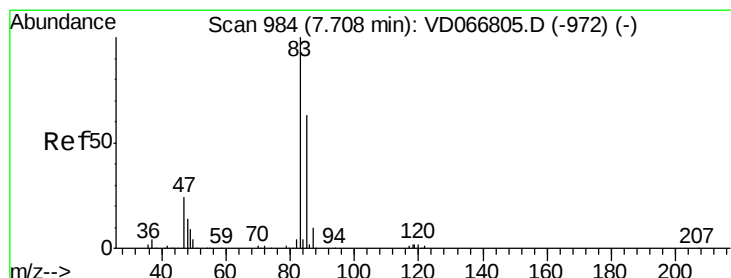
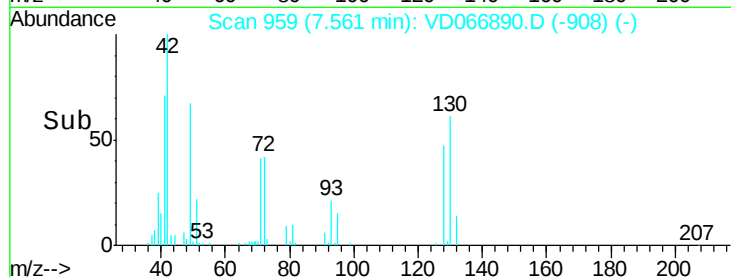
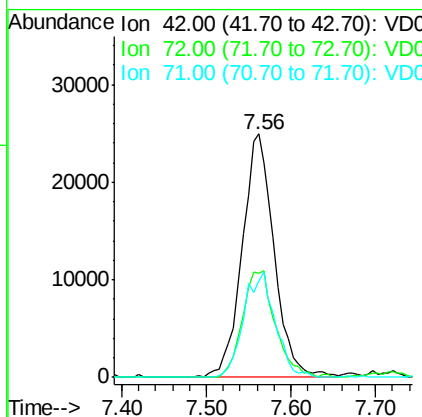
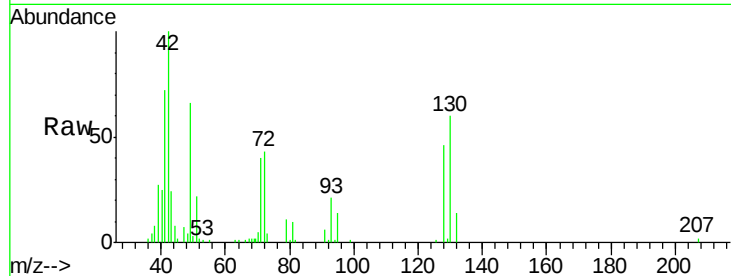
#29  
Tetrahydrofuran  
Concen: 107.572 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.9  | 36.2  | 54.4  |
| 71      | 42.5  | 32.4  | 48.6  |

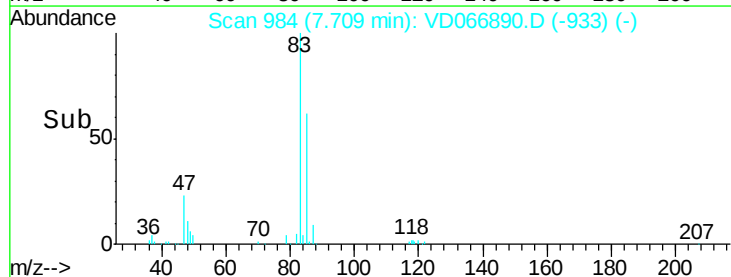
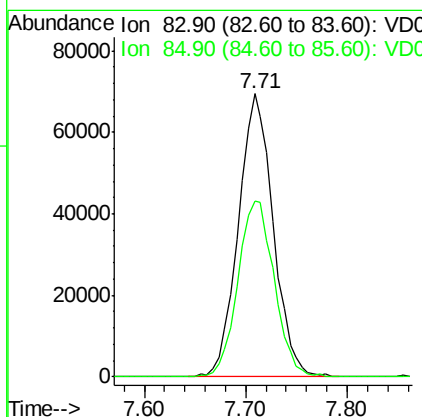
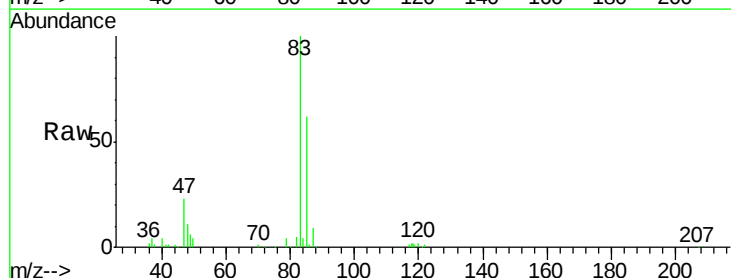
Manual Integrations  
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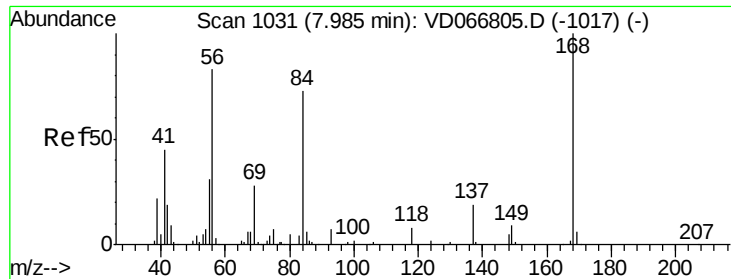
MMDadoda  
9/29/2020 11:45:31 AM



#30  
Chloroform  
Concen: 20.314 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.2  | 50.6  | 75.8  |





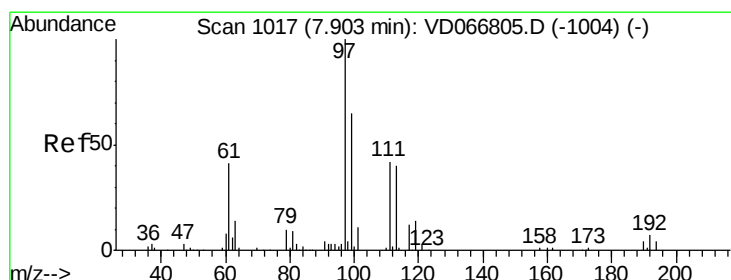
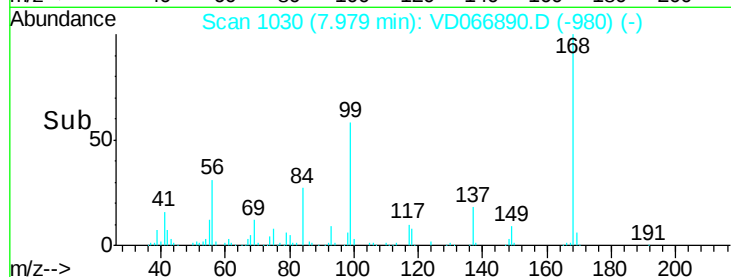
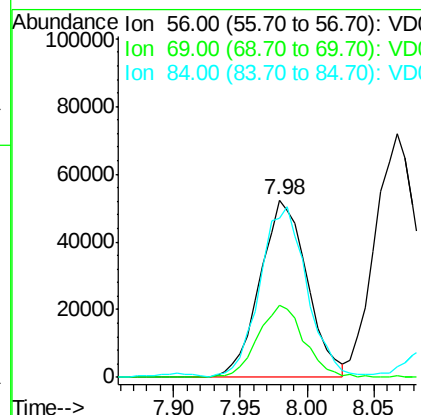
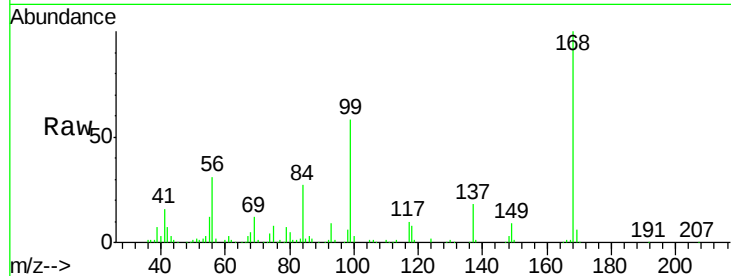
#31  
Cyclohexane  
Concen: 18.912 ug/l  
RT: 7.98 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 56      | 100   |      |       |       |
| 69      | 40.5  | 27.0 | 40.4# |       |
| 84      | 88.1  | 70.2 | 105.4 |       |

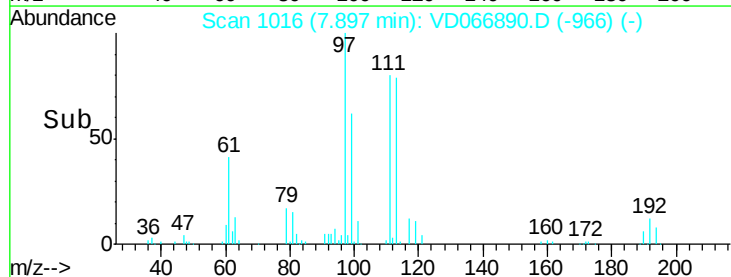
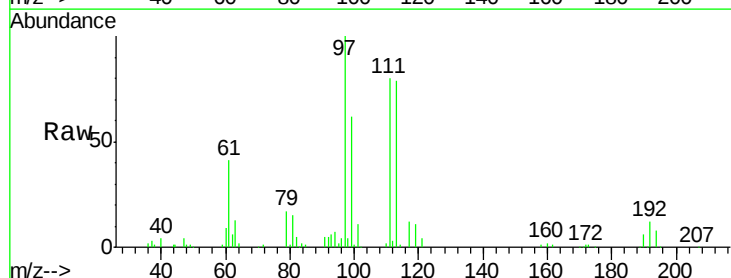
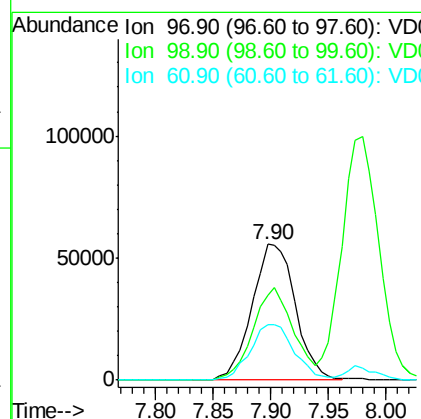
Manual Integrations  
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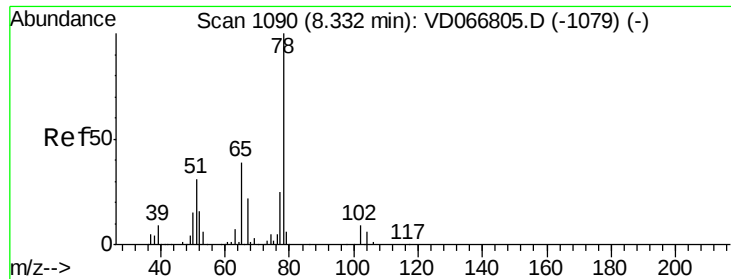
MMDadoda  
9/29/2020 11:45:31 AM



#32  
1,1,1-Trichloroethane  
Concen: 19.749 ug/l  
RT: 7.90 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 97      | 100   |      |       |       |
| 99      | 63.6  | 51.5 | 77.3  |       |
| 61      | 41.6  | 34.2 | 51.4  |       |





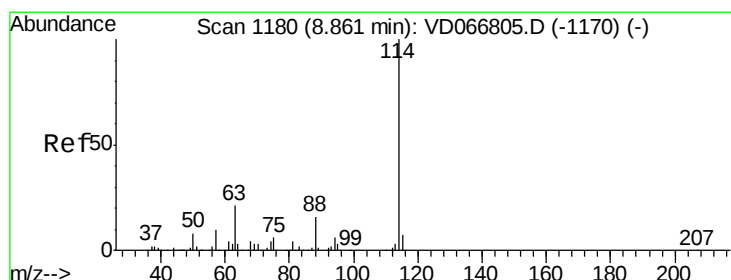
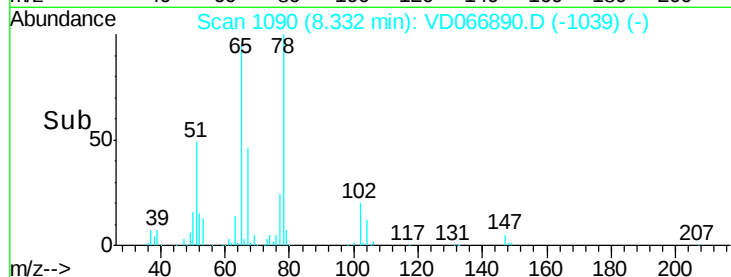
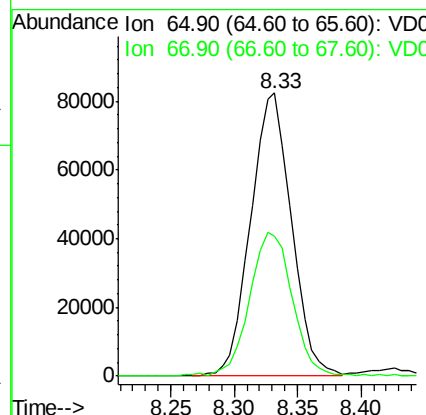
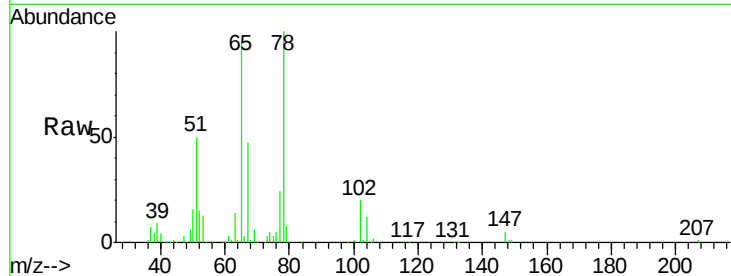
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.383 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 184475 |       |       |
| 67      | 53.4  | 0.0    | 107.2 |       |

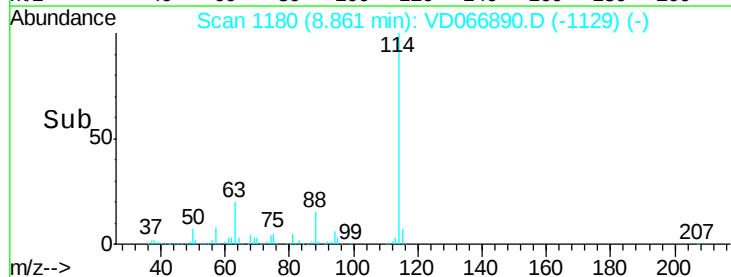
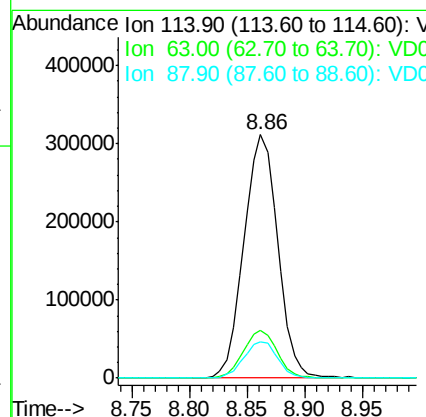
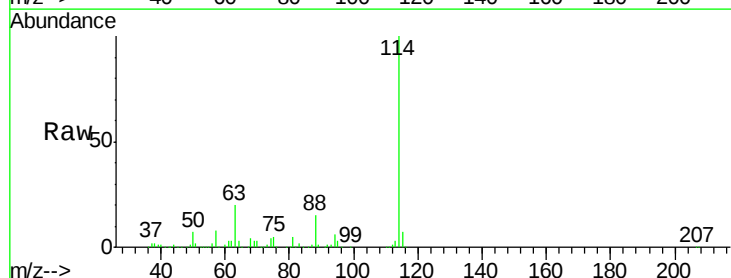
Manual Integrations  
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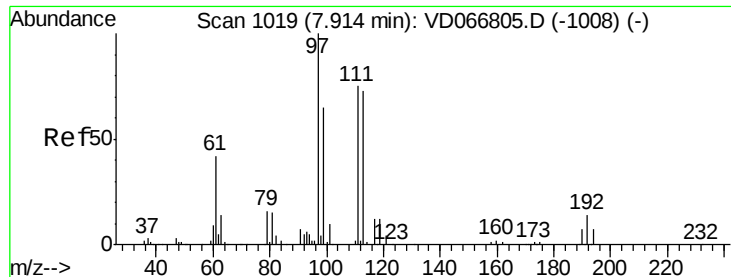
MMDadoda  
 9/29/2020 11:45:31 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 637405 |       |       |
| 63      | 19.8  | 0.0    | 42.6  |       |
| 88      | 15.0  | 0.0    | 32.6  |       |





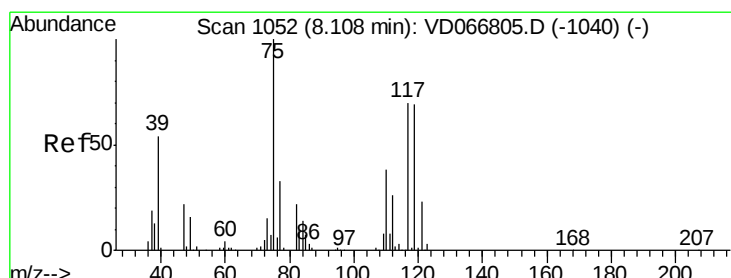
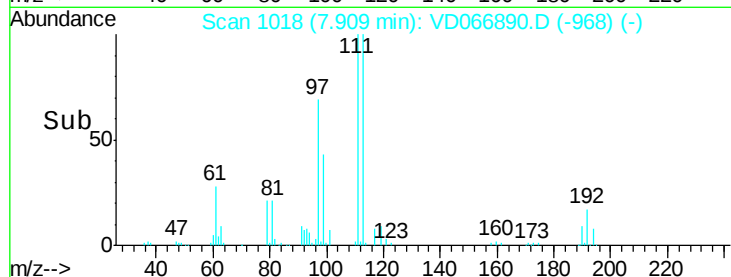
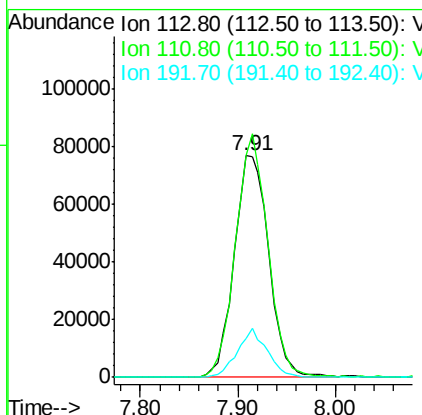
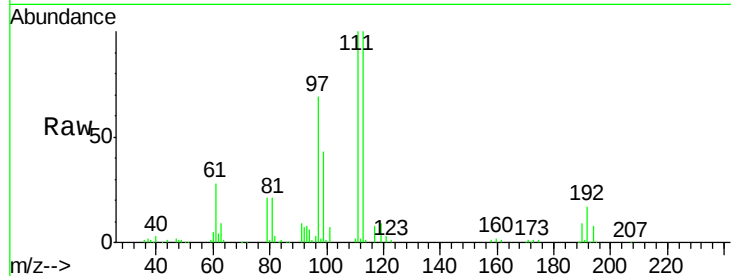
#35  
 Dibromofluoromethane  
 Concen: 46.886 ug/l  
 RT: 7.91 min Scan# 1018  
 Delta R.T. -0.01 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 190130 |       |       |
| 111     | 103.1 | 81.8   | 122.8 |       |
| 192     | 19.1  | 14.4   | 21.6  |       |

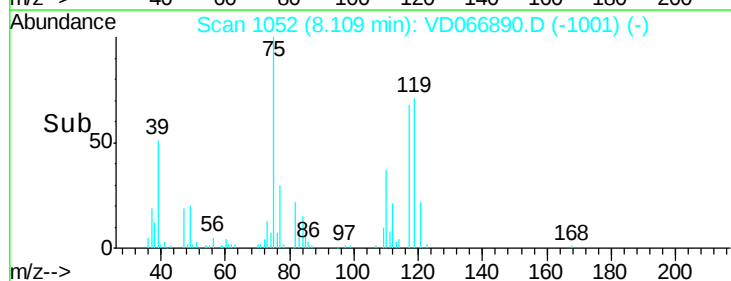
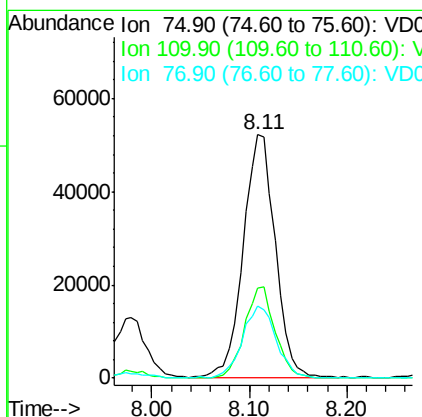
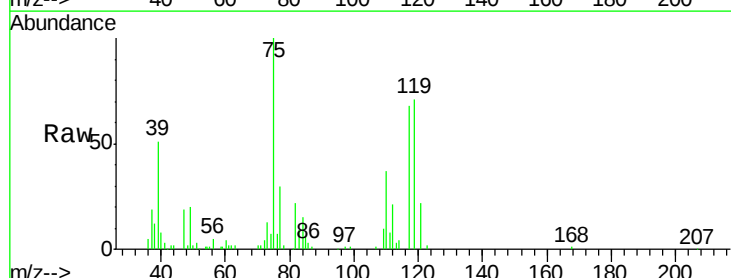
Manual Integrations  
 APPROVED

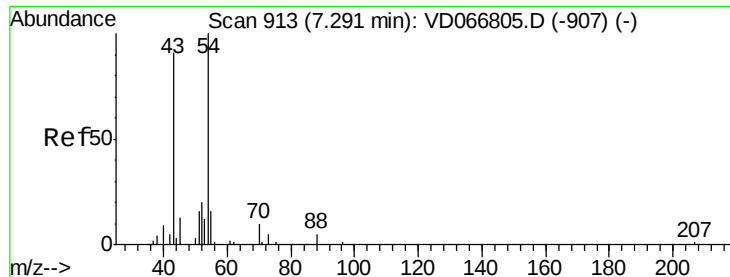
MMDadoda  
 9/29/2020 11:45:31 AM



#36  
 1,1-Dichloropropene  
 Concen: 18.977 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 120002 |       |       |
| 110     | 35.3  | 17.9   | 53.8  |       |
| 77      | 31.1  | 25.0   | 37.6  |       |





