

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\  
 Data File : VN060948.D  
 Acq On : 14 Apr 2020 20:46  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/15/2020 1:50:07 PM

Quant Time: Apr 15 09:33:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 7.64  | 168  | 141812   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.56  | 114  | 244631   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.40 | 117  | 223582   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.34 | 152  | 107861   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 8.00  | 65   | 98616    | 50.66   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 101.32% |          |
| 35) Dibromofluoromethane      | 7.56  | 113  | 74583    | 50.42   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 100.84% |          |
| 50) Toluene-d8                | 10.08 | 98   | 293965   | 48.65   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 97.30%  |          |
| 62) 4-Bromofluorobenzene      | 12.40 | 95   | 110851   | 50.06   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 100.12% |          |
| Target Compounds              |       |      |          |         |         |          |
|                               |       |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 1.83  | 85   | 54306    | 39.577  | ug/l    | 100      |
| 3) Chloromethane              | 2.04  | 50   | 102057   | 39.823  | ug/l    | 99       |
| 4) Vinyl Chloride             | 2.17  | 62   | 81627    | 40.723  | ug/l    | 98       |
| 5) Bromomethane               | 2.54  | 94   | 41113    | 47.513  | ug/l    | 99       |
| 6) Chloroethane               | 2.68  | 64   | 52366    | 45.352  | ug/l    | 99       |
| 7) Trichlorofluoromethane     | 3.00  | 101  | 110994   | 44.951  | ug/l    | 96       |
| 8) Diethyl Ether              | 3.38  | 74   | 48765    | 49.162  | ug/l    | 95       |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74  | 101  | 66435    | 46.433  | ug/l    | 100      |
| 10) Methyl Iodide             | 3.93  | 142  | 51766    | 40.660  | ug/l    | 98       |
| 11) Tert butyl alcohol        | 4.72  | 59   | 71645    | 250.239 | ug/l #  | 88       |
| 12) 1,1-Dichloroethene        | 3.72  | 96   | 68522    | 44.629  | ug/l    | 98       |
| 13) Acrolein                  | 3.57  | 56   | 93934    | 296.030 | ug/l    | 100      |
| 14) Allyl chloride            | 4.29  | 41   | 126638   | 46.896  | ug/l    | 98       |
| 15) Acrylonitrile             | 4.94  | 53   | 222035   | 263.728 | ug/l    | 99       |
| 16) Acetone                   | 3.78  | 43   | 177148   | 256.892 | ug/l    | 100      |
| 17) Carbon Disulfide          | 4.03  | 76   | 180825   | 38.724  | ug/l    | 100      |
| 18) Methyl Acetate            | 4.28  | 43   | 106554   | 54.897  | ug/l    | 99       |
| 19) Methyl tert-butyl Ether   | 5.00  | 73   | 255632   | 48.426  | ug/l    | 98       |
| 20) Methylene Chloride        | 4.52  | 84   | 78890    | 46.506  | ug/l    | 99       |
| 21) trans-1,2-Dichloroethene  | 5.01  | 96   | 72680    | 44.415  | ug/l    | 93       |
| 22) Diisopropyl ether         | 5.91  | 45   | 296386   | 51.951  | ug/l    | 97       |
| 23) Vinyl Acetate             | 5.86  | 43   | 1215262  | 261.071 | ug/l    | 98       |
| 24) 1,1-Dichloroethane        | 5.81  | 63   | 153799   | 49.451  | ug/l    | 99       |
| 25) 2-Butanone                | 6.79  | 43   | 293602   | 263.117 | ug/l    | 98       |
| 26) 2,2-Dichloropropane       | 6.79  | 77   | 114923   | 46.964  | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene    | 6.80  | 96   | 87048    | 46.811  | ug/l    | 97       |
| 28) Bromochloromethane        | 7.17  | 49   | 79818    | 53.640  | ug/l    | 96       |
| 29) Tetrahydrofuran           | 7.17  | 42   | 201628   | 255.382 | ug/l    | 98       |
| 30) Chloroform                | 7.34  | 83   | 144783   | 48.559  | ug/l    | 100      |
| 31) Cyclohexane               | 7.63  | 56   | 136549   | 43.550  | ug/l    | 97       |
| 32) 1,1,1-Trichloroethane     | 7.54  | 97   | 123504   | 48.050  | ug/l    | 99       |
| 36) 1,1-Dichloropropene       | 7.77  | 75   | 108493   | 45.801  | ug/l    | 100      |
| 37) Ethyl Acetate             | 6.89  | 43   | 126656   | 49.484  | ug/l    | 99       |
| 38) Carbon Tetrachloride      | 7.75  | 117  | 96870    | 45.628  | ug/l    | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/15/2020 1:50:07 PM

Quant Time: Apr 15 09:33:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 124922   | 44.377   | ug/l   | 97       |
| 40) Benzene                    | 8.02  | 78   | 328558   | 45.947   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.14  | 41   | 55138m   | 50.477   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 115254   | 47.162   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.14  | 43   | 212585   | 50.362   | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 81347    | 45.127   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 92576    | 49.063   | ug/l   | 97       |
| 46) Dibromomethane             | 9.19  | 93   | 54642    | 47.901   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.38  | 83   | 115665   | 48.795   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 93561    | 49.783   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 22755    | 1018.641 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 628274   | 261.561  | ug/l   | 99       |
| 52) Toluene                    | 10.14 | 92   | 200291   | 46.379   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 133606   | 49.068   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 141948   | 47.520   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 80264    | 48.310   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 132657   | 51.208   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 140512   | 48.737   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 308945   | 239.952  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.74 | 43   | 458020   | 264.705  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.89 | 129  | 85012    | 49.536   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 80582    | 48.234   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.62 | 164  | 71775    | 40.795   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.42 | 112  | 205723   | 46.415   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 77254    | 48.140   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 388601   | 47.146   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.61 | 106  | 284719   | 92.955   | ug/l   | 99       |
| 69) o-Xylene                   | 11.94 | 106  | 136086   | 46.542   | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 229883   | 48.071   | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 59899    | 45.080   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.24 | 105  | 370499   | 45.772   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.06 | 43   | 184993   | 49.458   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 119583   | 48.852   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 107074m  | 46.005   | ug/l   |          |
| 77) Bromobenzene               | 12.52 | 156  | 86806    | 44.504   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.59 | 91   | 438234   | 45.825   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 258468   | 45.234   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 311831   | 45.395   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 42162    | 46.526   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 267875   | 46.030   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 262386   | 46.078   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.03 | 105  | 315460   | 46.420   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 356892   | 46.608   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 319078   | 46.340   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 157759   | 45.859   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 159124   | 46.040   | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 296929   | 47.763   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 51132    | 51.087   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 152514   | 46.365   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 25168    | 49.083   | ug/l   | 93       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

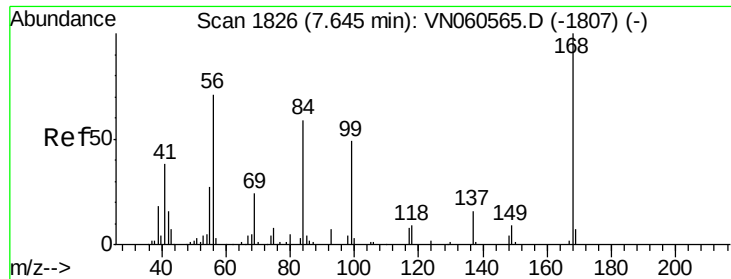
MMDadoda  
4/15/2020 1:50:07 PM

Quant Time: Apr 15 09:33:50 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 18 08:49:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180  | 95768    | 47.410 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 42847    | 43.269 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 286342   | 47.129 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 92196    | 46.337 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 141812

Ion Ratio Lower Upper

168 100

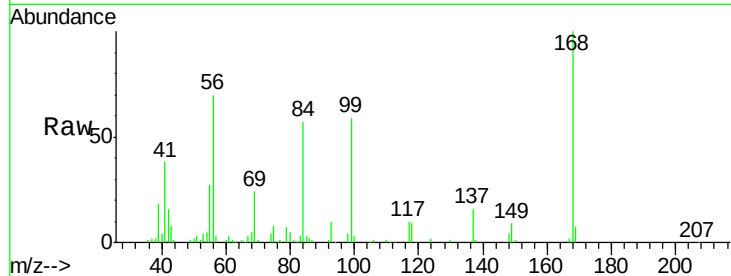
99 58.6 44.0 66.0

Manual Integrations

APPROVED

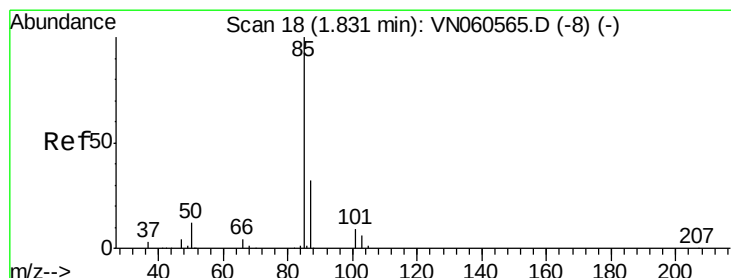
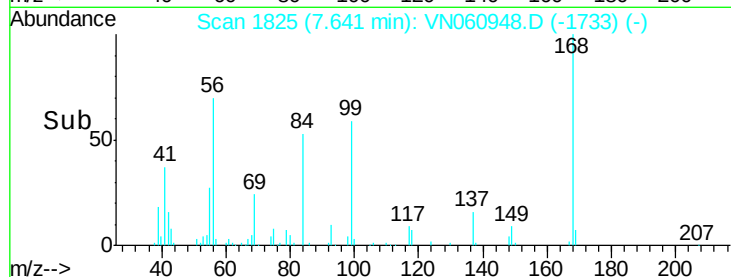
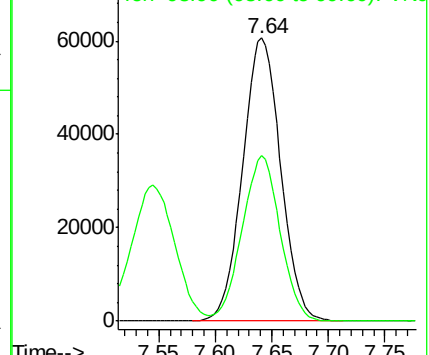
MMDadoda

4/15/2020 1:50:07 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 39.577 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060948.D

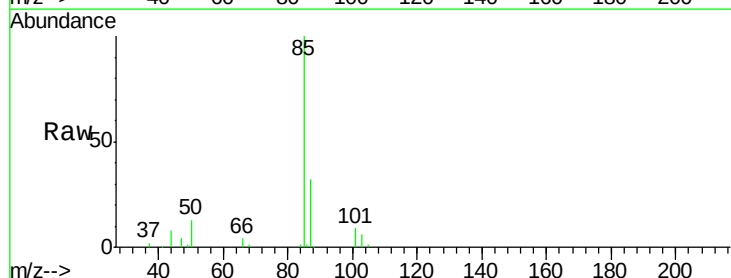
Acq: 14 Apr 2020 20:46

Tgt Ion: 85 Resp: 54306

Ion Ratio Lower Upper

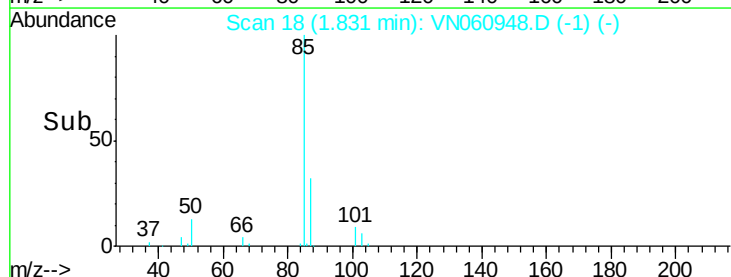
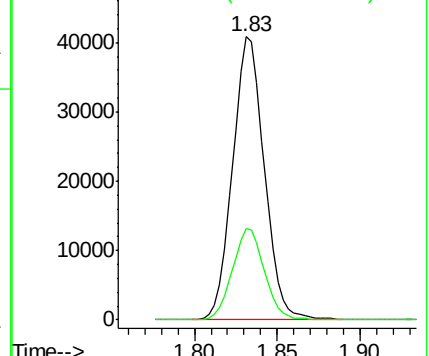
85 100

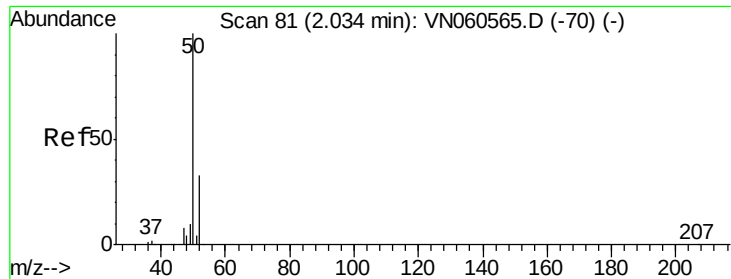
87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 39.823 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 102057

Ion Ratio Lower Upper

50 100

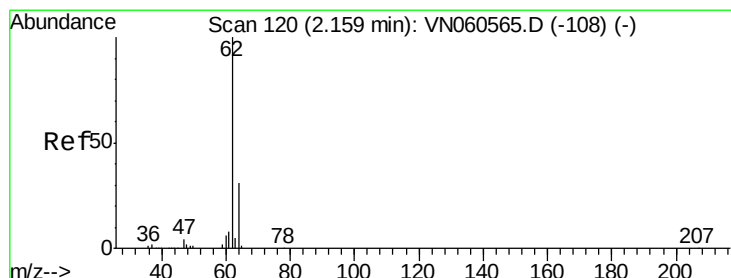
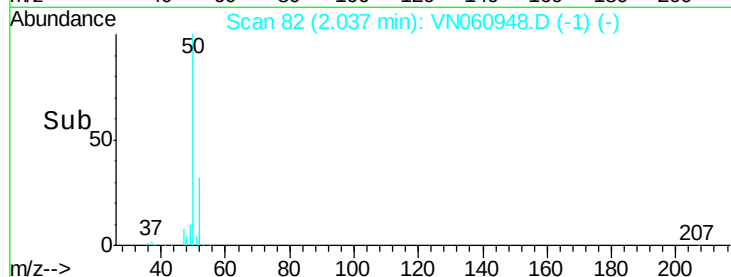
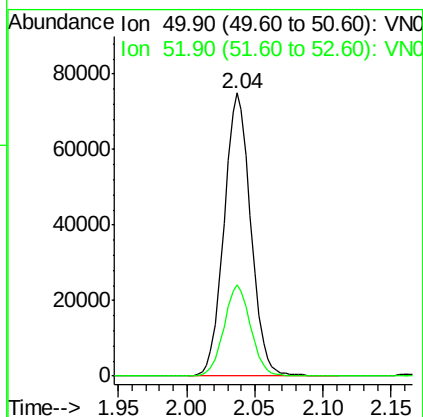
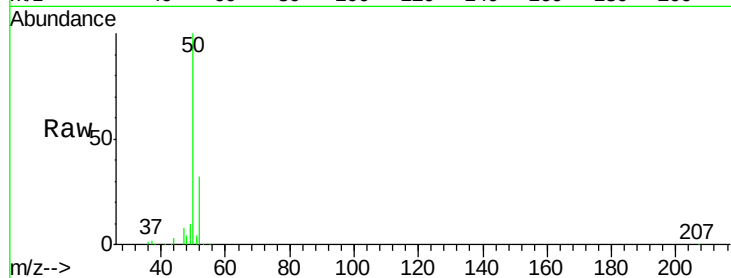
52 32.2 26.2 39.2

Manual Integrations

APPROVED

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4/15/2020 1:50:07 PM



#4

Vinyl Chloride

Concen: 40.723 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060948.D

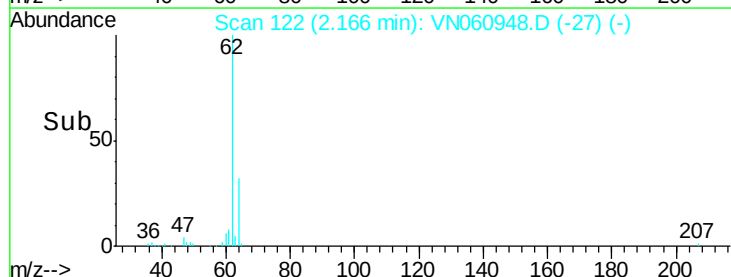
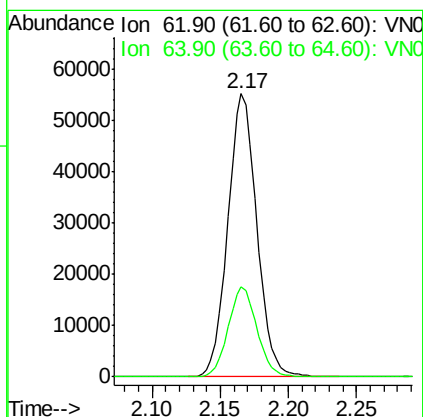
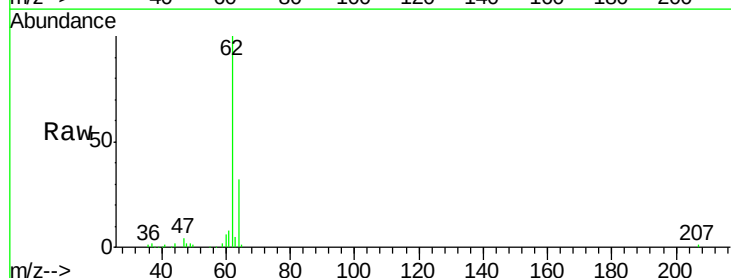
Acq: 14 Apr 2020 20:46

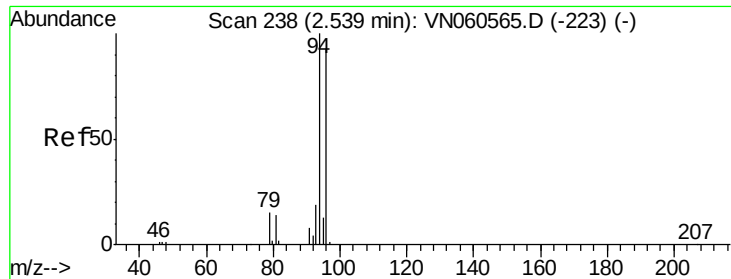
Tgt Ion: 62 Resp: 81627

Ion Ratio Lower Upper

62 100

64 31.8 24.7 37.1





#5

Bromomethane

Concen: 47.513 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 41113

Ion Ratio Lower Upper

94 100

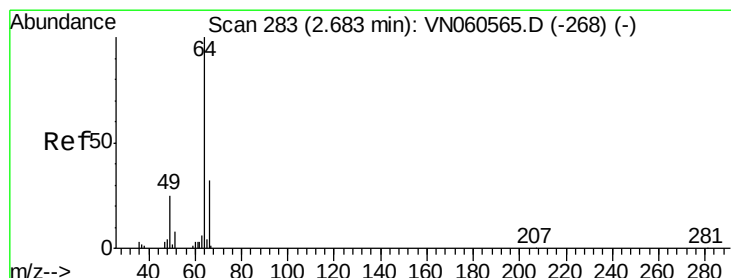
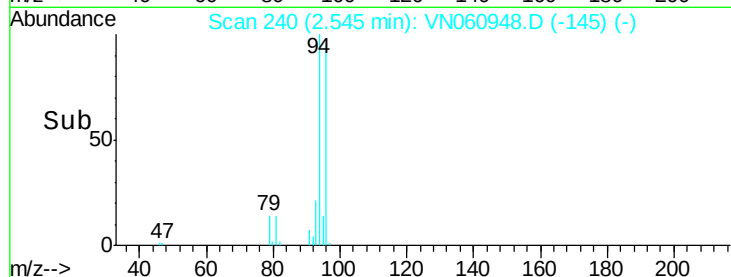
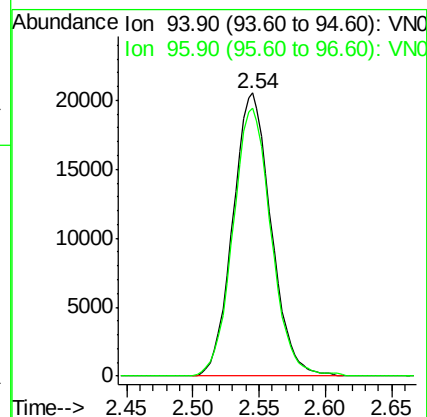
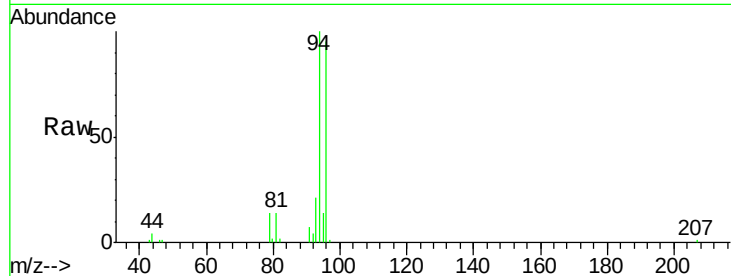
96 94.5 74.6 112.0

Manual Integrations

APPROVED

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4/15/2020 1:50:07 PM



#6

Chloroethane

Concen: 45.352 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060948.D

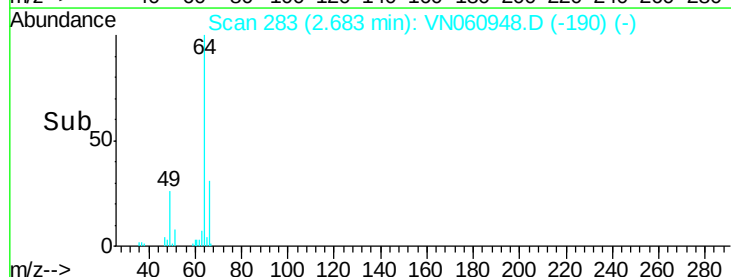
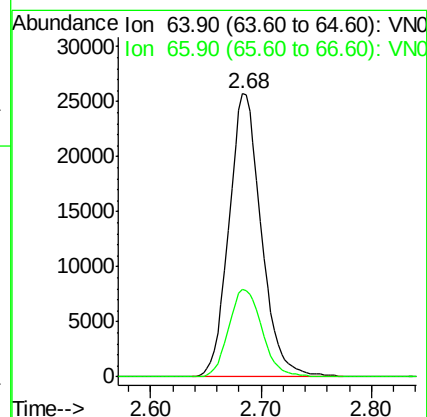
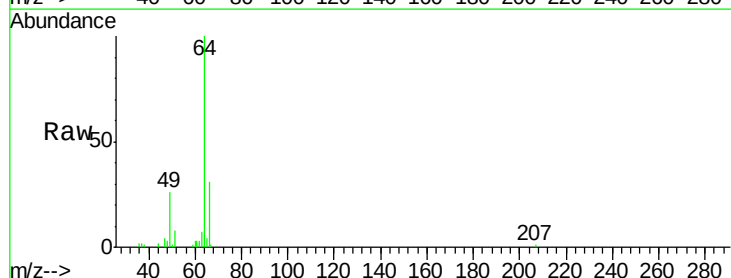
Acq: 14 Apr 2020 20:46

Tgt Ion: 64 Resp: 52366

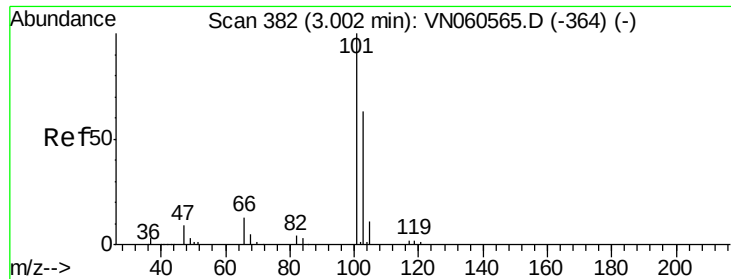
Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9







#7

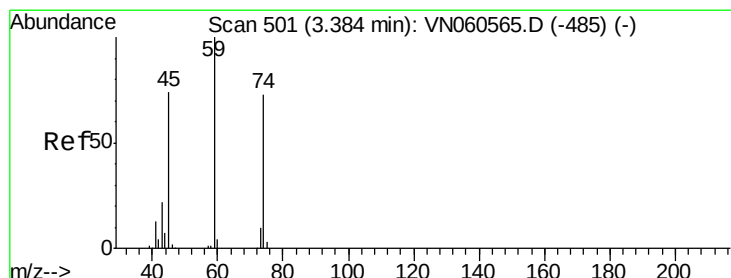
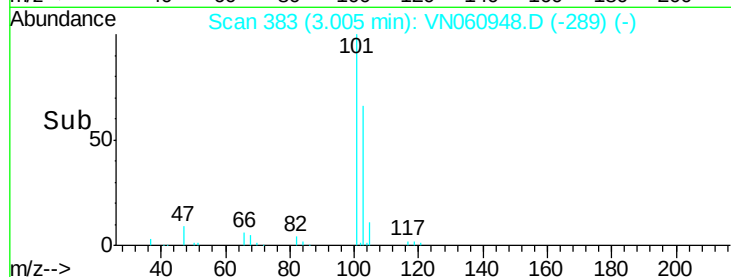
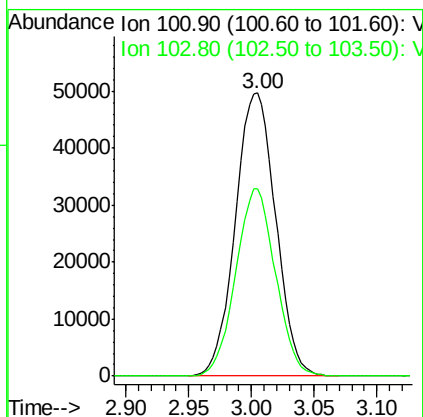
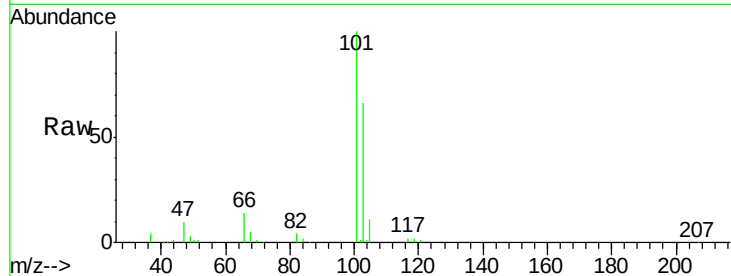
Trichlorofluoromethane  
 Concen: 44.951 ug/l  
 RT: 3.00 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.4  | 50.6  | 76.0  |

Manual Integrations  
 APPROVED

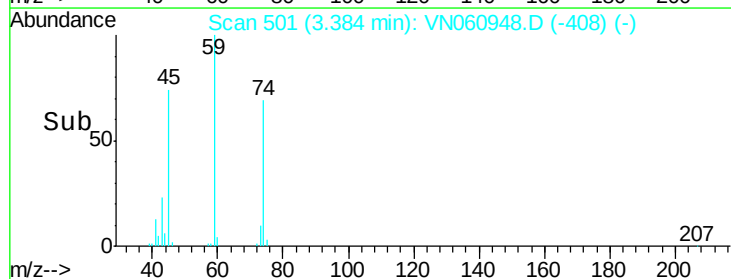
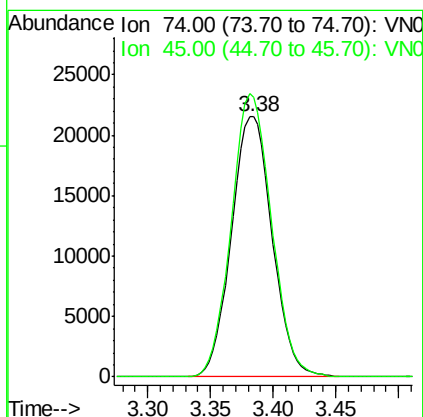
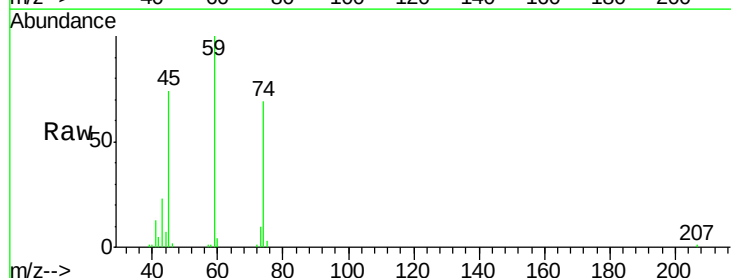
MMDadoda  
 4/15/2020 1:50:07 PM



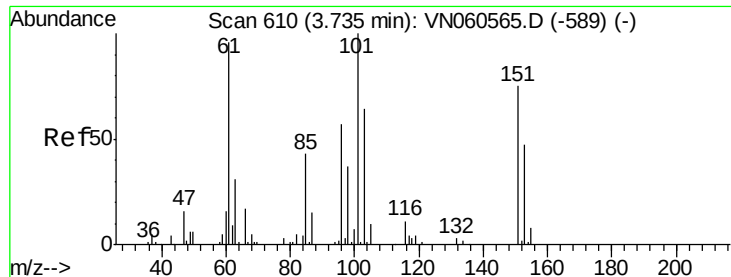
#8

Diethyl Ether  
 Concen: 49.162 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.3 | 51.3  | 153.9 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.433 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

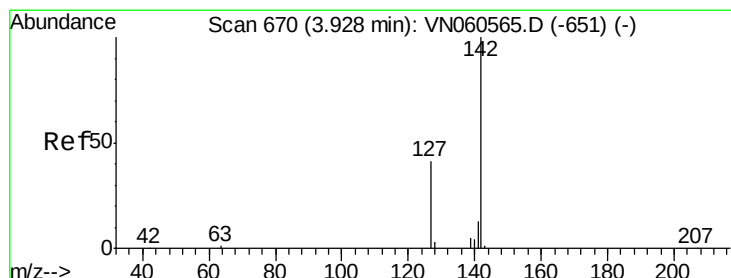
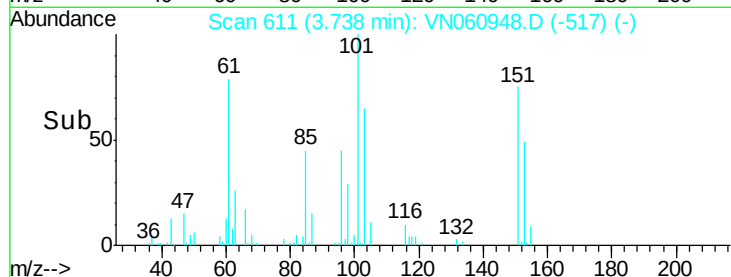
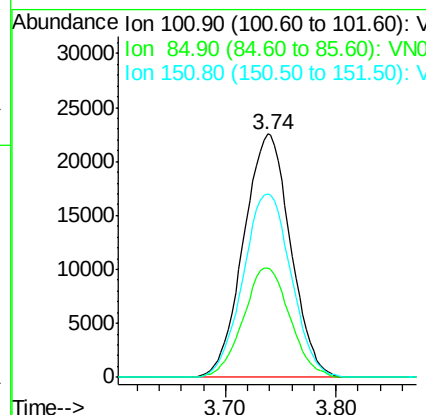
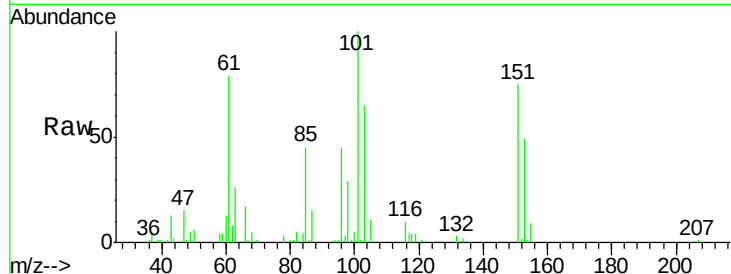
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 66435 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.7  | 35.6  | 53.4  |
| 151       | 77.3  | 61.4  | 92.2  |

Manual Integrations  
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4/15/2020 1:50:07 PM



#10

Methyl Iodide

Concen: 40.660 ug/l

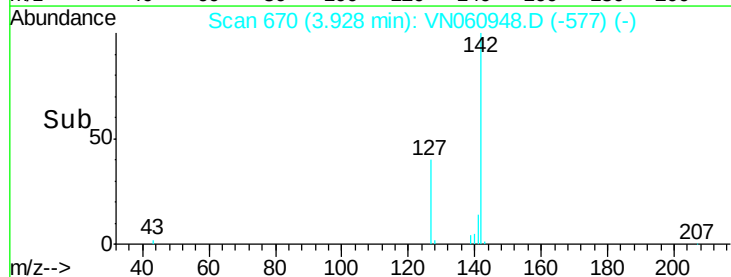
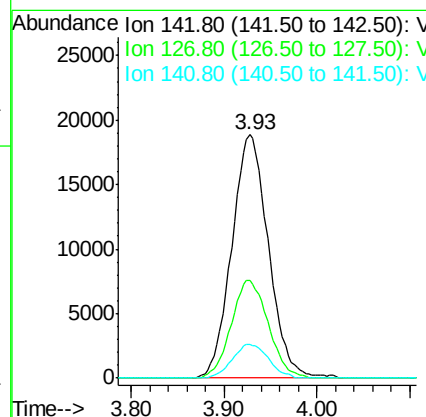
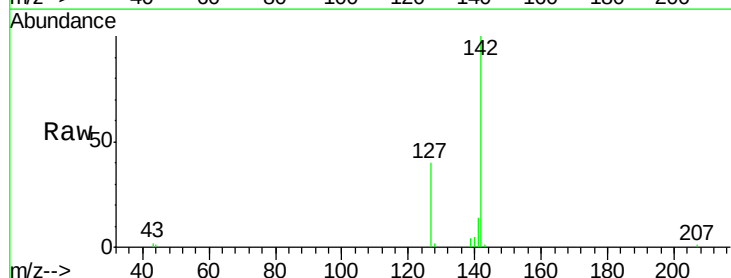
RT: 3.93 min Scan# 670

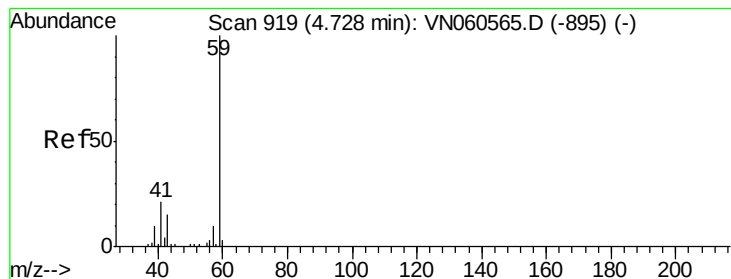
Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 51766 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 40.6  | 33.5  | 50.3  |
| 141       | 13.7  | 11.0  | 16.6  |





#11

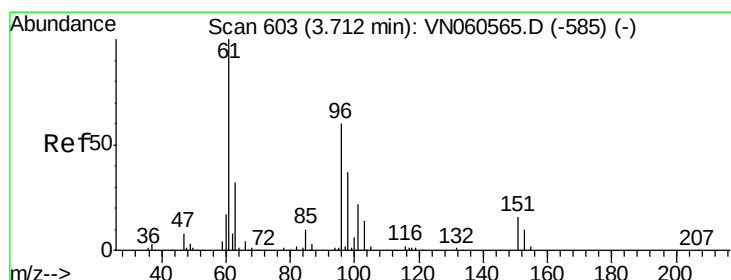
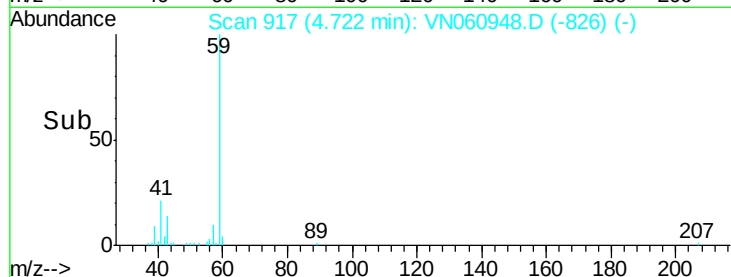
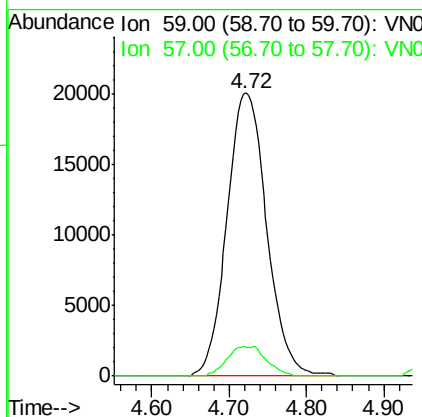
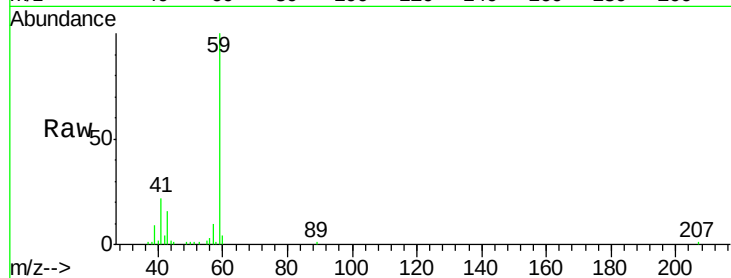
Tert butyl alcohol  
Concen: 250.239 ug/l  
RT: 4.72 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 5.7   | 8.2   | 12.4# |

Manual Integrations  
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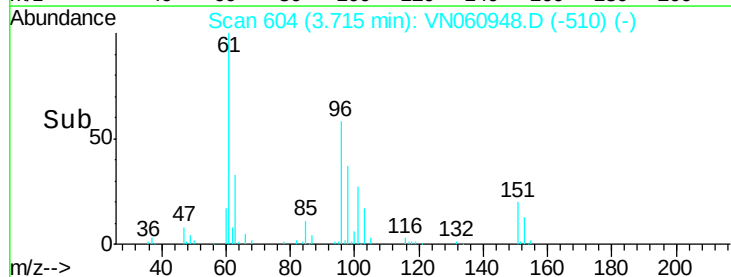
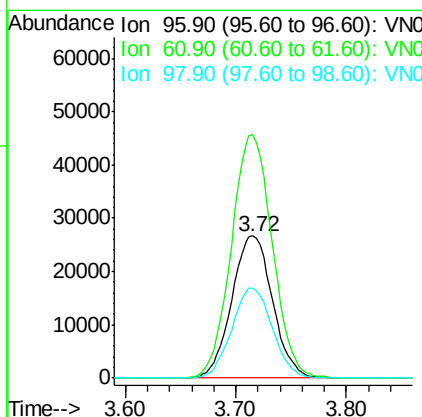
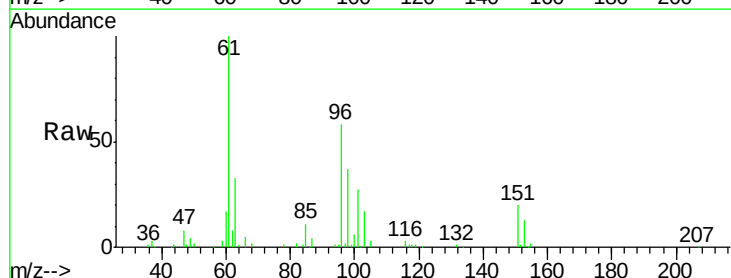
MMDadoda  
4/15/2020 1:50:07 PM

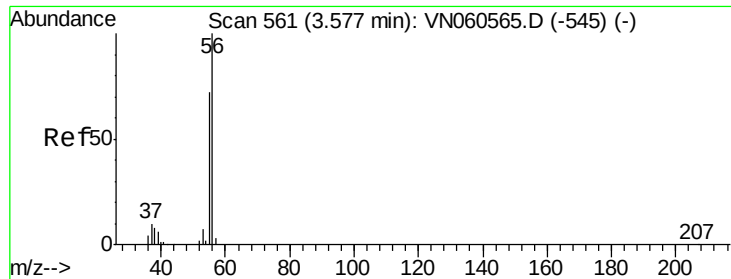


#12

1,1-Dichloroethene  
Concen: 44.629 ug/l  
RT: 3.72 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 171.1 | 134.1 | 201.1 |
| 98      | 63.4  | 49.9  | 74.9  |





#13

Acrolein

Concen: 296.030 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 93934

Ion Ratio Lower Upper

56 100

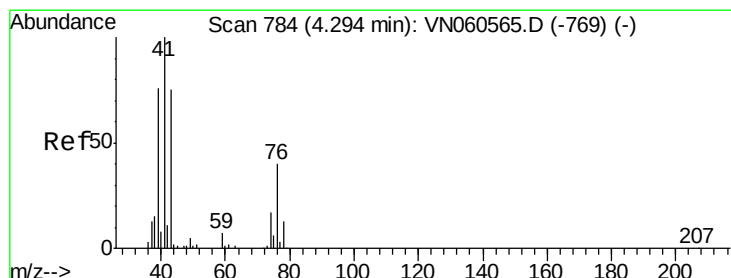
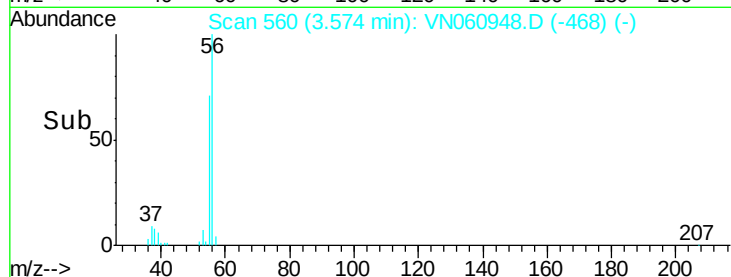
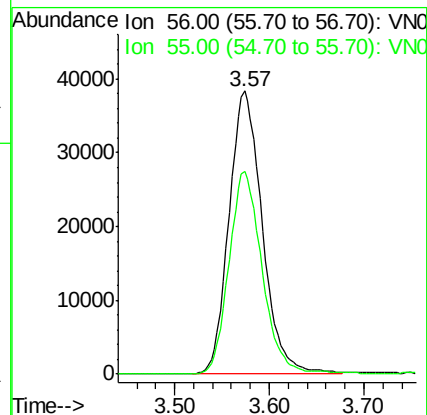
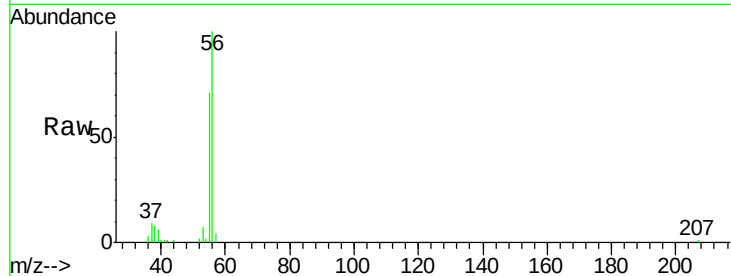
55 71.1 56.7 85.1

Manual Integrations

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4/15/2020 1:50:07 PM



#14

Allyl chloride

Concen: 46.896 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

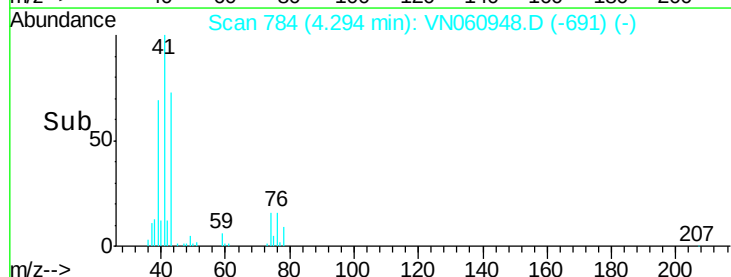
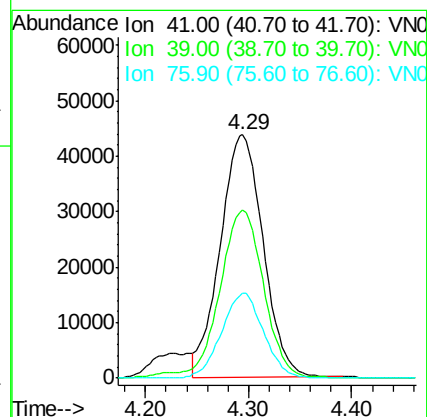
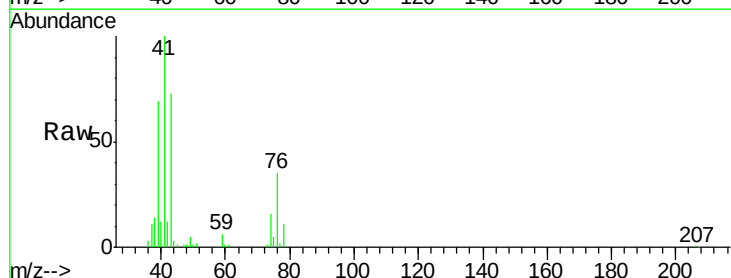
Tgt Ion: 41 Resp: 126638

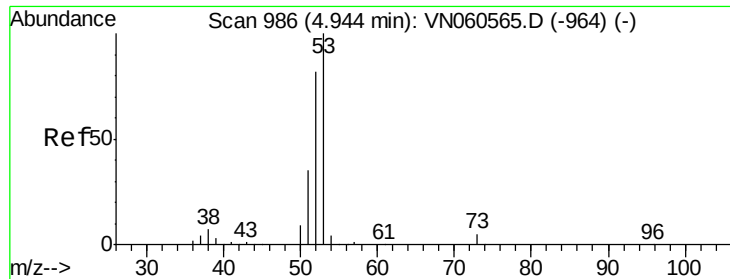
Ion Ratio Lower Upper

41 100

39 71.5 57.8 86.8

76 34.1 28.6 43.0





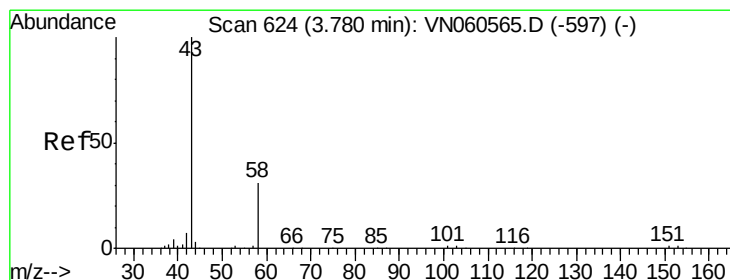
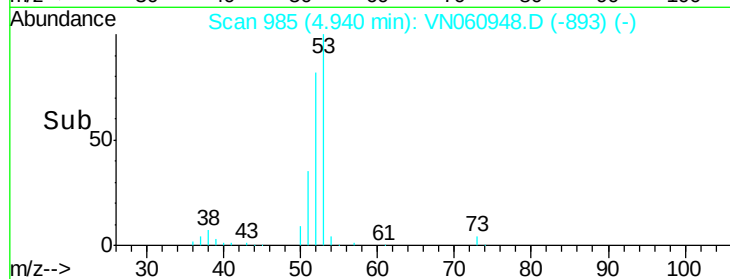
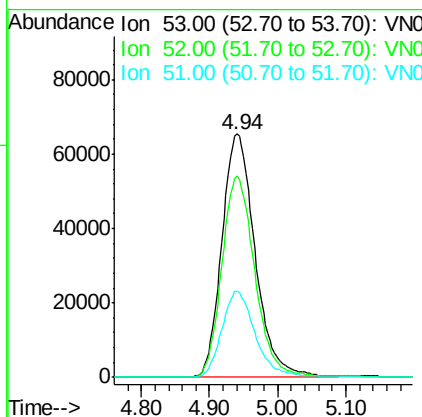
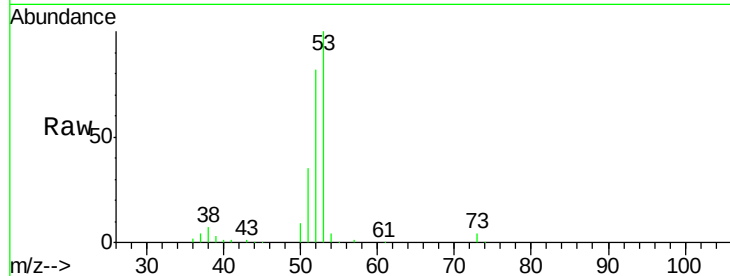
#15  
 Acrylonitrile  
 Concen: 263.728 ug/l  
 RT: 4.94 min Scan# 985  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 222035 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.6  | 66.2  | 99.4   |
| 51        | 35.7  | 28.7  | 43.1   |

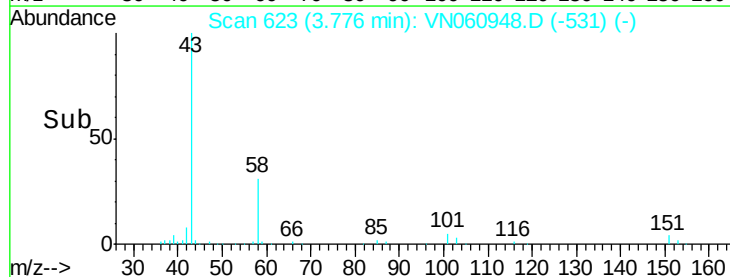
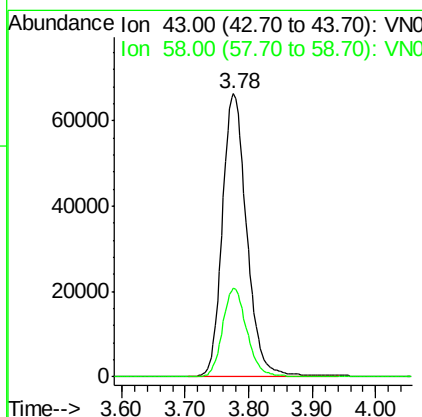
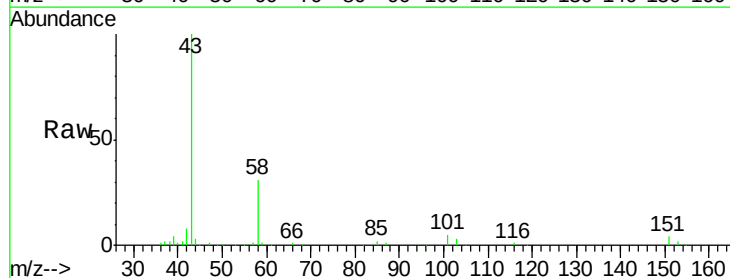
Manual Integrations  
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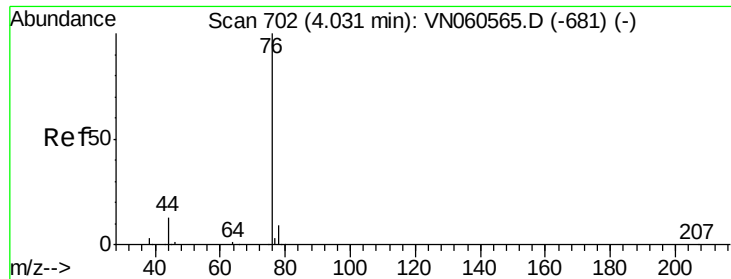
MMDadoda  
 4/15/2020 1:50:07 PM



#16  
 Acetone  
 Concen: 256.892 ug/l  
 RT: 3.78 min Scan# 623  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 177148 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 31.3  | 25.1  | 37.7   |





#17

Carbon Disulfide

Concen: 38.724 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 180825

Ion Ratio Lower Upper

76 100

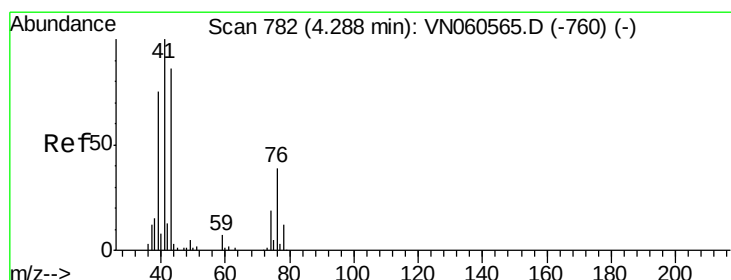
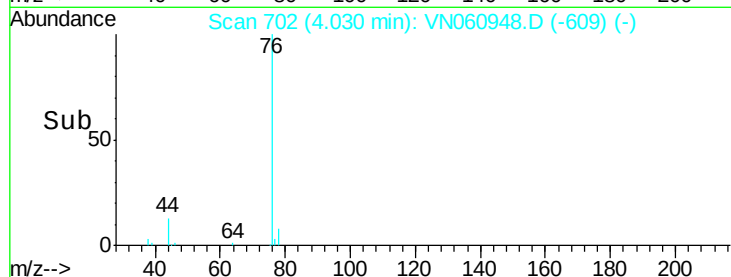
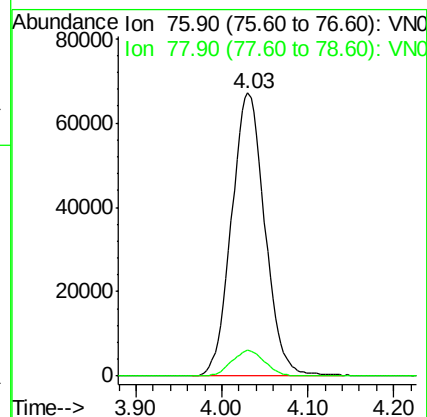
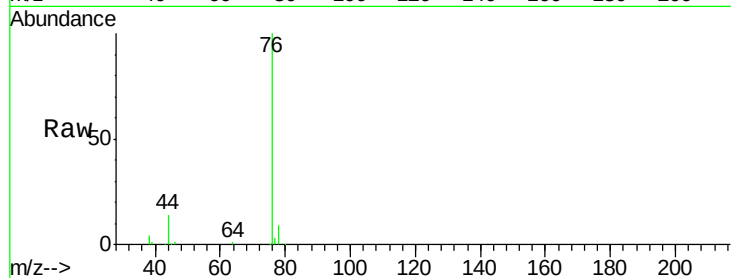
78 9.2 7.2 10.8

Manual Integrations

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MMDadoda

4/15/2020 1:50:07 PM



#18

Methyl Acetate

Concen: 54.897 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060948.D

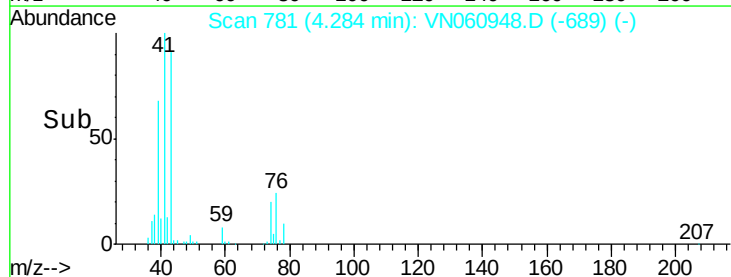
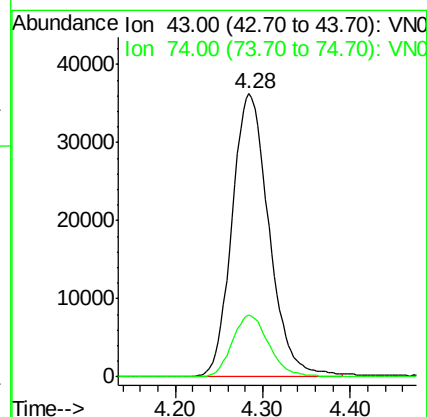
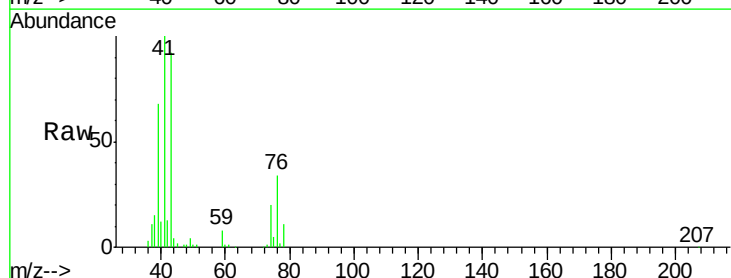
Acq: 14 Apr 2020 20:46

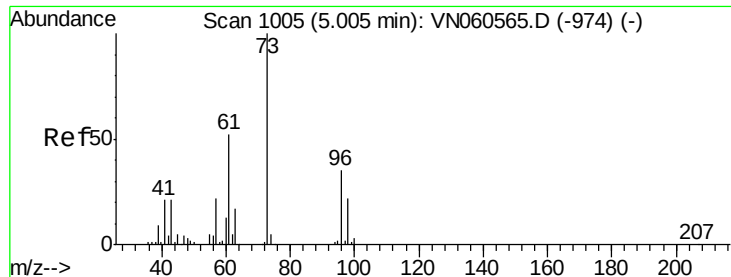
Tgt Ion: 43 Resp: 106554

Ion Ratio Lower Upper

43 100

74 21.5 17.5 26.3





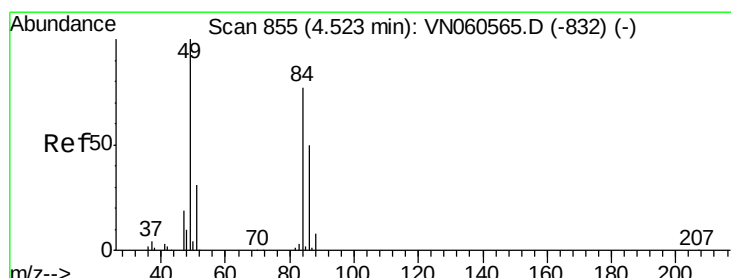
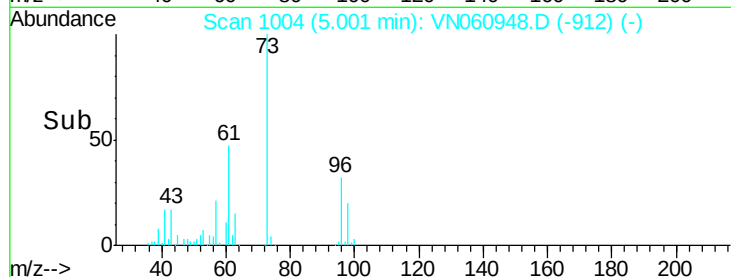
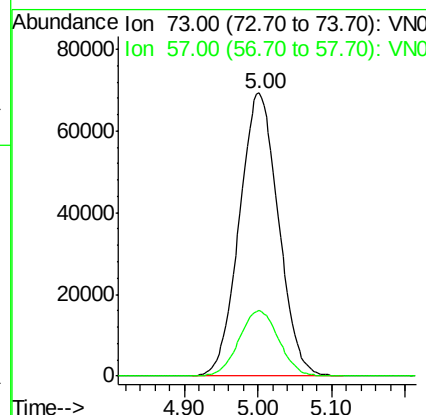
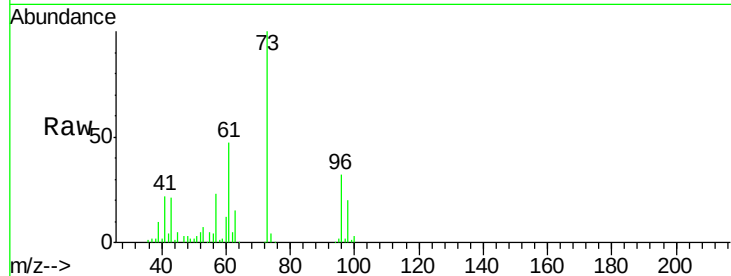
#19  
Methvl tert-butvl Ether  
Concen: 48.426 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 255632  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.5 26.3

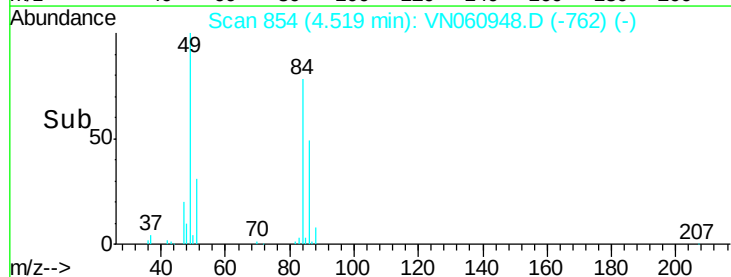
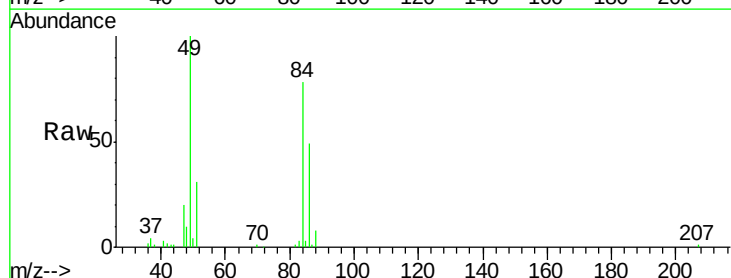
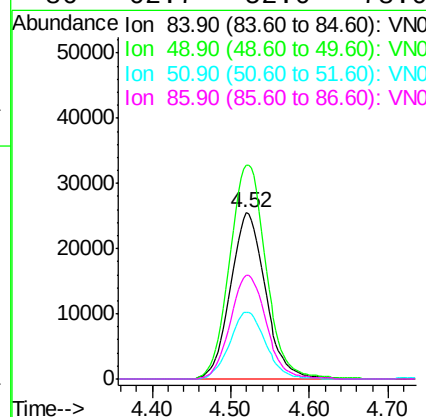
Manual Integrations  
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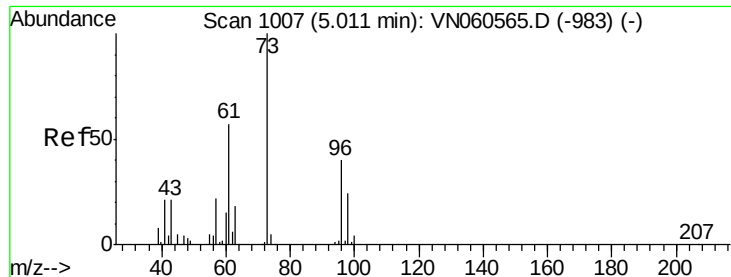
MMDadoda  
4/15/2020 1:50:07 PM



#20  
Methylene Chloride  
Concen: 46.506 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Tgt Ion: 84 Resp: 78890  
Ion Ratio Lower Upper  
84 100  
49 128.5 103.3 154.9  
51 40.4 31.6 47.4  
86 62.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 44.415 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 72680

Ion Ratio Lower Upper

96 100

61 151.9 114.4 171.6

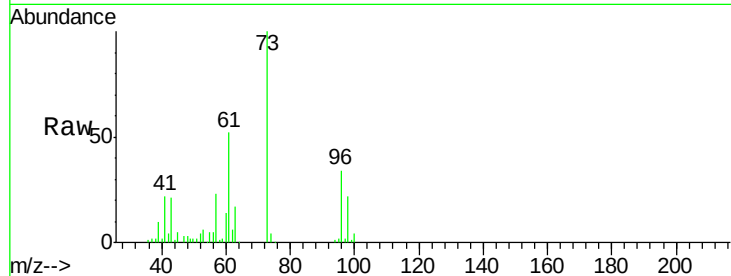
98 64.5 48.4 72.6

Manual Integrations

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MMDadoda

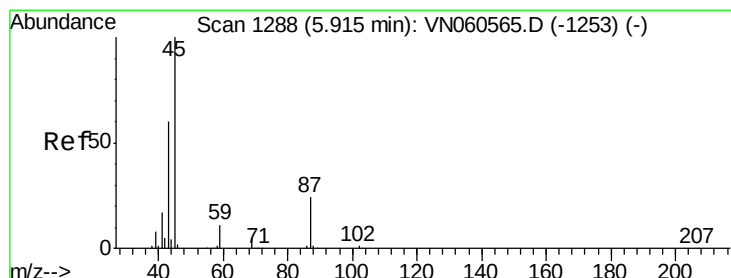
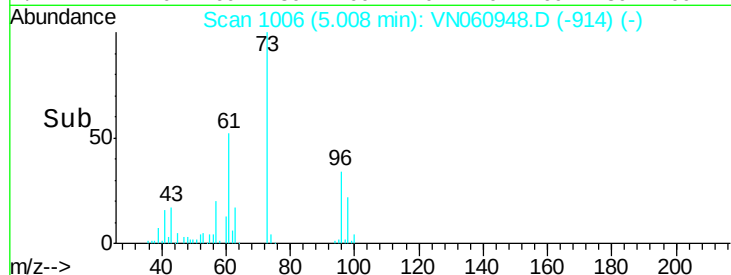
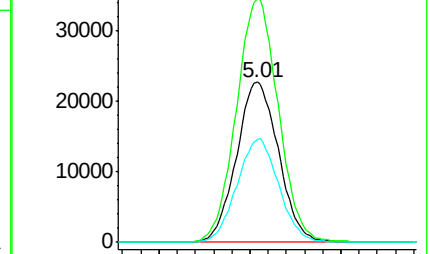
4/15/2020 1:50:07 PM