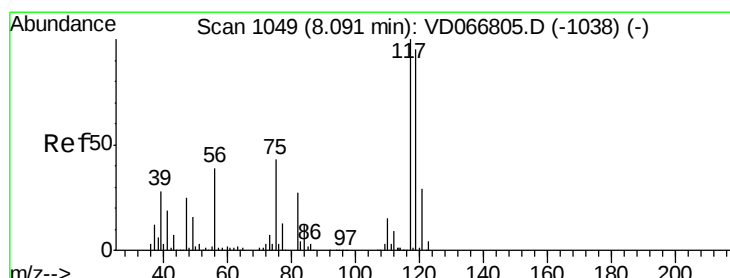
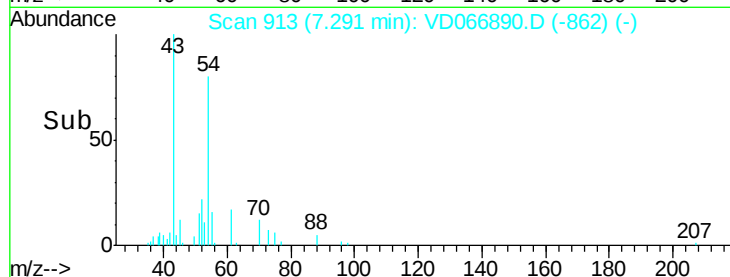
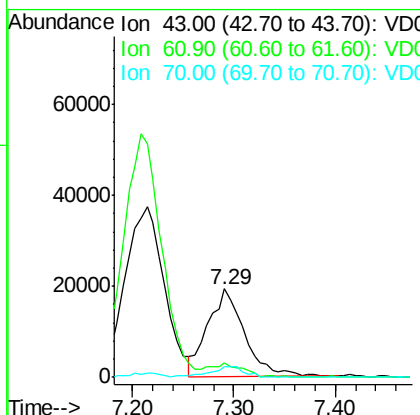
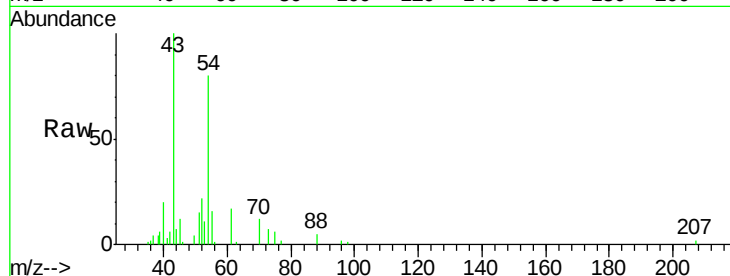
#37  
Ethyl Acetate  
Concen: 21.097 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.1  | 9.8   | 14.8# |
| 70      | 11.2  | 8.5   | 12.7  |

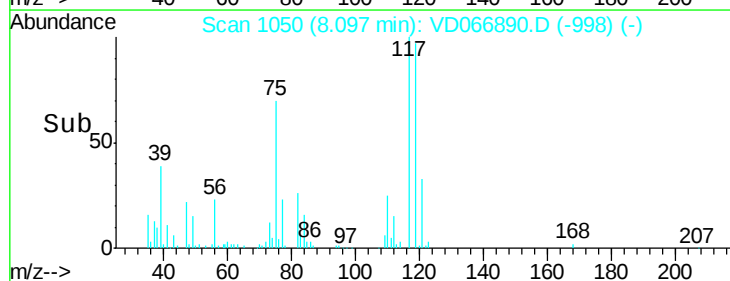
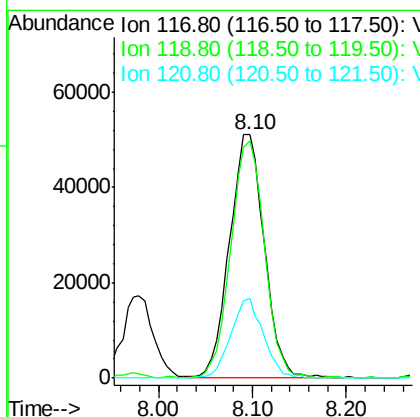
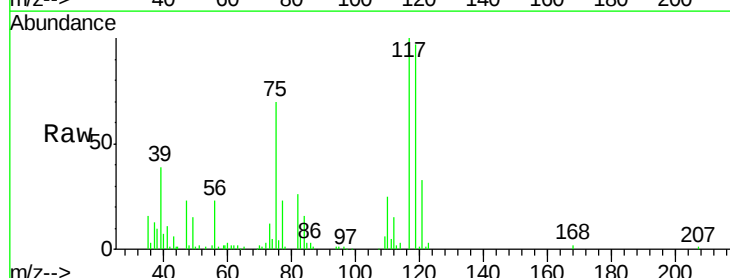
Manual Integrations  
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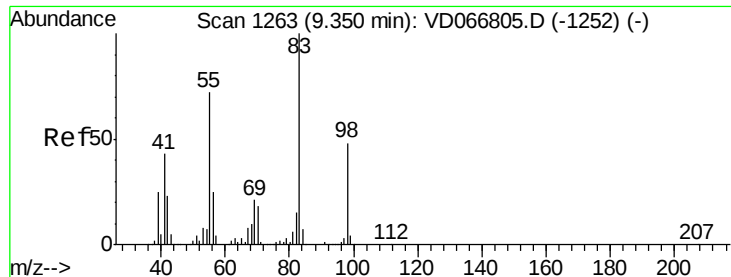
MMDadoda  
9/29/2020 11:45:31 AM



#38  
Carbon Tetrachloride  
Concen: 18.997 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.4  | 75.8  | 113.8 |
| 121     | 32.7  | 23.4  | 35.0  |





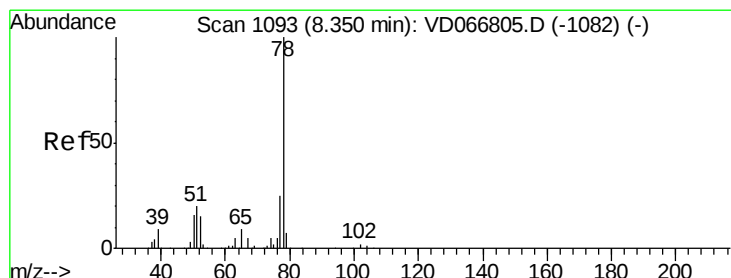
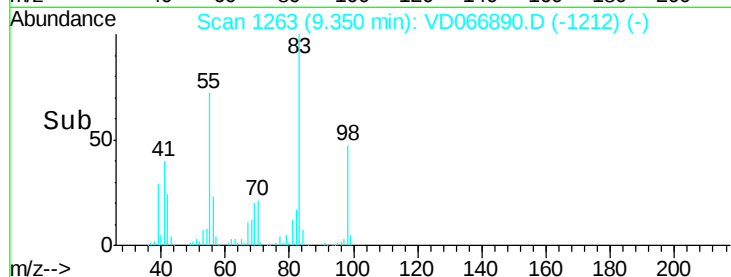
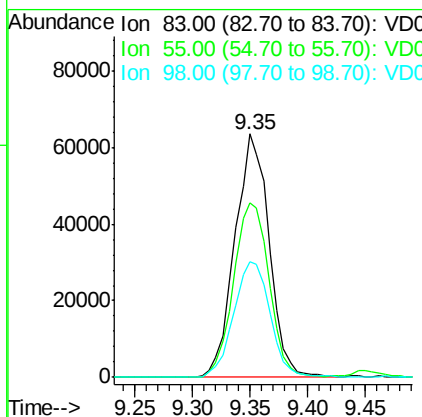
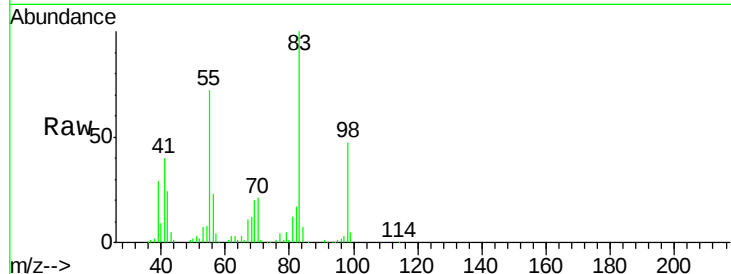
#39  
Methvlcvclohexane  
Concen: 18.056 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.6  | 57.7  | 86.5  |
| 98      | 47.3  | 38.4  | 57.6  |

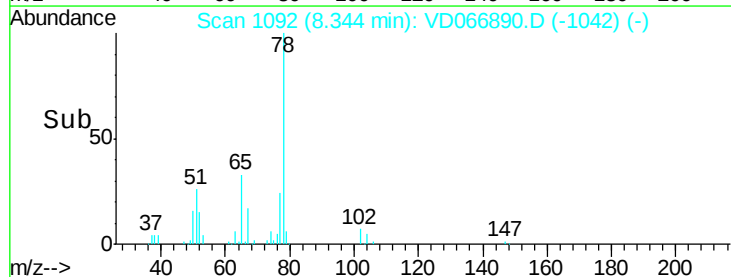
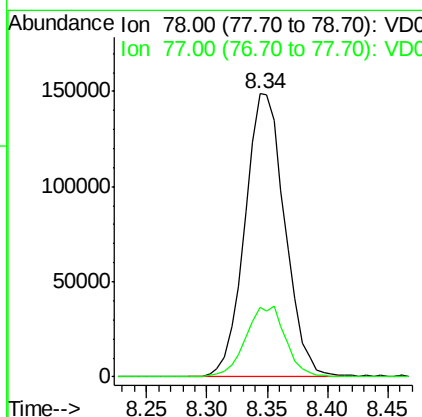
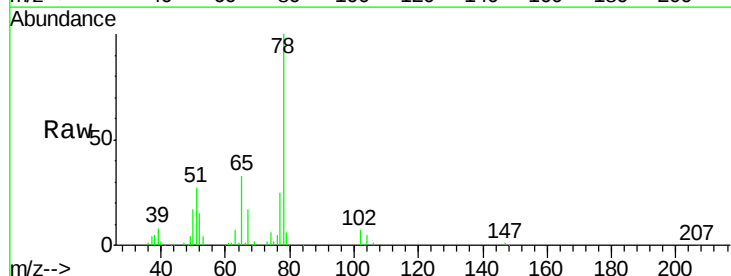
Manual Integrations  
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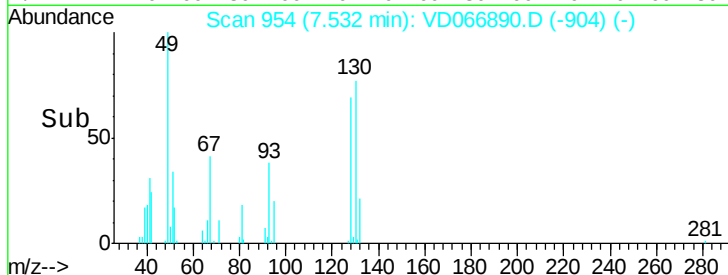
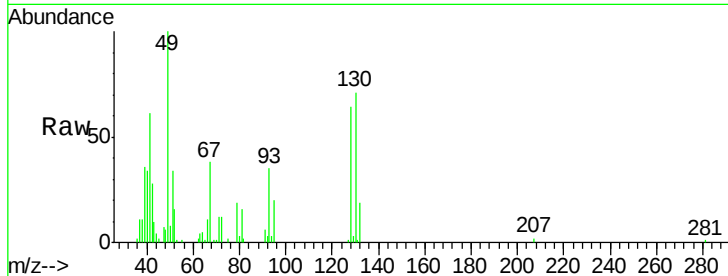
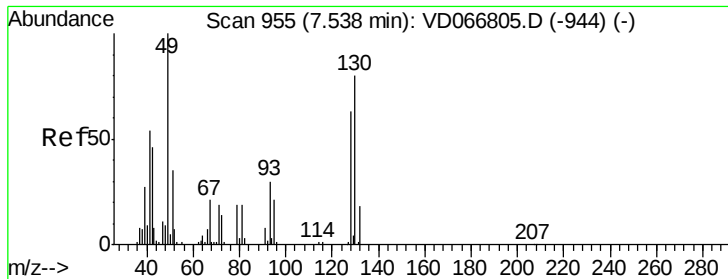
MMDadoda  
9/29/2020 11:45:31 AM



#40  
Benzene  
Concen: 19.516 ug/l  
RT: 8.34 min Scan# 1092  
Delta R.T. -0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.6  | 19.9  | 29.9  |





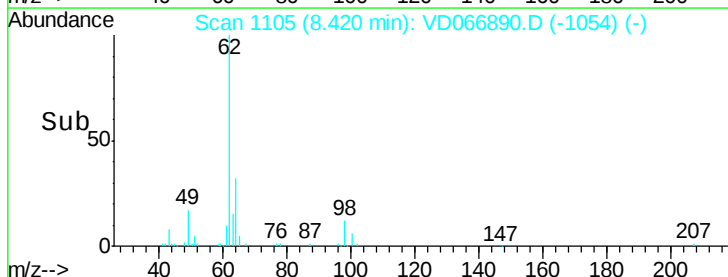
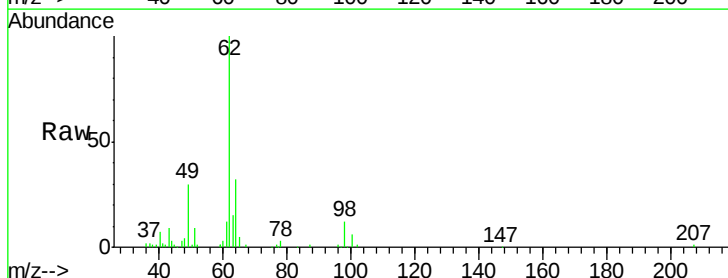
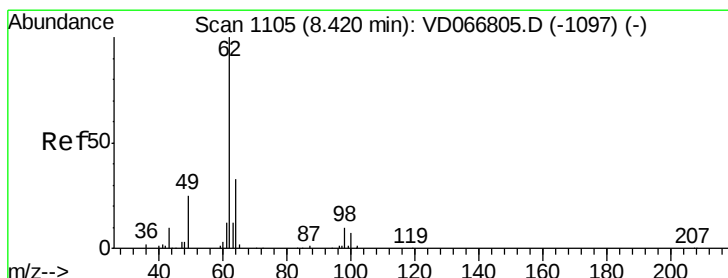
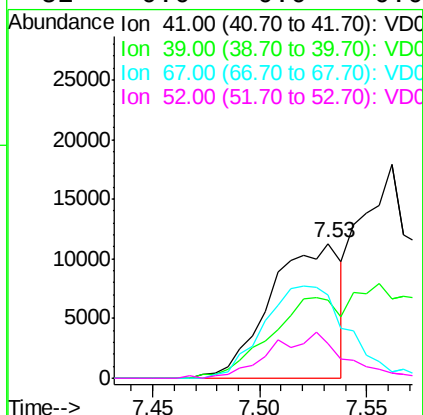
#41  
Methacrylonitrile  
Concen: 18.444 ug/l m  
RT: 7.53 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tot Ion | 41    | Resp  | 25929 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 67.4  | 0.0   | 0.0#  |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

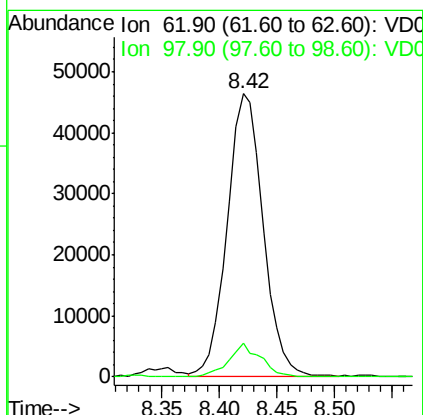
Manual Integrations  
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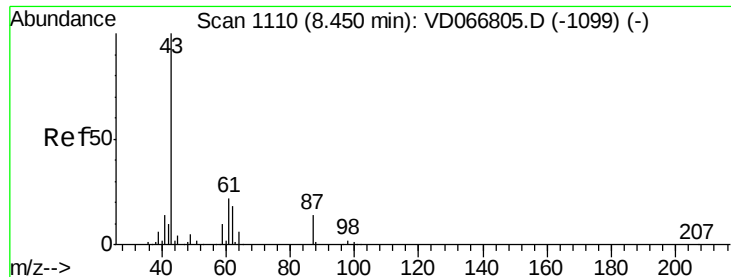
MMDadoda  
9/29/2020 11:45:31 AM



#42  
1,2-Dichloroethane  
Concen: 19.317 ug/l  
RT: 8.42 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | 62    | Resp  | 100640 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 10.3  | 0.0   | 19.8   |





#43

Isopropyl Acetate

Concen: 19.787 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

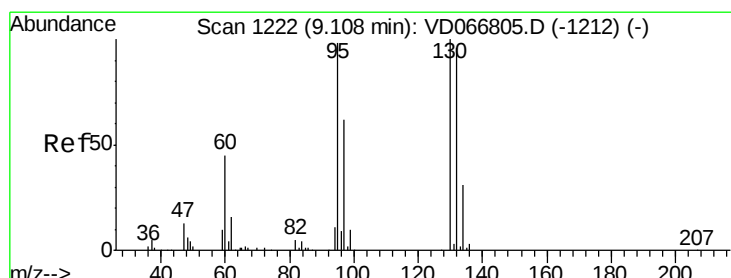
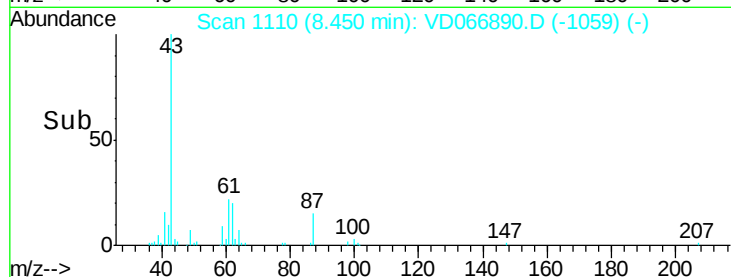
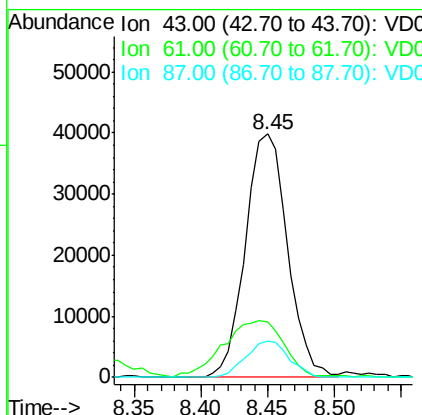
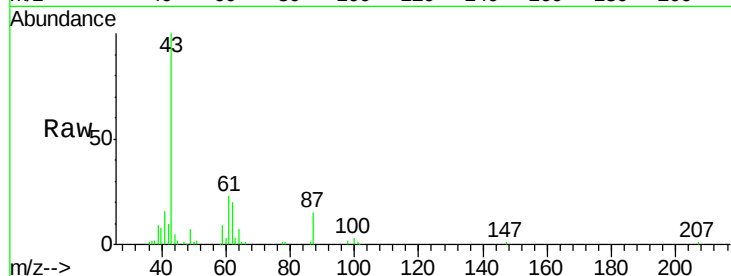
ClientSampleId :

VD0925SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 87208 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 33.8  | 26.2  | 39.4  |
| 87       | 15.3  | 11.5  | 17.3  |

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#44

Trichloroethene

Concen: 19.734 ug/l

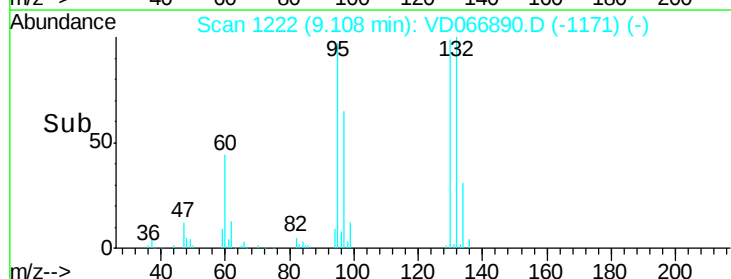
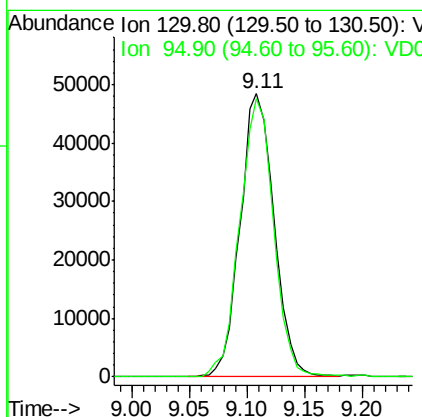
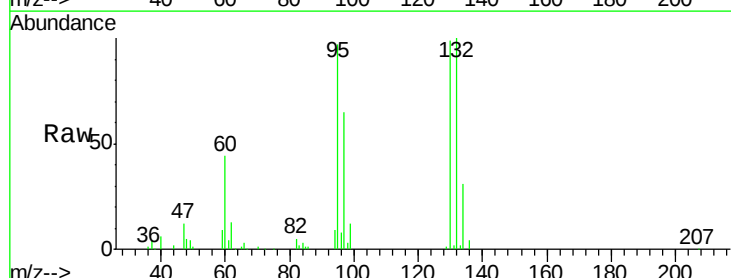
RT: 9.11 min Scan# 1222

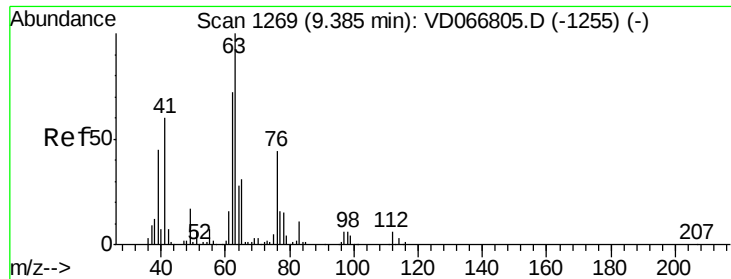
Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 99132 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 98.4  | 0.0   | 197.0 |





#45

1,2-Dichloropropane

Concen: 19.835 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion: 63 Resp: 87950

Ion Ratio Lower Upper

63 100

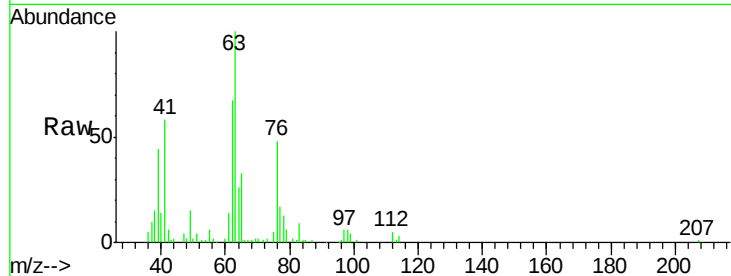
65 32.8 24.7 37.1

Manual Integrations

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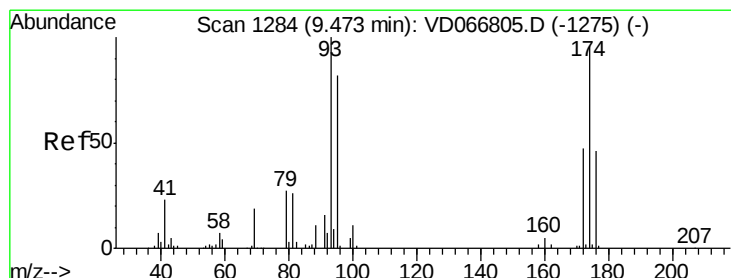
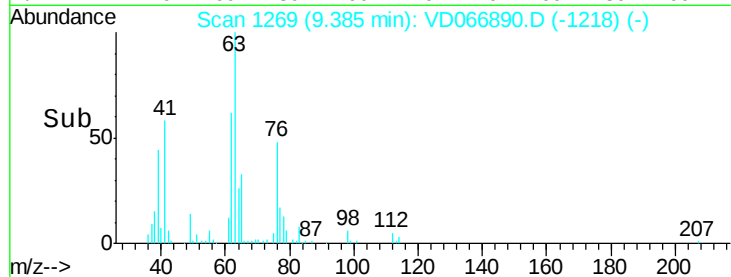
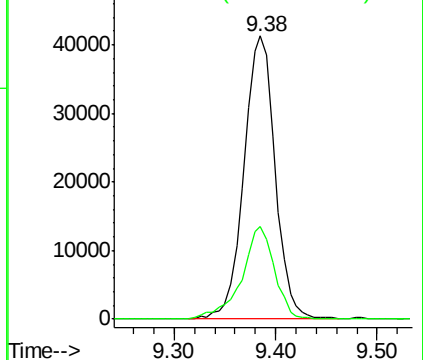
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.562 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