Abundance Ion 95.90 (95.60 to 96.60): VN060948.D (-1195) (-)

Ion 60.90 (60.60 to 61.60): VN060948.D (-1195) (-)

Ion 97.90 (97.60 to 98.60): VN060948.D (-1195) (-)



#22

Diisopropyl ether

Concen: 51.951 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Tgt Ion: 45 Resp: 296386

Ion Ratio Lower Upper

45 100

43 58.7 49.8 74.8

87 24.1 20.1 30.1

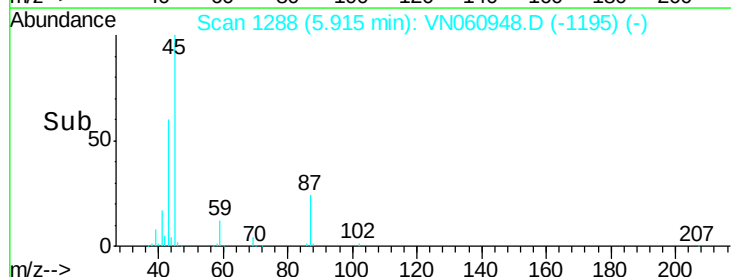
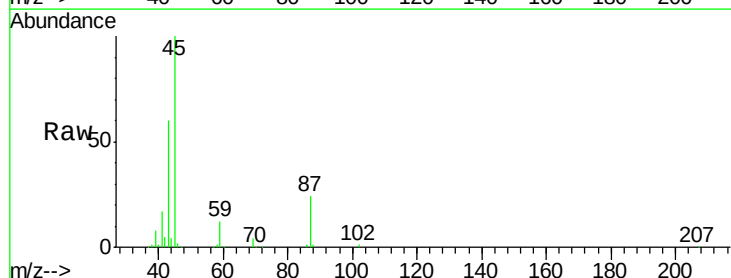
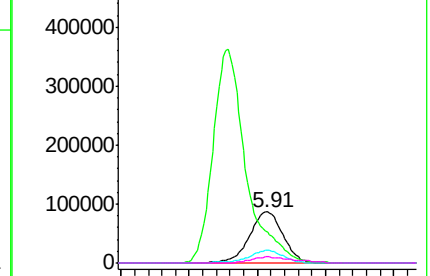
59 11.4 9.2 13.8

Abundance Ion 45.00 (44.70 to 45.70): VN060948.D (-1195) (-)

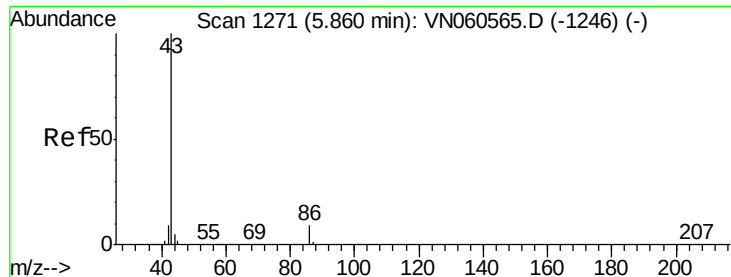
Ion 43.00 (42.70 to 43.70): VN060948.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060948.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060948.D (-1195) (-)







#23

Vinyl Acetate

Concen: 261.071 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1215262

Ion Ratio Lower Upper

43 100

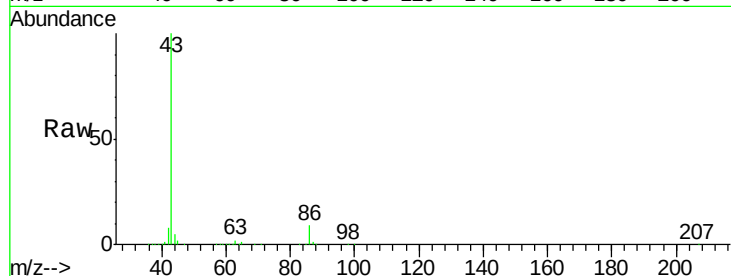
86 8.9 7.6 11.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

400000

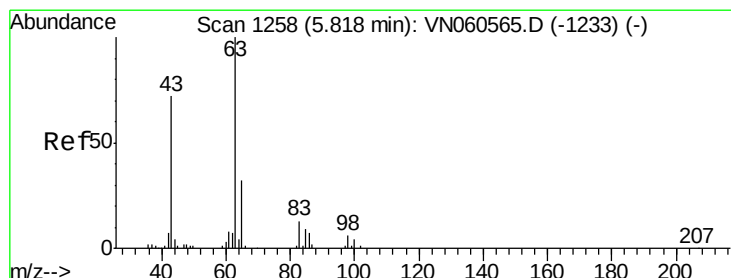
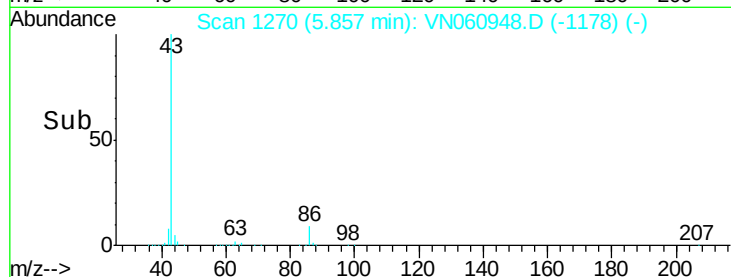
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.451 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

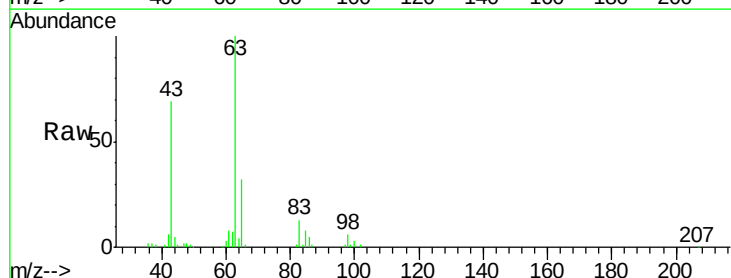
Tgt Ion: 63 Resp: 153799

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

100 3.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.81

60000

50000

40000

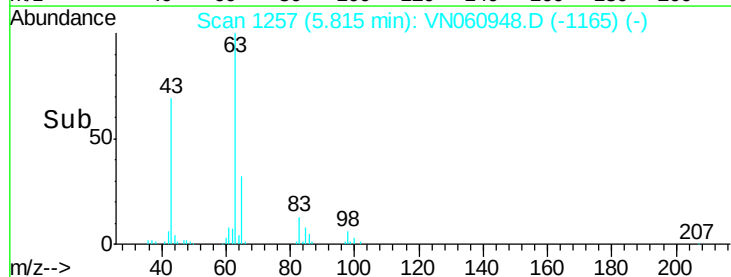
30000

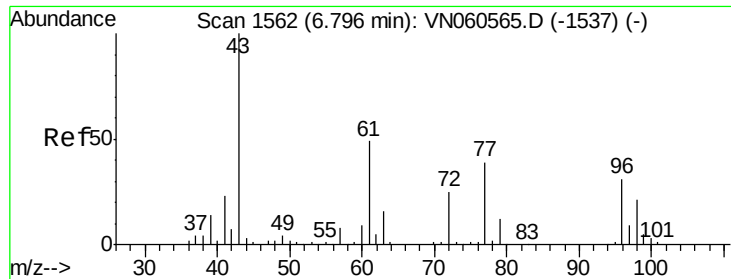
20000

10000

0

Time-->





#25

2-Butanone

Concen: 263.117 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 293602

Ion Ratio Lower Upper

43 100

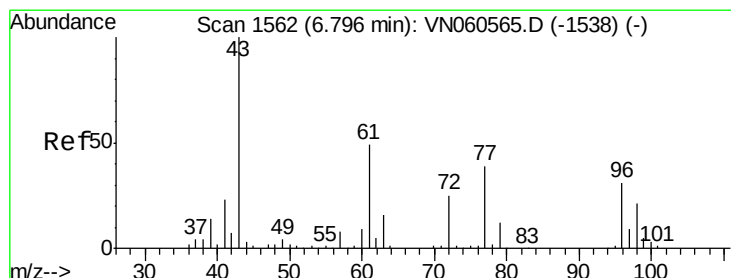
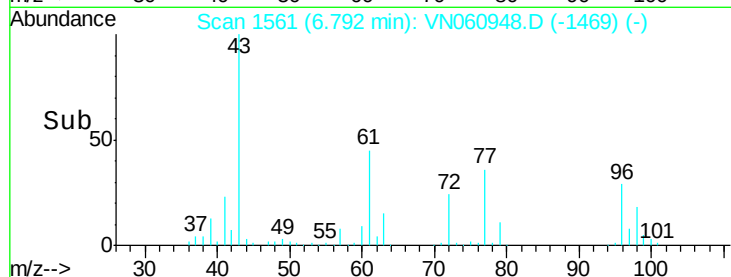
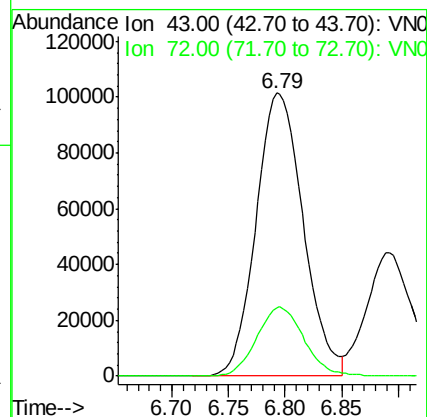
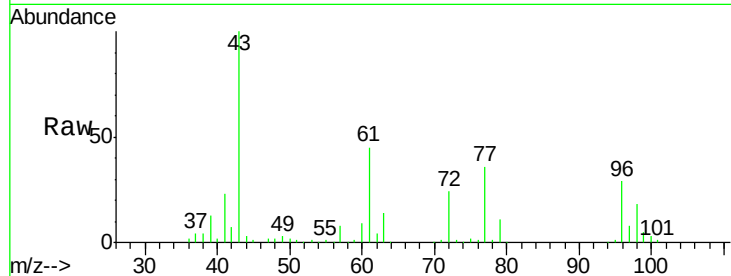
72 24.3 20.4 30.6

Manual Integrations

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4/15/2020 1:50:07 PM



#26

2,2-Dichloropropane

Concen: 46.964 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060948.D

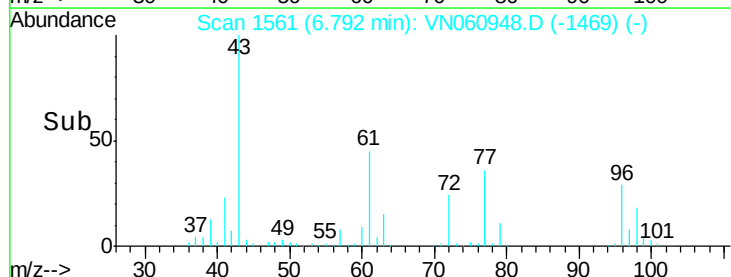
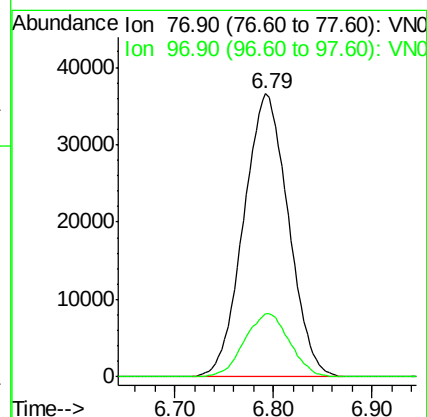
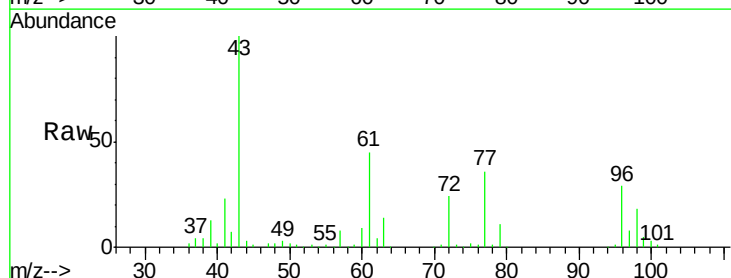
Acq: 14 Apr 2020 20:46

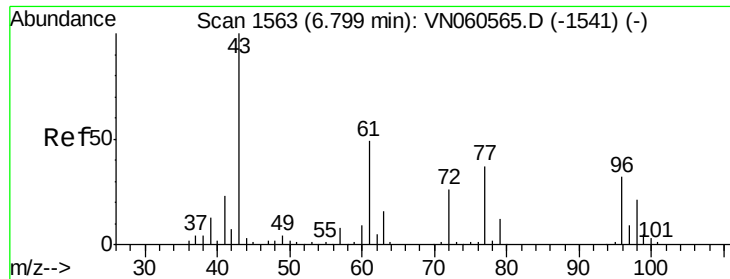
Tgt Ion: 77 Resp: 114923

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 46.811 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 87048

Ion Ratio Lower Upper

96 100

61 157.4 0.0 305.6

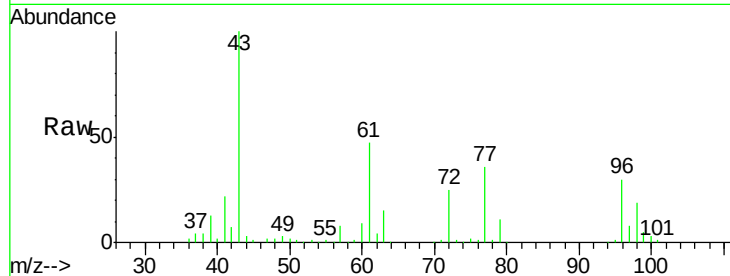
98 64.6 0.0 127.6

Manual Integrations

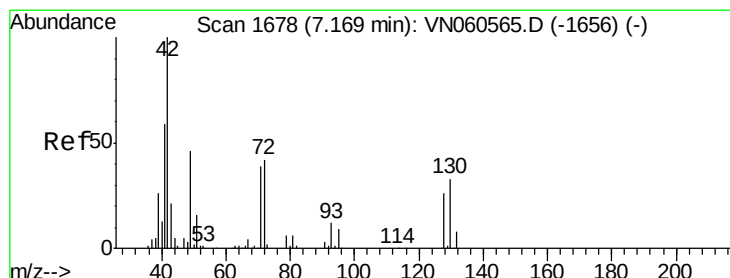
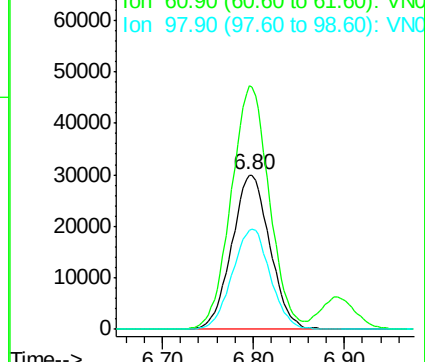
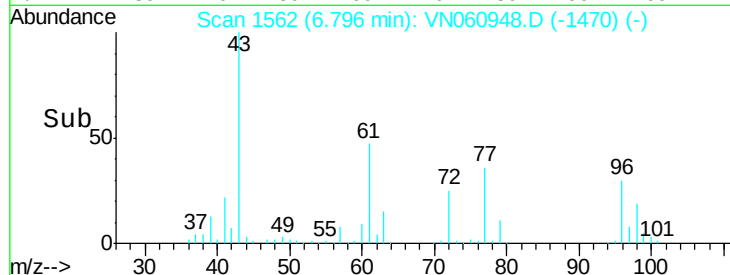
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Abundance Ion 95.90 (95.60 to 96.60): VN060948.D (-1470) (-)



#28

Bromochloromethane

Concen: 53.640 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

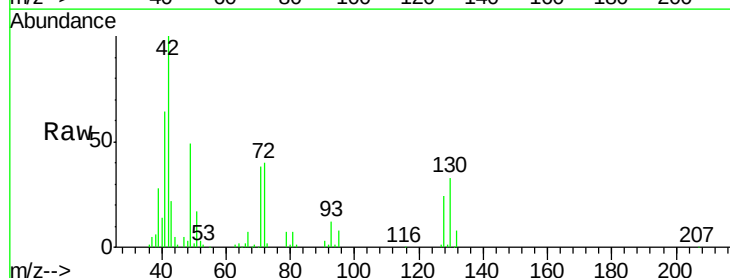
Tgt Ion: 49 Resp: 79818

Ion Ratio Lower Upper

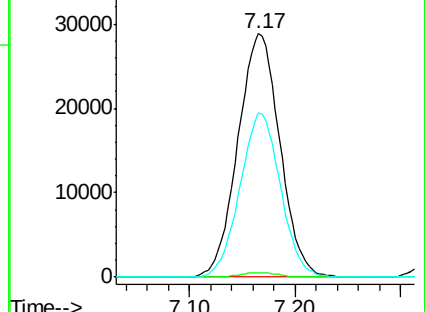
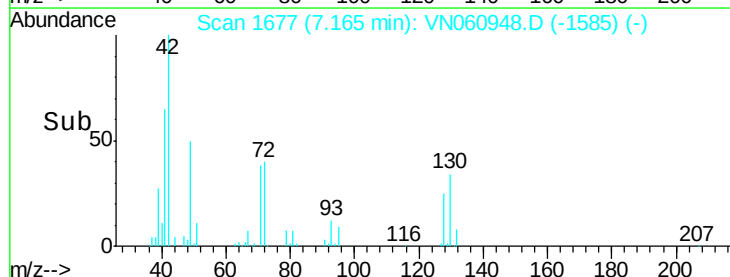
49 100

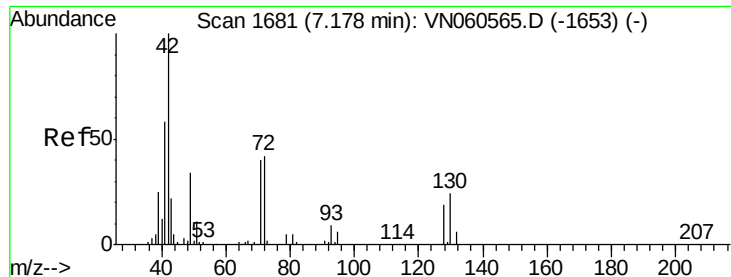
129 1.5 0.0 3.4

130 65.0 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN060948.D (-1585) (-)





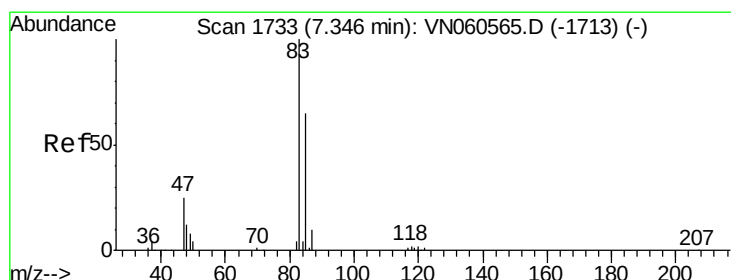
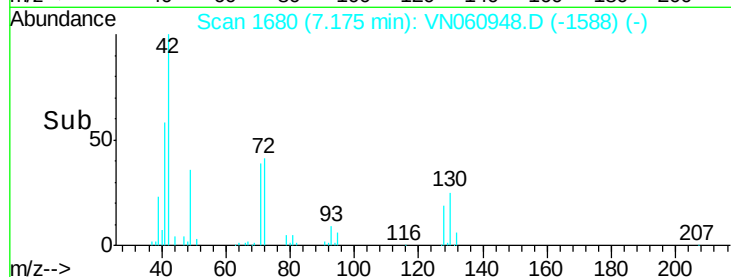
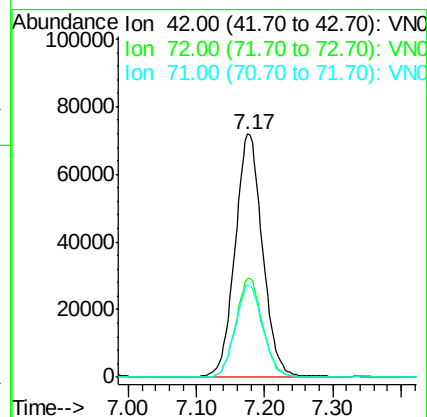
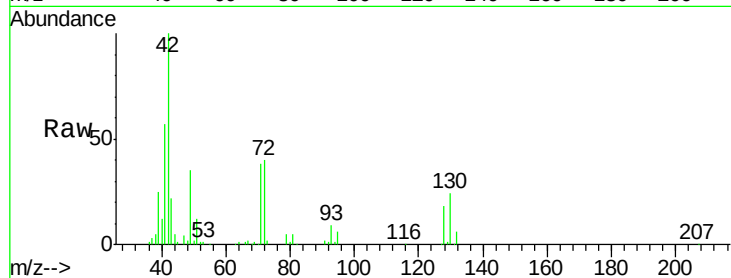
#29  
Tetrahydrofuran  
Concen: 255.382 ug/l  
RT: 7.17 min Scan# 1680  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.9  | 33.2  | 49.8  |
| 71      | 37.4  | 31.1  | 46.7  |

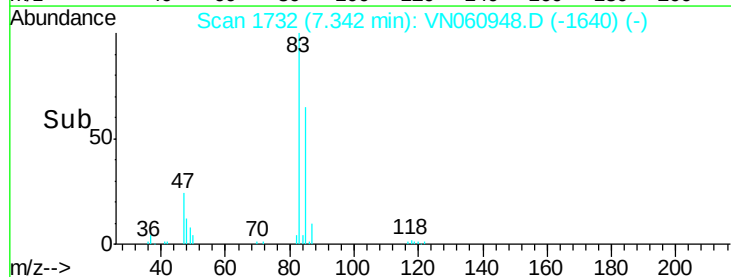
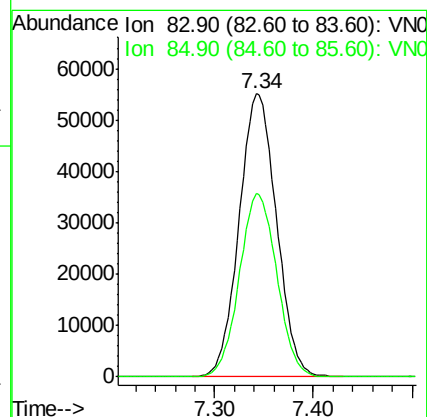
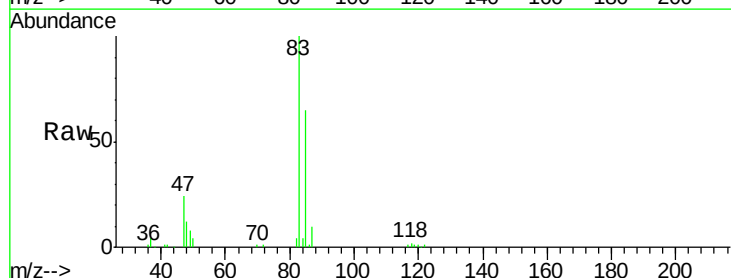
Manual Integrations  
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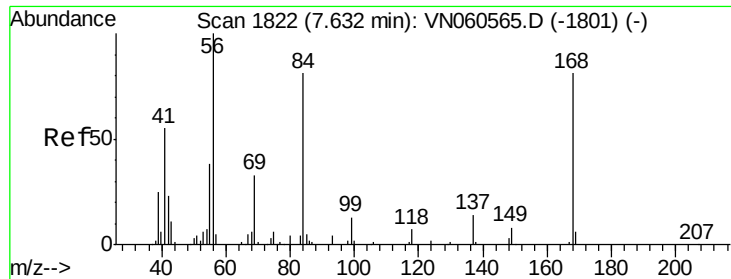
MMDadoda  
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#30  
Chloroform  
Concen: 48.559 ug/l  
RT: 7.34 min Scan# 1732  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.8  | 51.8  | 77.8  |





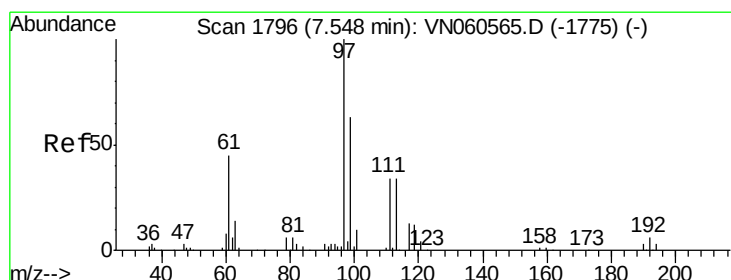
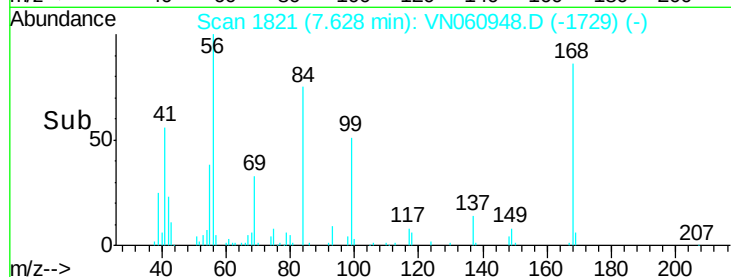
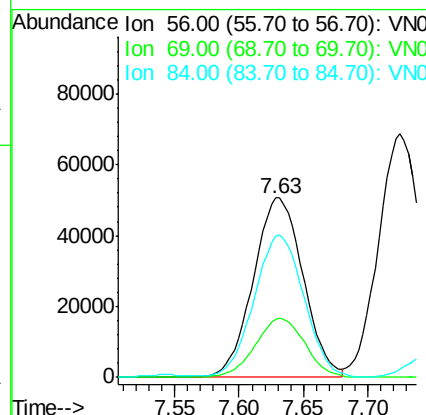
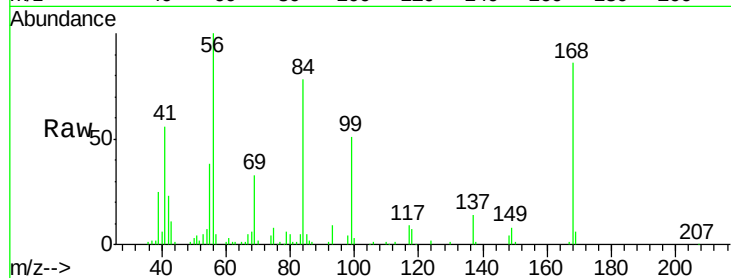
#31  
Cyclohexane  
Concen: 43.550 ug/l  
RT: 7.63 min Scan# 1821  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.6  | 26.6  | 40.0  |
| 84      | 77.5  | 64.3  | 96.5  |

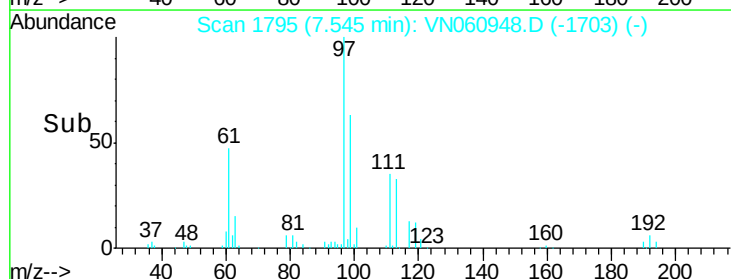
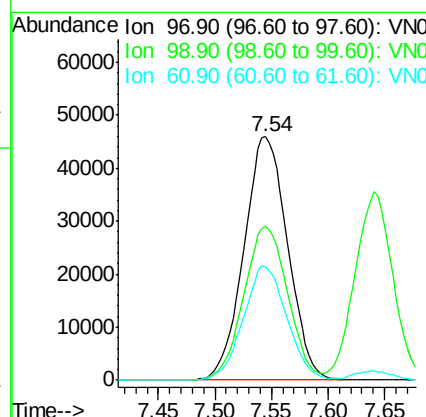
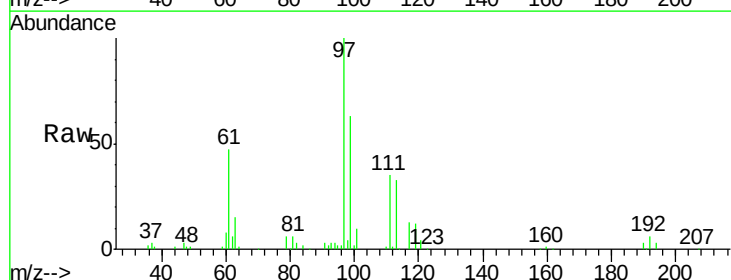
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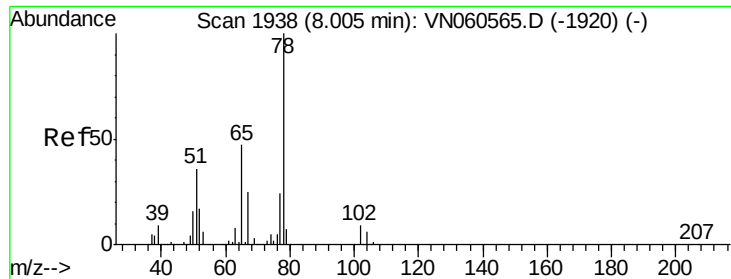
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 48.050 ug/l  
RT: 7.54 min Scan# 1795  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.4  | 50.6  | 75.8  |
| 61      | 46.5  | 36.2  | 54.4  |





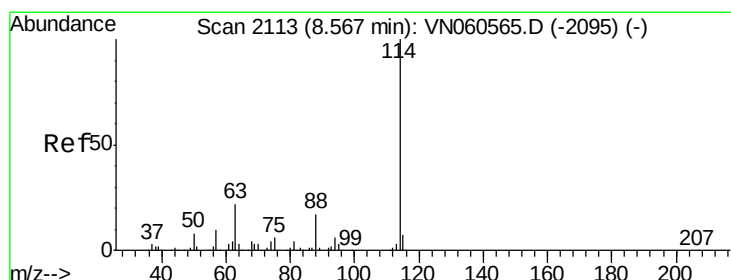
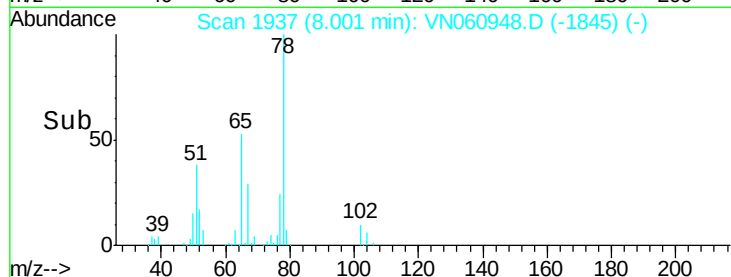
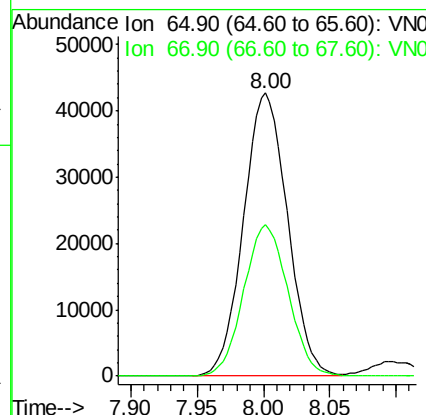
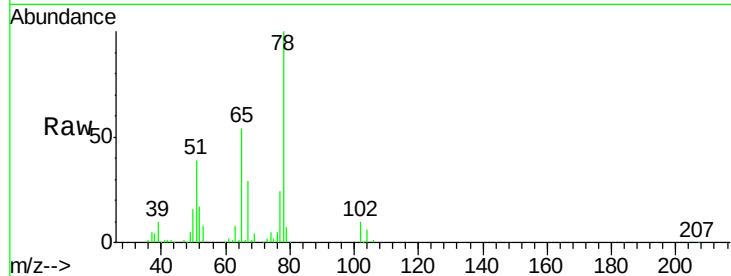
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.657 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 53.8  | 0.0  | 107.6 |       |