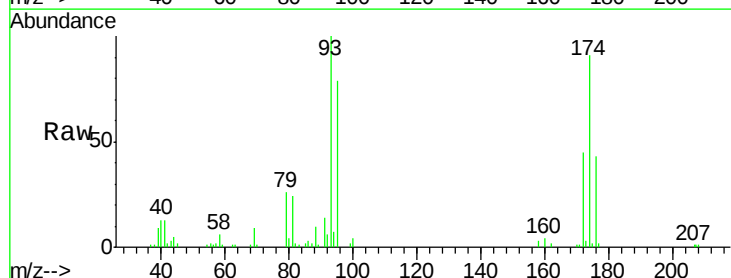
Tgt Ion: 93 Resp: 49537

Ion Ratio Lower Upper

93 100

95 84.7 65.3 97.9

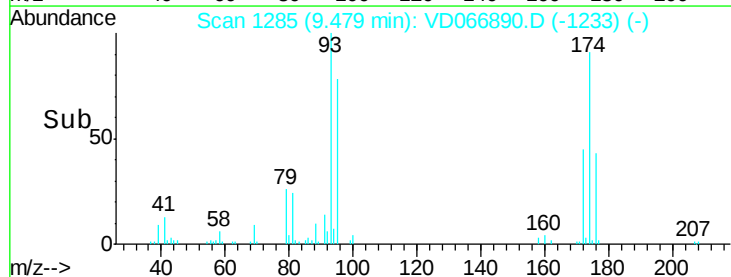
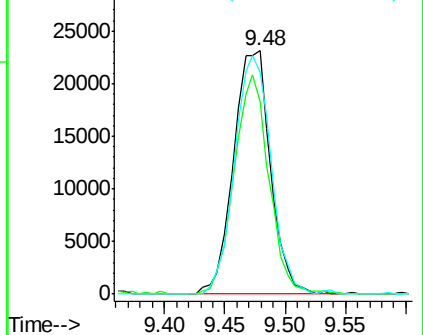
174 96.4 75.4 113.2

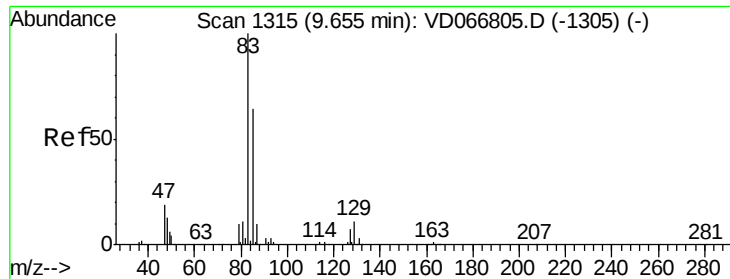


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.817 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

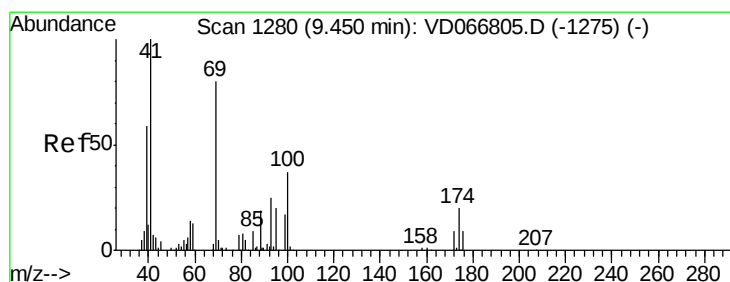
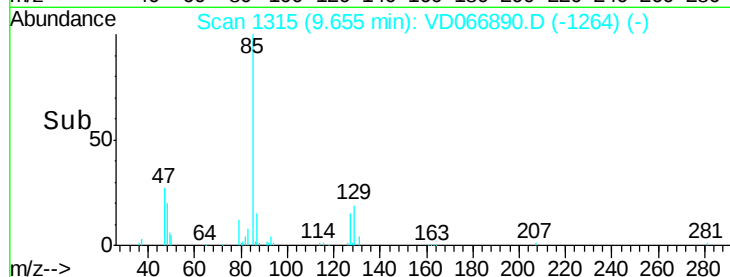
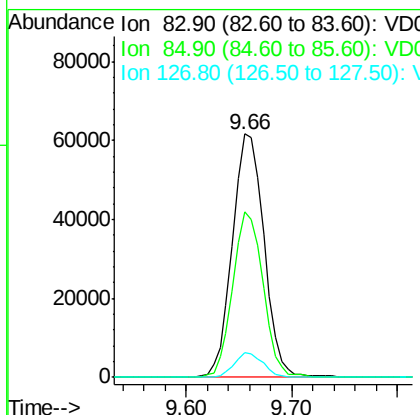
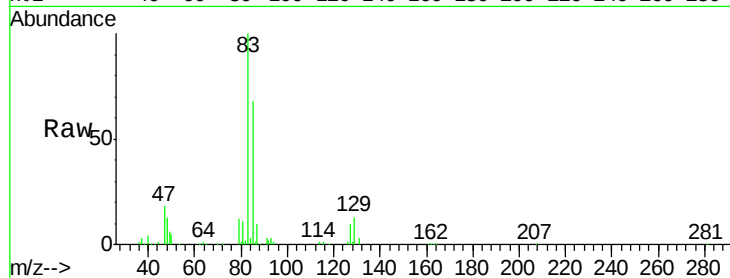
ClientSampleId :

VD0925SBSD02

| Tot Ion | 83    | Resp  | 128252 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 85      | 67.8  | 50.9  | 76.3   |
| 127     | 10.4  | 5.9   | 8.9#   |

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#48

Methyl methacrylate

Concen: 18.729 ug/l

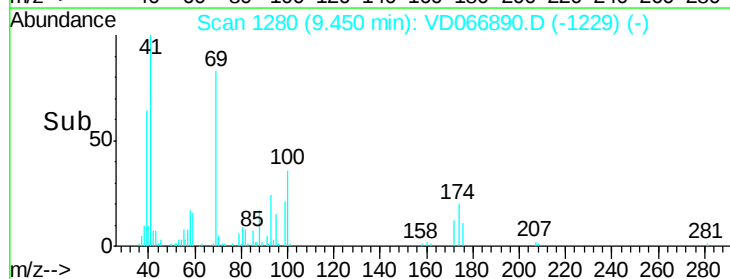
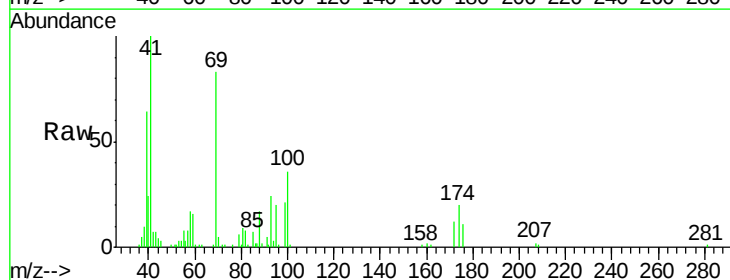
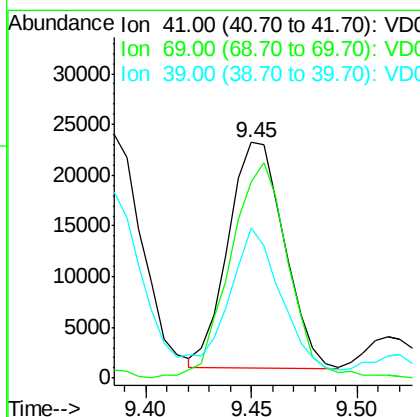
RT: 9.45 min Scan# 1280

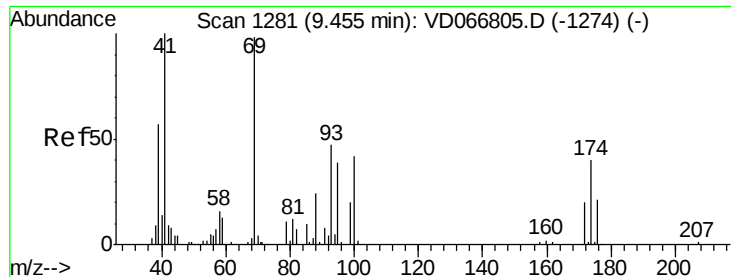
Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

| Tgt Ion | 41    | Resp  | 40699 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 69      | 100.0 | 74.5  | 111.7 |
| 39      | 55.6  | 47.0  | 70.6  |





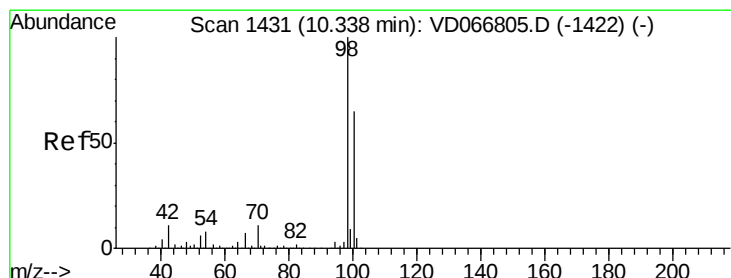
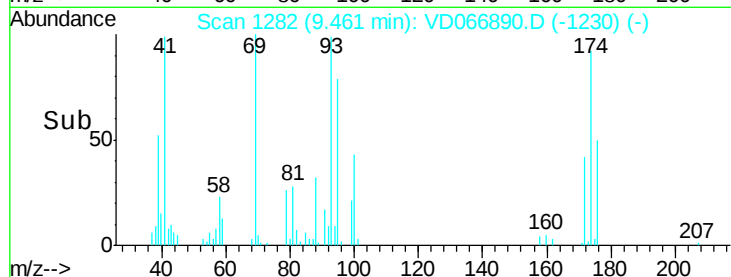
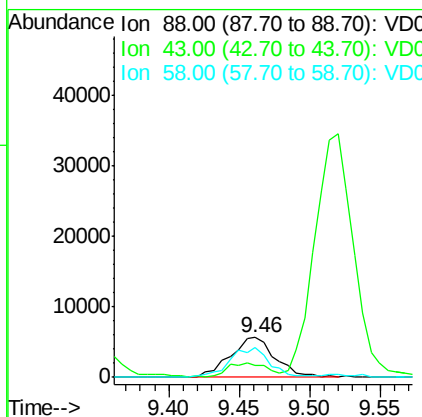
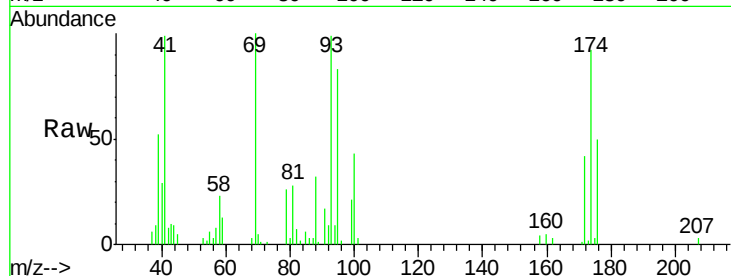
#49  
1,4-Dioxane  
Concen: 401.368 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. 0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBSD02

| Tot Ion   | 88    | Resp  | 12663 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 33.0  | 27.7  | 41.5  |
| 58        | 65.8  | 55.5  | 83.3  |

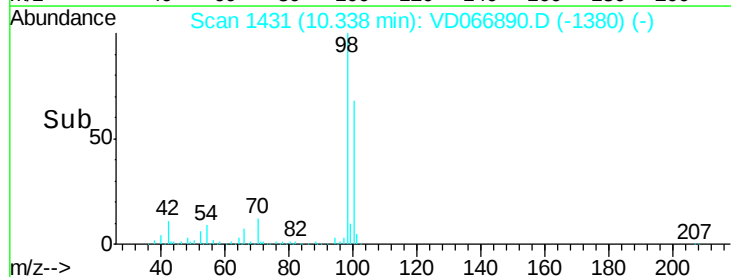
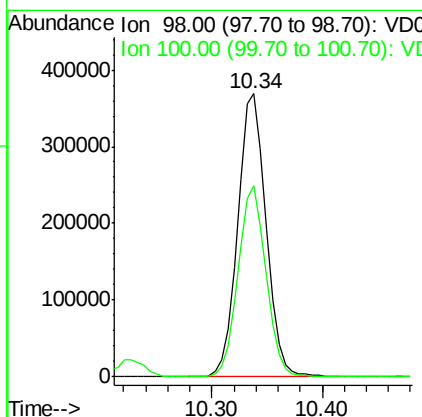
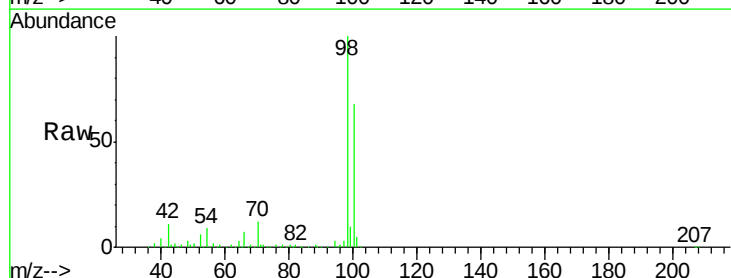
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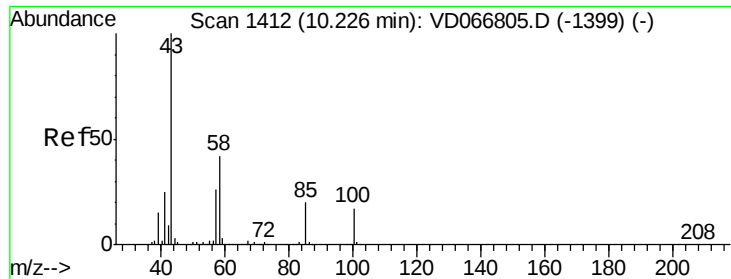
MMDadoda  
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#50  
Toluene-d8  
Concen: 48.136 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion   | 98    | Resp  | 665085 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 66.6  | 52.2  | 78.2   |





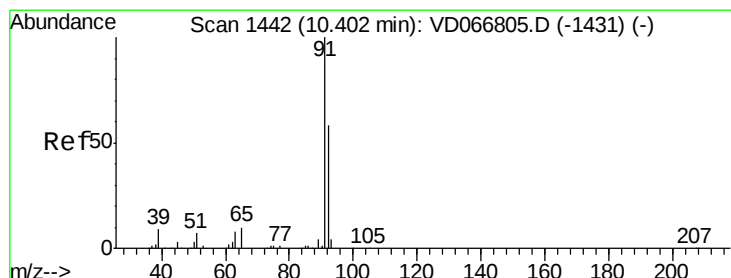
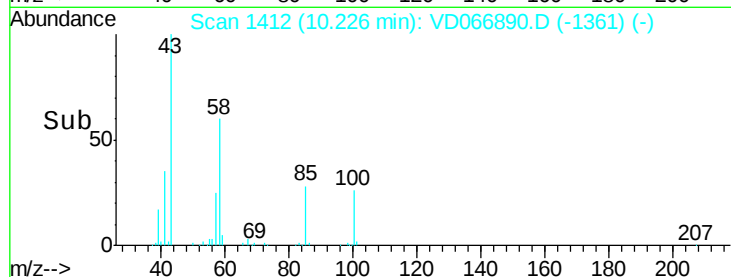
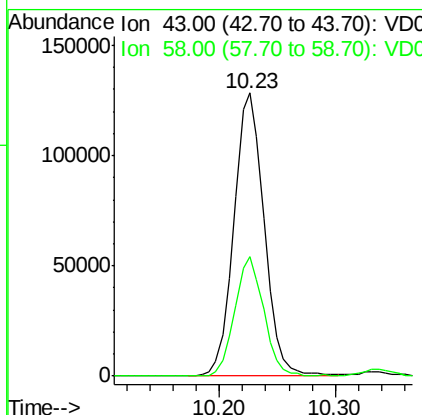
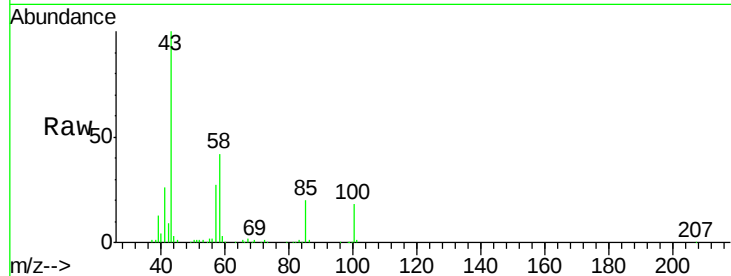
#51  
4-Methyl-2-Pentanone  
Concen: 104.225 ug/l  
RT: 10.23 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0925SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 40.4  | 32.2  | 48.4  |

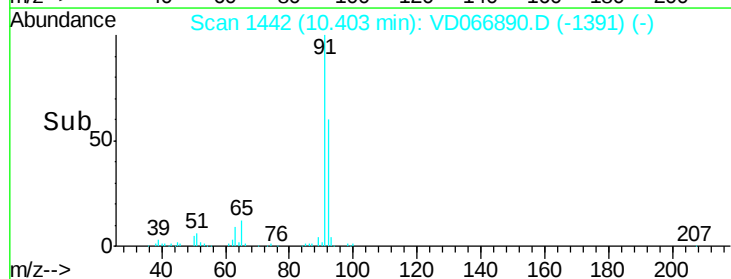
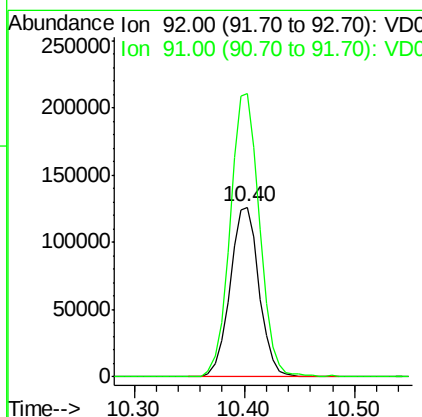
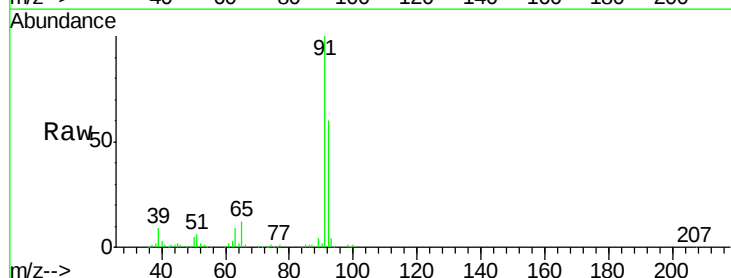
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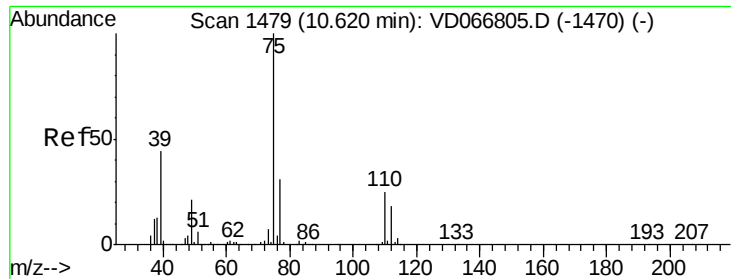
MMDadoda  
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#52  
Toluene  
Concen: 20.595 ug/l  
RT: 10.40 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 168.7 | 134.6 | 202.0 |





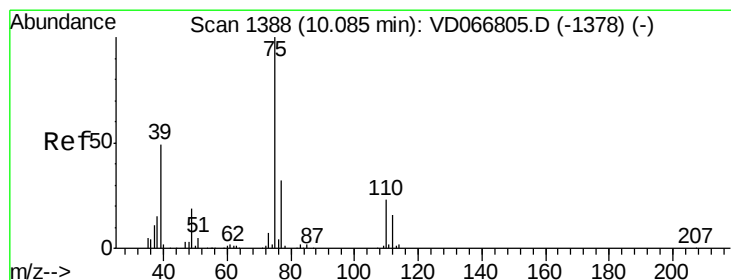
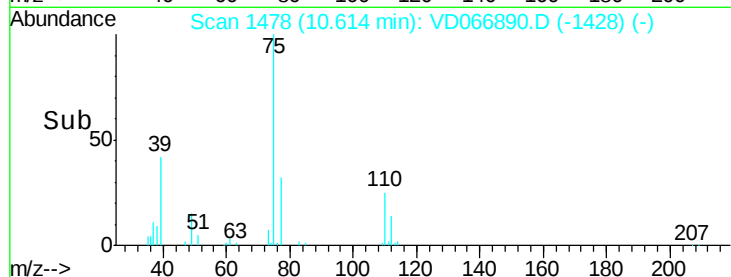
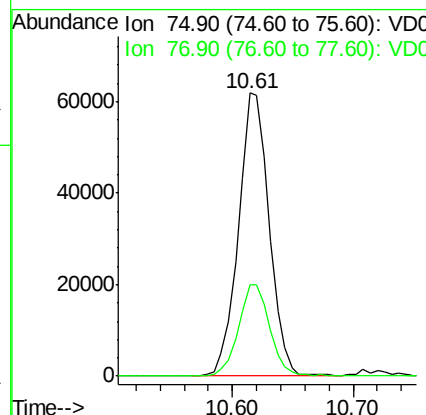
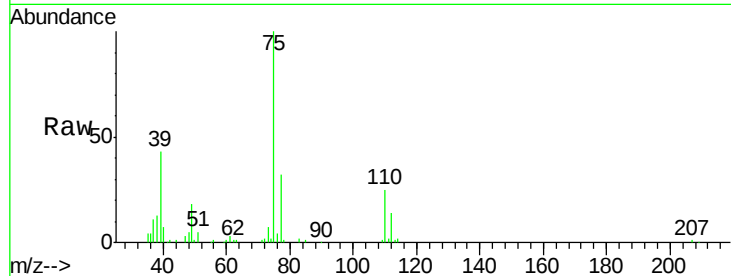
#53  
 t-1,3-Dichloropropene  
 Concen: 19.955 ug/l  
 RT: 10.61 min Scan# 1478  
 Delta R.T. -0.01 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion   | 75    | Resp  | 109921 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 32.3  | 24.5  | 36.7   |