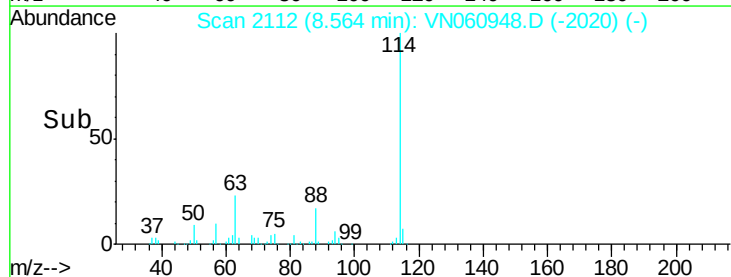
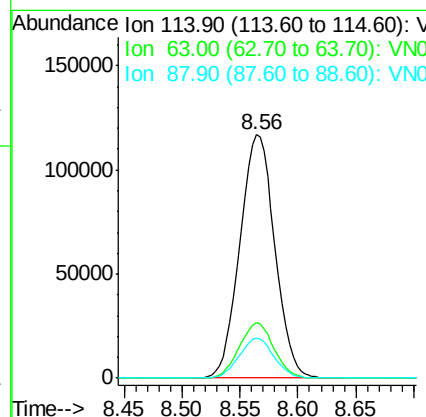
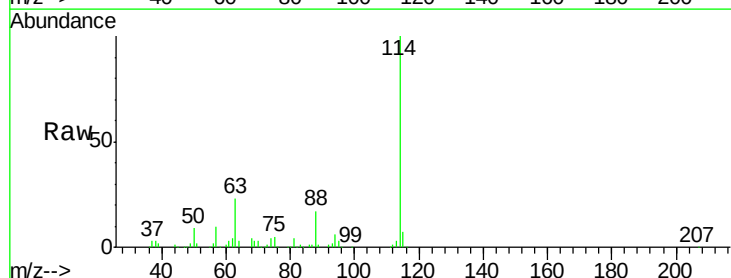
Manual Integrations  
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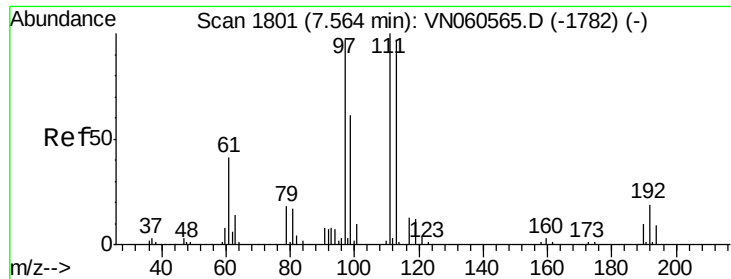
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.56 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 22.6  | 0.0  | 43.8  |       |
| 88      | 16.5  | 0.0  | 33.0  |       |





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

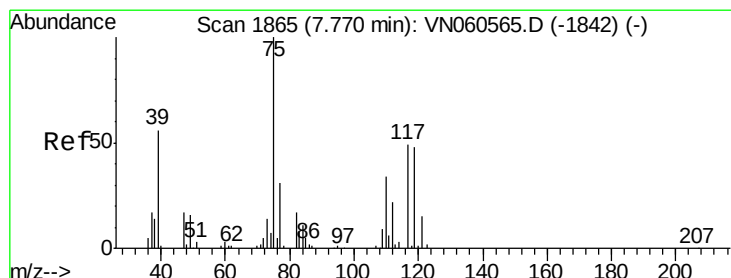
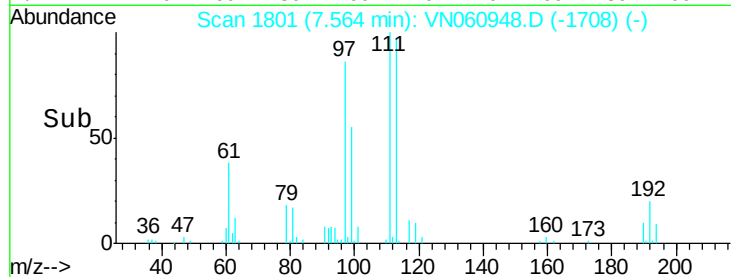
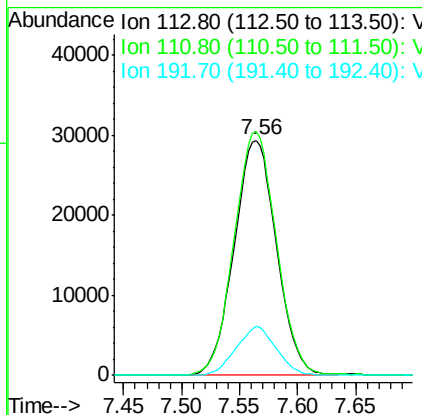
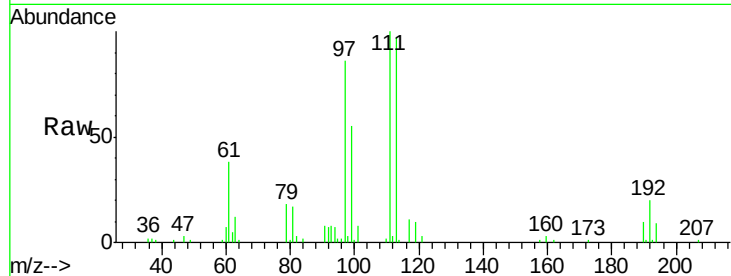
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 74583 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.5 | 82.9  | 124.3 |
| 192      | 19.7  | 15.8  | 23.8  |

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#36

1,1-Dichloropropene

Concen: 45.801 ug/l

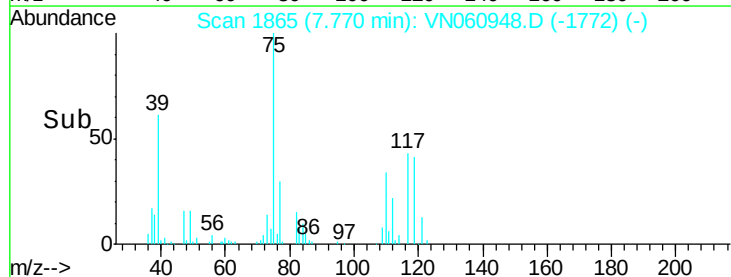
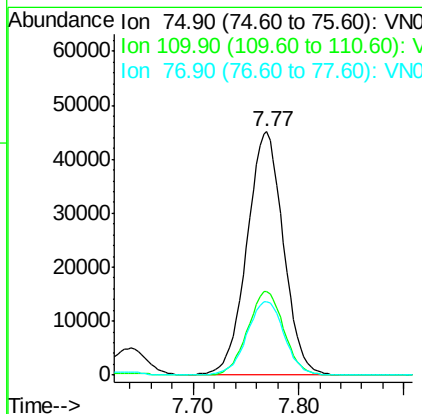
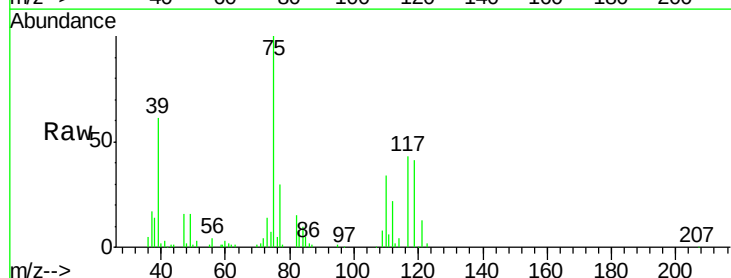
RT: 7.77 min Scan# 1865

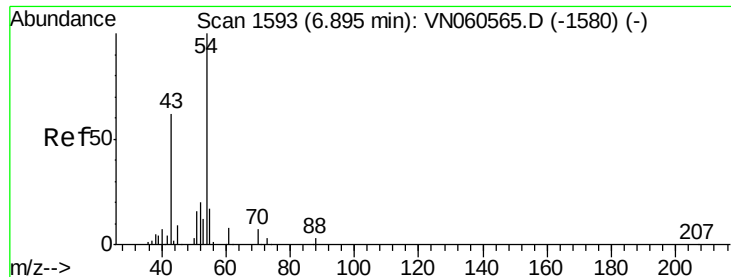
Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 108493 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 34.0  | 16.9  | 50.6   |
| 77       | 30.9  | 24.6  | 36.8   |





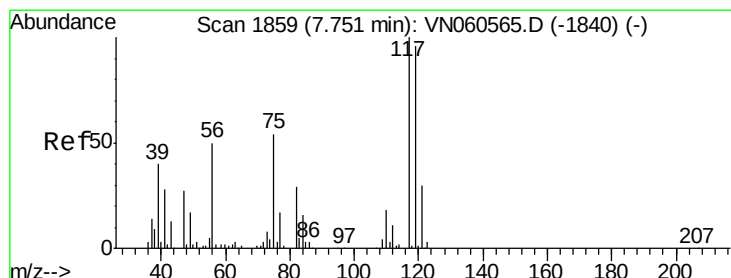
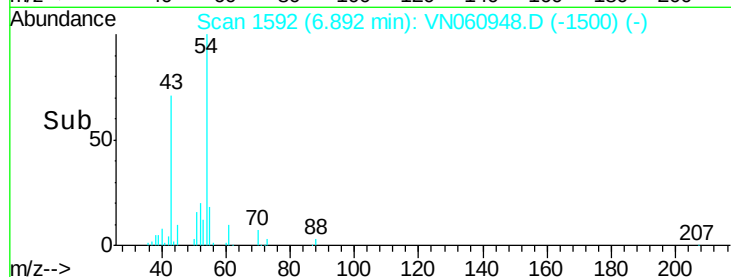
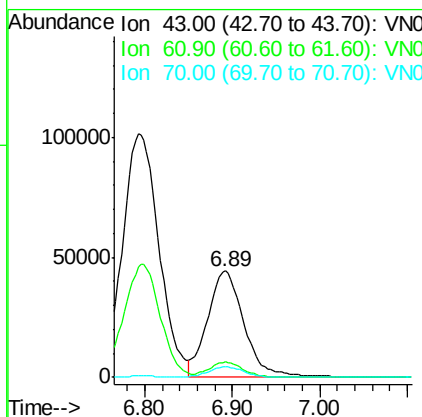
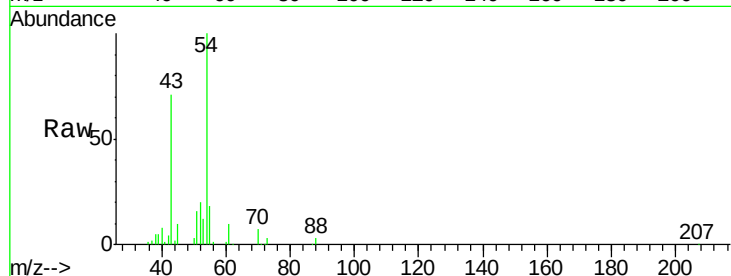
#37  
Ethyl Acetate  
Concen: 49.484 ug/l  
RT: 6.89 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.6  | 10.6  | 15.8  |
| 70      | 9.8   | 7.9   | 11.9  |

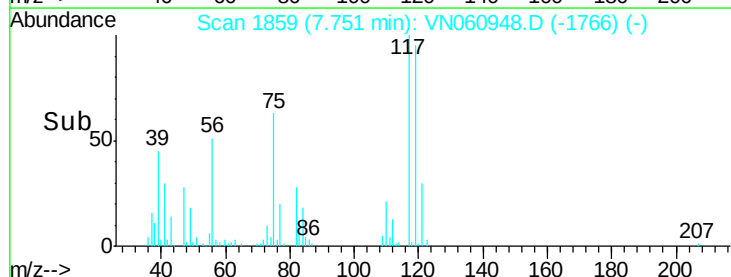
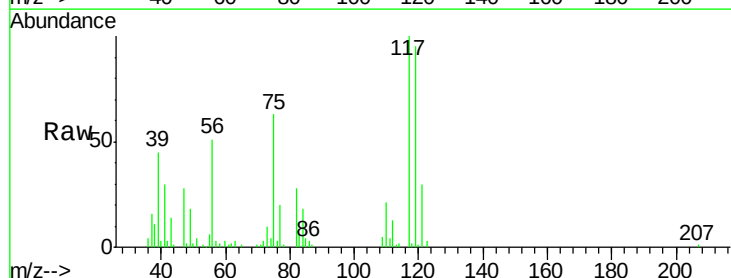
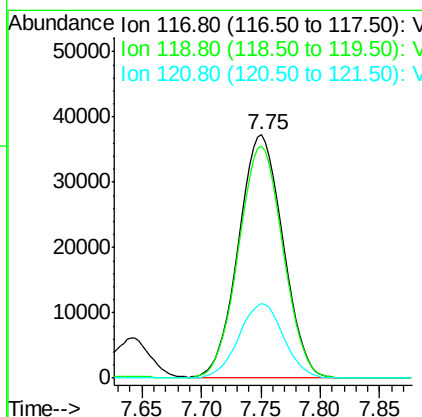
Manual Integrations  
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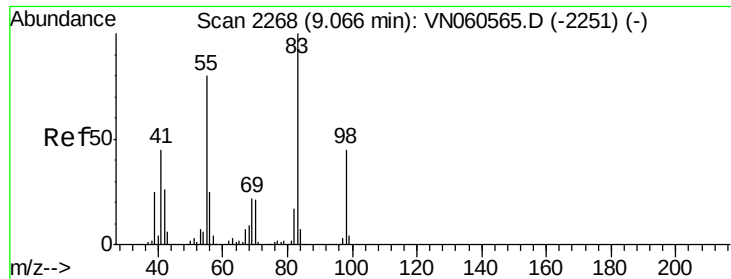


#38  
Carbon Tetrachloride  
Concen: 45.628 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.2  | 76.2  | 114.2 |
| 121     | 30.5  | 23.7  | 35.5  |







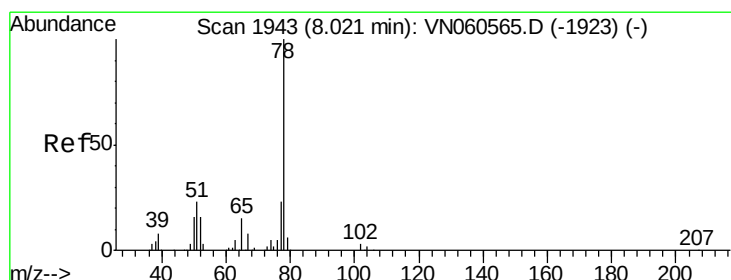
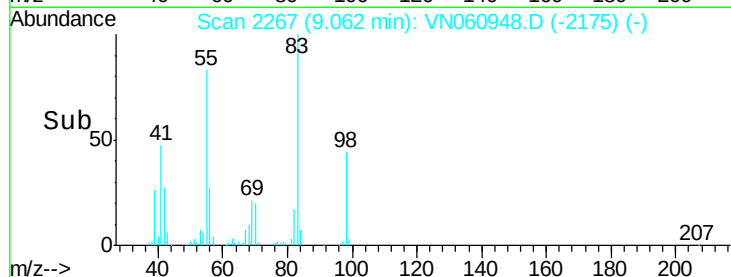
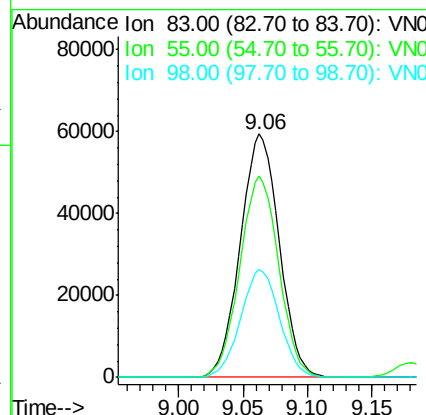
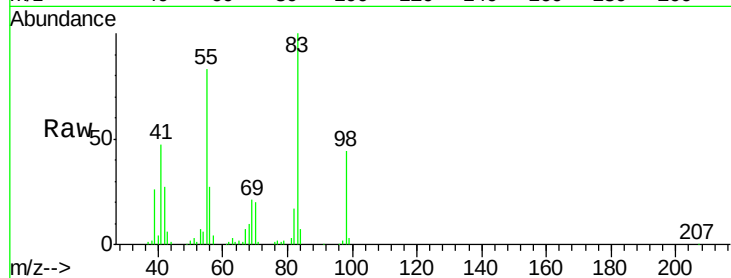
#39  
Methylvlcyclohexane  
Concen: 44.377 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 82.7  | 63.6 | 95.4  |       |
| 98      | 44.4  | 36.0 | 54.0  |       |

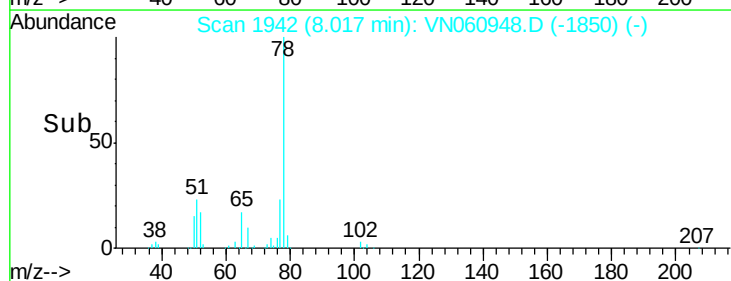
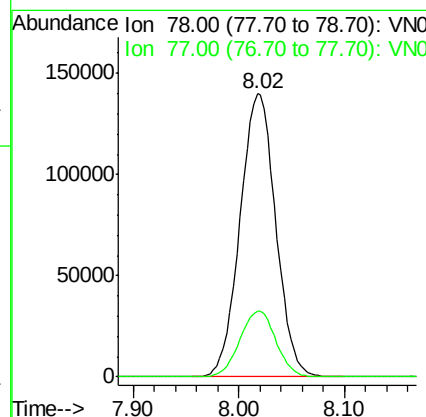
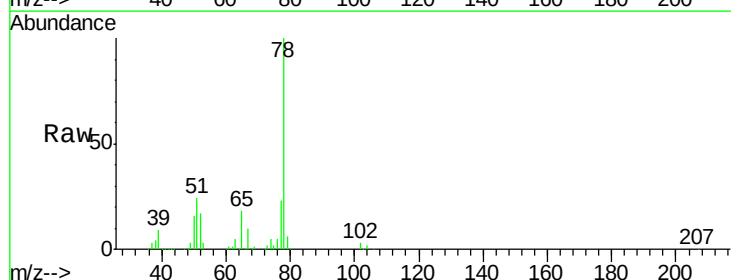
Manual Integrations  
APPROVED

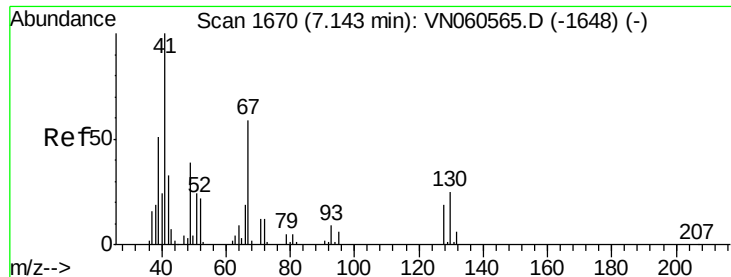
MMDadoda  
4/15/2020 1:50:07 PM



#40  
Benzene  
Concen: 45.947 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 23.3  | 18.6 | 28.0  |       |





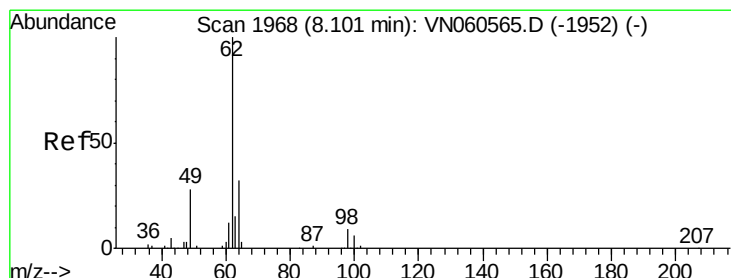
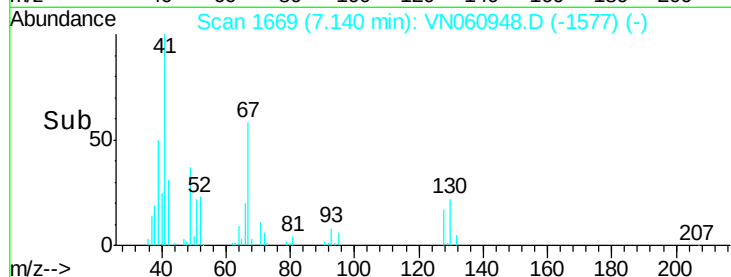
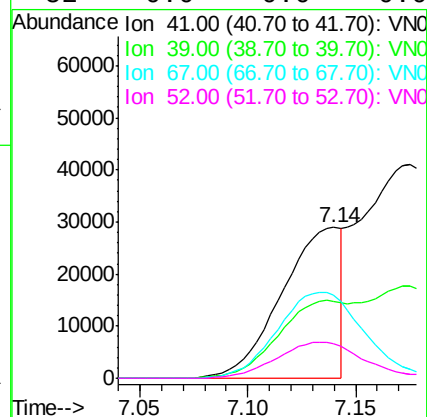
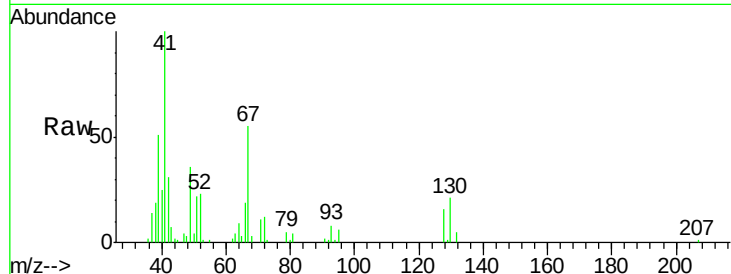
#41  
Methacrylonitrile  
Concen: 50.477 ug/l m  
RT: 7.14 min Scan# 1669  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 41    | Resp  | 55138 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 0.0   | 0.0   | 0.0   |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

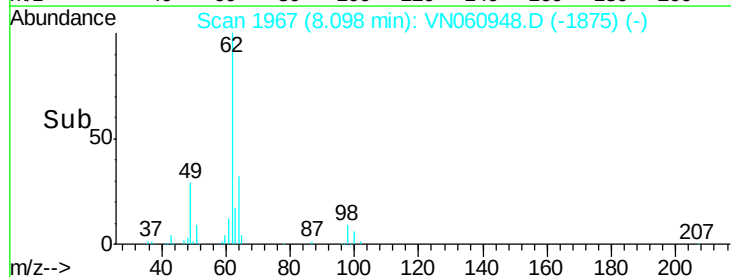
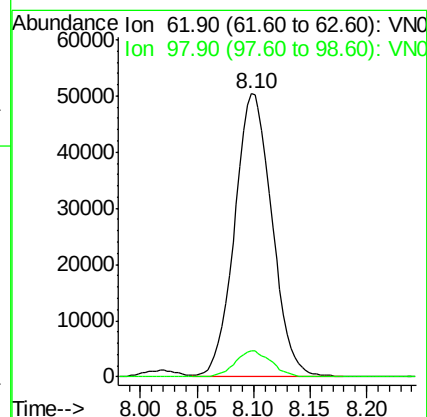
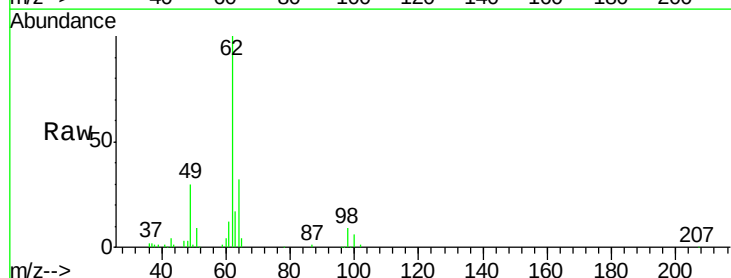
Manual Integrations  
APPROVED

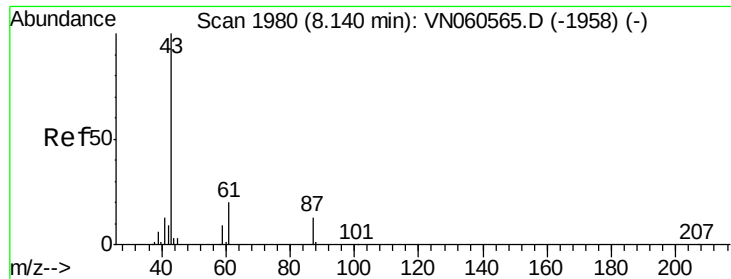
MMDadoda  
4/15/2020 1:50:07 PM



#42  
1,2-Dichloroethane  
Concen: 47.162 ug/l  
RT: 8.10 min Scan# 1967  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | 62    | Resp  | 115254 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 8.9   | 0.0   | 17.8   |





#43

Isopropyl Acetate

Concen: 50.362 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

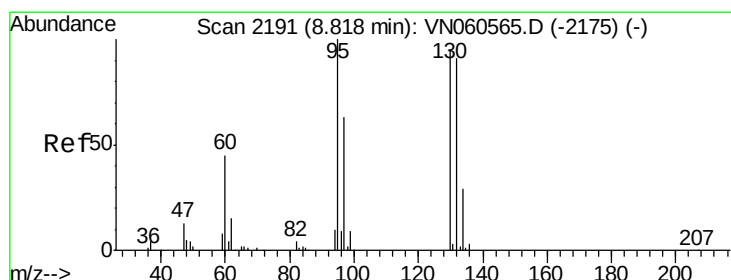
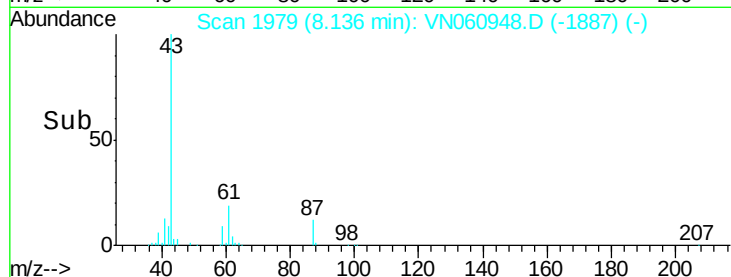
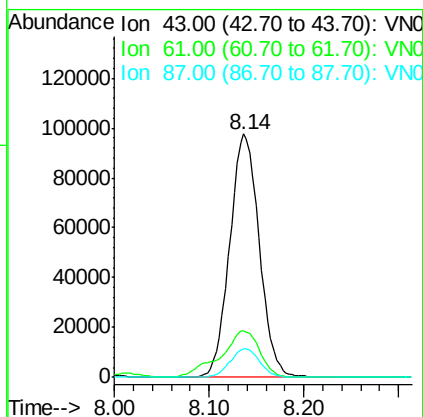
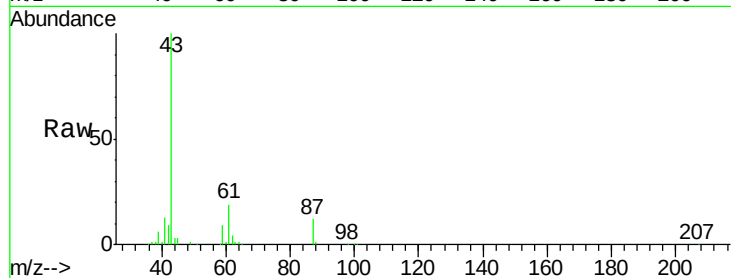
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 212585 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 25.3  | 20.7  | 31.1   |
| 87       | 11.8  | 9.8   | 14.8   |

Manual Integrations  
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#44

Trichloroethene

Concen: 45.127 ug/l

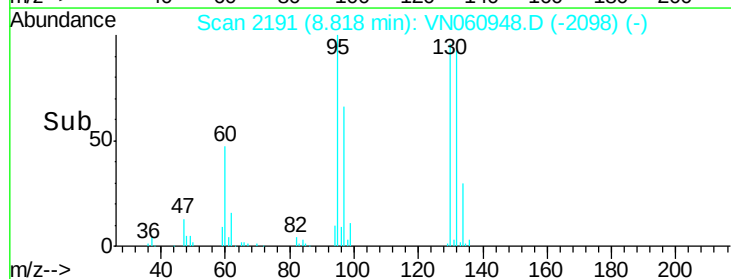
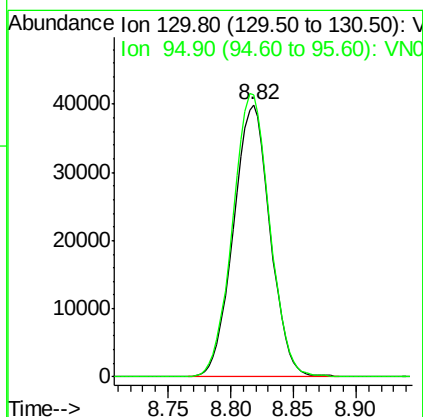
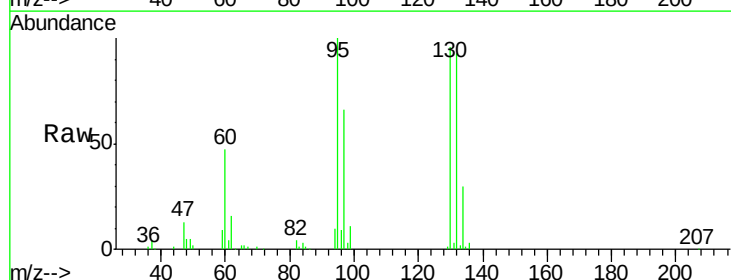
RT: 8.82 min Scan# 2191

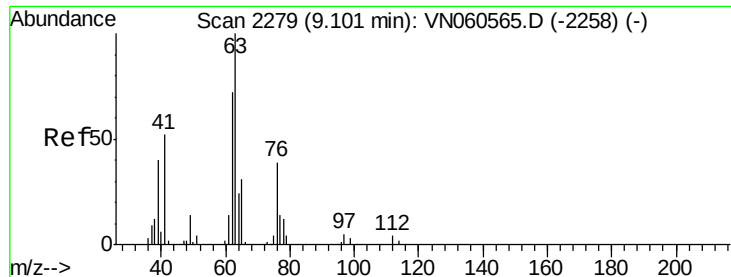
Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 81347 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 103.6 | 0.0   | 211.2 |





#45

1,2-Dichloropropane

Concen: 49.063 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 92576

Ion Ratio Lower Upper

63 100

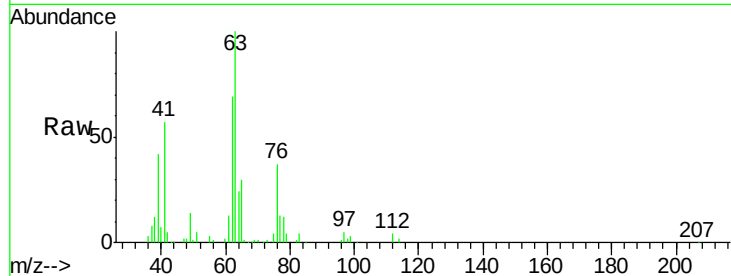
65 30.1 25.4 38.0

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.10

50000

40000

30000

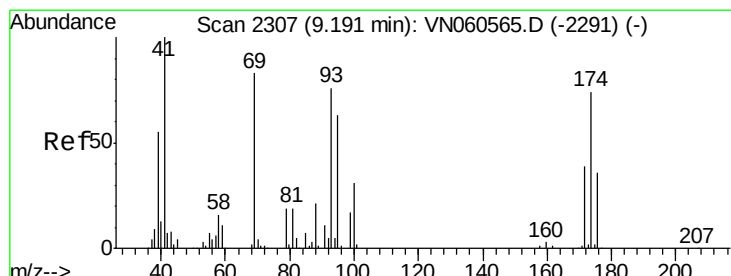
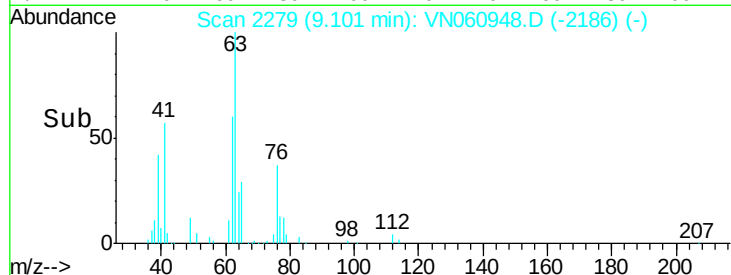
20000