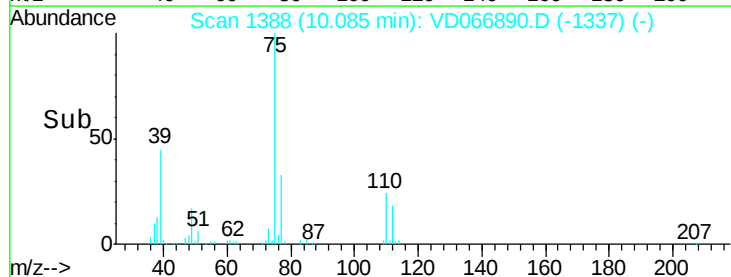
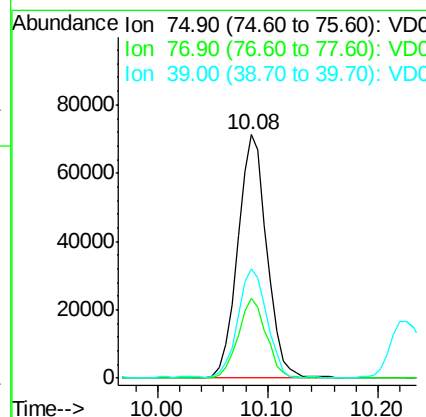
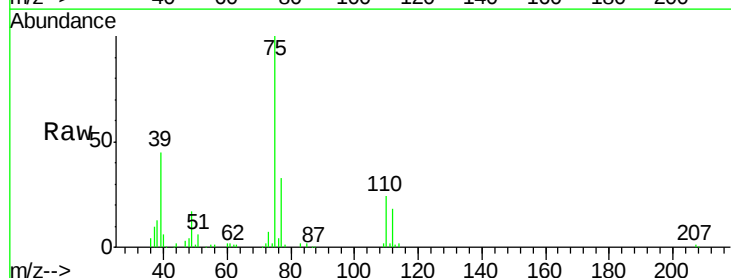
Manual Integrations  
 APPROVED

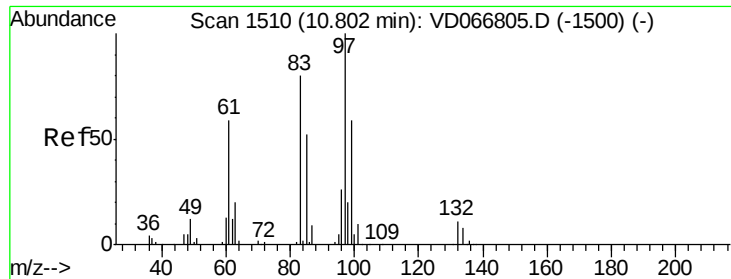
MMDadoda  
 9/29/2020 11:45:31 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.636 ug/l  
 RT: 10.08 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion   | 75    | Resp  | 131887 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 32.6  | 25.6  | 38.4   |
| 39        | 44.3  | 39.2  | 58.8   |





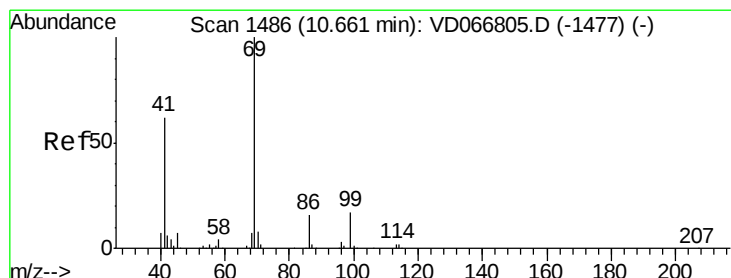
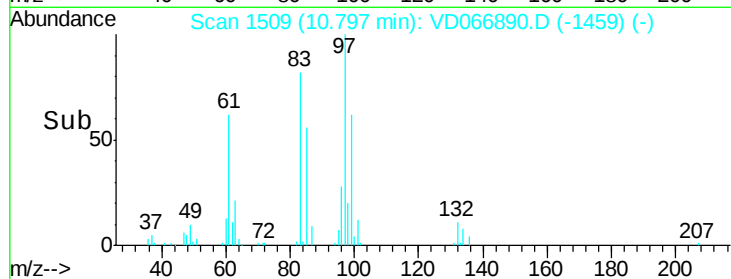
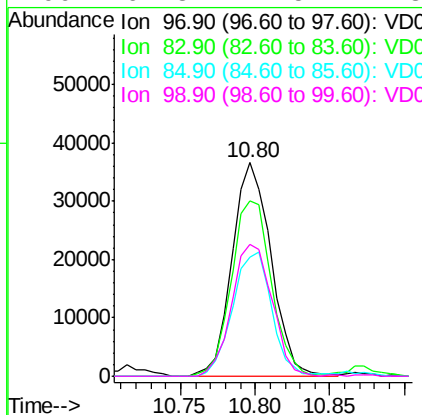
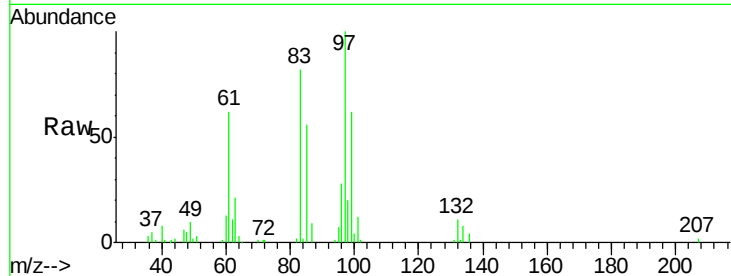
#55  
 1,1,2-Trichloroethane  
 Concen: 20.118 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. -0.01 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 66628 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.9  | 64.2  | 96.2  |
| 85       | 55.7  | 41.9  | 62.9  |
| 99       | 61.8  | 47.5  | 71.3  |

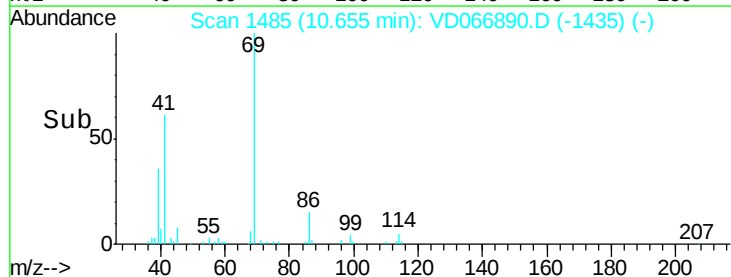
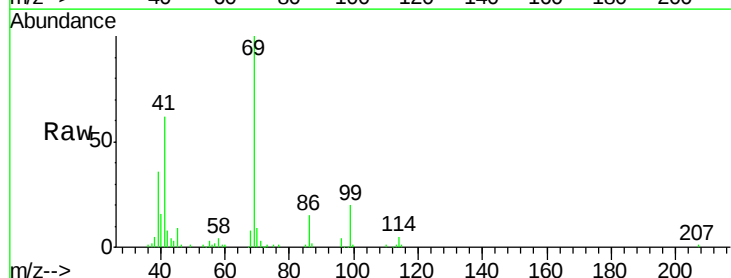
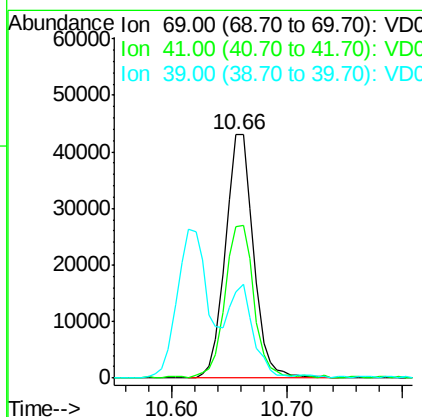
Manual Integrations  
 APPROVED

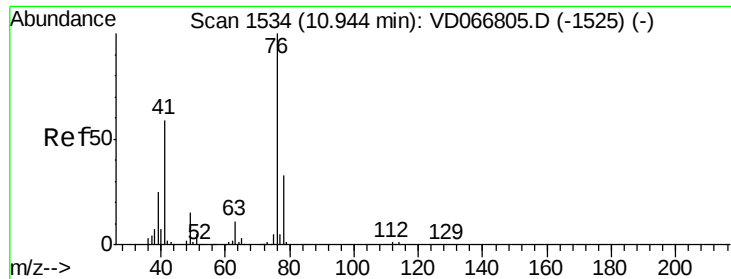
MMDadoda  
 9/29/2020 11:45:31 AM



#56  
 Ethyl methacrylate  
 Concen: 20.495 ug/l  
 RT: 10.66 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 72716 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.4  | 52.2  | 78.2  |
| 39       | 30.9  | 26.6  | 40.0  |





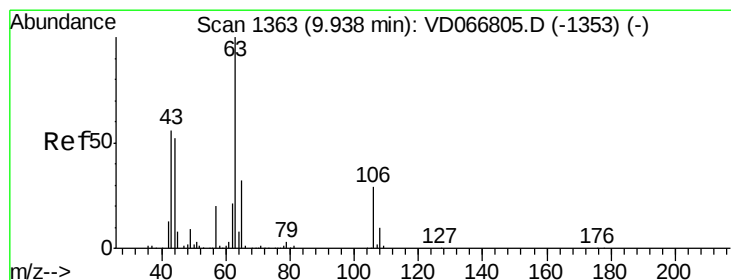
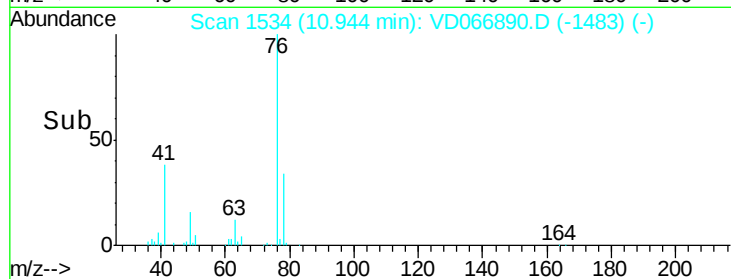
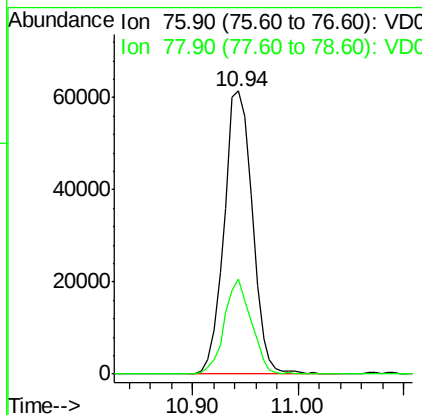
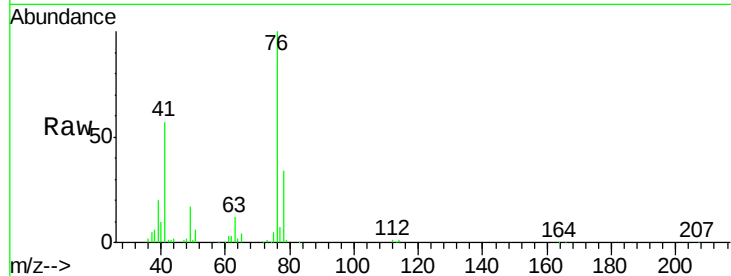
#57  
 1,3-Dichloropropane  
 Concen: 20.806 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.0  | 26.3  | 39.5  |

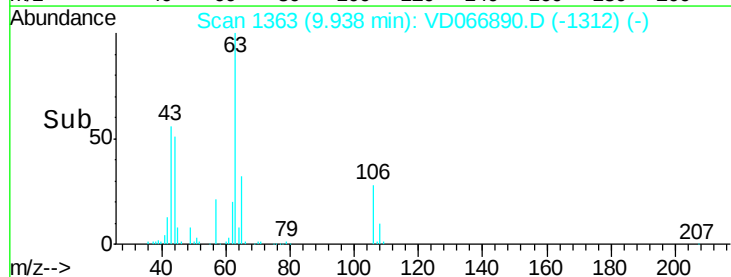
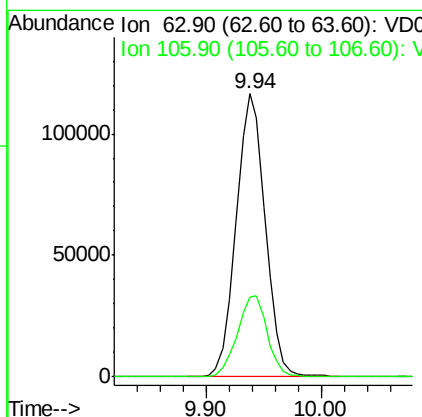
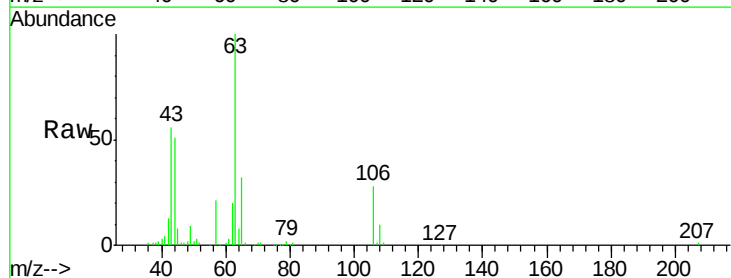
Manual Integrations  
 APPROVED

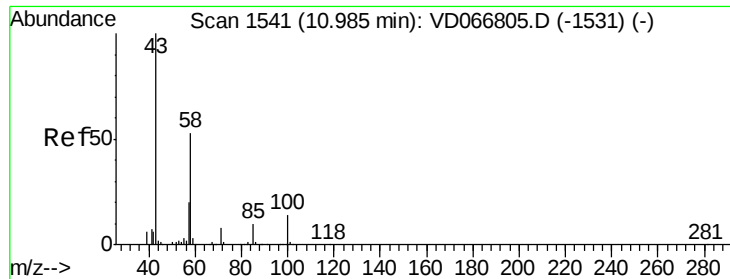
MMDadoda  
 9/29/2020 11:45:31 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 120.785 ug/l  
 RT: 9.94 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.6  | 23.8  | 35.6  |





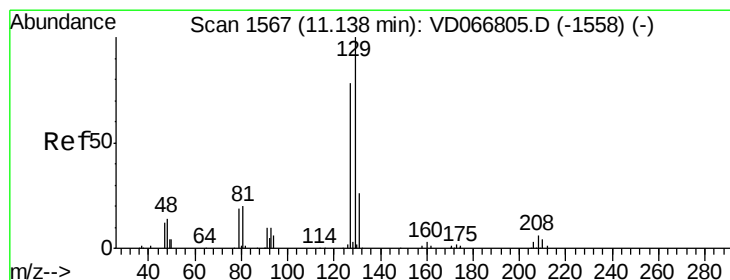
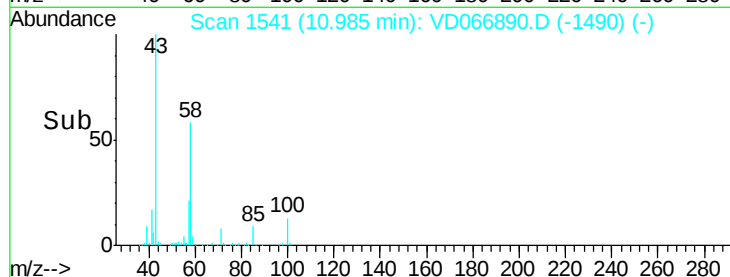
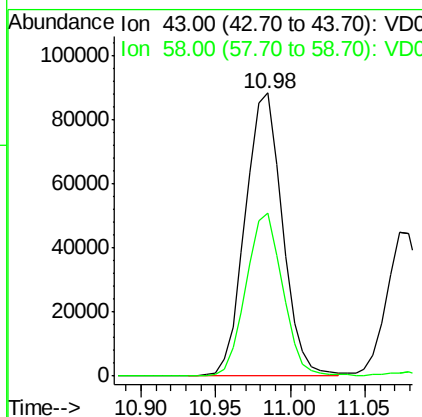
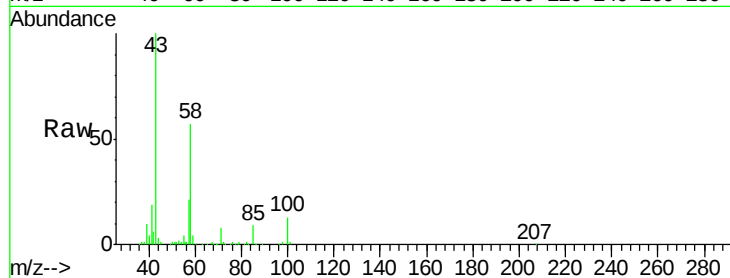
#59  
2-Hexanone  
Concen: 101.536 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBSD02

Tot Ion: 43 Resp: 152916  
Ion Ratio Lower Upper  
43 100  
58 56.7 27.0 80.8

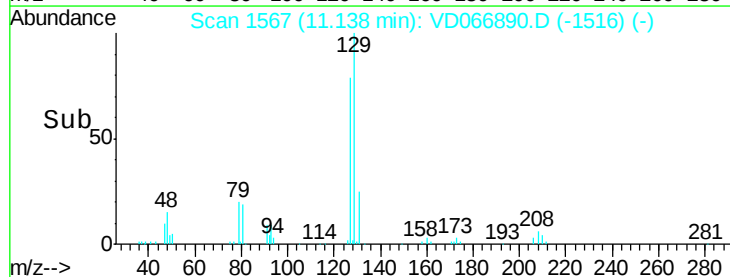
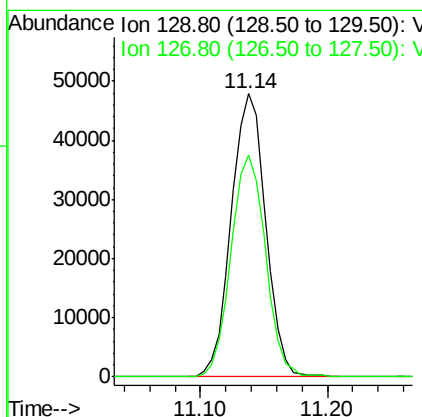
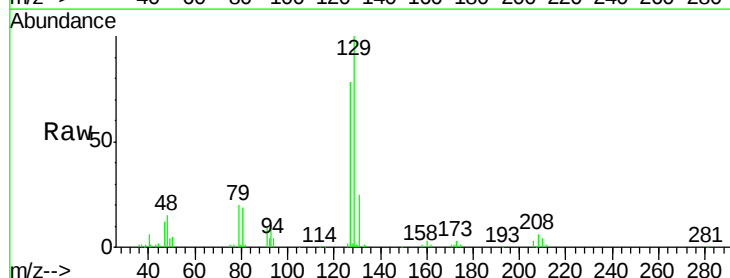
Manual Integrations  
APPROVED

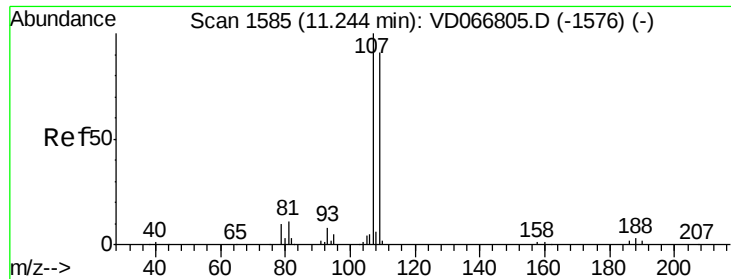
MMDadoda  
9/29/2020 11:45:31 AM



#60  
Dibromochloromethane  
Concen: 20.804 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Tgt Ion: 129 Resp: 89926  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.6 116.0





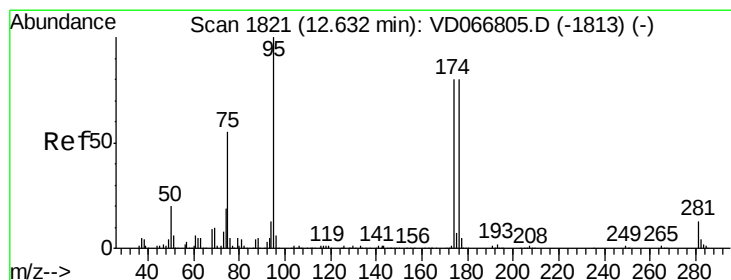
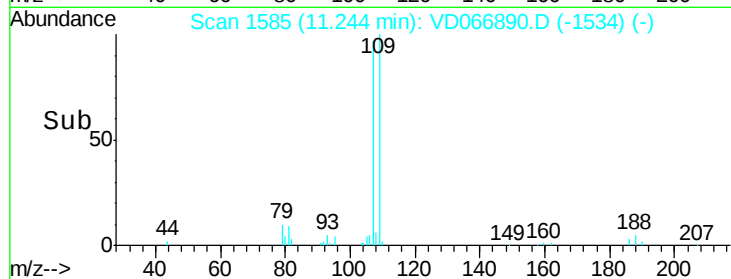
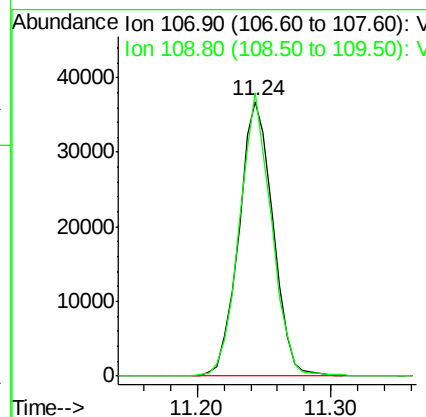
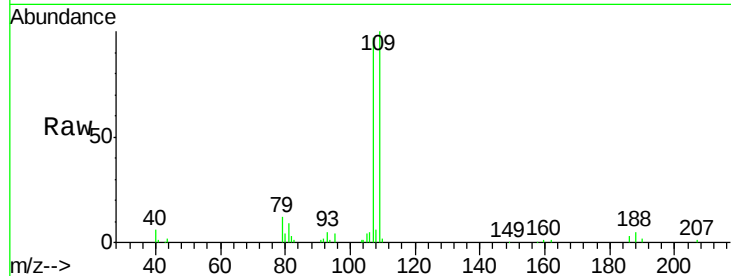
#61  
1,2-Dibromoethane  
Concen: 21.011 ug/l  
RT: 11.24 min Scan# 1585  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