10000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#46

Dibromomethane

Concen: 47.901 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

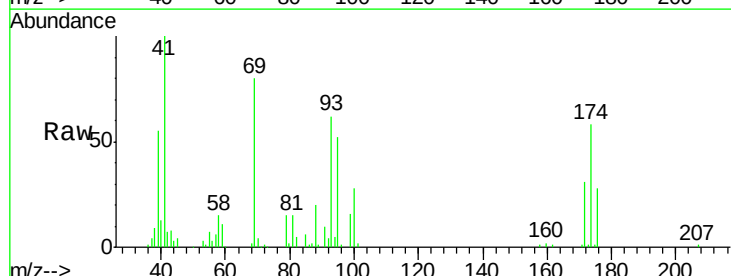
Tgt Ion: 93 Resp: 54642

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 94.7 77.9 116.9



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.19

30000

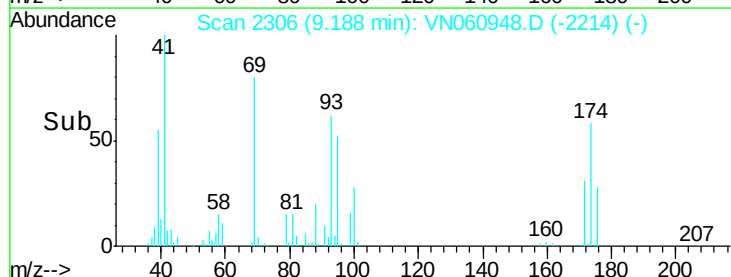
20000

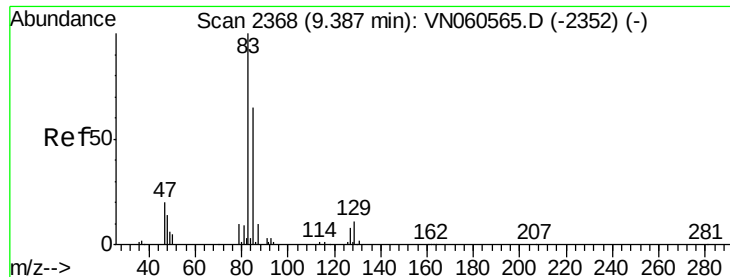
10000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 48.795 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

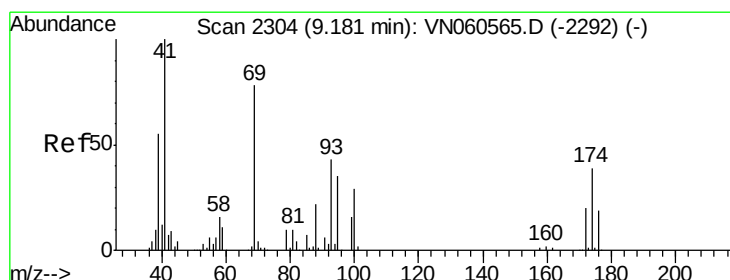
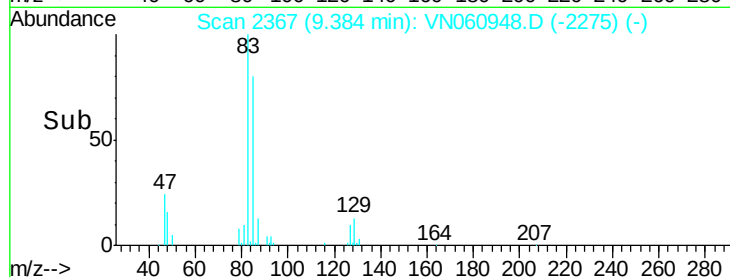
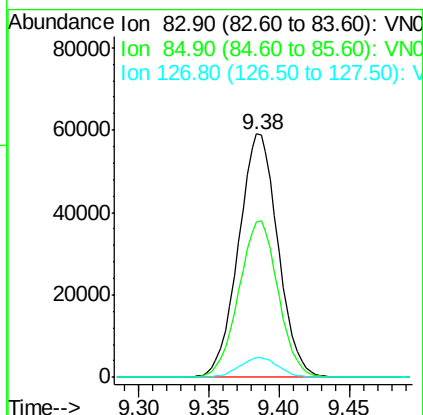
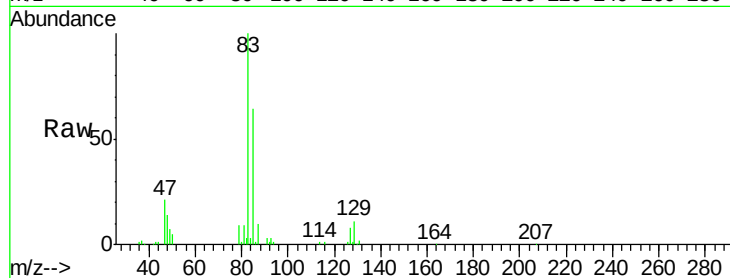
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 115665 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.0  | 51.8  | 77.6   |
| 127      | 8.1   | 6.5   | 9.7    |

Manual Integrations  
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MMDadoda  
4/15/2020 1:50:07 PM



#48

Methyl methacrylate

Concen: 49.783 ug/l

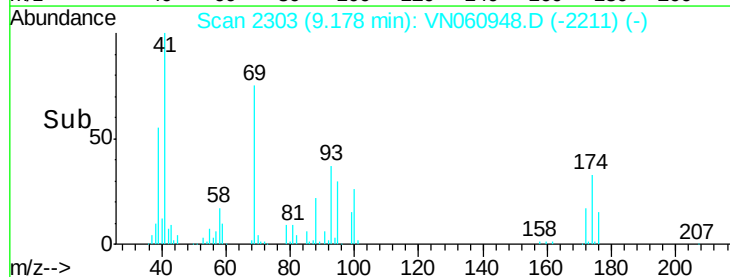
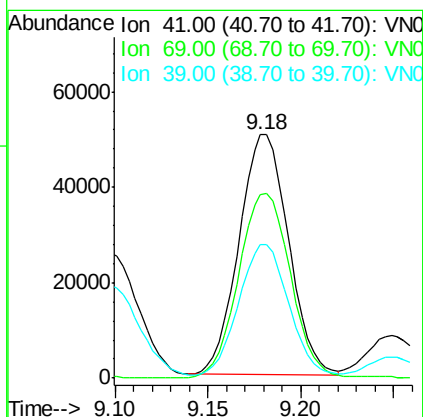
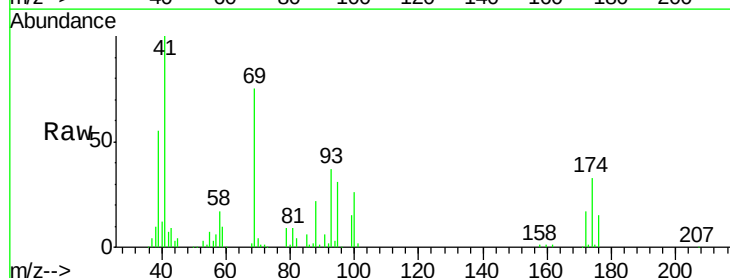
RT: 9.18 min Scan# 2303

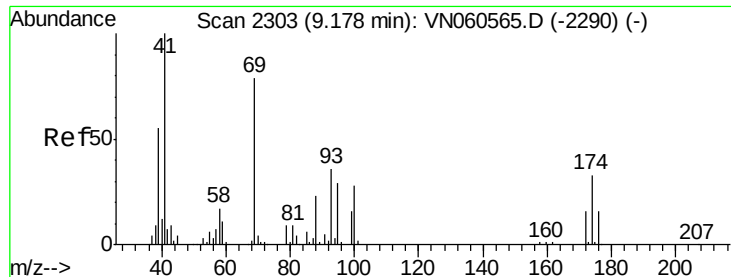
Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 93561 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 80.8  | 65.4  | 98.0  |
| 39       | 57.2  | 44.0  | 66.0  |





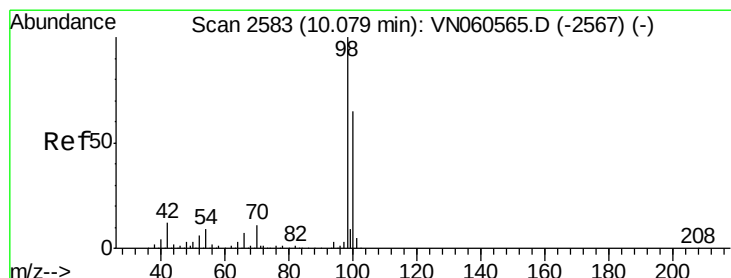
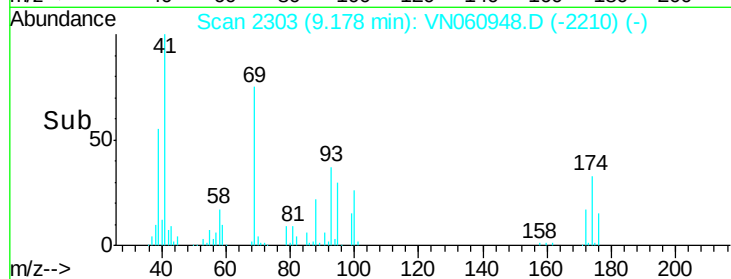
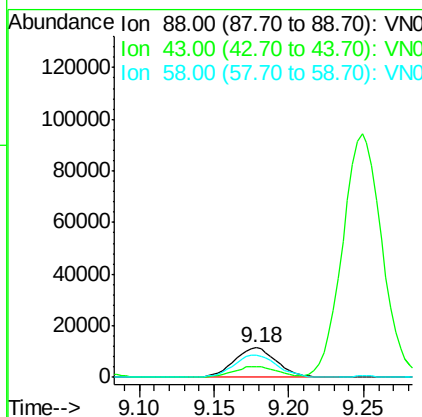
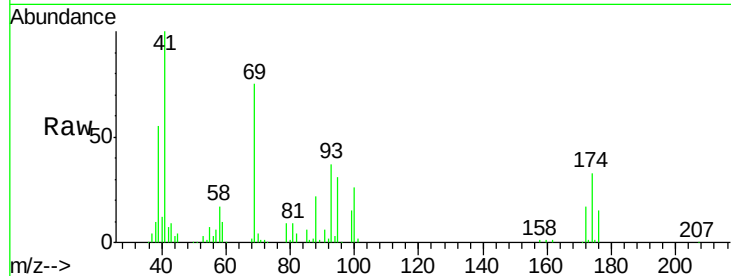
#49  
1,4-Dioxane  
Concen: 1018.641 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.6  | 30.8  | 46.2  |
| 58      | 76.4  | 59.8  | 89.8  |

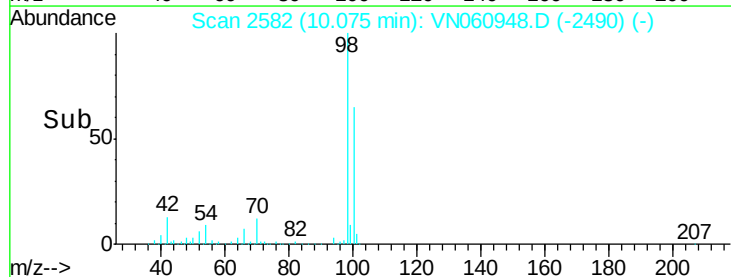
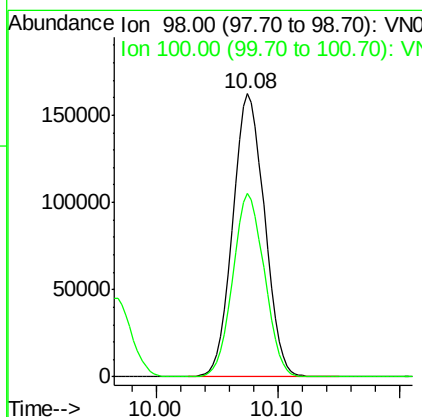
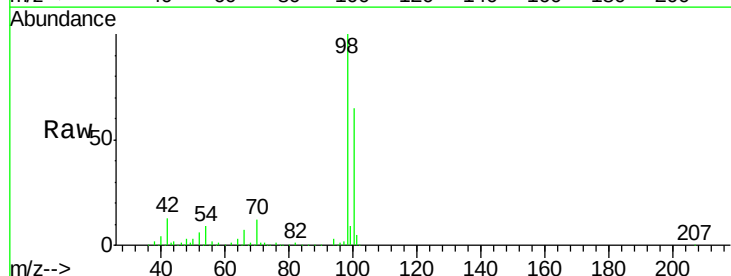
Manual Integrations  
APPROVED

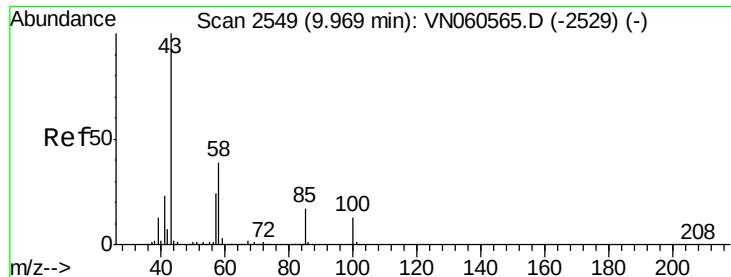
MMDadoda  
4/15/2020 1:50:07 PM



#50  
Toluene-d8  
Concen: 48.654 ug/l  
RT: 10.08 min Scan# 2582  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 51.8  | 77.8  |





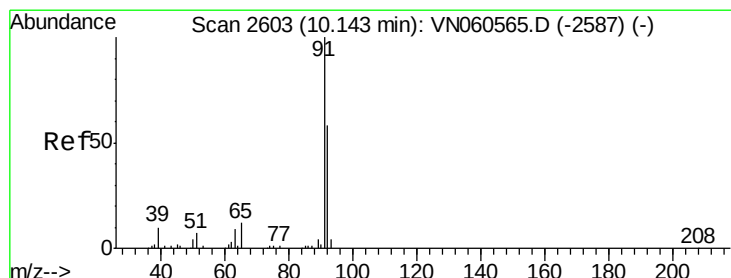
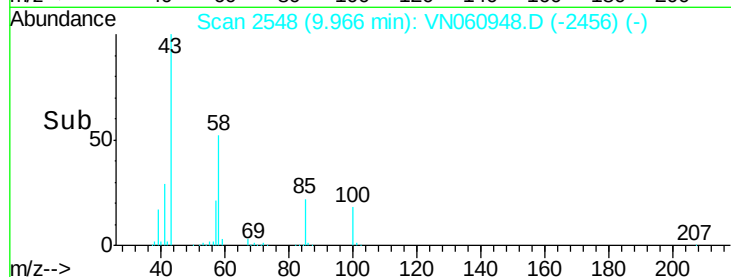
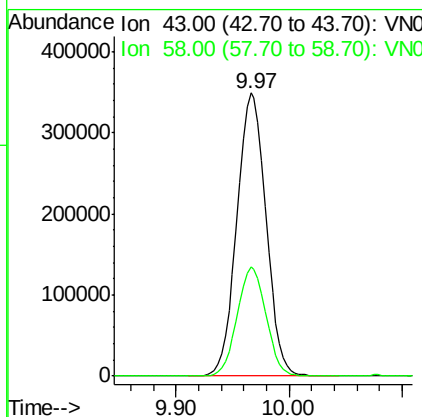
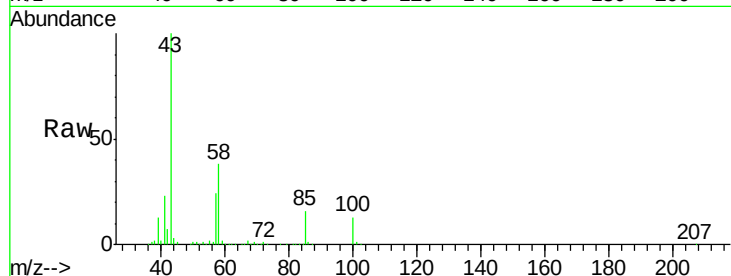
#51  
 4-Methyl-2-Pentanone  
 Concen: 261.561 ug/l  
 RT: 9.97 min Scan# 2548  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.1  | 30.8  | 46.2  |

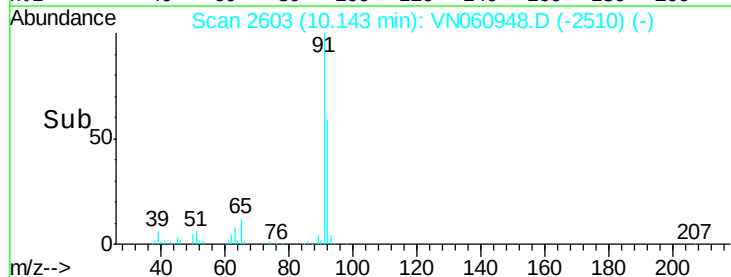
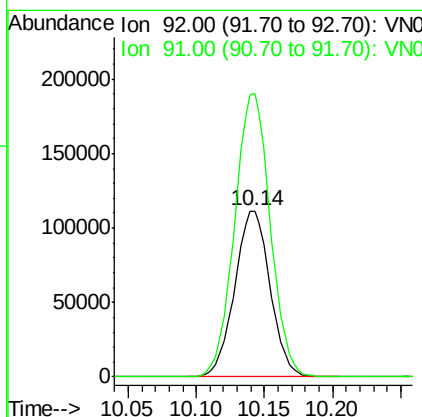
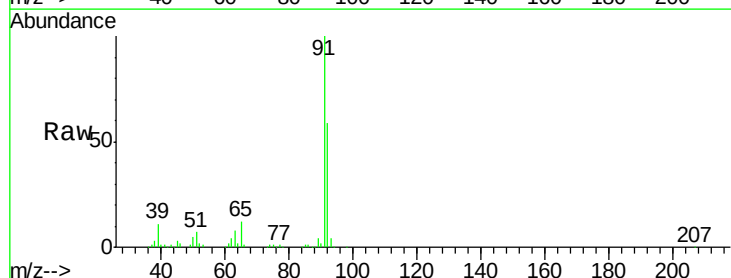
Manual Integrations  
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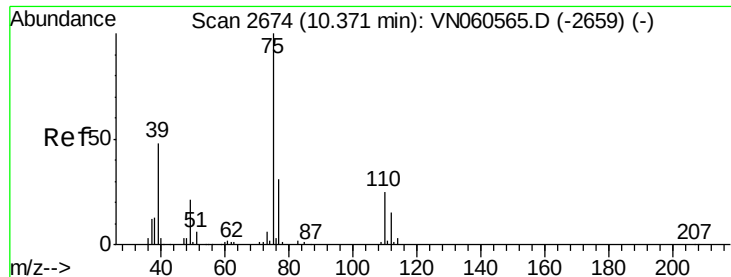
MMDadoda  
 4/15/2020 1:50:07 PM



#52  
 Toluene  
 Concen: 46.379 ug/l  
 RT: 10.14 min Scan# 2603  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 171.9 | 137.6 | 206.4 |





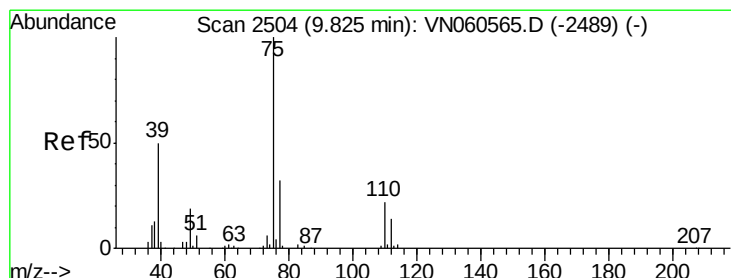
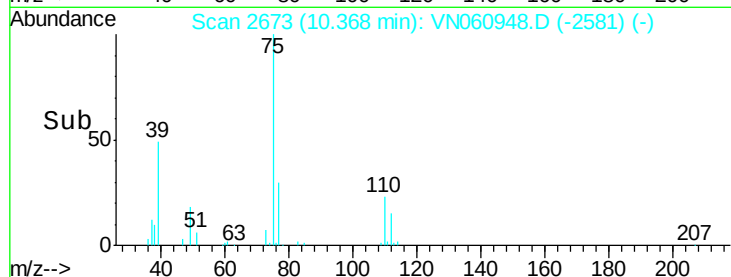
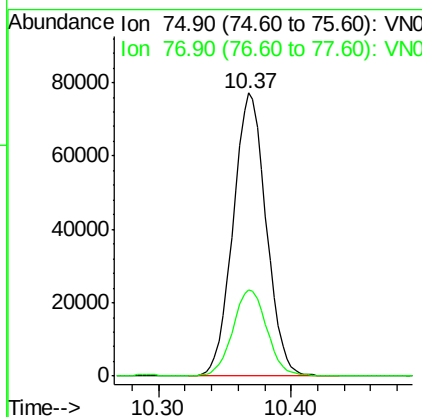
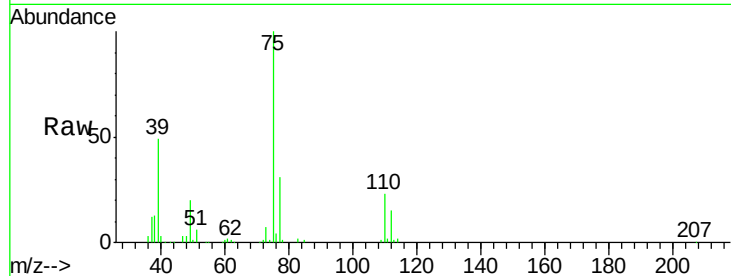
#53  
t-1,3-Dichloropropene  
Concen: 49.068 ug/l  
RT: 10.37 min Scan# 2673  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 133606  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.1 37.7

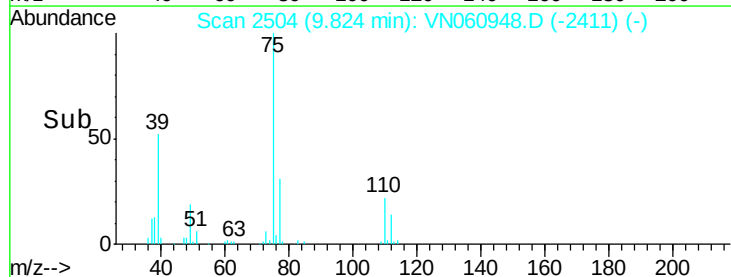
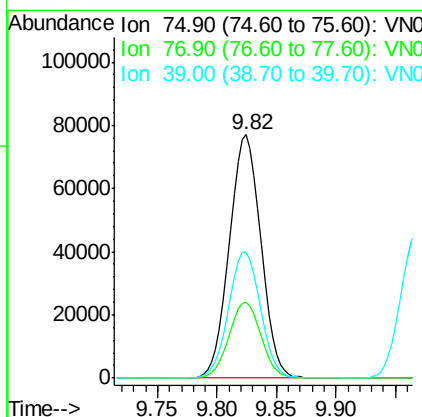
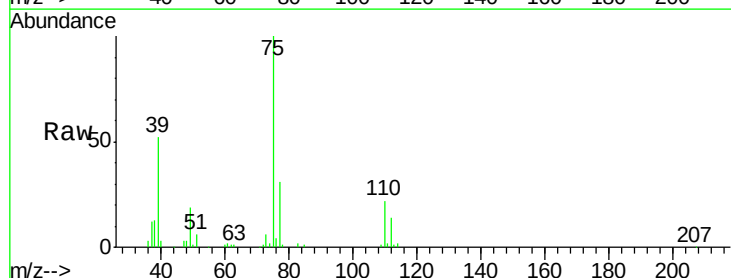
Manual Integrations  
APPROVED

MMDadoda  
4/15/2020 1:50:07 PM

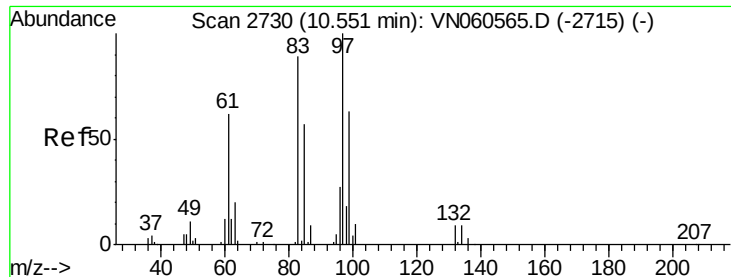


#54  
cis-1,3-Dichloropropene  
Concen: 47.520 ug/l  
RT: 9.82 min Scan# 2504  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Tgt Ion: 75 Resp: 141948  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.4 38.0  
39 51.9 40.2 60.4







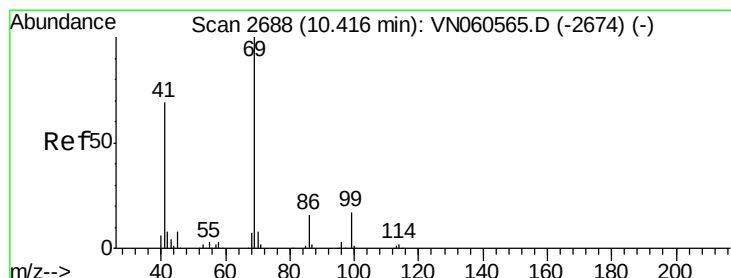
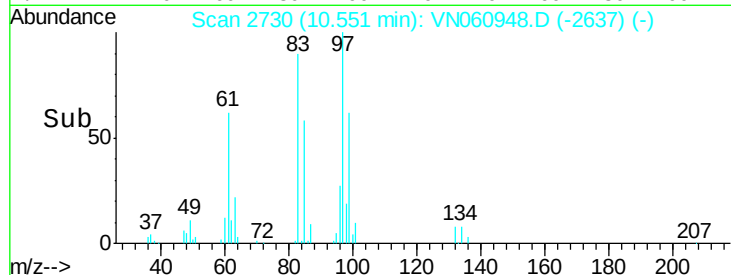
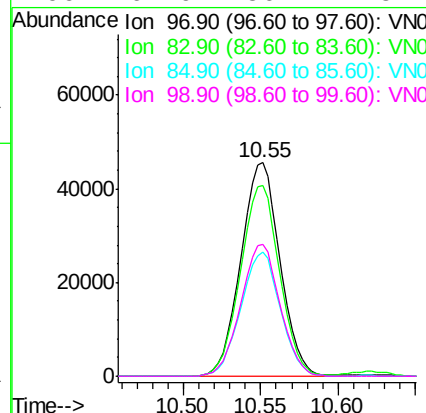
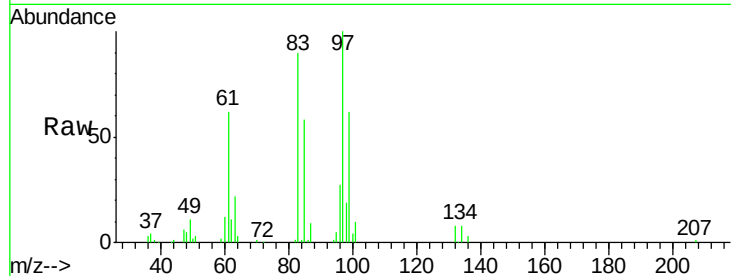
#55  
 1,1,2-Trichloroethane  
 Concen: 48.310 ug/l  
 RT: 10.55 min Scan# 2730  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 80264 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.6  | 71.3  | 106.9 |
| 85       | 58.0  | 45.2  | 67.8  |
| 99       | 61.9  | 50.1  | 75.1  |

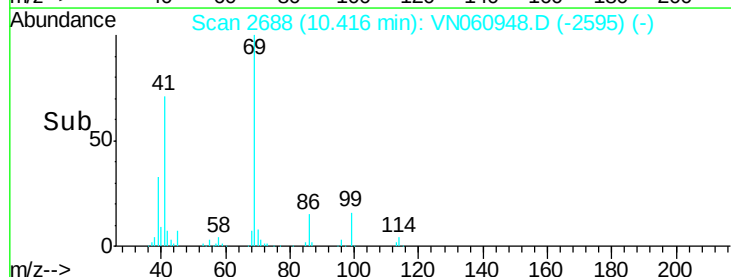
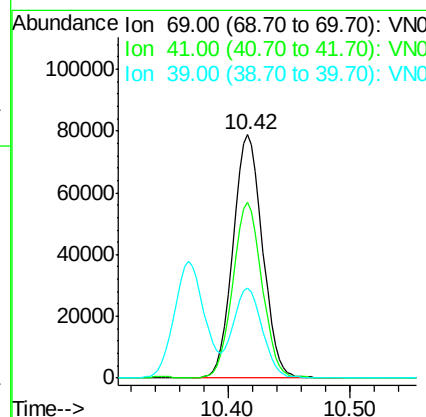
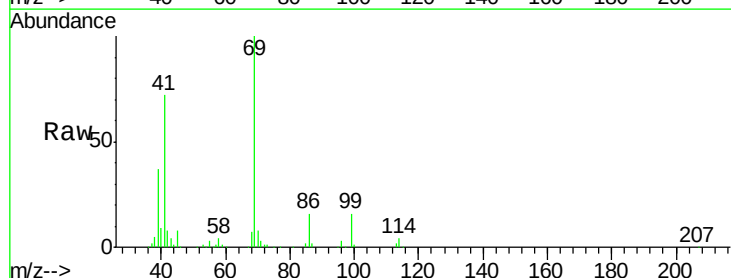
Manual Integrations  
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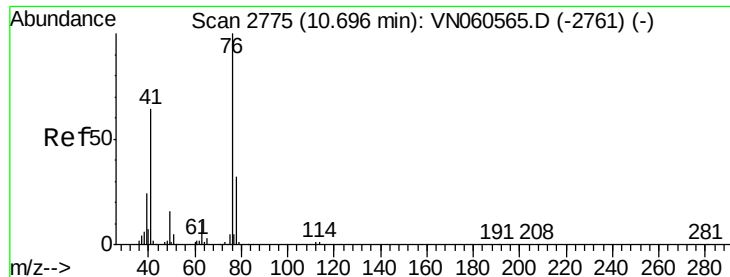
MMDadoda  
 4/15/2020 1:50:07 PM



#56  
 Ethyl methacrylate  
 Concen: 51.208 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 132657 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.9  | 55.4  | 83.2   |
| 39       | 37.3  | 29.4  | 44.0   |





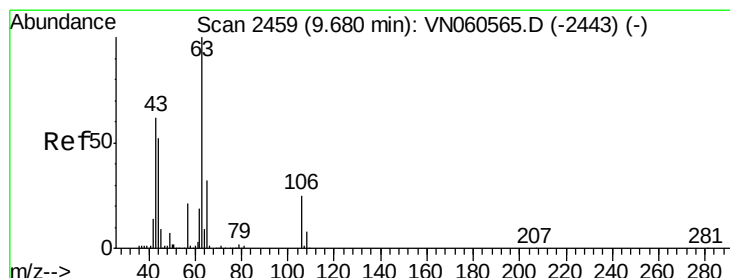
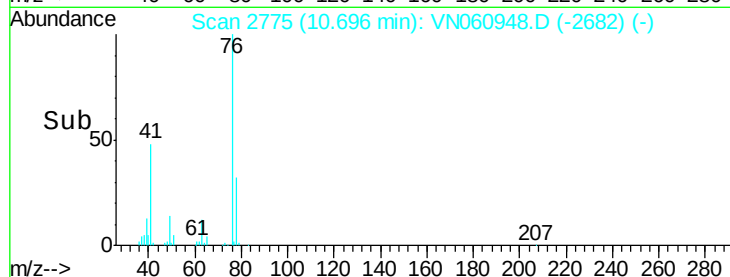
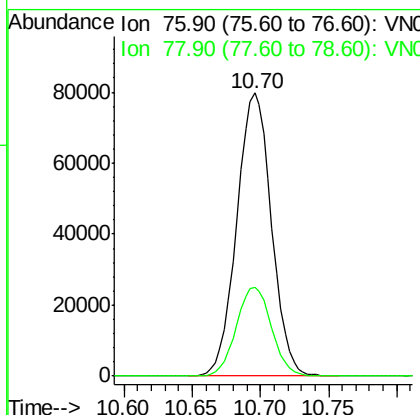
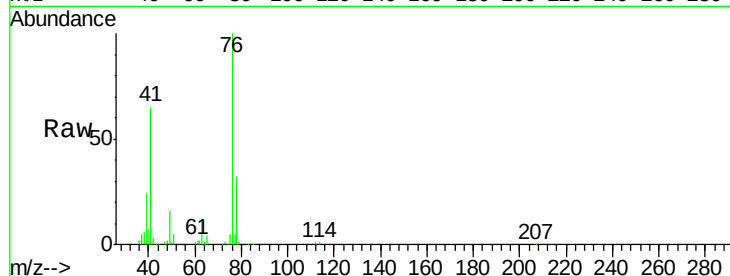
#57  
 1,3-Dichloropropane  
 Concen: 48.737 ug/l  
 RT: 10.70 min Scan# 2775  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.0  | 25.8  | 38.6  |

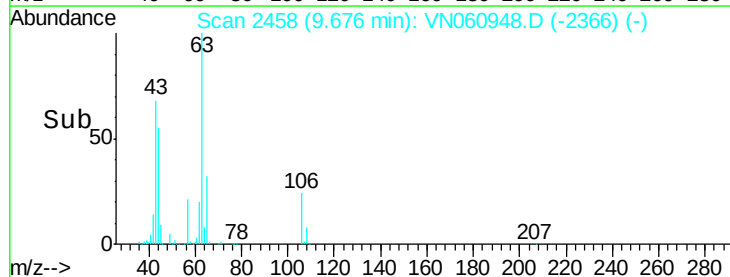
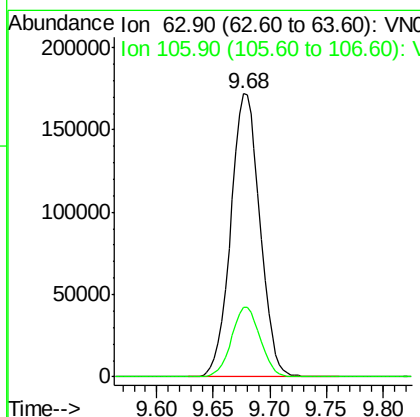
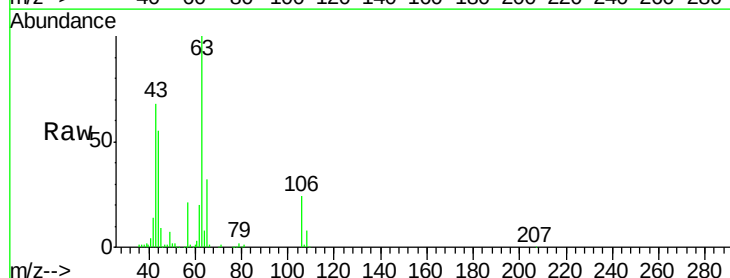
Manual Integrations  
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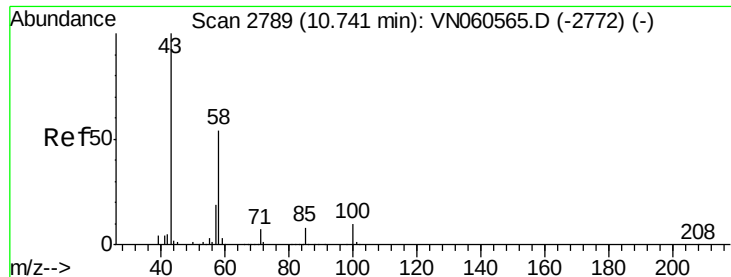
MMDadoda  
 4/15/2020 1:50:07 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 239.952 ug/l  
 RT: 9.68 min Scan# 2458  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 24.3  | 20.0  | 30.0  |





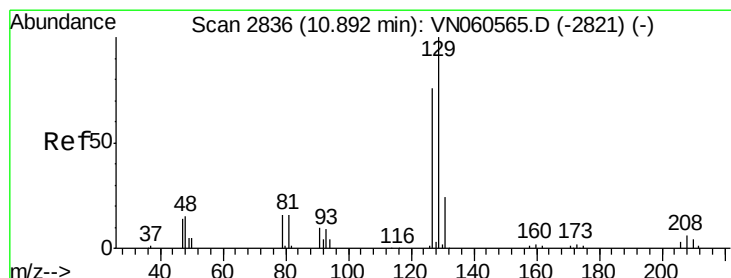
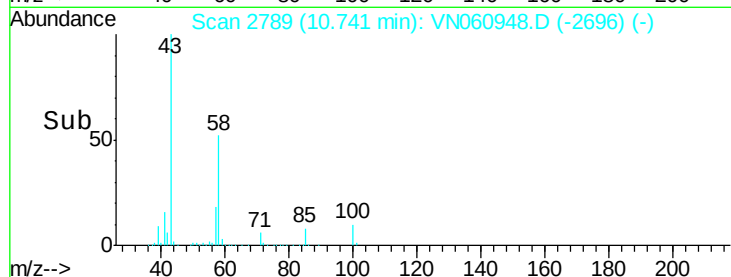
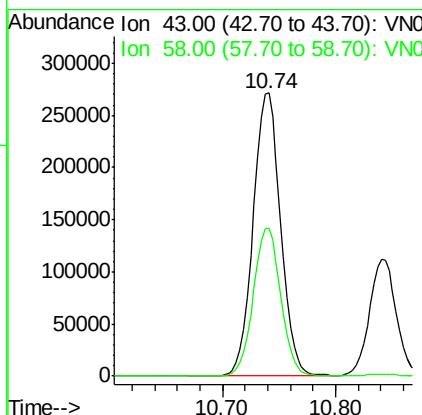
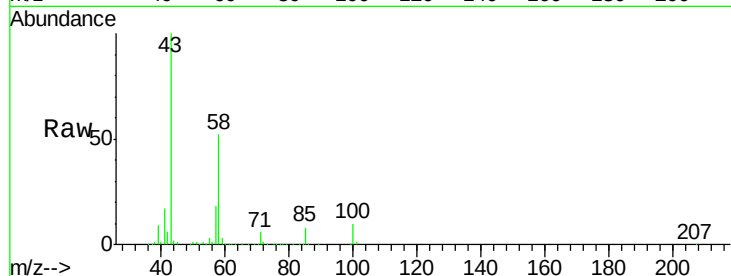
#59  
2-Hexanone  
Concen: 264.705 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 458020  
Ion Ratio Lower Upper  
43 100  
58 52.3 26.7 80.1

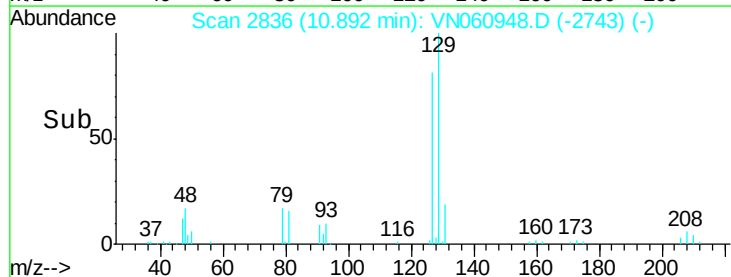
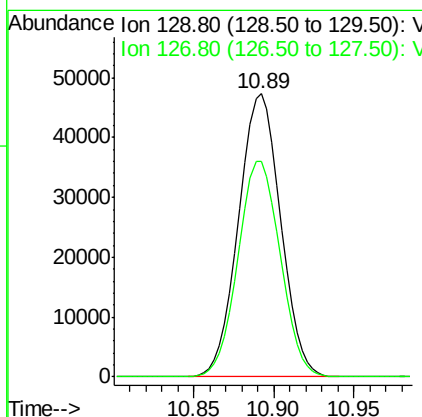
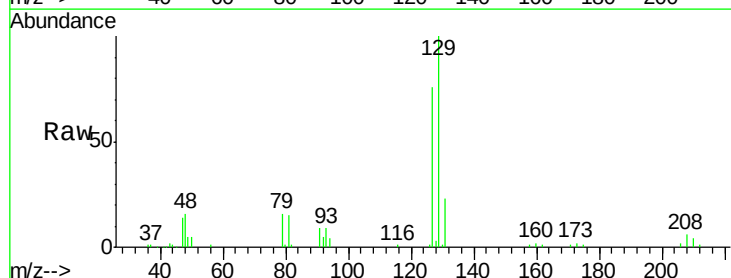
Manual Integrations  
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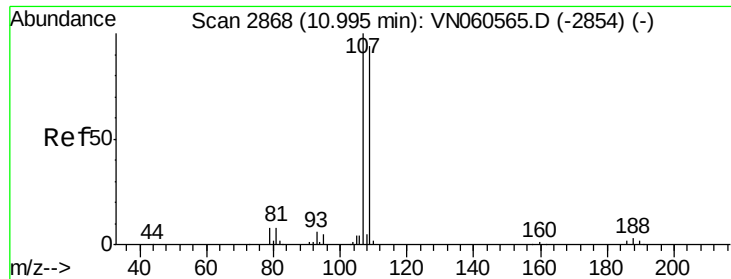
MMDadoda  
4/15/2020 1:50:07 PM



#60  
Dibromochloromethane  
Concen: 49.536 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Tgt Ion: 129 Resp: 85012  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.234 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 80582

Ion Ratio Lower Upper

107 100

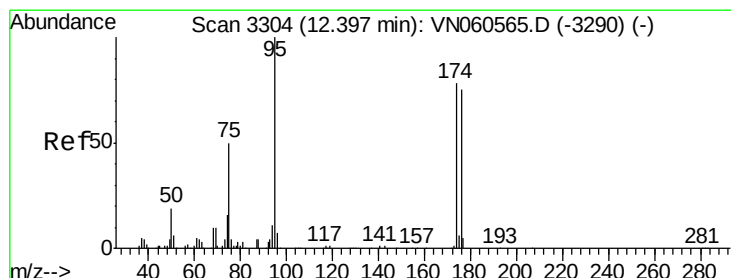
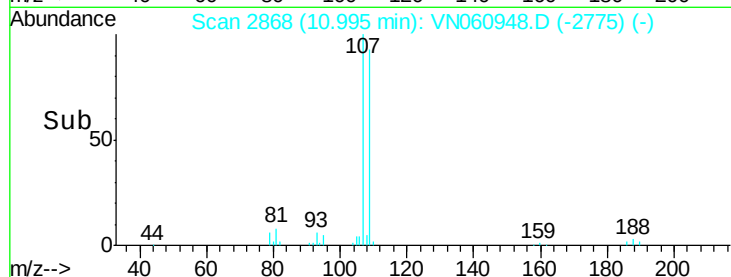
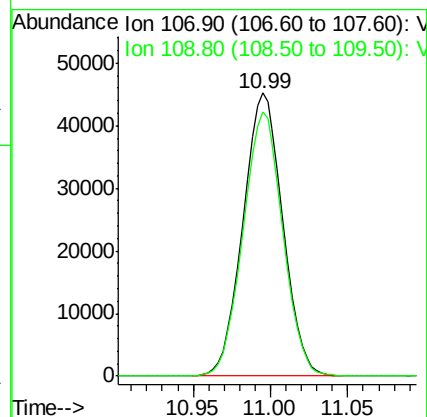
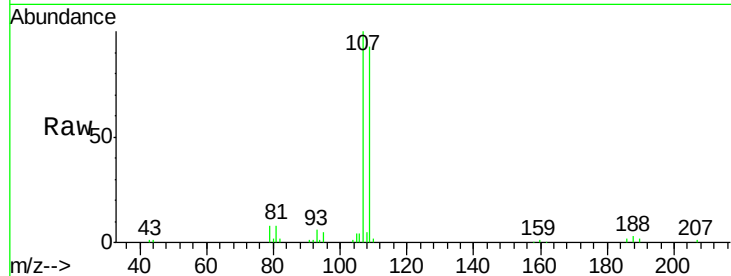
109 93.6 75.4 113.2

Manual Integrations

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MMDadoda

4/15/2020 1:50:07 PM



#62

4-Bromofluorobenzene

Concen: 50.061 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

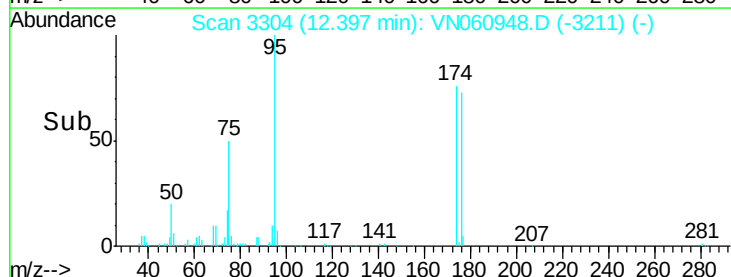
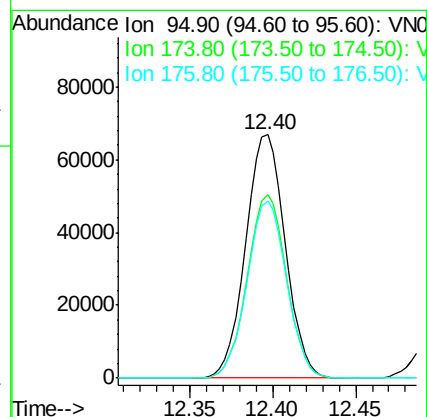
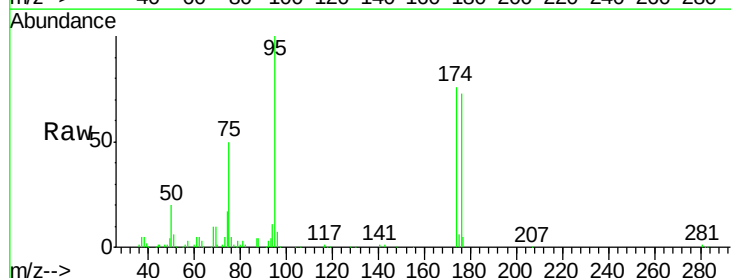
Tgt Ion: 95 Resp: 110851

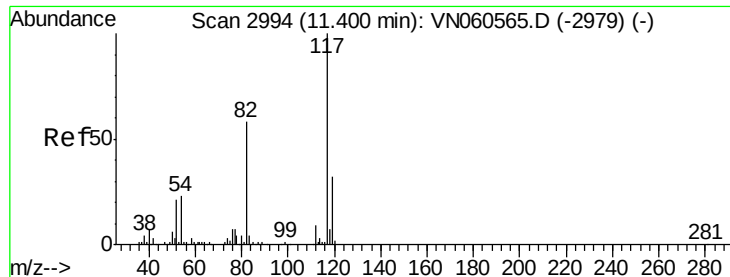
Ion Ratio Lower Upper

95 100

174 74.8 0.0 157.6

176 72.7 0.0 150.6





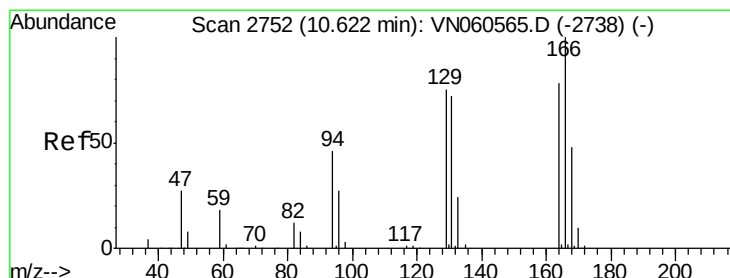
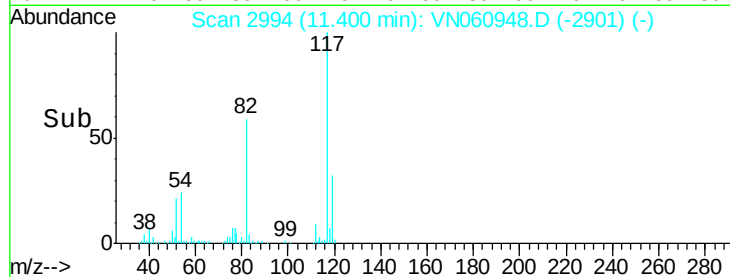
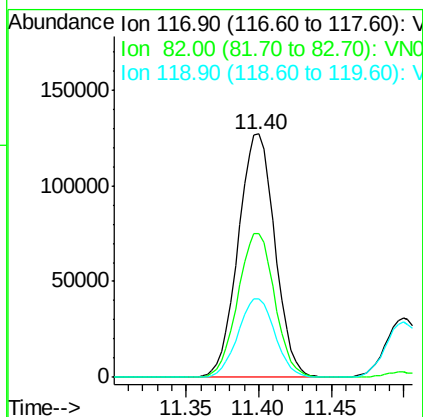
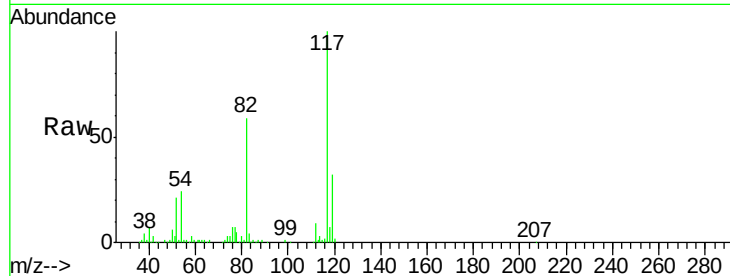
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.9  | 46.7  | 70.1  |
| 119     | 32.4  | 25.5  | 38.3  |

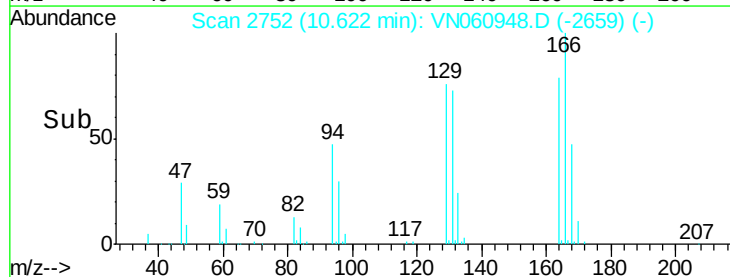
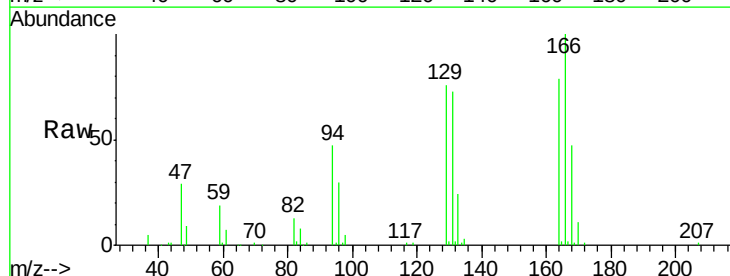
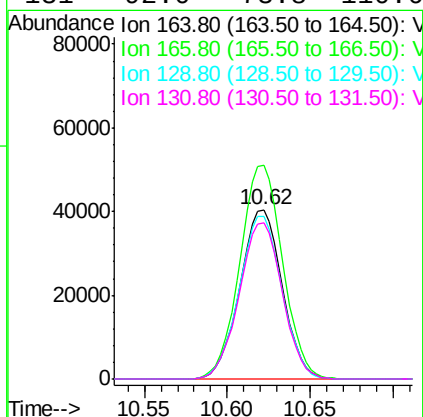
Manual Integrations  
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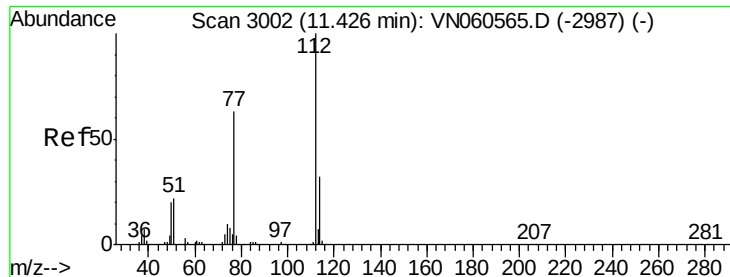
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 40.795 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.1 | 102.7 | 154.1 |
| 129     | 95.6  | 77.2  | 115.8 |
| 131     | 92.0  | 73.8  | 110.6 |





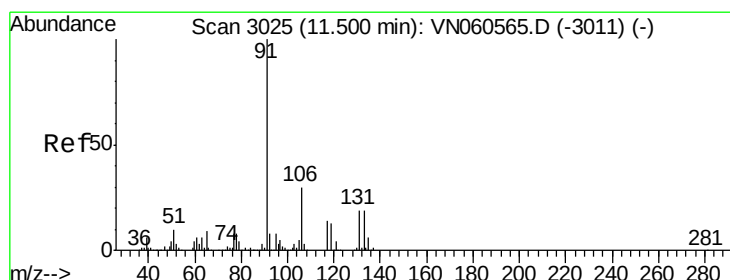
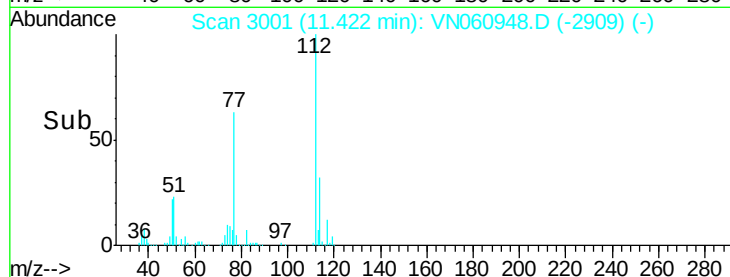
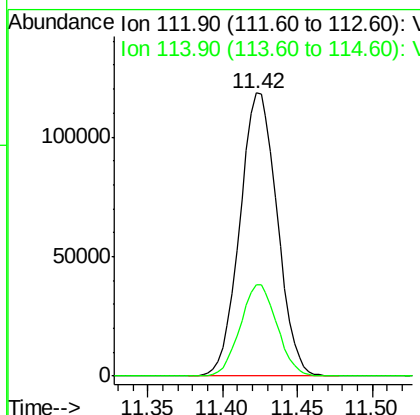
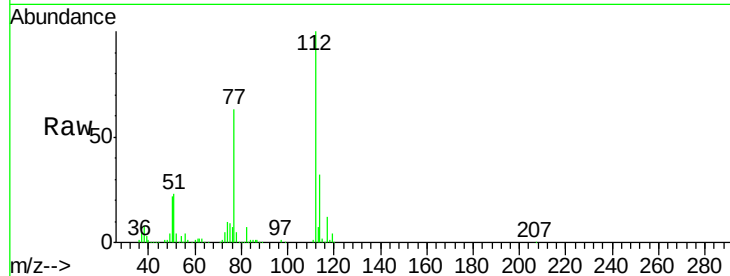
#65  
Chlorobenzene  
Concen: 46.415 ug/l  
RT: 11.42 min Scan# 3001  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 205723  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.6

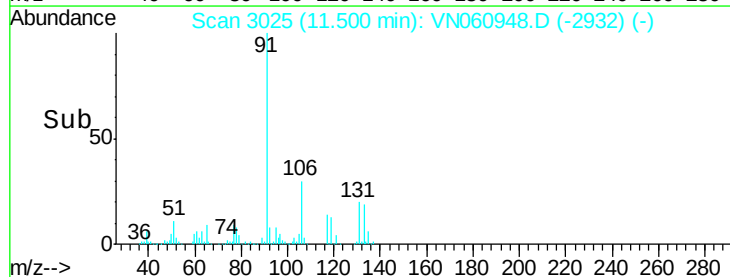
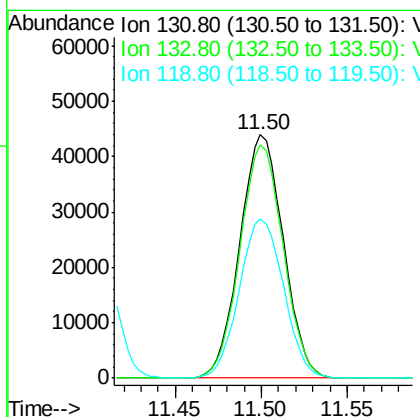
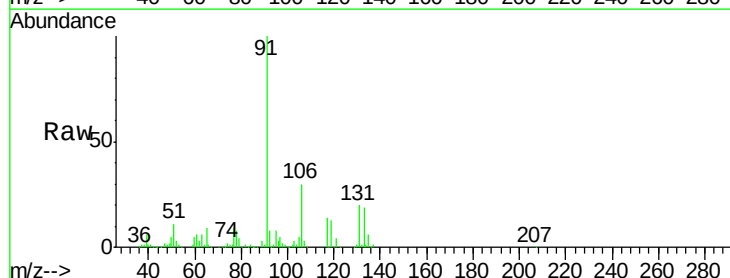
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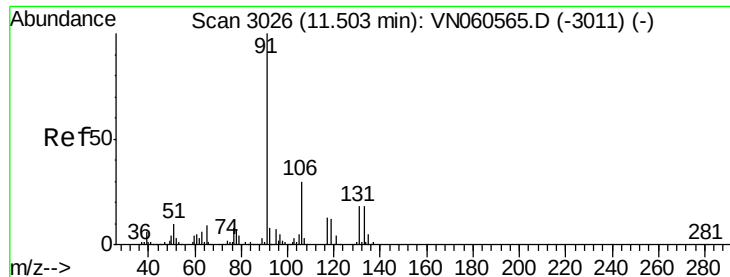
MMDadoda  
4/15/2020 1:50:07 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.140 ug/l  
RT: 11.50 min Scan# 3025  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Tgt Ion:131 Resp: 77254  
Ion Ratio Lower Upper  
131 100  
133 95.2 48.9 146.8  
119 66.4 33.9 101.7





#67

Ethyl Benzene

Concen: 47.146 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 388601

Ion Ratio Lower Upper

91 100

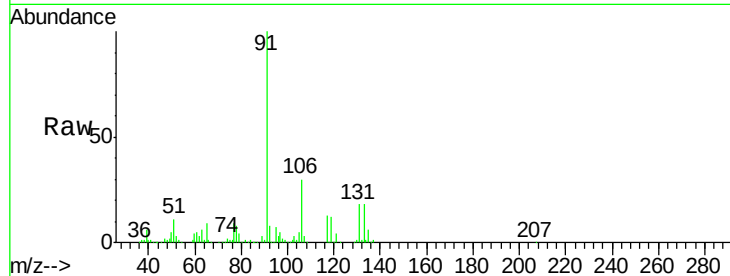
106 30.1 24.2 36.2

Manual Integrations

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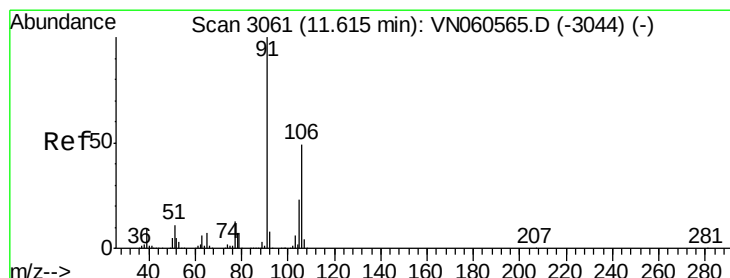
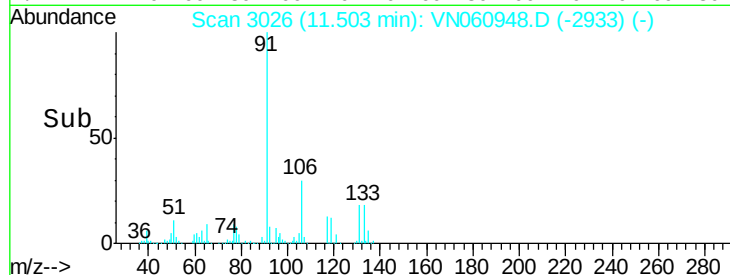
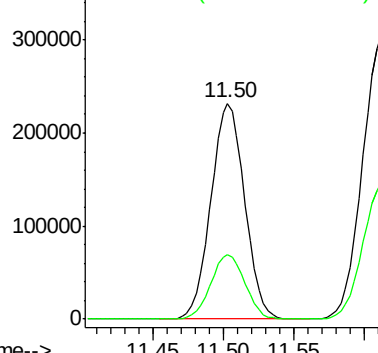
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 92.955 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060948.D

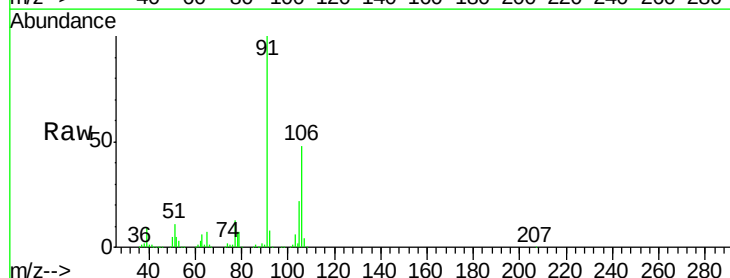
Acq: 14 Apr 2020 20:46

Tgt Ion: 106 Resp: 284719

Ion Ratio Lower Upper

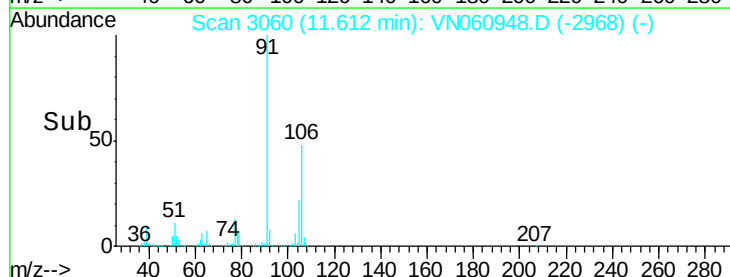
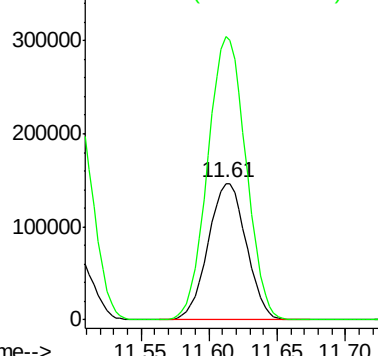
106 100

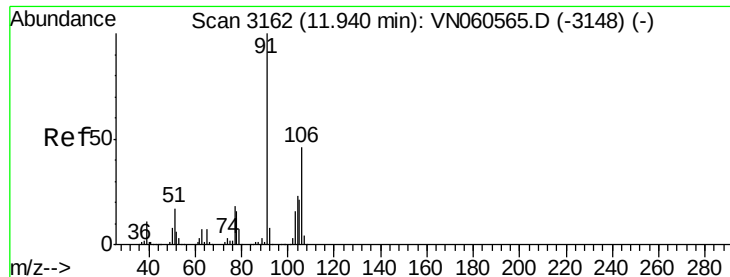
91 208.0 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