Tot Ion: 107 Resp: 64725  
Ion Ratio Lower Upper  
107 100  
109 97.3 75.0 112.4

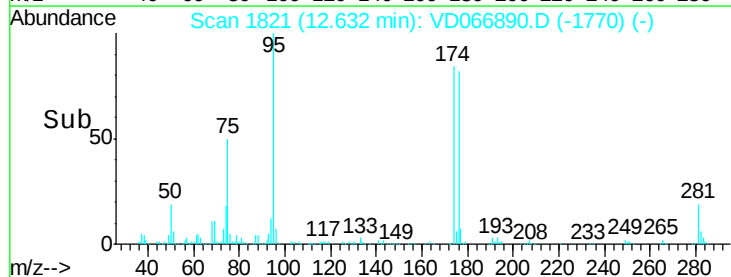
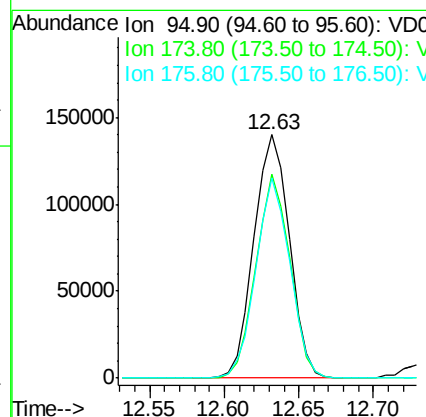
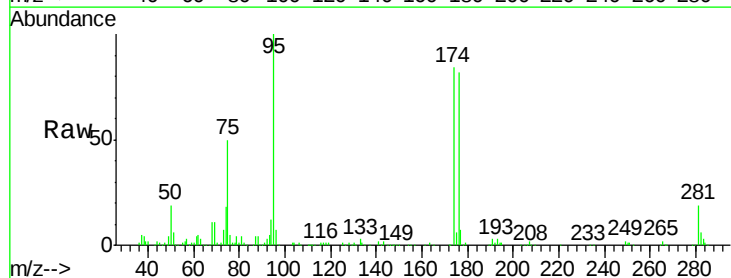
Manual Integrations  
APPROVED

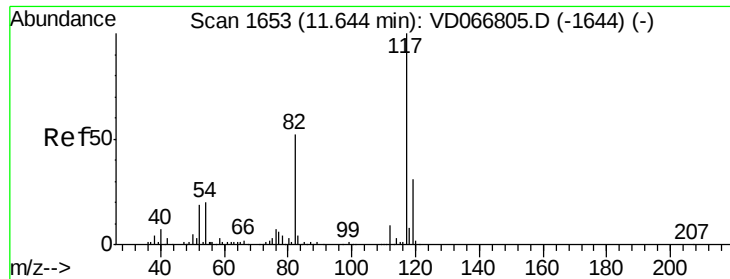
MMDadoda  
9/29/2020 11:45:31 AM



#62  
4-Bromofluorobenzene  
Concen: 48.648 ug/l  
RT: 12.63 min Scan# 1821  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Tgt Ion: 95 Resp: 230100  
Ion Ratio Lower Upper  
95 100  
174 80.3 0.0 159.8  
176 79.0 0.0 154.4





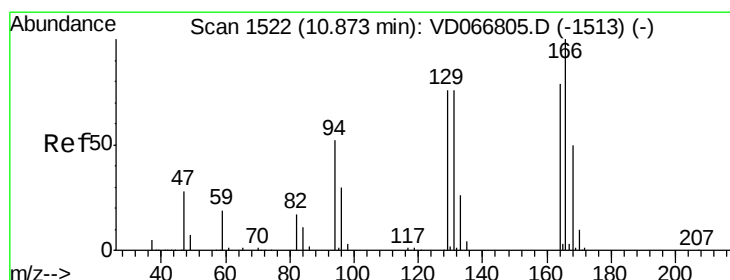
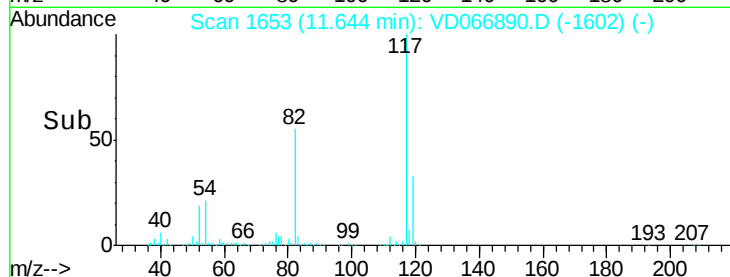
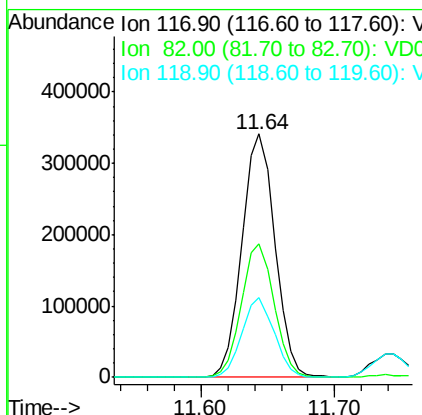
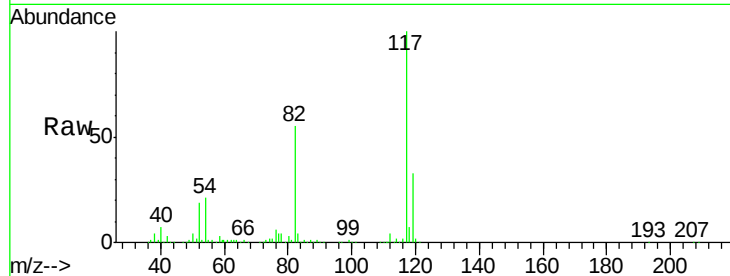
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 584532 |       |       |
| 82      | 55.1  | 41.8   | 62.6  |       |
| 119     | 33.0  | 24.6   | 37.0  |       |

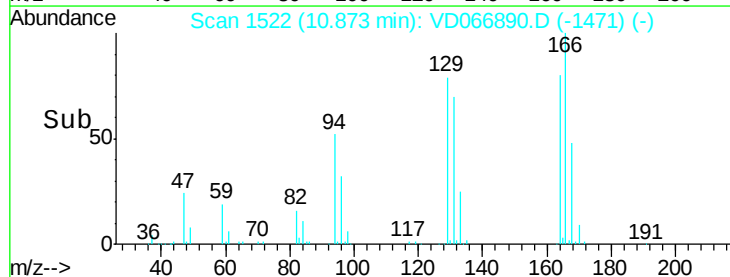
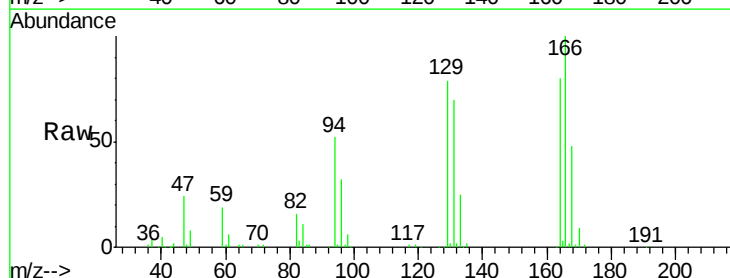
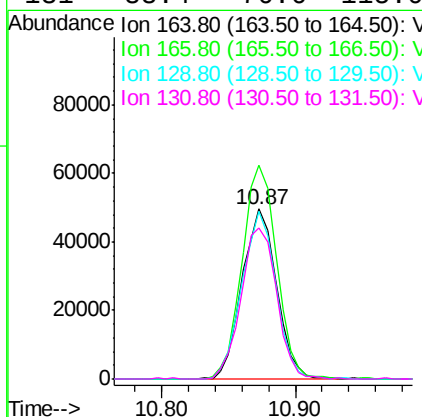
Manual Integrations  
APPROVED

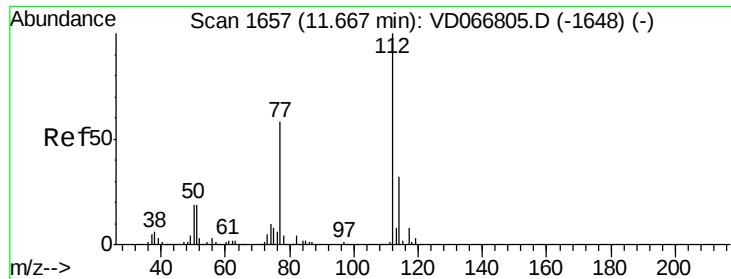
MMDadoda  
9/29/2020 11:45:31 AM



#64  
Tetrachloroethene  
Concen: 21.088 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 88666 |       |       |
| 166     | 125.5 | 101.1 | 151.7 |       |
| 129     | 98.6  | 77.0  | 115.4 |       |
| 131     | 88.4  | 76.6  | 115.0 |       |





#65

Chlorobenzene

Concen: 19.931 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion:112 Resp: 242505

Ion Ratio Lower Upper

112 100

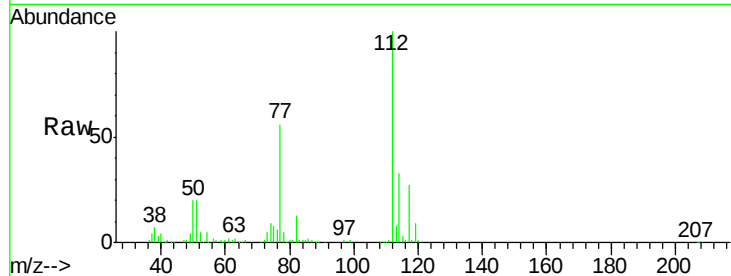
114 32.6 25.4 38.2

Manual Integrations

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9/29/2020 11:45:31 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

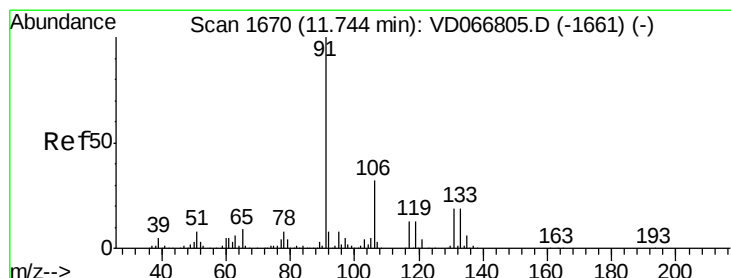
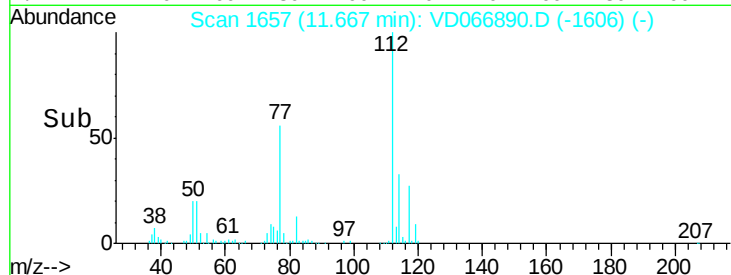
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.432 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

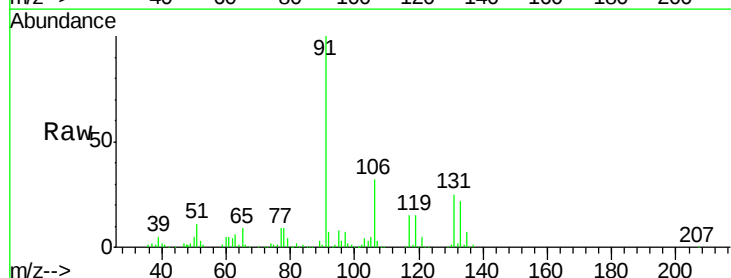
Tgt Ion:131 Resp: 94092

Ion Ratio Lower Upper

131 100

133 94.5 46.7 140.1

119 63.1 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

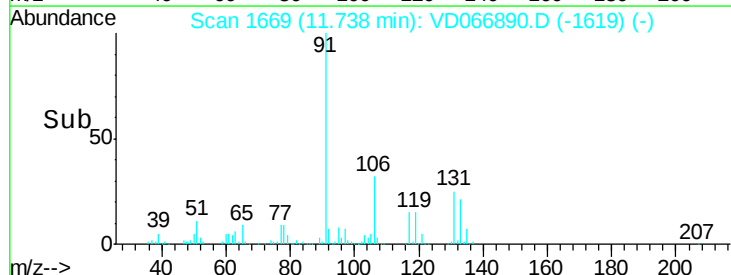
150000

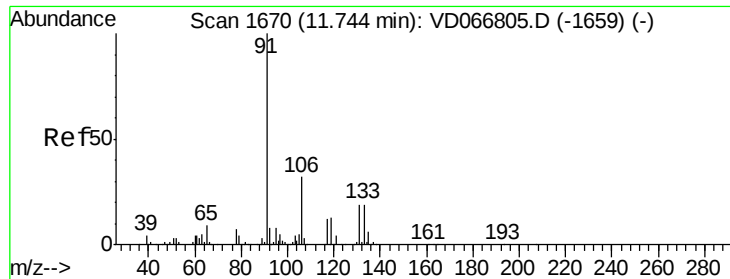
100000

50000

0

Time-->





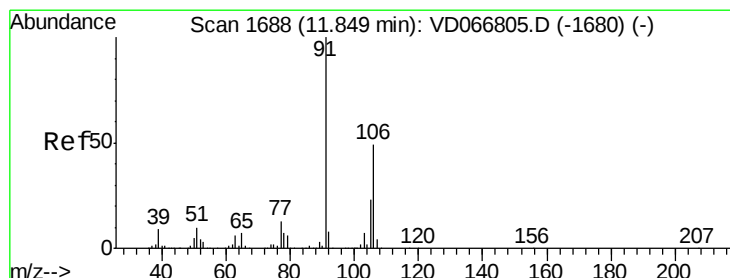
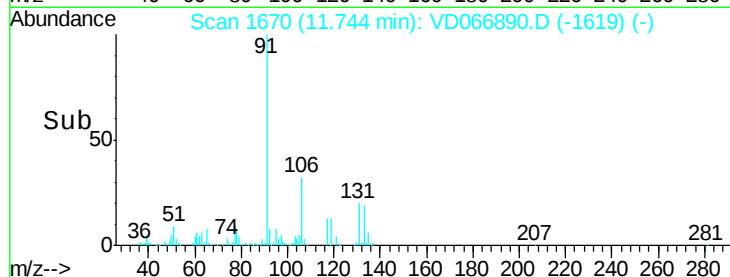
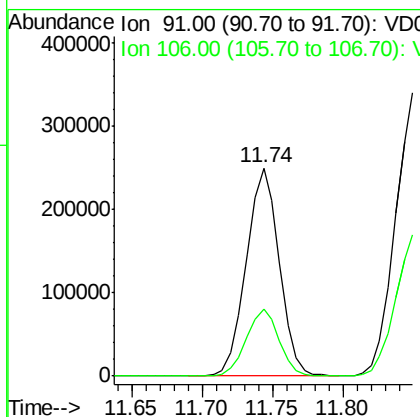
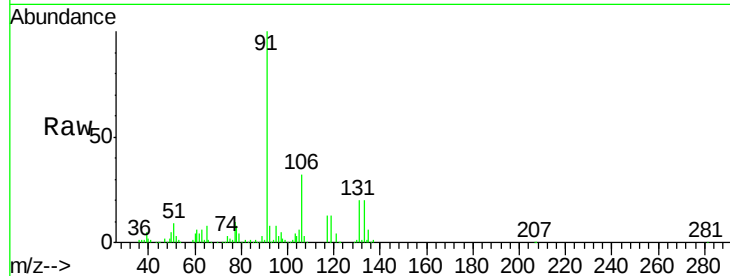
#67  
Ethyl Benzene  
Concen: 19.193 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

Tot Ion: 91 Resp: 410149  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.6 38.4

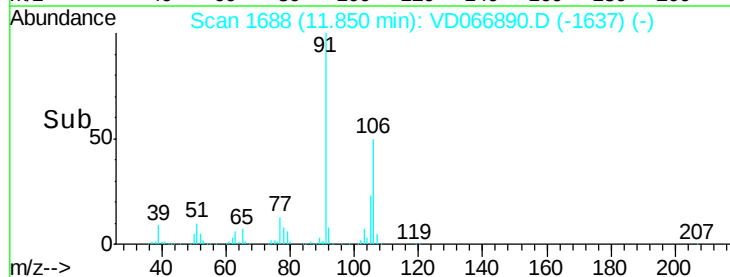
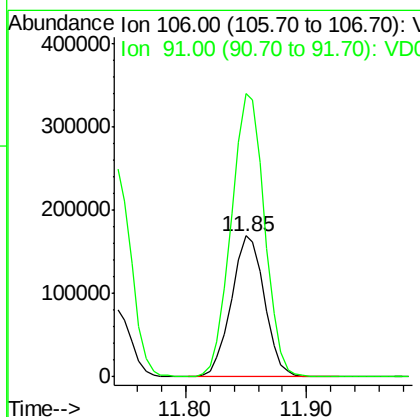
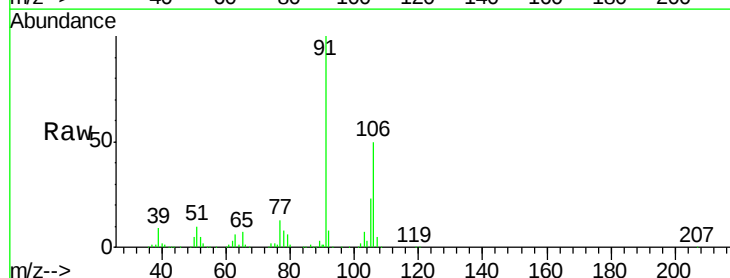
Manual Integrations  
APPROVED

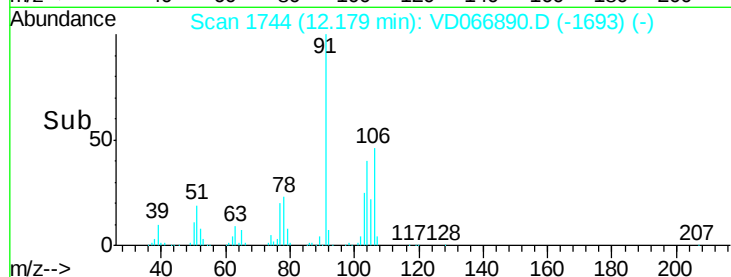
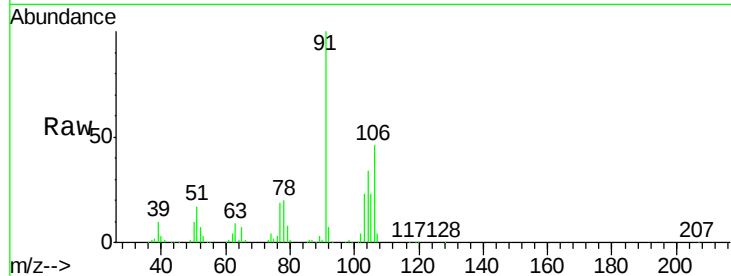
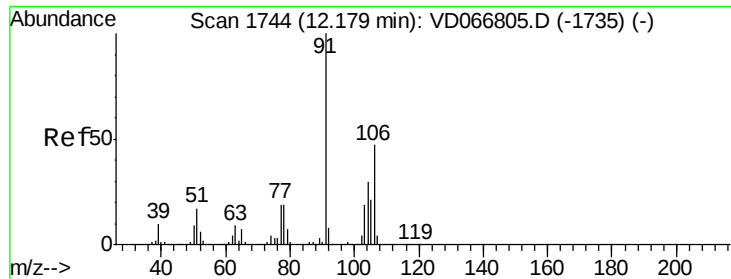
MMDadoda  
9/29/2020 11:45:31 AM



#68  
m/p-Xylenes  
Concen: 40.157 ug/l  
RT: 11.85 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Tgt Ion: 106 Resp: 324904  
Ion Ratio Lower Upper  
106 100  
91 200.8 160.7 241.1





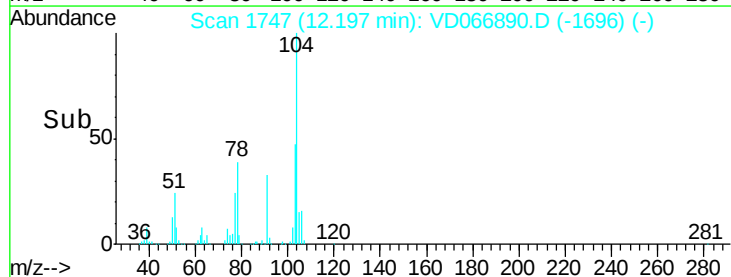
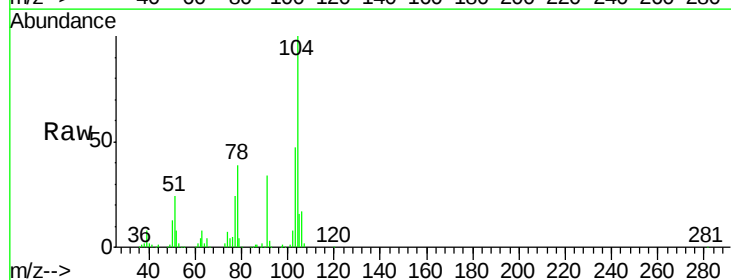
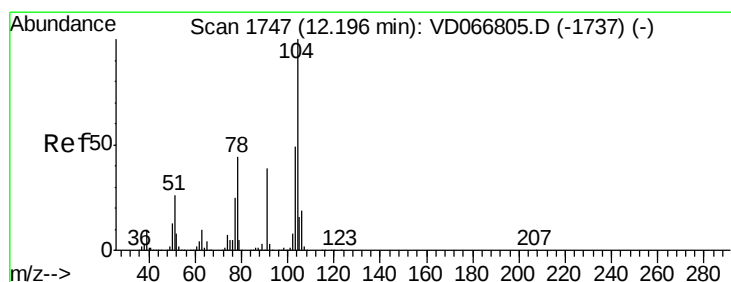
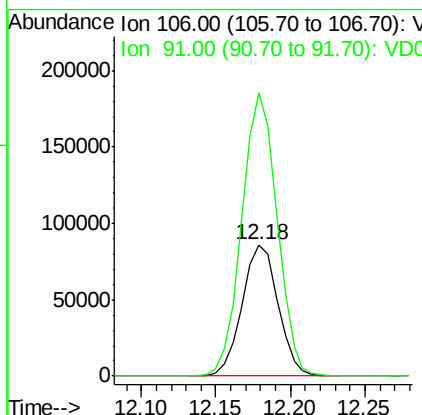
#69  
o-Xylene  
Concen: 19.667 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Tot Ion: 106 Resp: 143882  
Ion Ratio Lower Upper  
106 100  
91 211.9 106.3 318.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

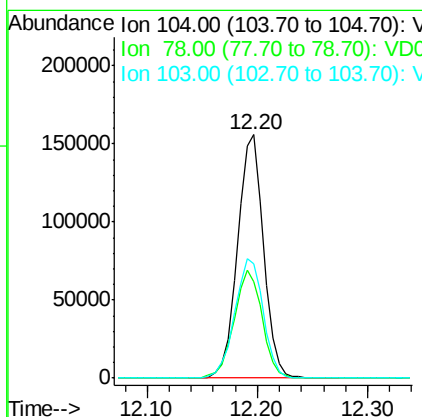
Manual Integrations  
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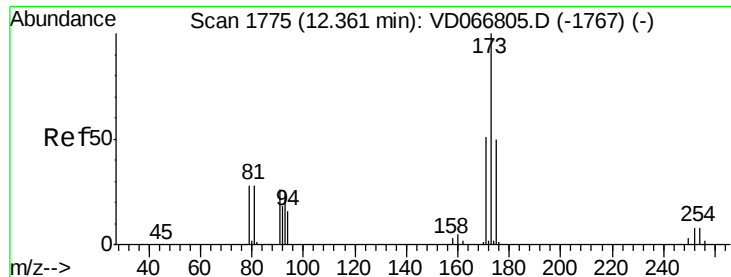
MMDadoda  
9/29/2020 11:45:31 AM