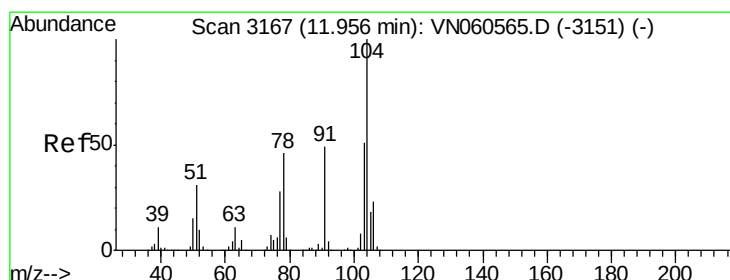
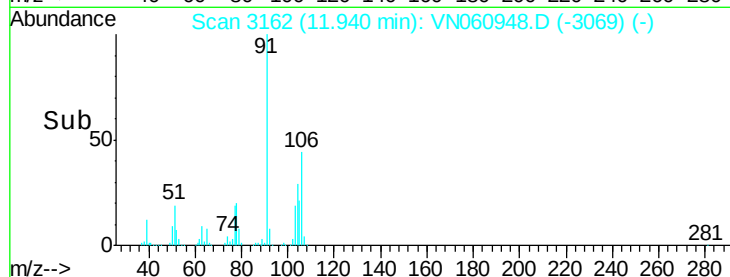
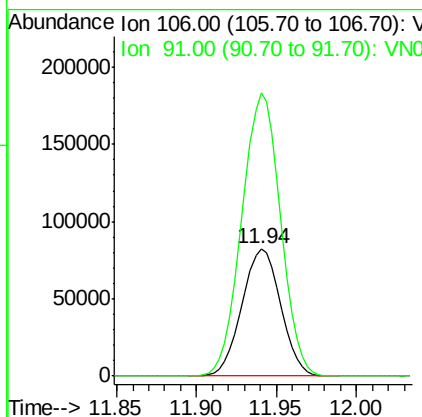
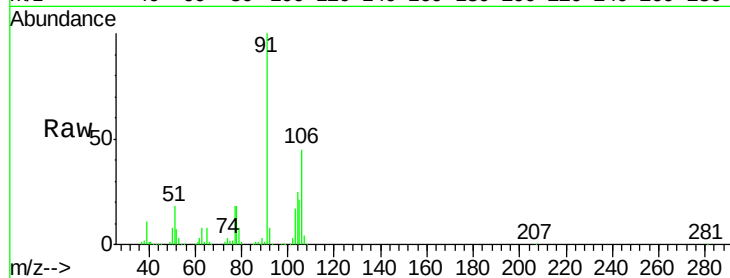
#69  
o-Xylene  
Concen: 46.542 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 221.9 | 109.5 | 328.4 |

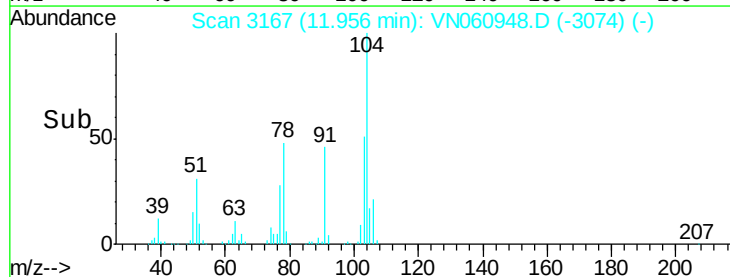
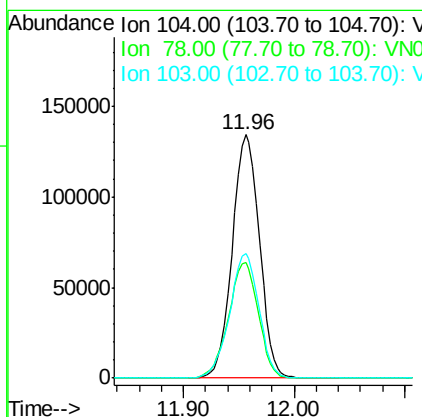
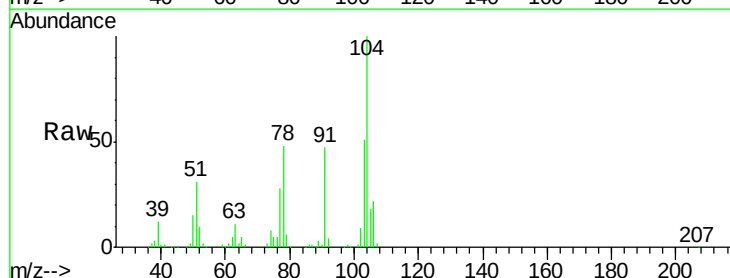
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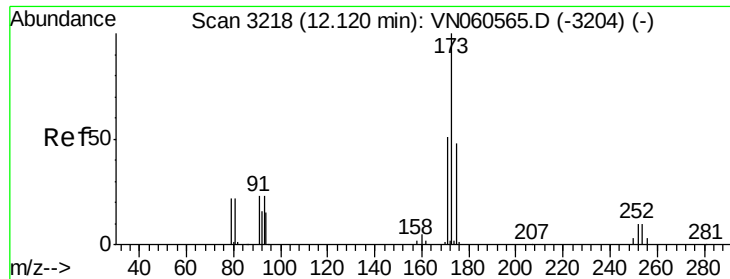


#70  
Styrene  
Concen: 48.071 ug/l  
RT: 11.96 min Scan# 3167  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.1  | 41.2  | 61.8  |
| 103     | 55.0  | 44.0  | 66.0  |







#71

Bromoform

Concen: 45.080 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 59899

Ion Ratio Lower Upper

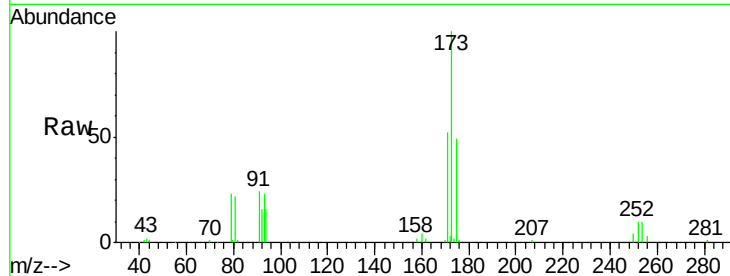
173 100

175 48.8 24.1 72.4

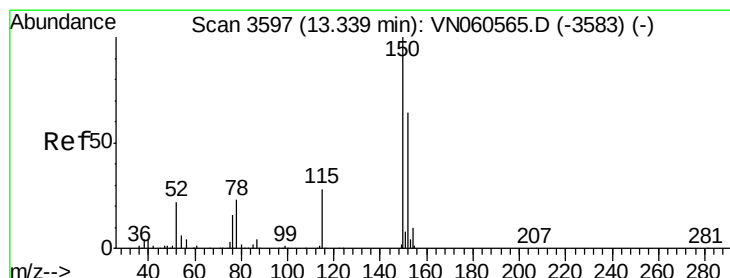
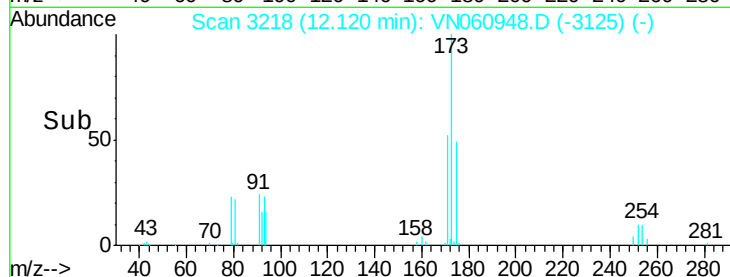
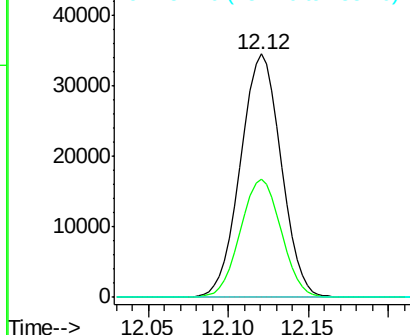
254 0.0 0.0 0.0

Manual Integrations  
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MMDadoda  
4/15/2020 1:50:07 PM



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

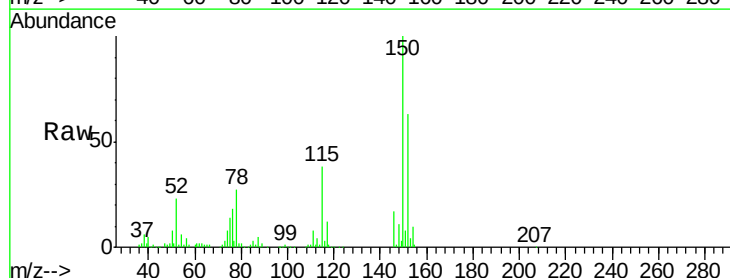
Tgt Ion:152 Resp: 107861

Ion Ratio Lower Upper

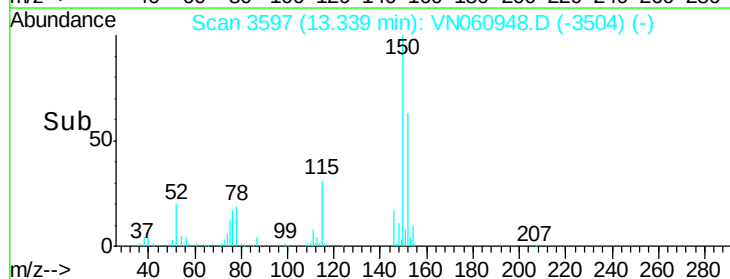
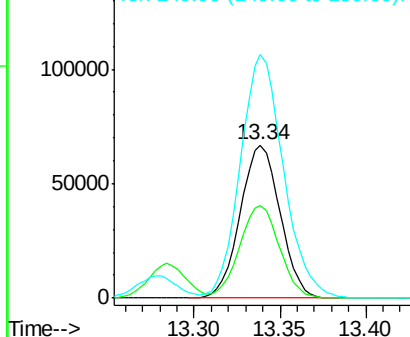
152 100

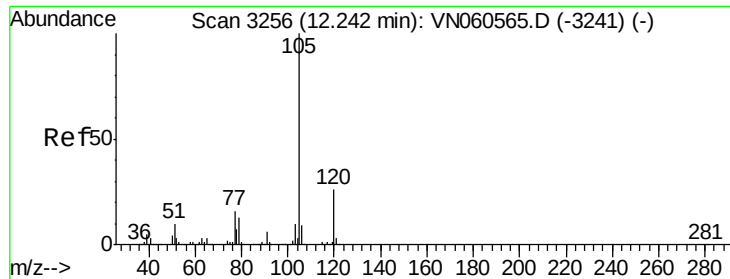
115 60.3 30.2 90.6

150 172.4 0.0 350.2



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: 45.772 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 370499

Ion Ratio Lower Upper

105 100

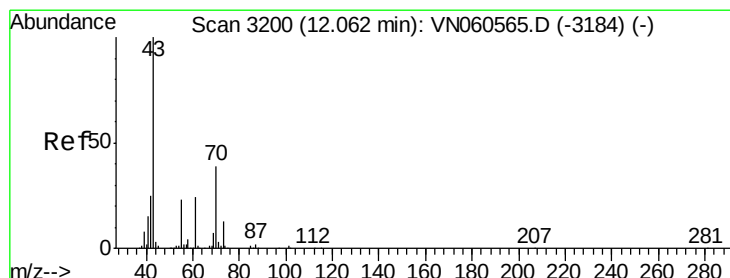
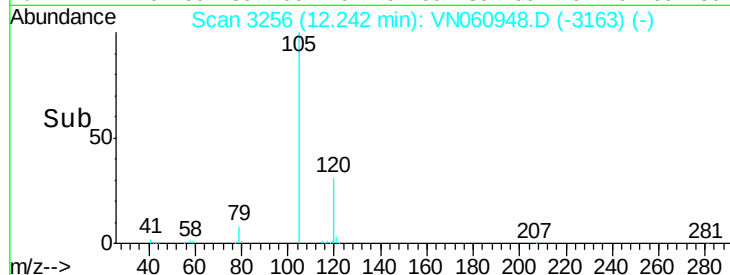
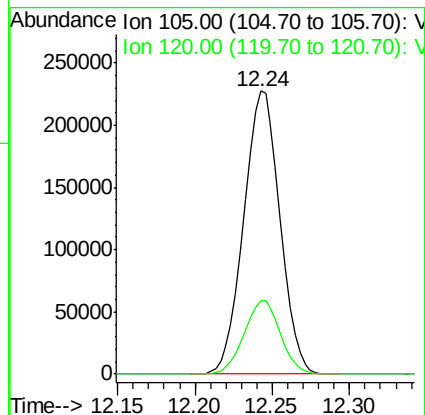
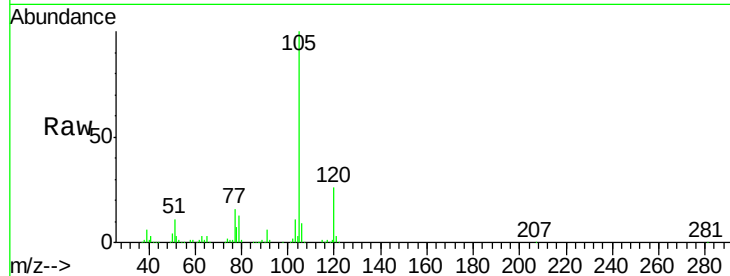
120 25.9 13.1 39.1

Manual Integrations

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MMDadoda

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#74

N-ethyl acetate

Concen: 49.458 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Tgt Ion: 43 Resp: 184993

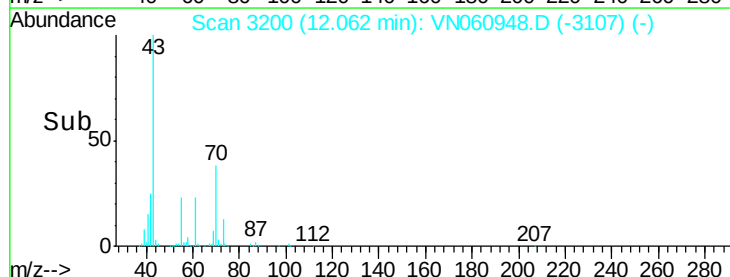
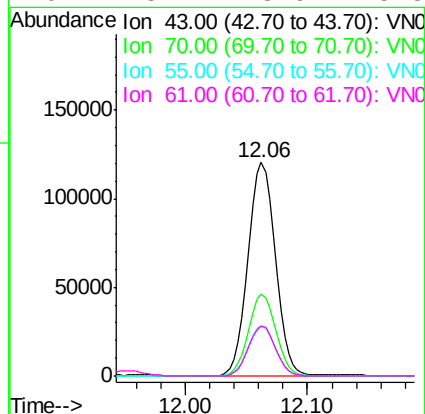
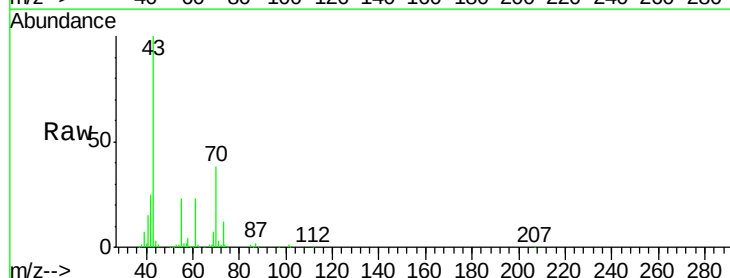
Ion Ratio Lower Upper

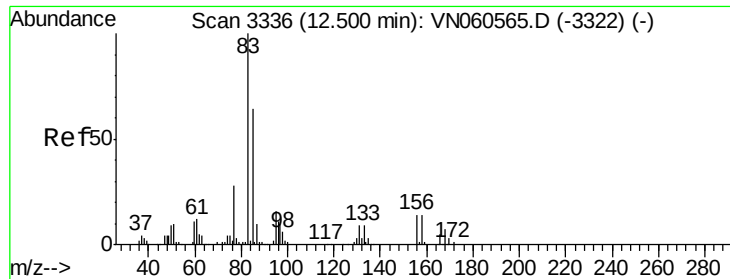
43 100

70 38.5 31.1 46.7

55 23.5 18.6 27.8

61 23.1 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.852 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

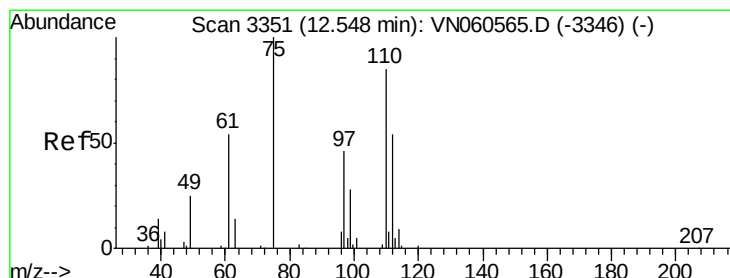
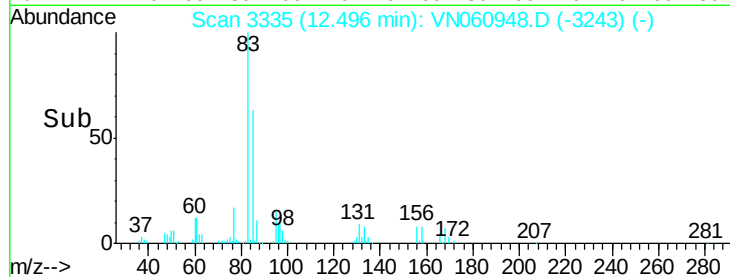
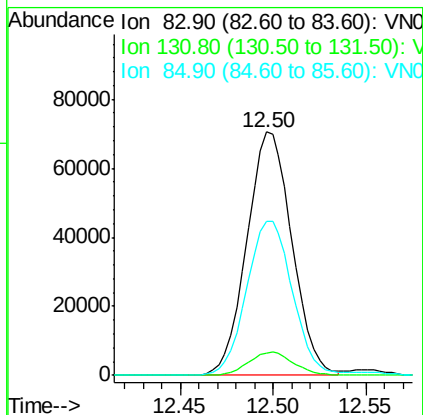
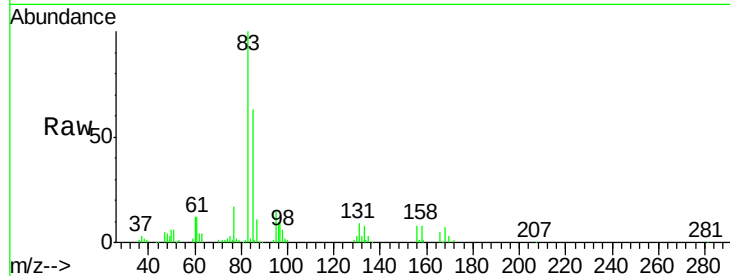
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 119583 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.6   | 4.9   | 14.7   |
| 85        | 64.4  | 32.5  | 97.4   |

Manual Integrations  
APPROVED

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#76

1,2,3-Trichloropropane

Concen: 46.005 ug/l m

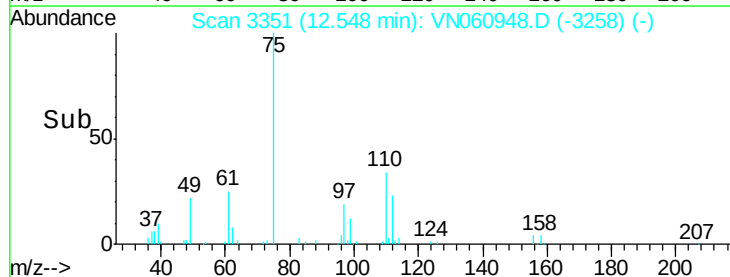
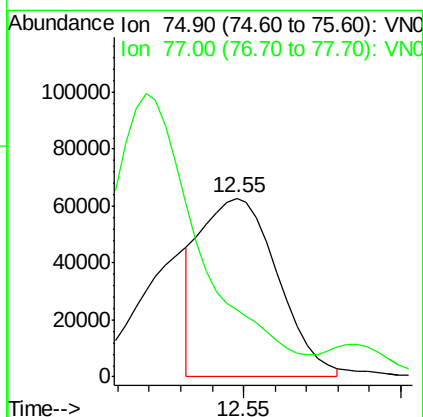
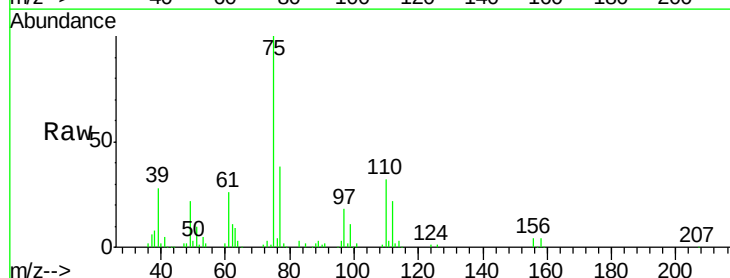
RT: 12.55 min Scan# 3351

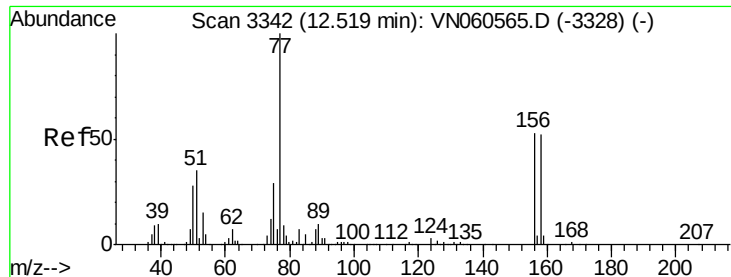
Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 107074 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 44.504 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 86806

Ion Ratio Lower Upper

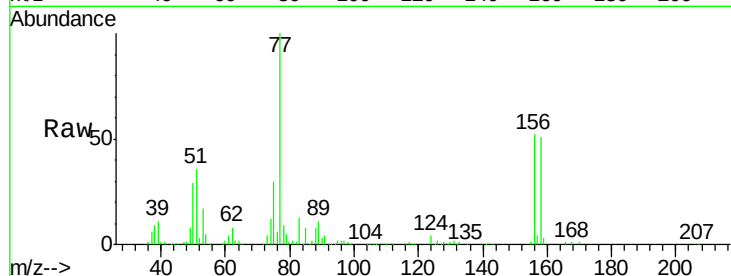
156 100

77 233.3 112.3 337.0

158 98.0 48.6 145.8

Manual Integrations  
APPROVED

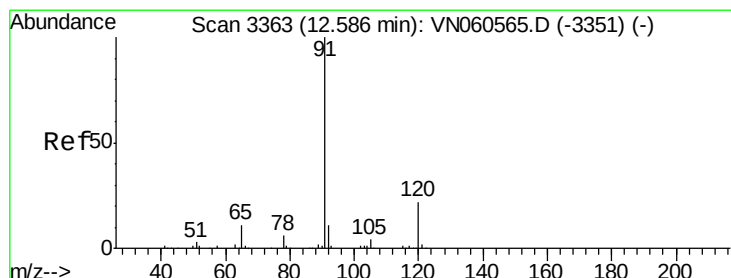
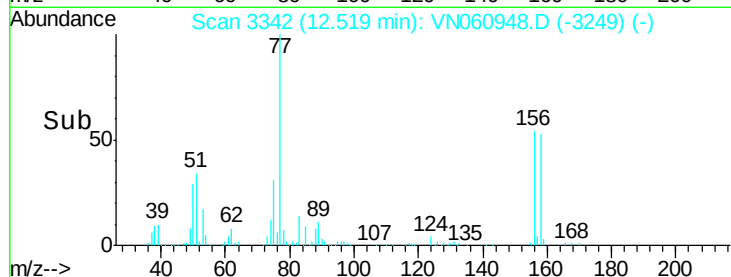
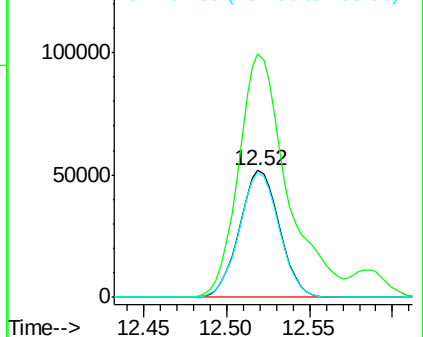
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.825 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060948.D

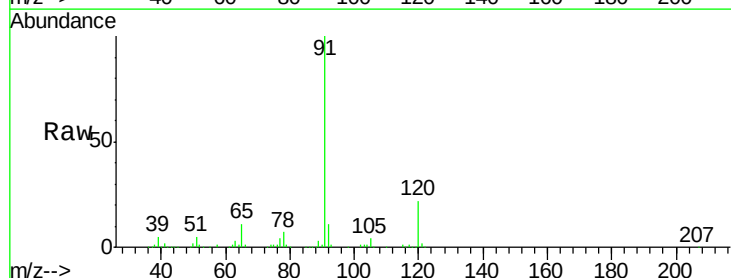
Acq: 14 Apr 2020 20:46

Tgt Ion: 91 Resp: 438234

Ion Ratio Lower Upper

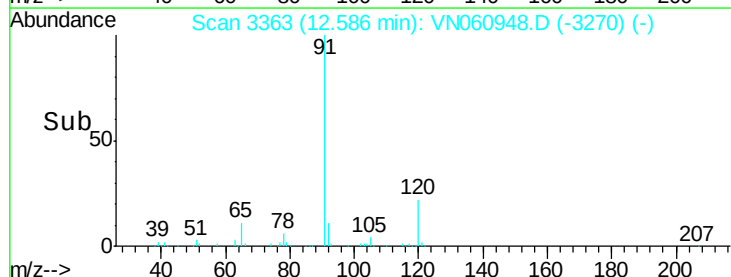
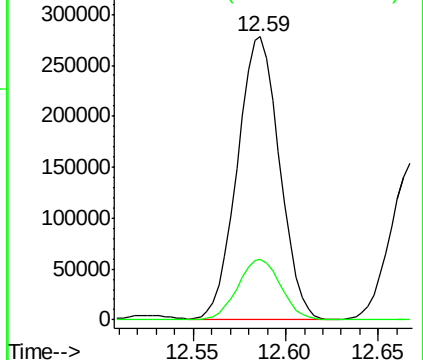
91 100

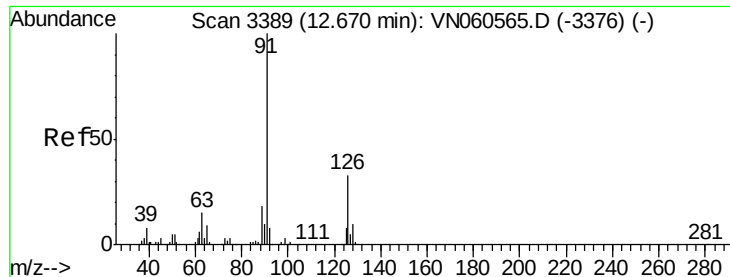
120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.234 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 258468

Ion Ratio Lower Upper

91 100

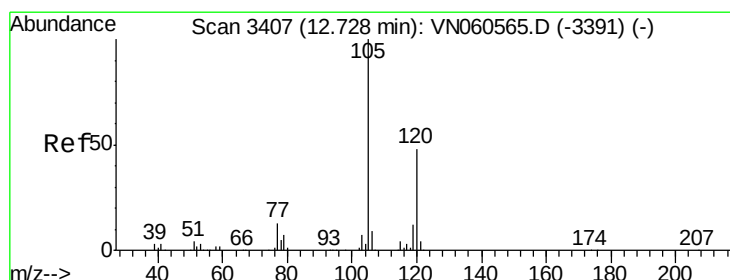
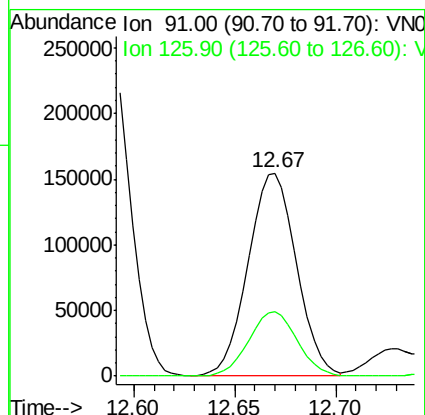
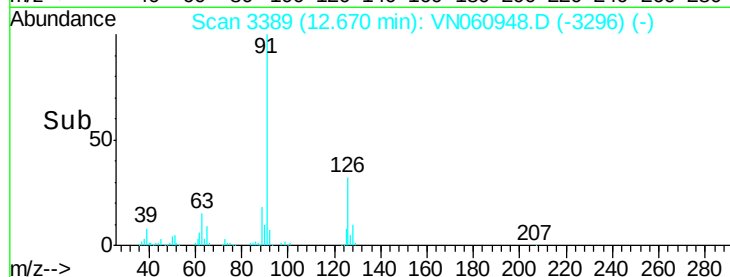
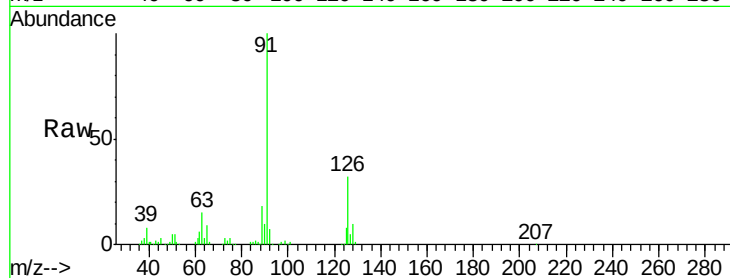
126 32.1 16.4 49.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 45.395 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060948.D

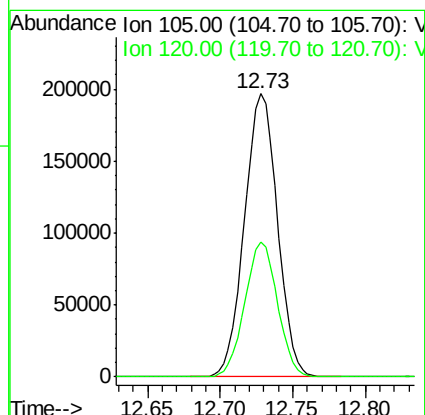
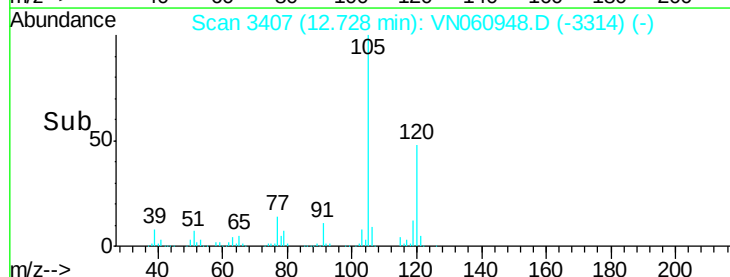
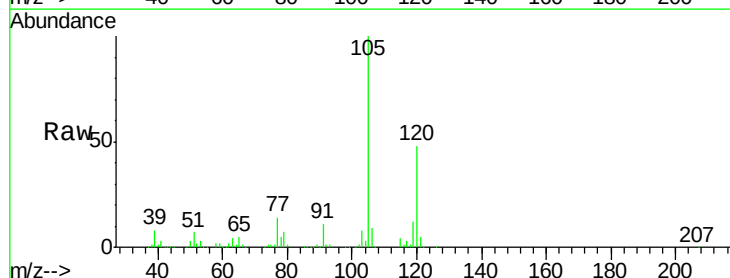
Acq: 14 Apr 2020 20:46

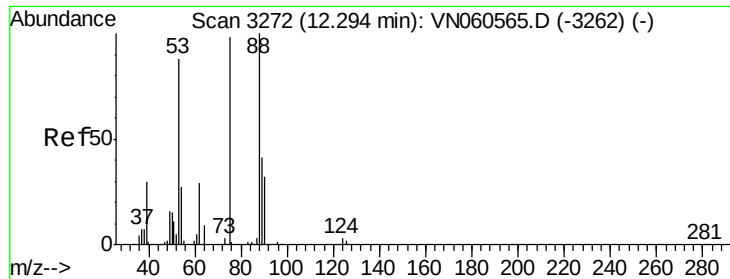
Tgt Ion: 105 Resp: 311831

Ion Ratio Lower Upper

105 100

120 47.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 46.526 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 42162