#70  
Styrene  
Concen: 20.299 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Tgt Ion: 104 Resp: 257899  
Ion Ratio Lower Upper  
104 100  
78 47.6 38.9 58.3  
103 53.9 43.2 64.8





#71

Bromoform

Concen: 21.432 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion:173 Resp: 49972

Ion Ratio Lower Upper

173 100

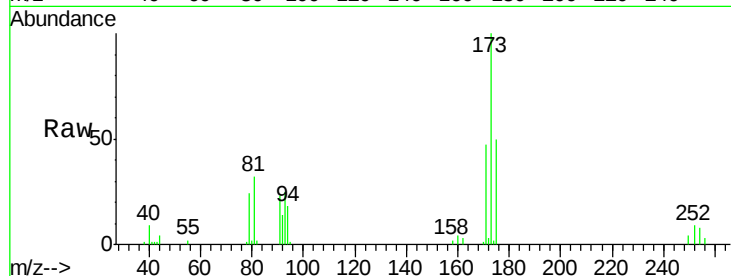
175 47.4 24.9 74.6

254 0.0 0.1 0.1#

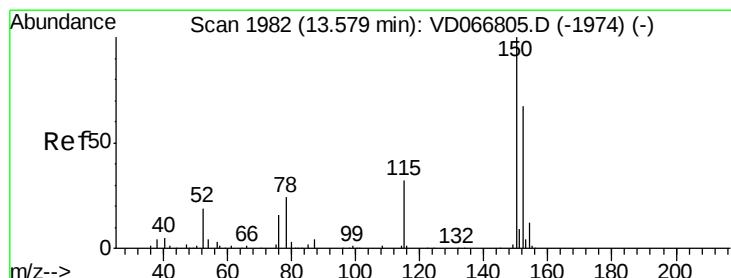
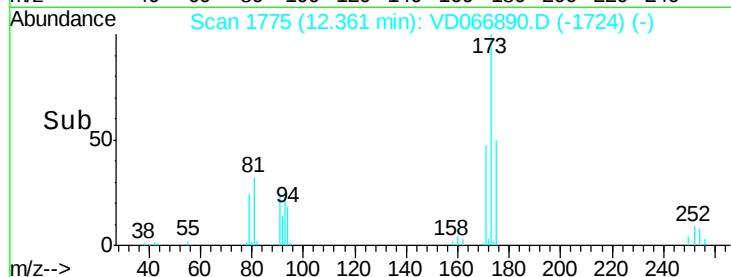
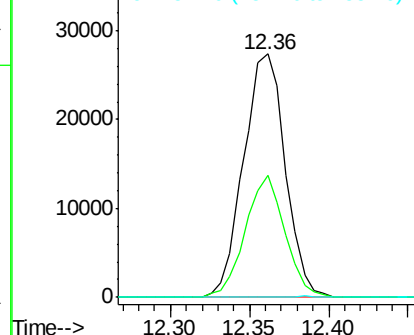
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

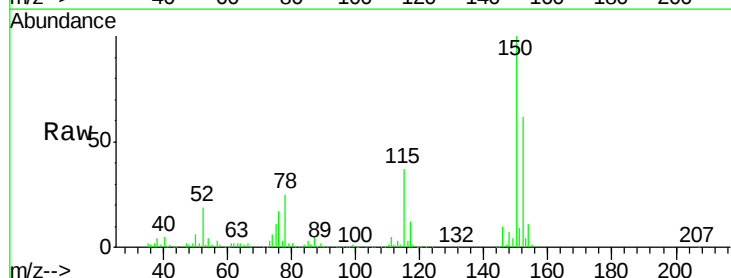
Tgt Ion:152 Resp: 278259

Ion Ratio Lower Upper

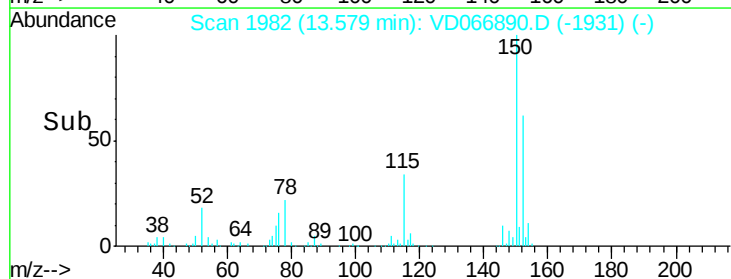
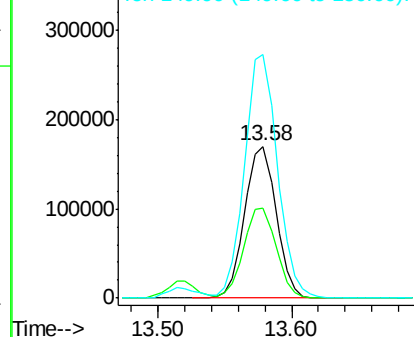
152 100

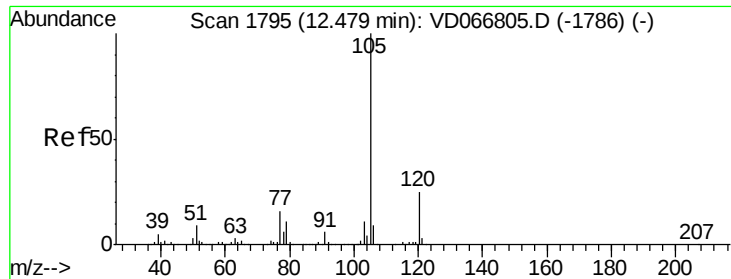
115 61.1 30.3 91.0

150 167.3 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.370 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion: 105 Resp: 389365

Ion Ratio Lower Upper

105 100

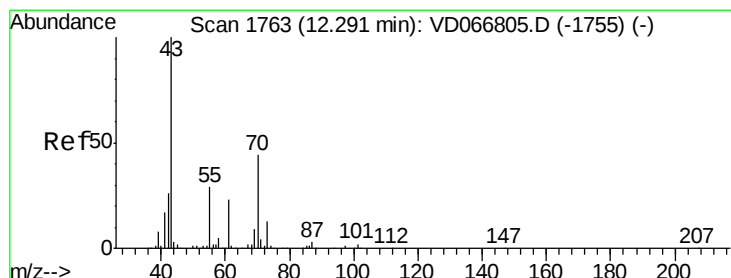
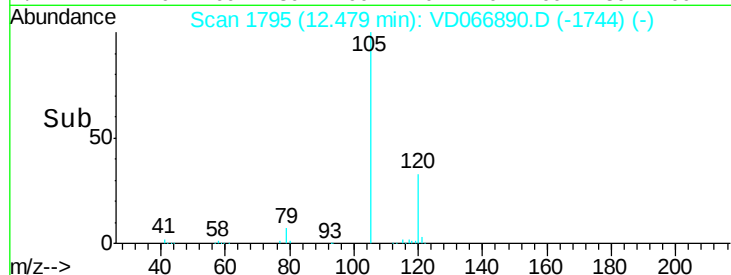
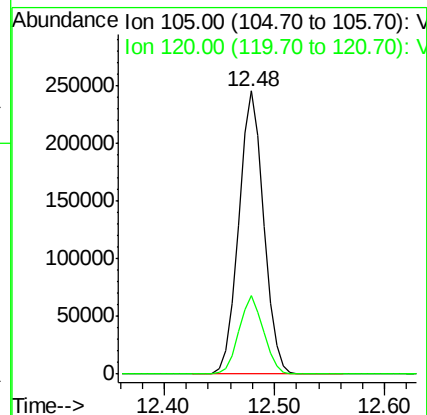
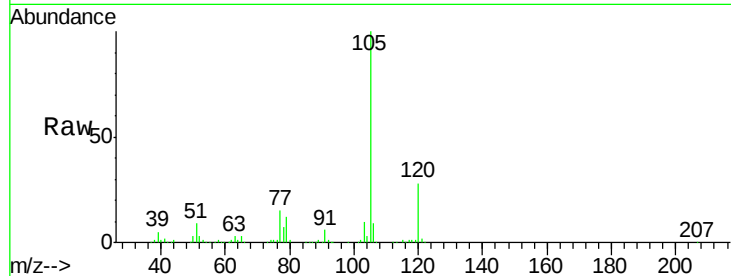
120 27.1 12.9 38.6

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#74

N-ethyl acetate

Concen: 19.541 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Tgt Ion: 43 Resp: 76708

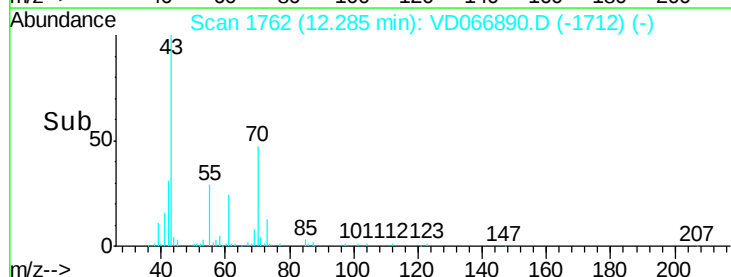
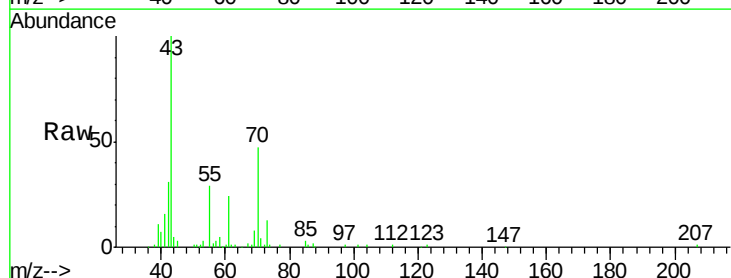
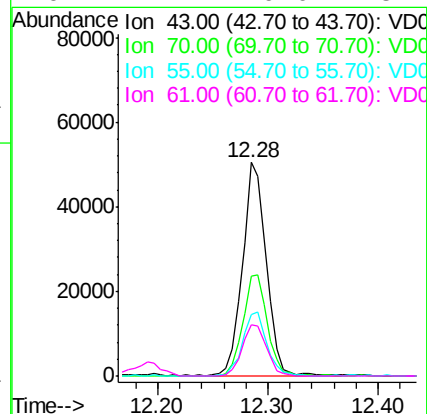
Ion Ratio Lower Upper

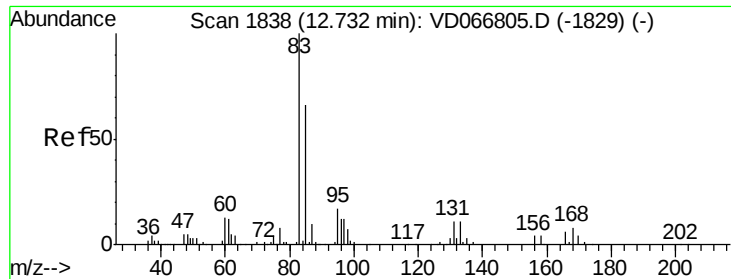
43 100

70 48.3 36.1 54.1

55 30.5 21.8 32.8

61 24.7 19.0 28.4





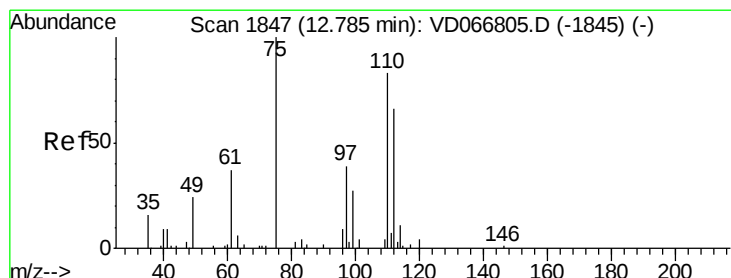
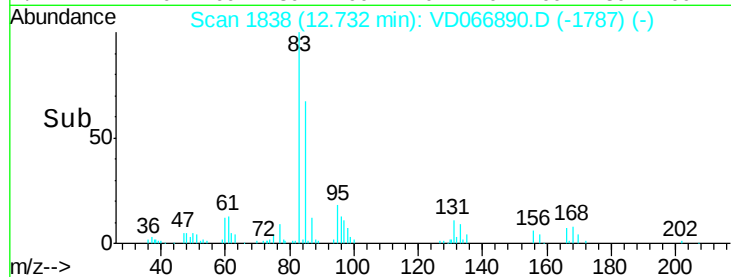
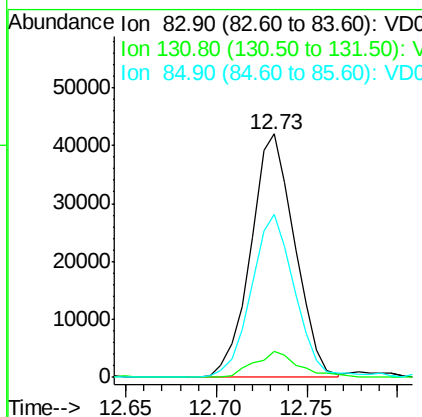
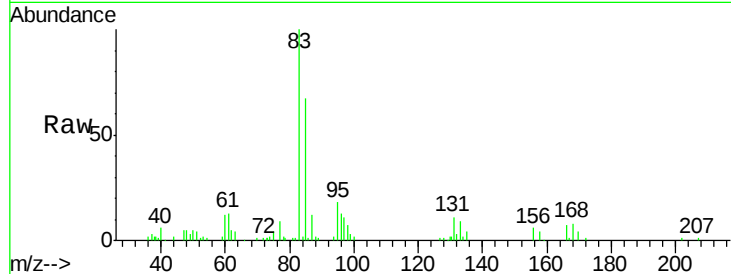
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.369 ug/l  
 RT: 12.73 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion   | 83   | Resp  | 70652 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 10.8 | 5.5   | 16.7  |
| 85        | 66.9 | 32.1  | 96.5  |

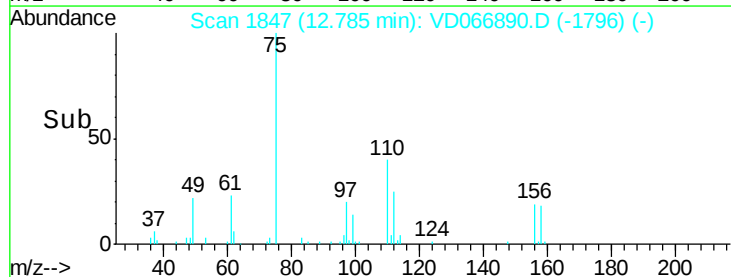
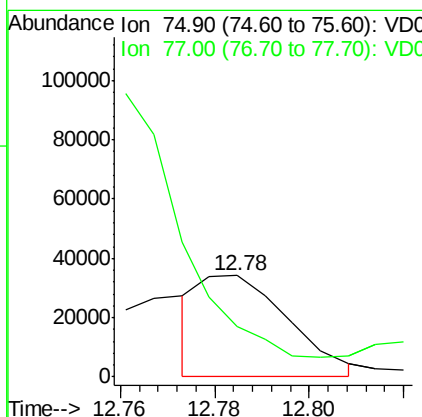
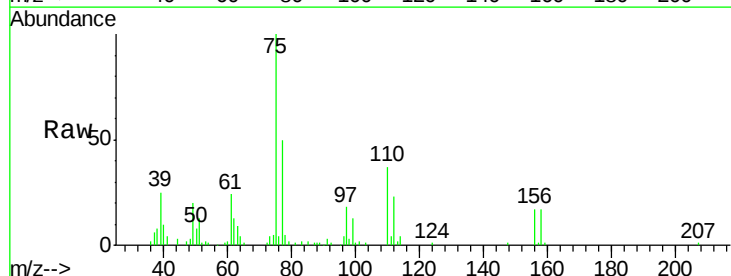
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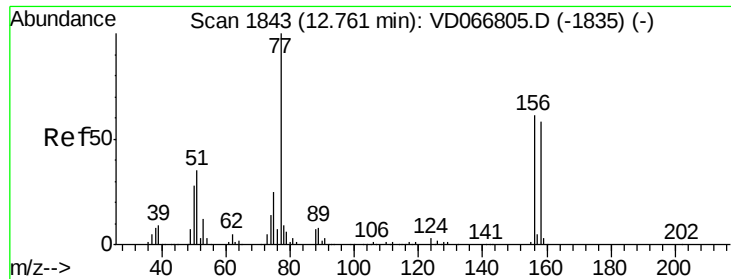
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#76  
 1,2,3-Trichloropropane  
 Concen: 19.466 ug/l m  
 RT: 12.78 min Scan# 1847  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion   | 75  | Resp  | 44888 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 75        | 100 |       |       |
| 77        | 0.0 | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.608 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

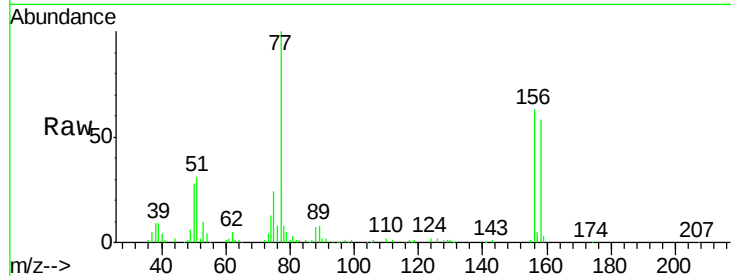
ClientSampleId :

VD0925SBS02

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 179.0 | 92.3  | 276.9 |       |
| 158     | 96.9  | 47.6  | 142.9 |       |

Manual Integrations  
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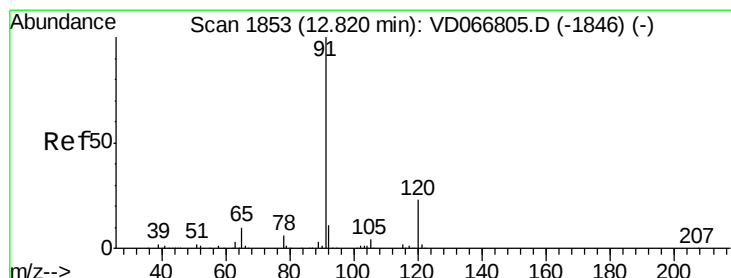
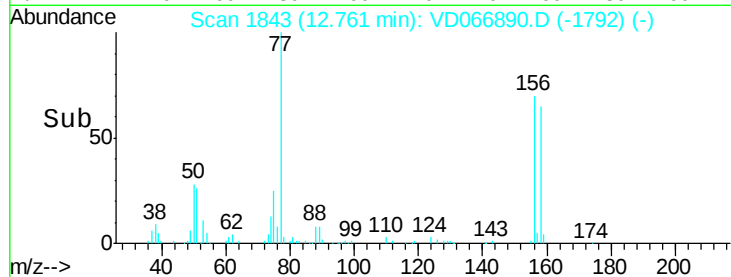
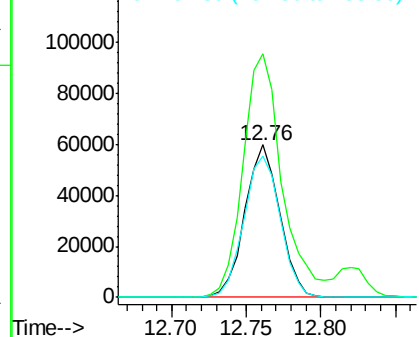
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.704 ug/l

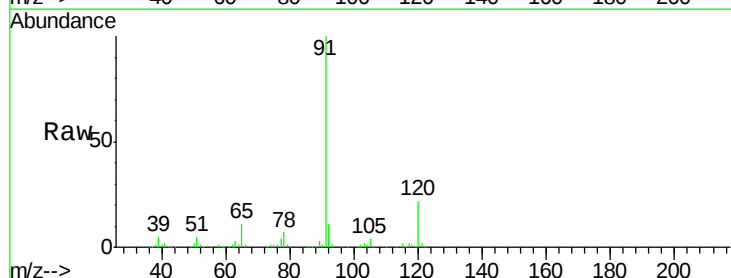
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066890.D

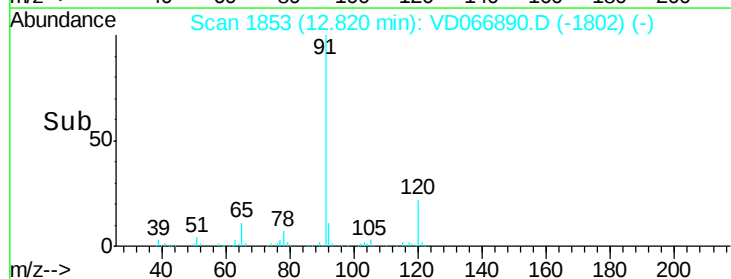
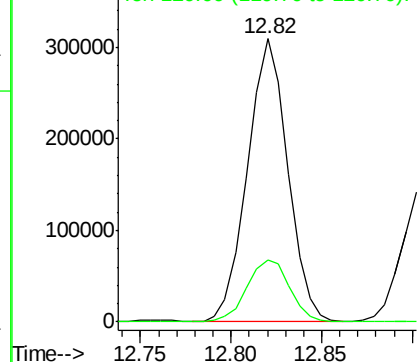
Acq: 26 Sep 2020 00:21

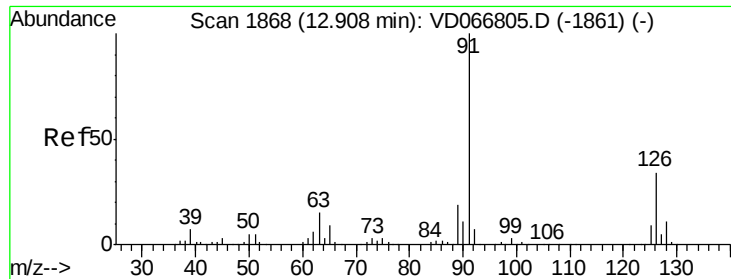
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 23.3 | 11.4  | 34.2  |       |



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.517 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion: 91 Resp: 268954

Ion Ratio Lower Upper

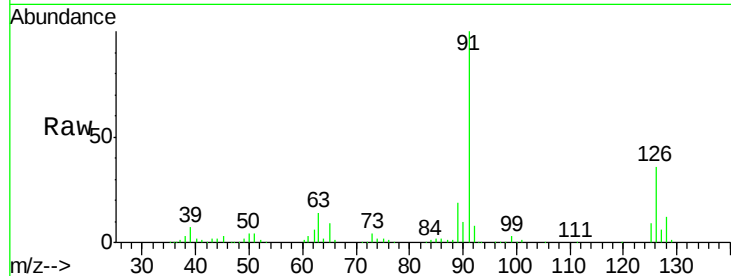
91 100

126 34.8 17.0 51.0

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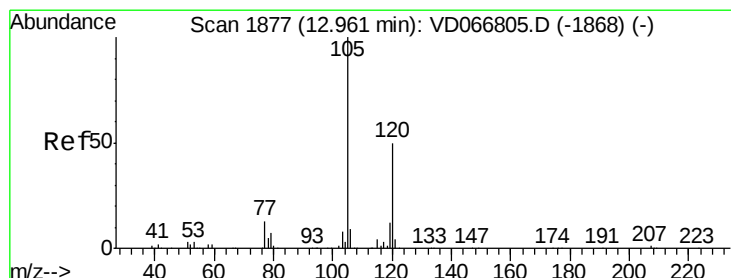
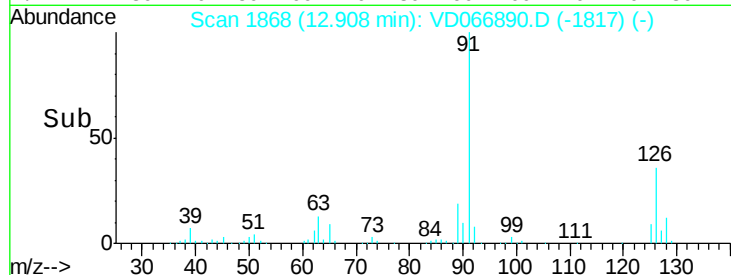
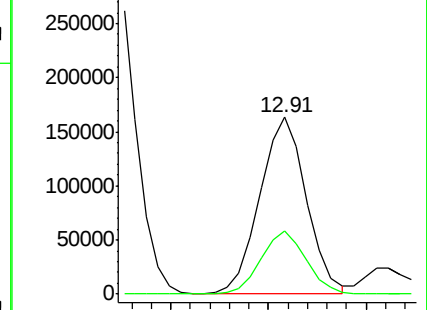
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Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066890.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.773 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066890.D

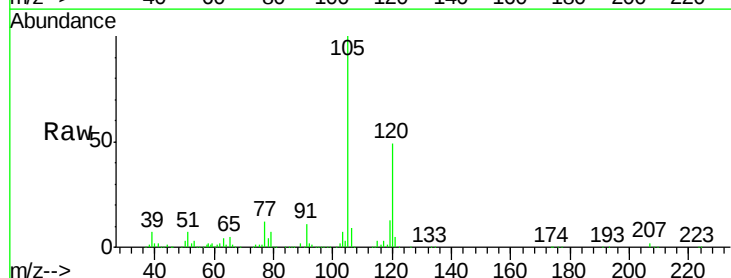
Acq: 26 Sep 2020 00:21

Tgt Ion: 105 Resp: 337253

Ion Ratio Lower Upper

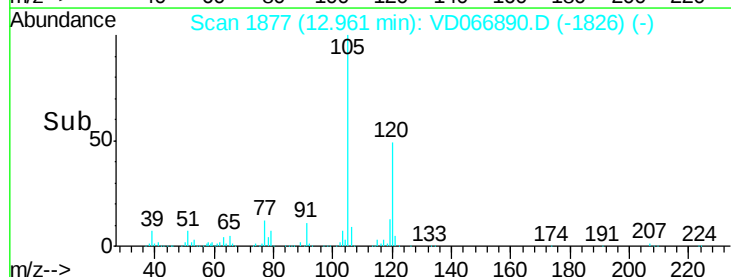
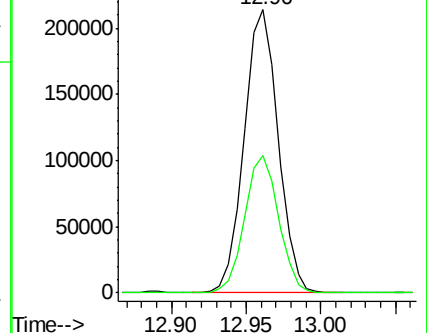
105 100

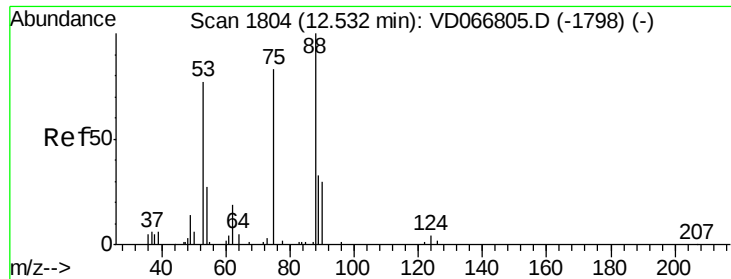
120 48.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)

Ion 120.00 (119.70 to 120.70): VD066890.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.318 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA\_D

ClientSampleId :

VD0925SBS02

Tot Ion: 75 Resp: 20570

Ion Ratio Lower Upper

75 100

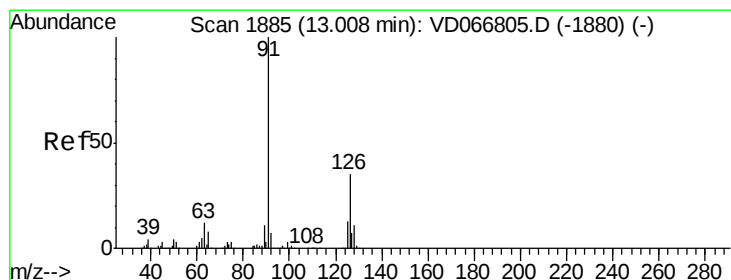
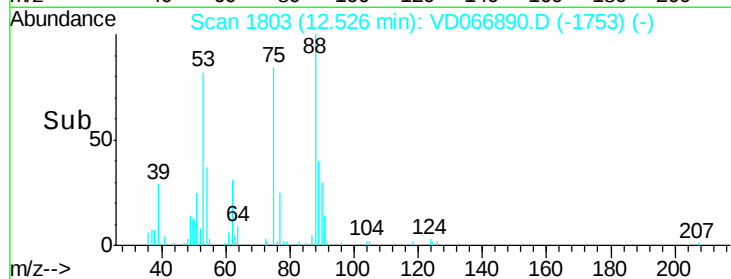
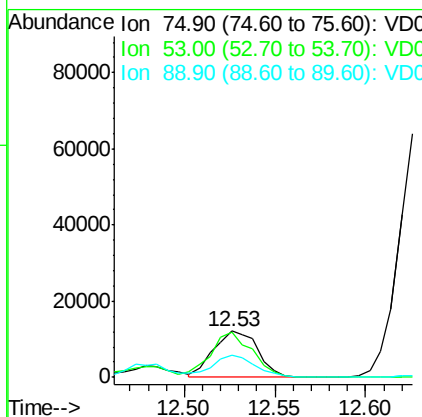
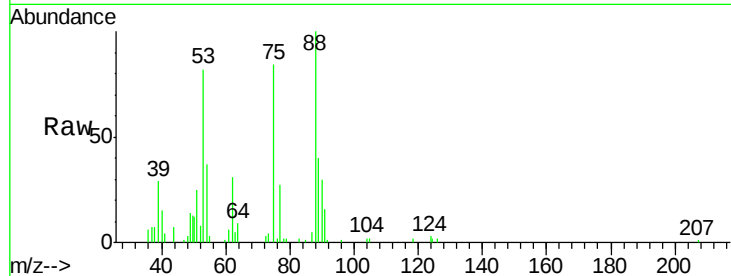
53 92.0 78.5 117.7

89 45.2 38.1 57.1

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#82

4-Chlorotoluene

Concen: 20.128 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066890.D

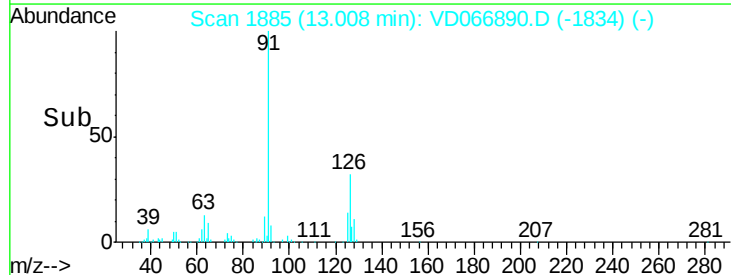
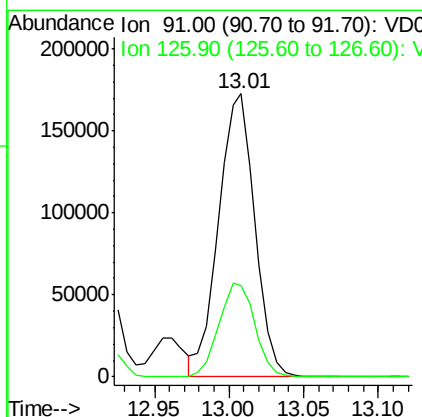
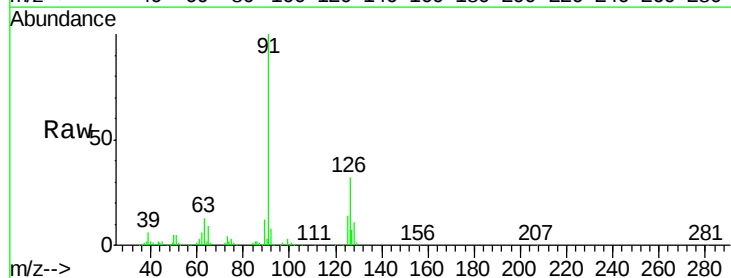
Acq: 26 Sep 2020 00:21

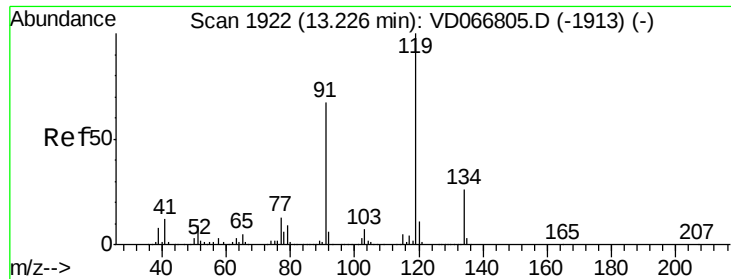
Tgt Ion: 91 Resp: 292398

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.2





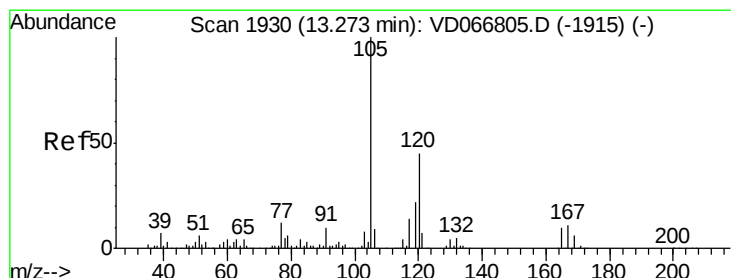
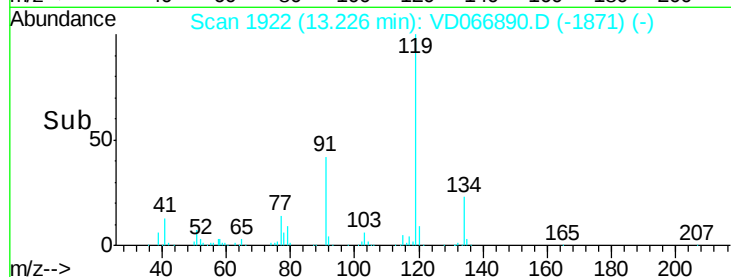
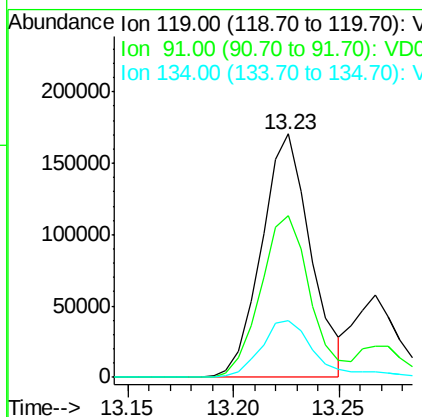
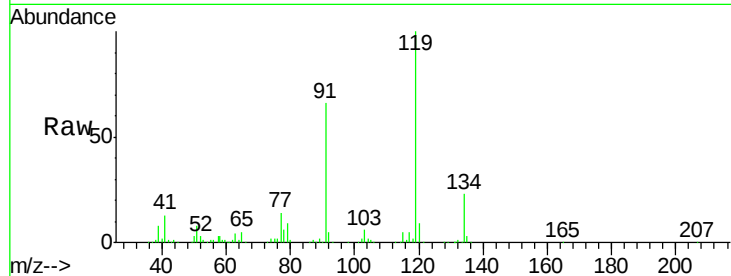
#83  
 tert-Butylbenzene  
 Concen: 19.697 ug/l  
 RT: 13.23 min Scan# 1922  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 276067 |       |       |
| 91      | 67.5  | 33.6   | 100.8 |       |
| 134     | 26.3  | 13.5   | 40.4  |       |

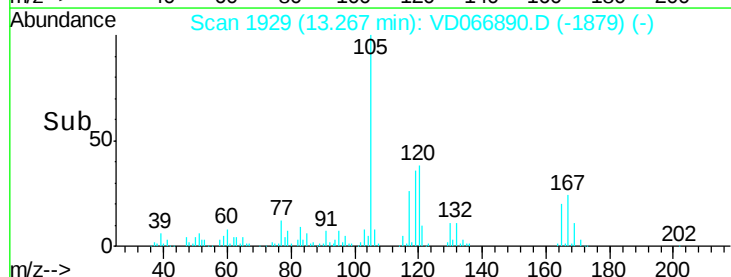
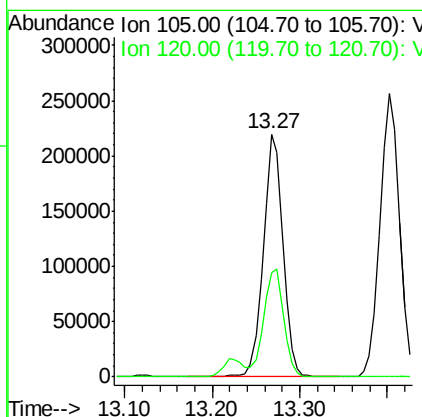
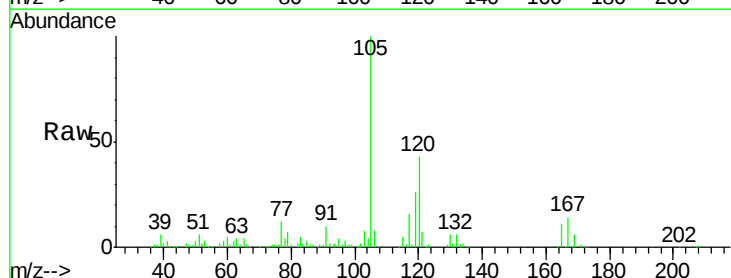
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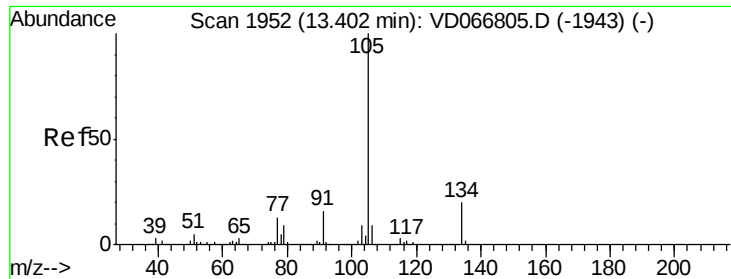
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.152 ug/l  
 RT: 13.27 min Scan# 1929  
 Delta R.T. -0.01 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 340837 |       |       |
| 120     | 45.1  | 22.3   | 66.9  |       |





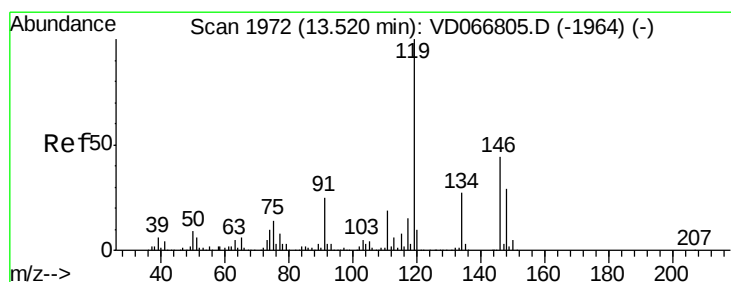
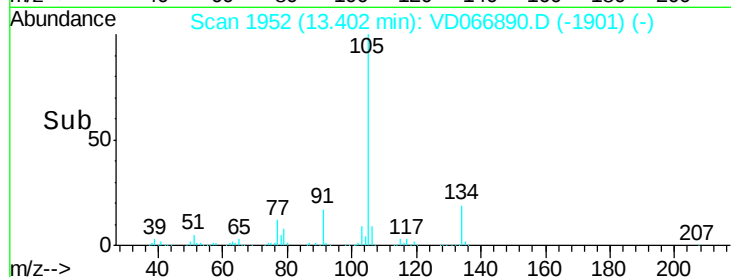
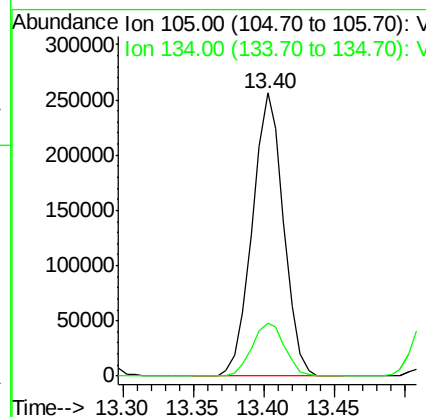
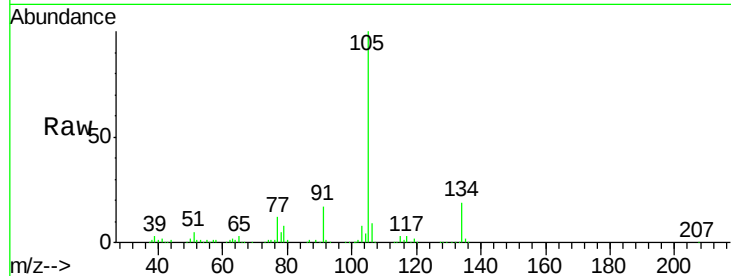
#85  
 sec-Butylbenzene  
 Concen: 19.728 ug/l  
 RT: 13.40 min Scan# 1952  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.7  | 10.2  | 30.6  |

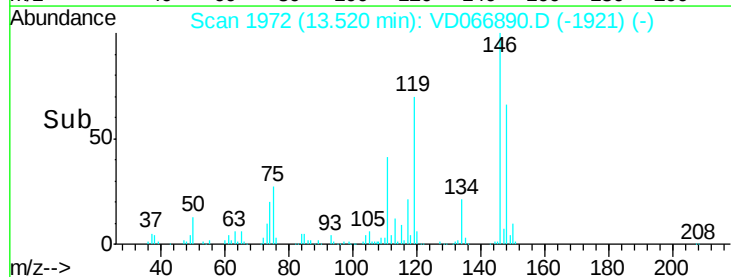
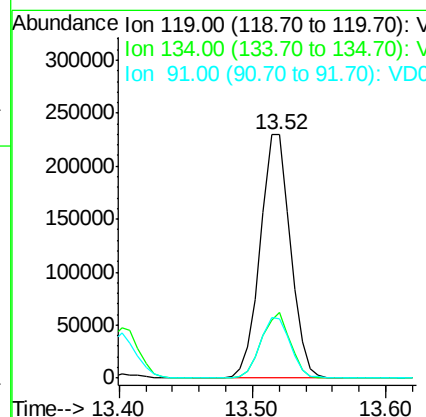
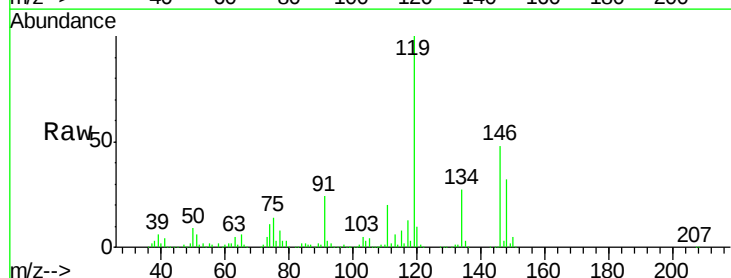
Manual Integrations  
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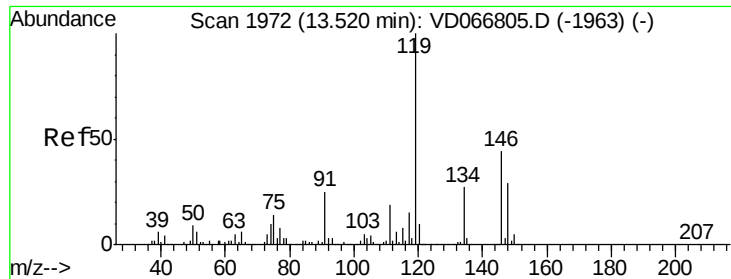
MMDadoda  
 9/29/2020 11:45:31 AM



#86  
 p-Isopropyltoluene  
 Concen: 19.737 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.7  | 13.0  | 38.9  |
| 91      | 24.7  | 12.0  | 36.1  |





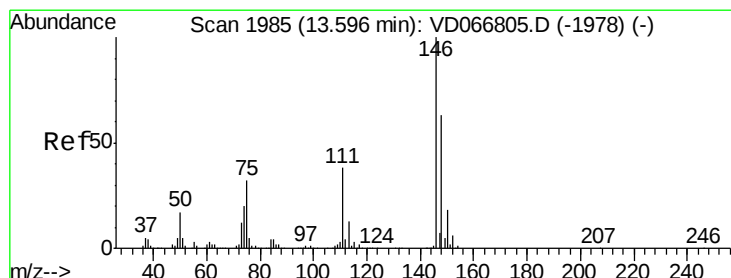
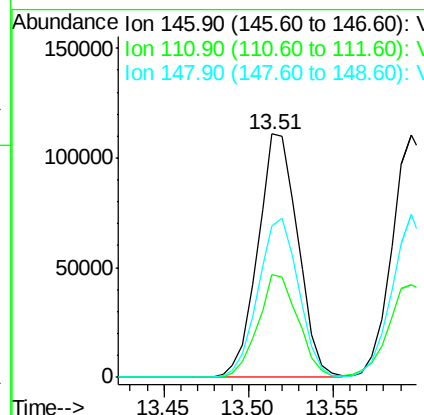
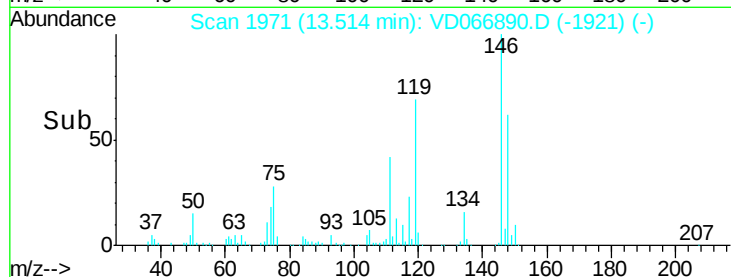
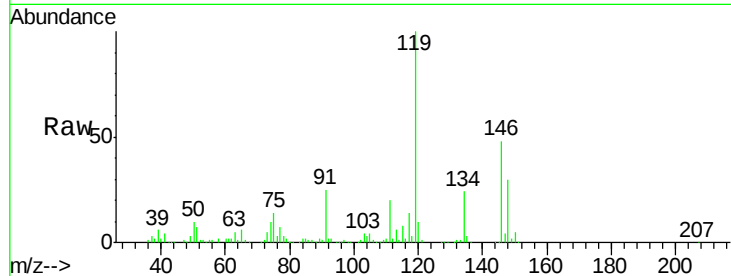
#87  
 1,3-Dichlorobenzene  
 Concen: 19.728 ug/l  
 RT: 13.51 min Scan# 1971  
 Delta R.T. -0.01 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 183238 |       |       |
| 111     | 42.0  | 20.3   | 60.9  |       |
| 148     | 65.9  | 31.9   | 95.5  |       |

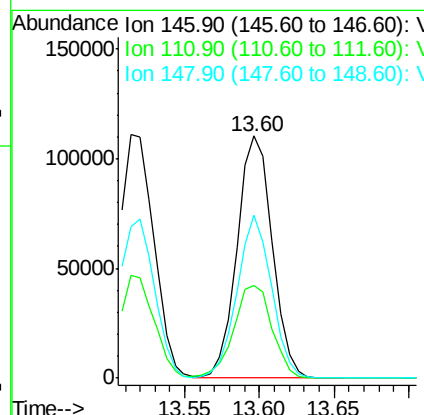
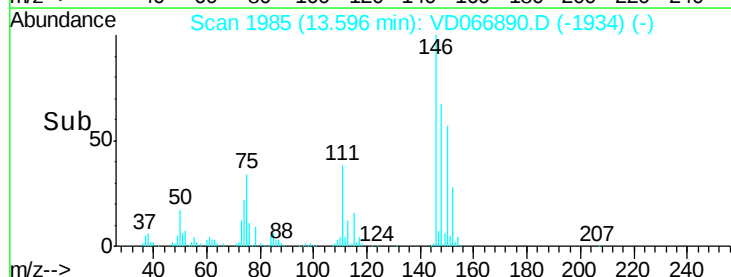
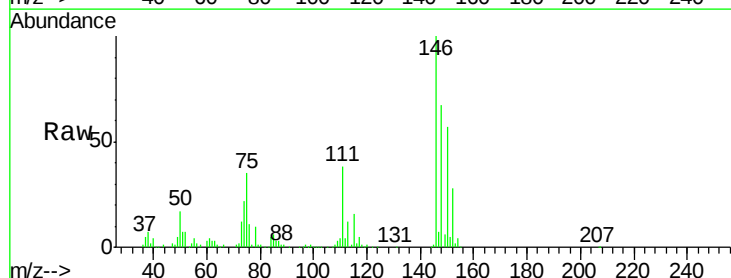
Manual Integrations  
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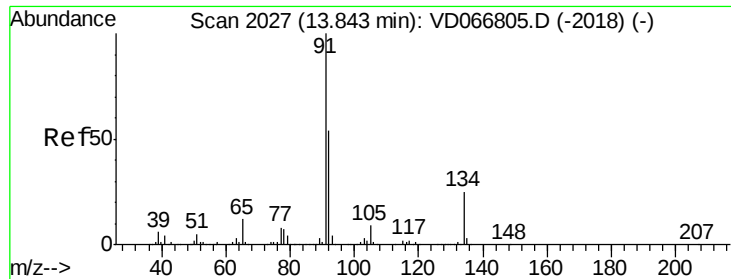
MMDadoda  
 9/29/2020 11:45:31 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.659 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 181352 |       |       |
| 111     | 41.9  | 20.2   | 60.5  |       |
| 148     | 65.8  | 31.6   | 94.7  |       |





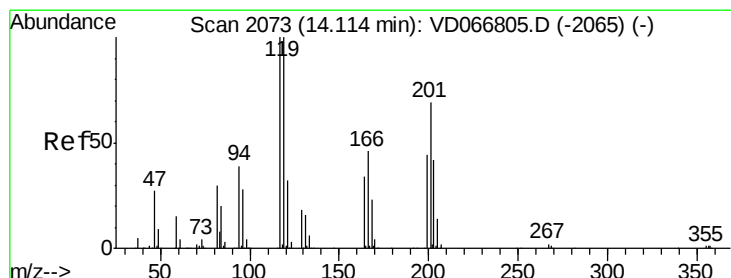
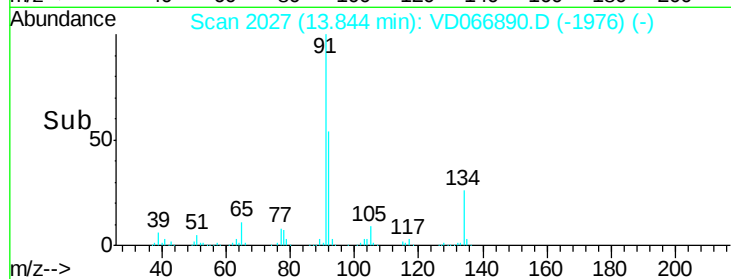
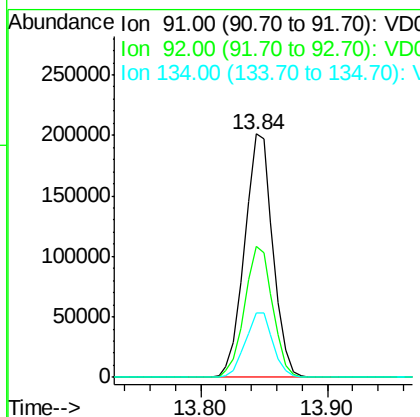
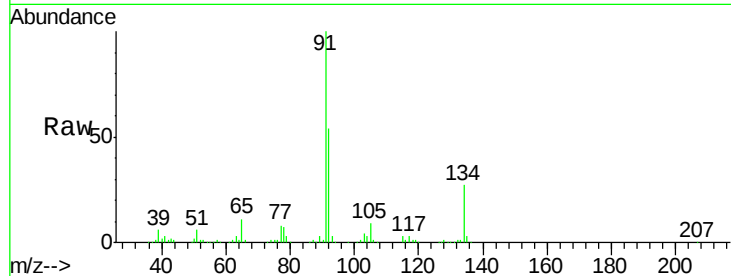
#89  
n-Butylbenzene  
Concen: 18.038 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 311471 |       |       |
| 92      | 53.5  | 26.7   | 80.0  |       |
| 134     | 26.0  | 13.1   | 39.1  |       |

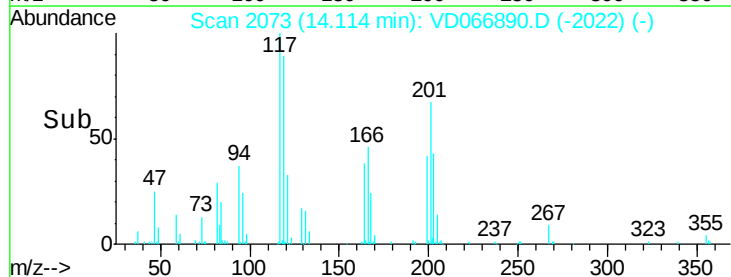
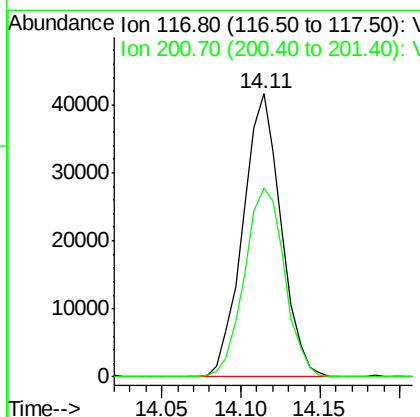
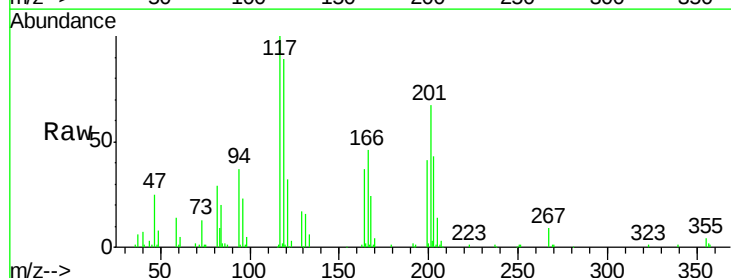
Manual Integrations  
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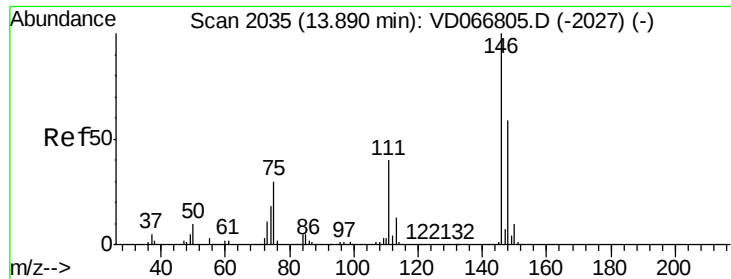
MMDadoda  
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#90  
Hexachloroethane  
Concen: 18.842 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 69494 |       |       |
| 201     | 70.1  | 33.7  | 101.0 |       |





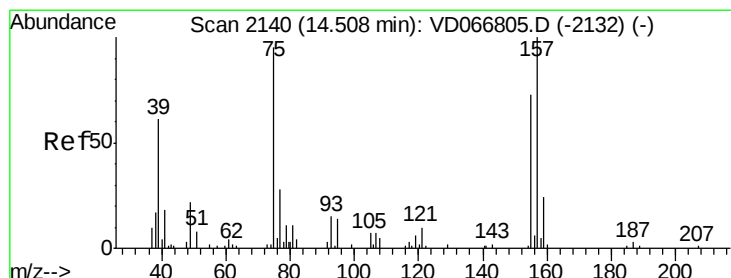
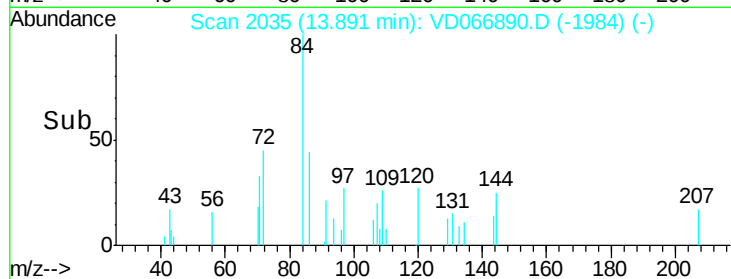
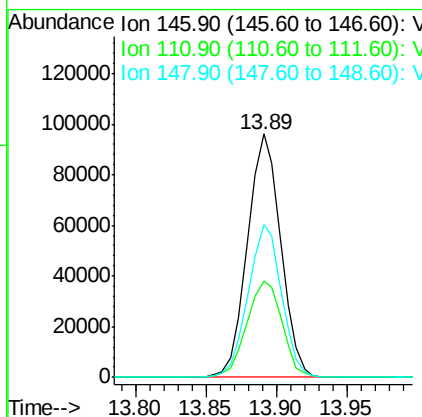
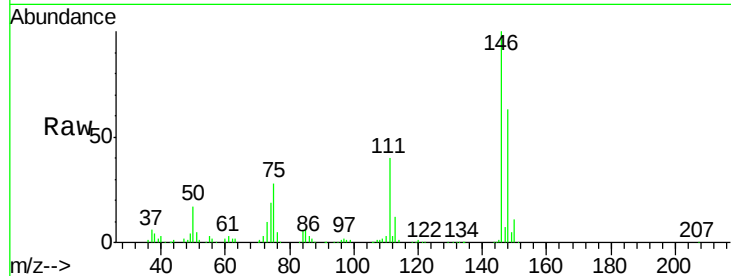
#91  
 1,2-Dichlorobenzene  
 Concen: 20.064 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.0  | 20.9  | 62.7  |
| 148     | 62.9  | 31.8  | 95.3  |

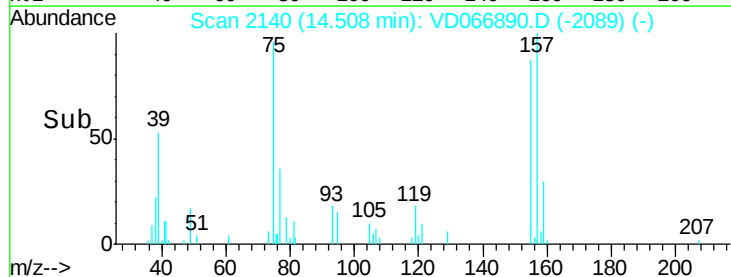
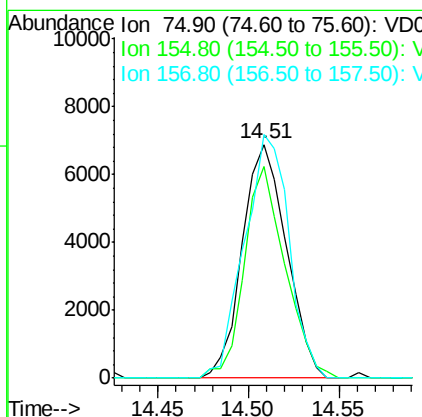
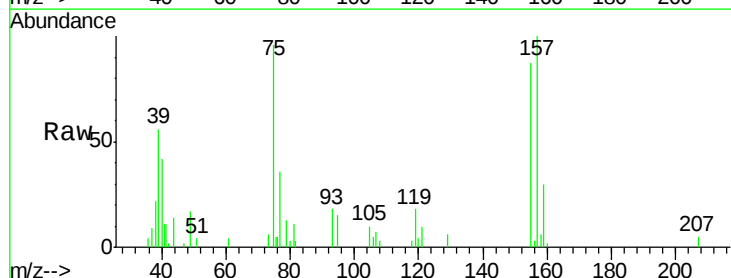
Manual Integrations  
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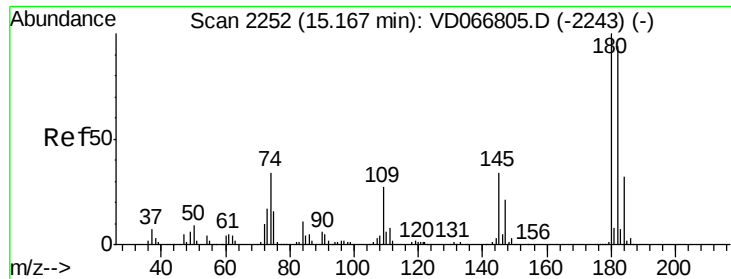
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.947 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 83.9  | 40.4  | 121.2 |
| 157     | 105.1 | 51.3  | 153.9 |





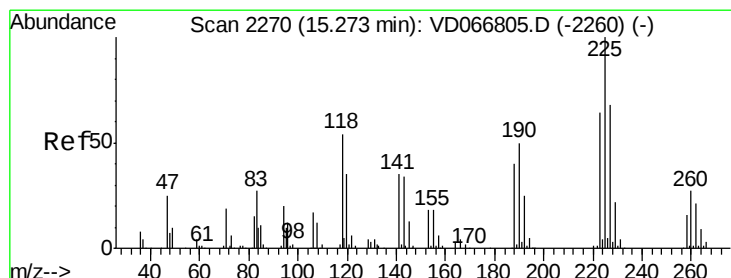
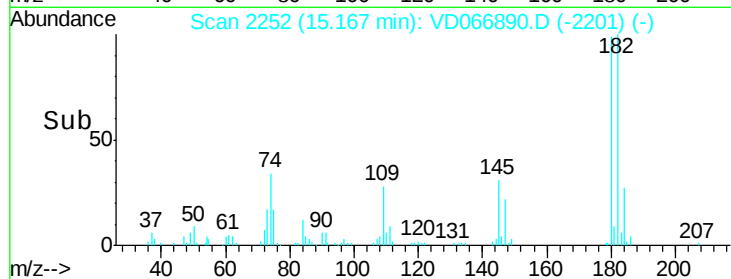
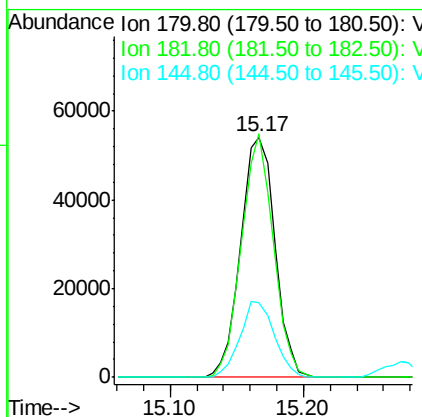
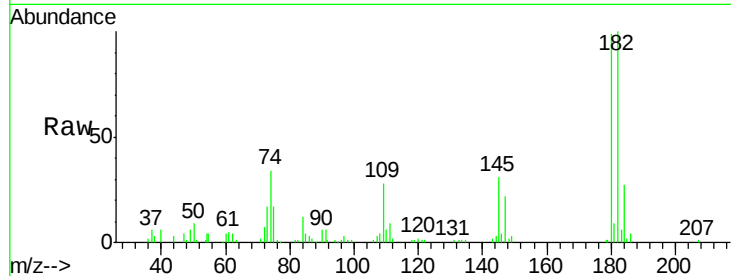
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.248 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0925SBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 96284 |       |       |
| 182     | 93.9  | 48.8  | 146.3 |       |
| 145     | 31.4  | 16.7  | 50.0  |       |

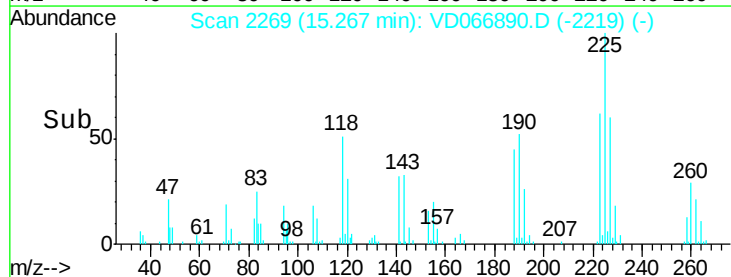
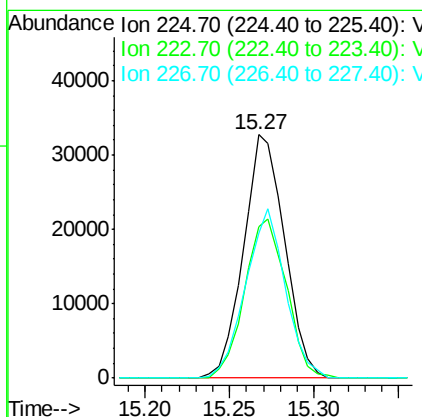
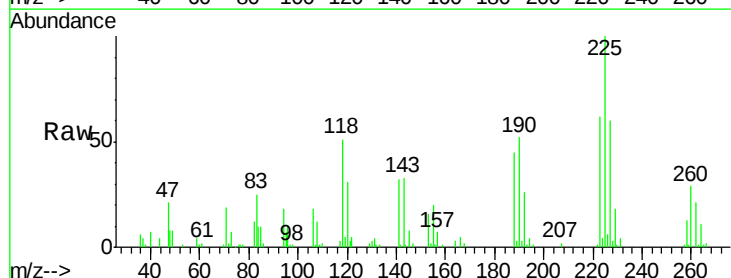
Manual Integrations  
 APPROVED

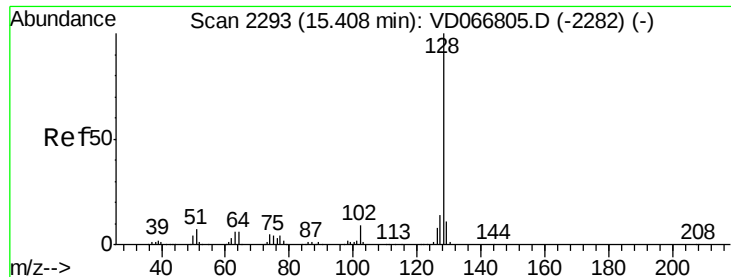
MMDadoda  
 9/29/2020 11:45:31 AM



#94  
 Hexachlorobutadiene  
 Concen: 18.485 ug/l  
 RT: 15.27 min Scan# 2269  
 Delta R.T. -0.01 min  
 Lab File: VD066890.D  
 Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 55410 |       |       |
| 223     | 66.5  | 31.1  | 93.3  |       |
| 227     | 67.3  | 31.7  | 95.1  |       |





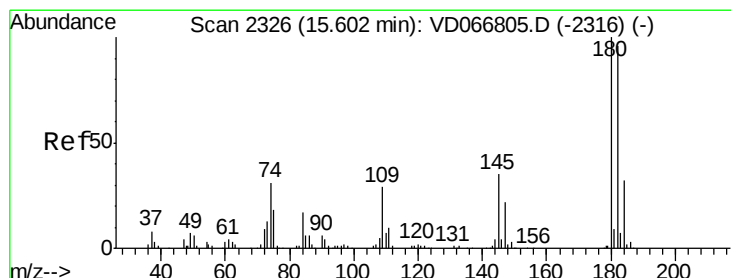
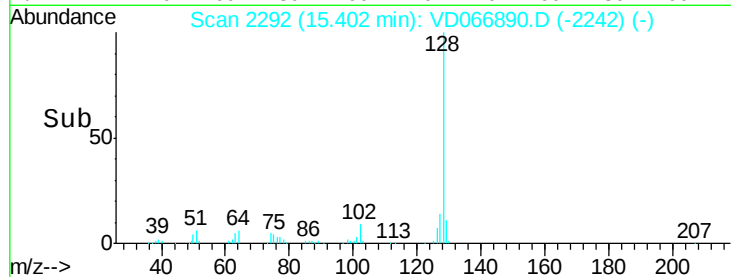
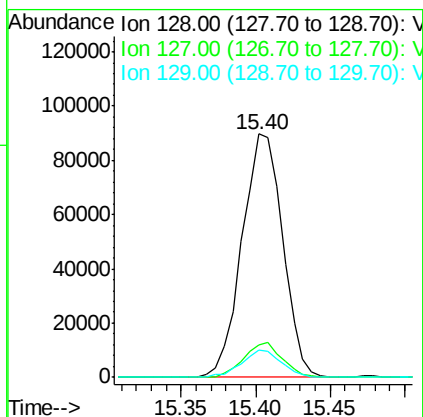
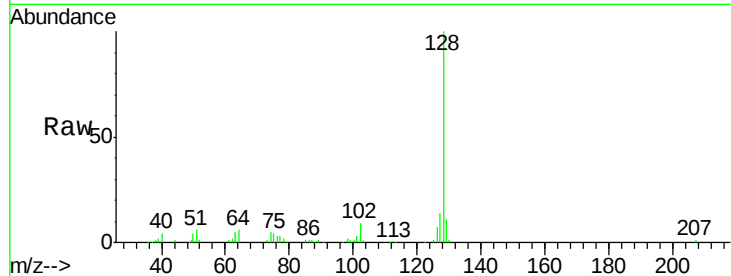
#95  
Naphthalene  
Concen: 19.945 ug/l  
RT: 15.40 min Scan# 2292  
Delta R.T. -0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0925SBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 169391 |       |       |
| 127     | 13.5  | 10.6   | 16.0  |       |
| 129     | 10.9  | 8.9    | 13.3  |       |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 19.930 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. -0.01 min  
Lab File: VD066890.D  
Acq: 26 Sep 2020 00:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 86050 |       |       |
| 182     | 94.8  | 46.8  | 140.3 |       |
| 145     | 33.8  | 17.0  | 51.0  |       |