Ion Ratio Lower Upper

75 100

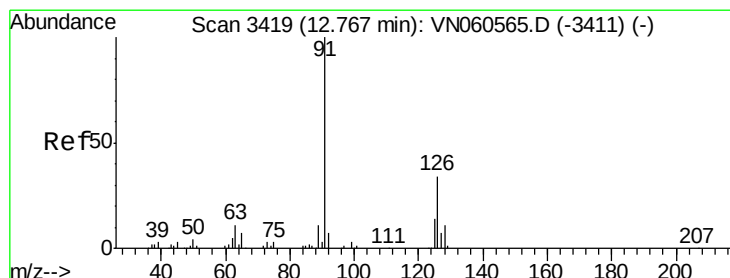
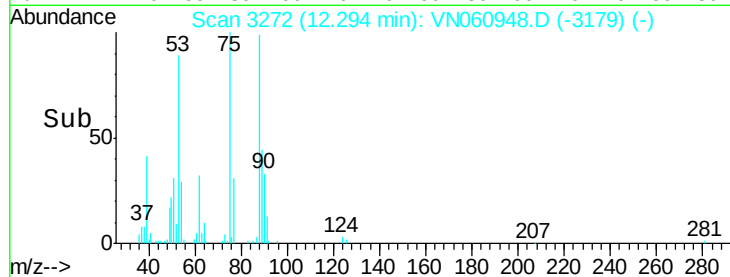
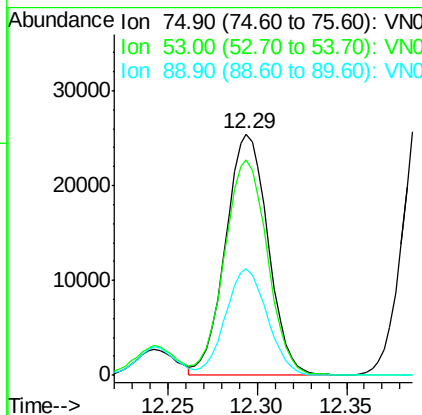
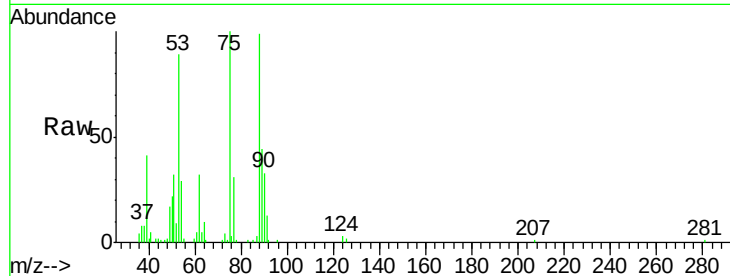
53 90.5 73.0 109.4

89 43.4 34.8 52.2

Manual Integrations  
APPROVED

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#82

4-Chlorotoluene

Concen: 46.030 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060948.D

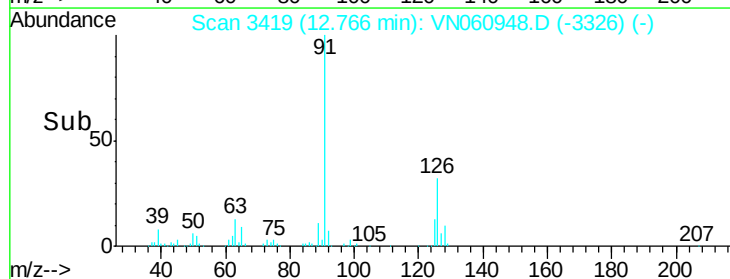
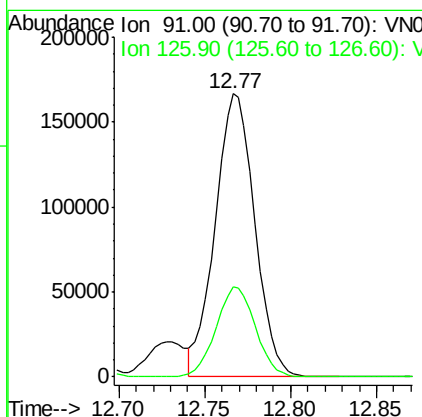
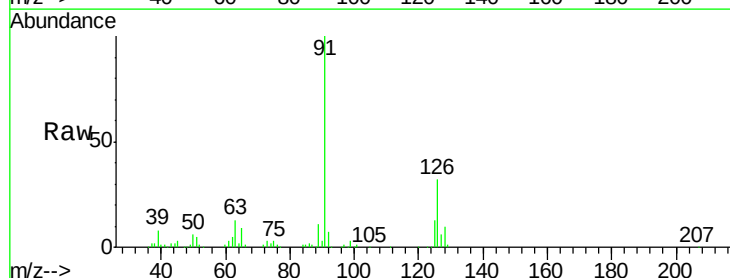
Acq: 14 Apr 2020 20:46

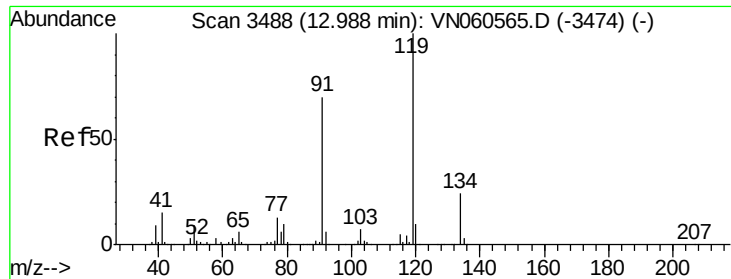
Tgt Ion: 91 Resp: 267875

Ion Ratio Lower Upper

91 100

126 31.8 16.2 48.5





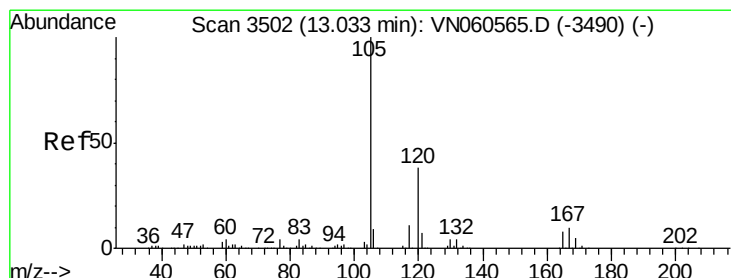
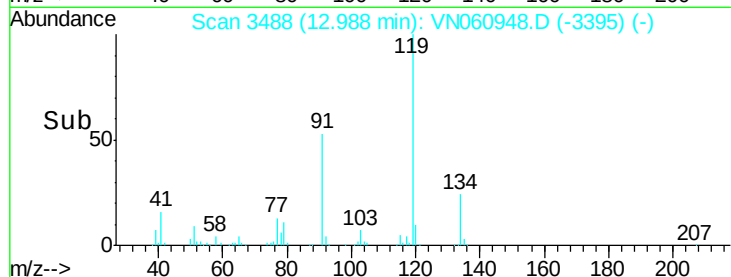
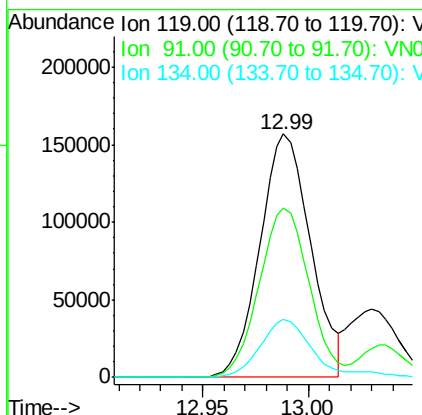
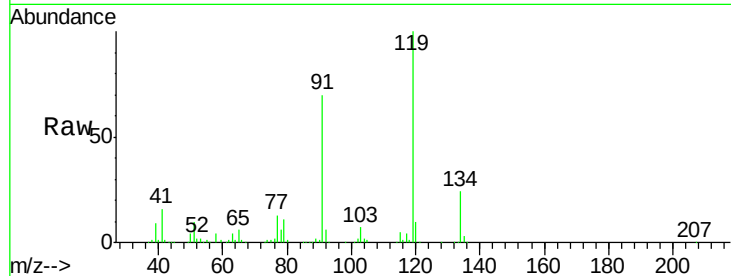
#83  
 tert-Butylbenzene  
 Concen: 46.078 ug/l  
 RT: 12.99 min Scan# 3488  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 68.4  | 34.0  | 101.8 |
| 134     | 23.5  | 12.7  | 38.0  |

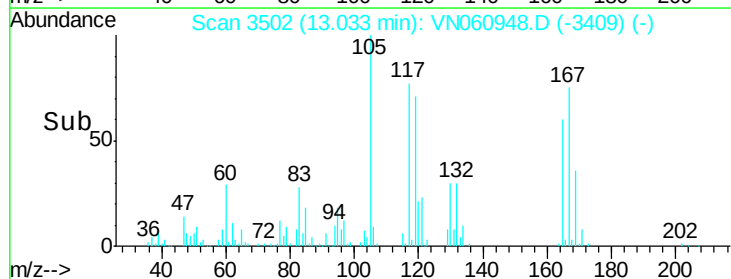
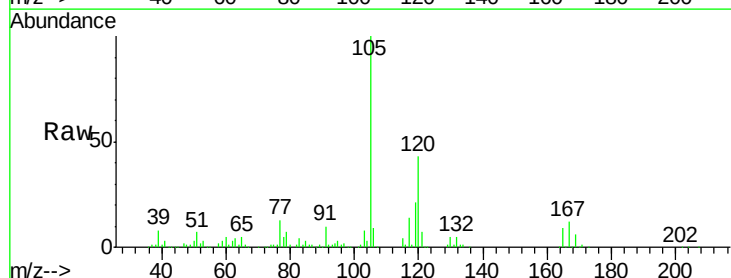
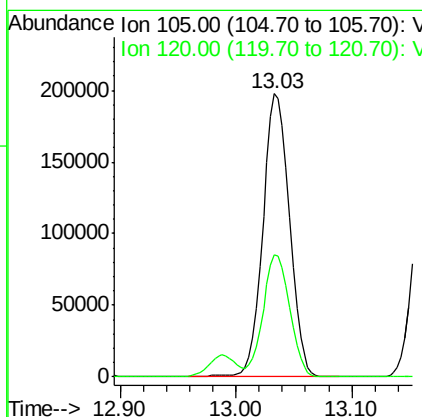
Manual Integrations  
 APPROVED

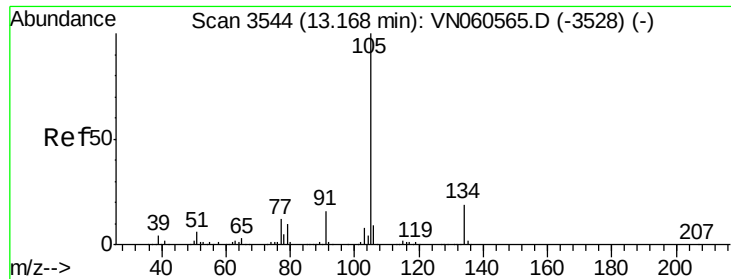
MMDadoda  
 4/15/2020 1:50:07 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.420 ug/l  
 RT: 13.03 min Scan# 3502  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.2  | 22.1  | 66.5  |





#85

sec-Butylbenzene

Concen: 46.608 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 356892

Ion Ratio Lower Upper

105 100

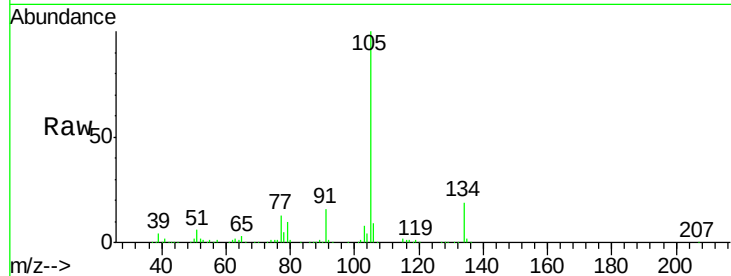
134 19.2 9.6 28.8

Manual Integrations

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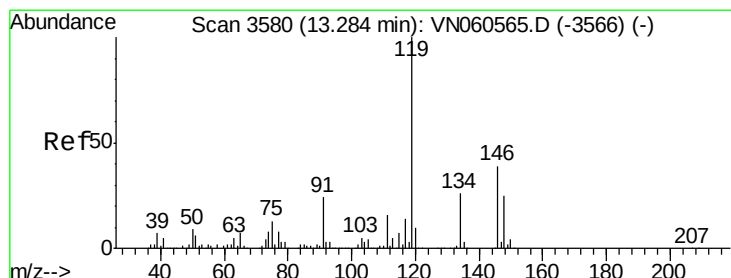
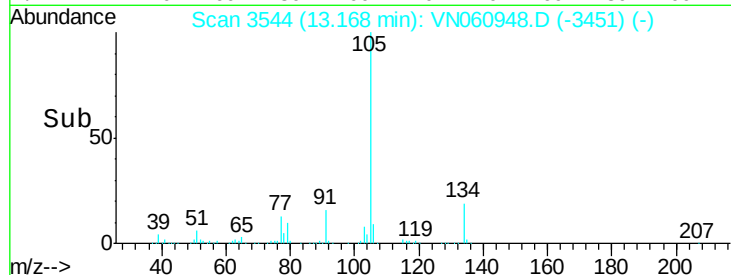
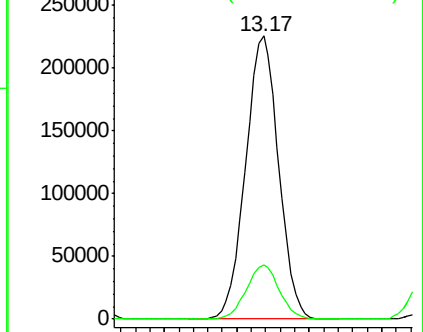
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.340 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

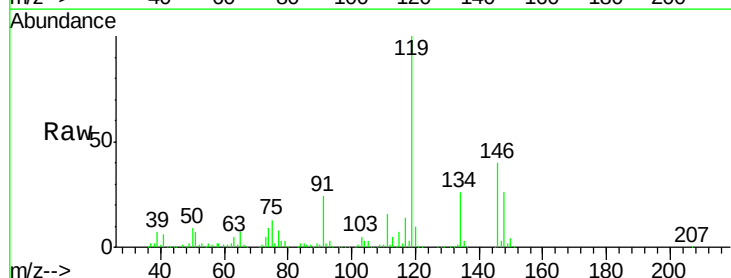
Tgt Ion:119 Resp: 319078

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

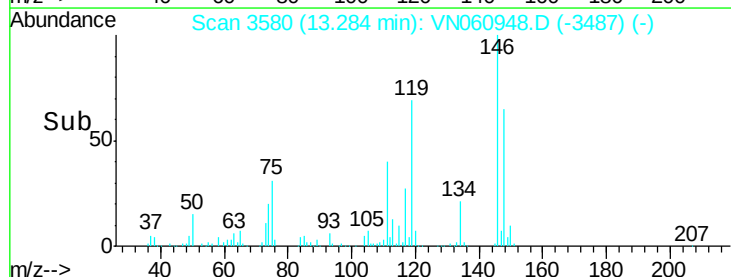
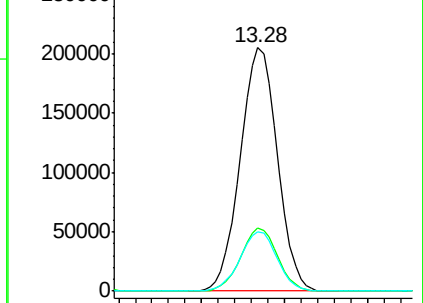
91 24.4 12.0 36.0



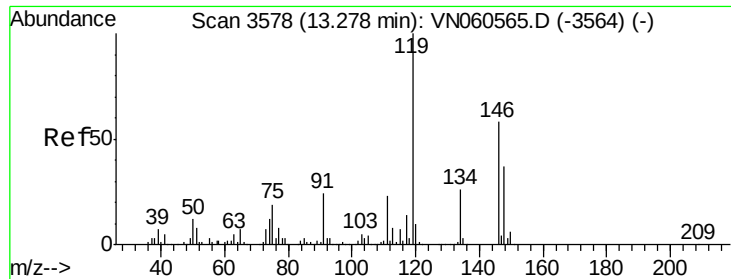
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V







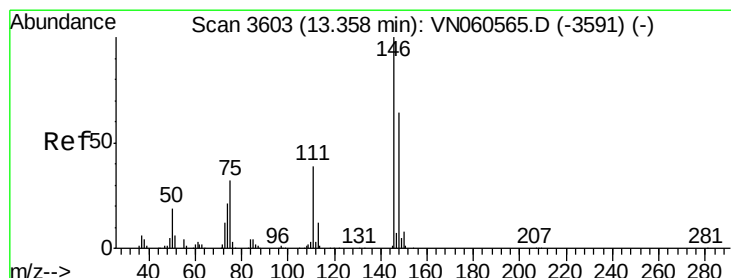
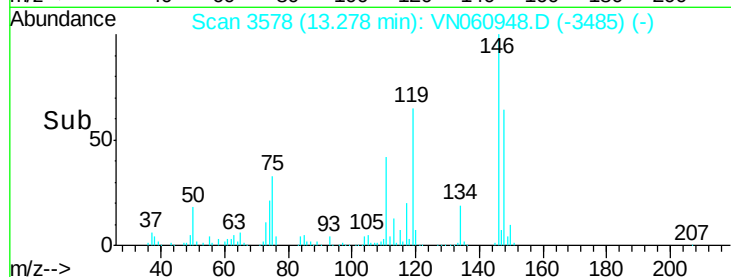
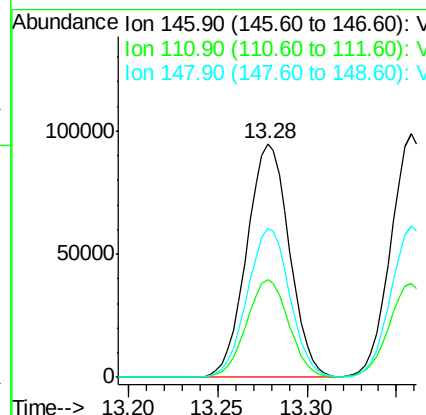
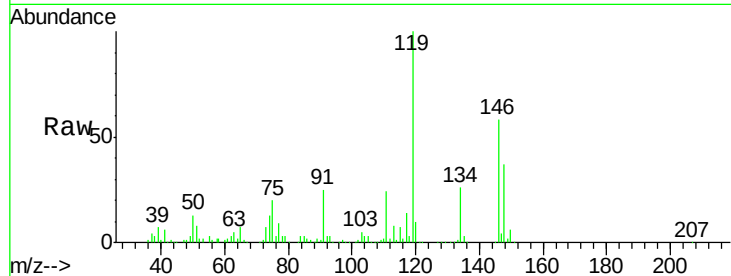
#87  
 1,3-Dichlorobenzene  
 Concen: 45.859 ug/l  
 RT: 13.28 min Scan# 3578  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 20.3  | 60.8  |
| 148     | 63.9  | 32.5  | 97.4  |

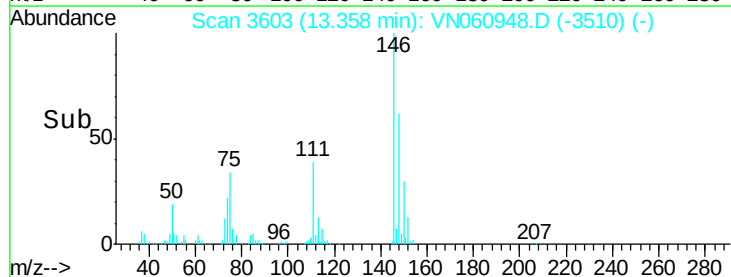
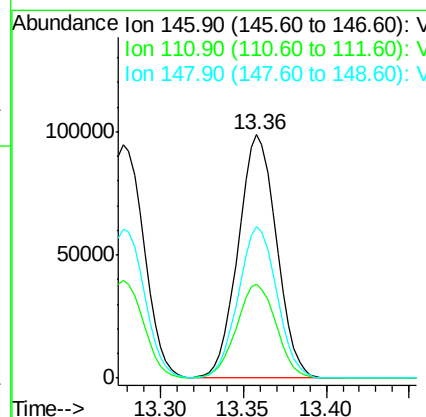
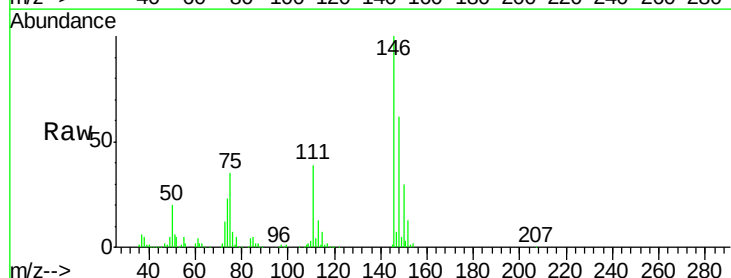
Manual Integrations  
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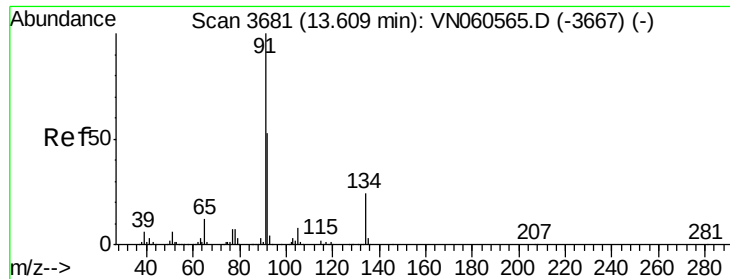
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 46.040 ug/l  
 RT: 13.36 min Scan# 3603  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 19.6  | 58.7  |
| 148     | 62.6  | 32.1  | 96.3  |





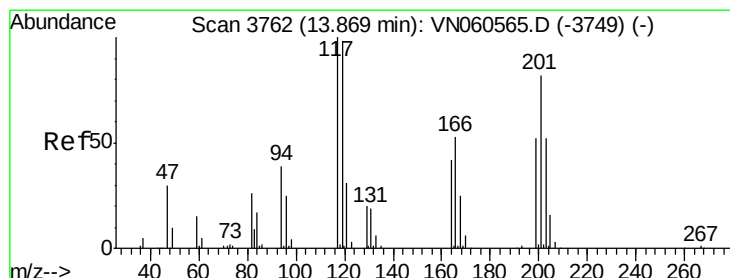
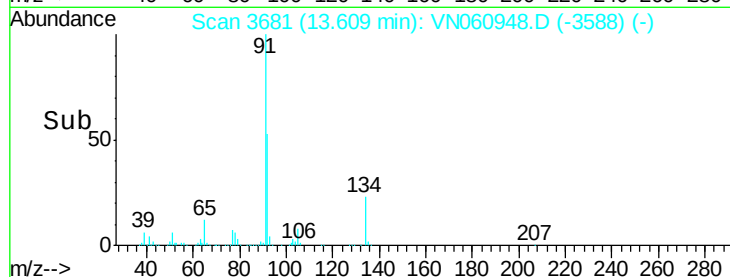
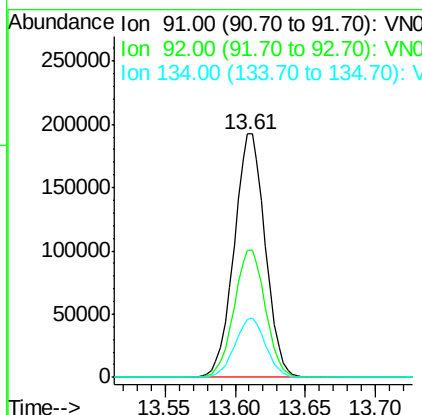
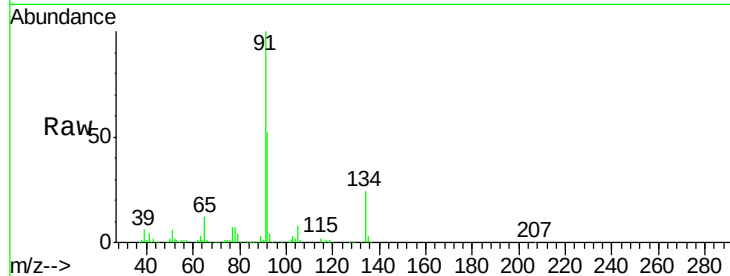
#89  
n-Butylbenzene  
Concen: 47.763 ug/l  
RT: 13.61 min Scan# 3681  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.6  | 26.2  | 78.5  |
| 134     | 24.2  | 12.3  | 36.9  |

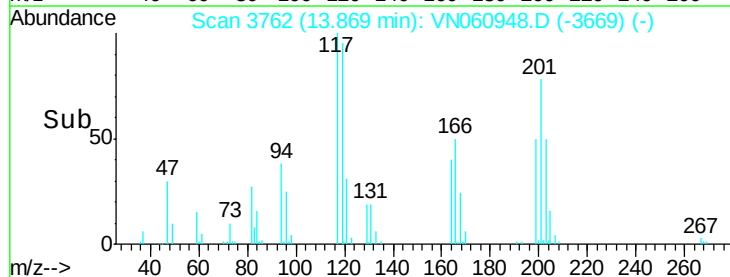
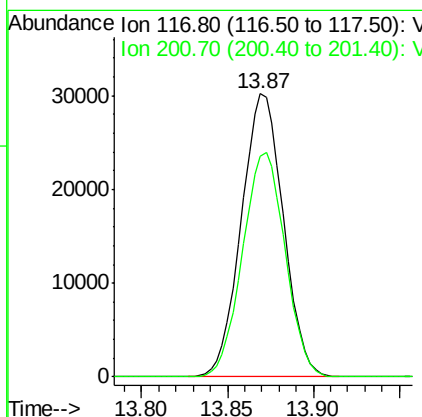
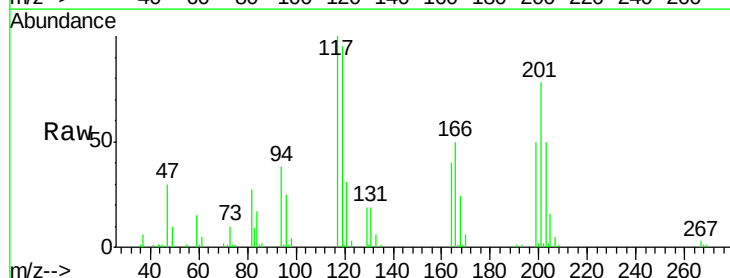
Manual Integrations  
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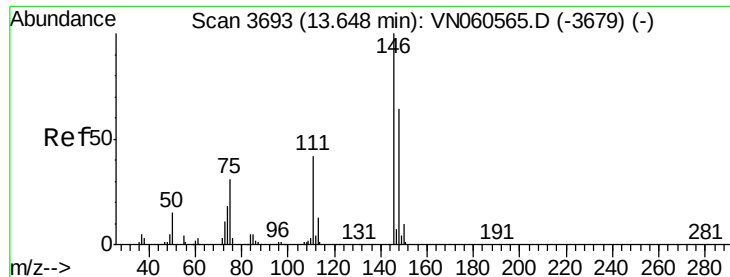
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#90  
Hexachloroethane  
Concen: 51.087 ug/l  
RT: 13.87 min Scan# 3762  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 80.2  | 40.8  | 122.5 |





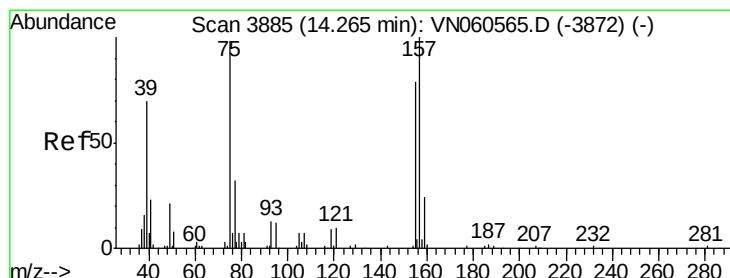
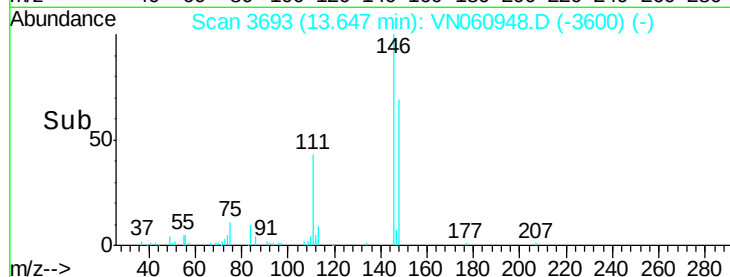
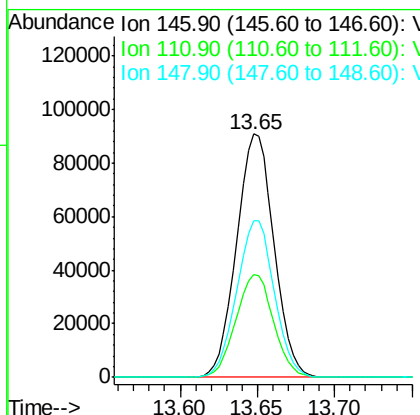
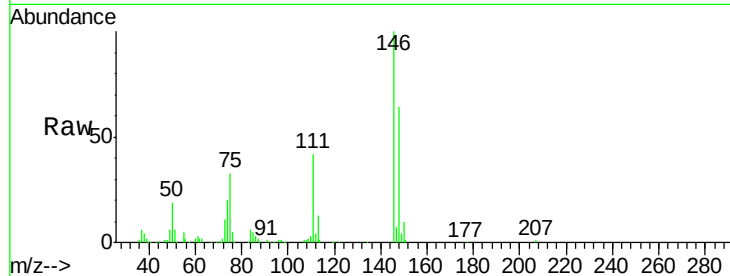
#91  
 1,2-Dichlorobenzene  
 Concen: 46.365 ug/l  
 RT: 13.65 min Scan# 3693  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 152514 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.4  | 21.0  | 63.0   |
| 148       | 64.7  | 31.9  | 95.5   |

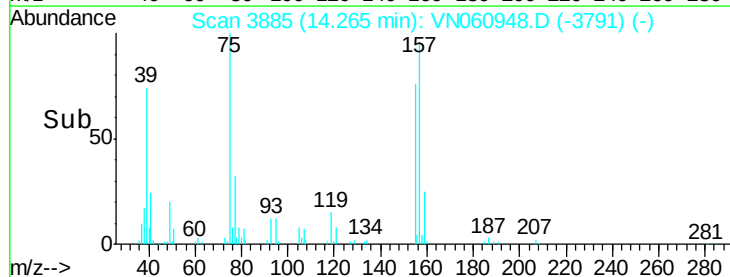
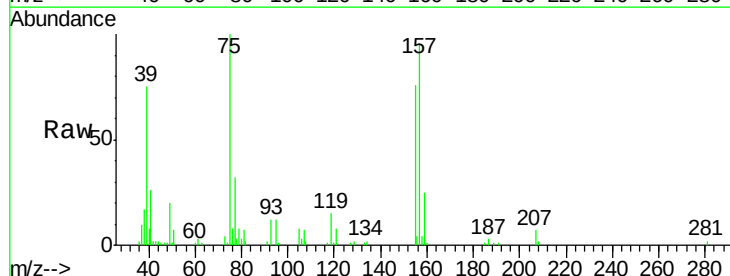
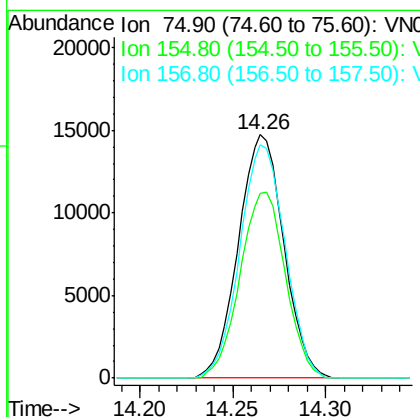
Manual Integrations  
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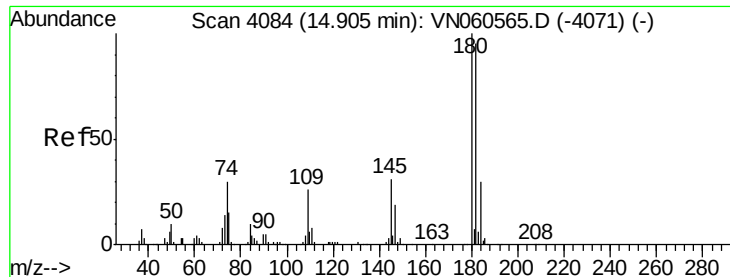
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.083 ug/l  
 RT: 14.26 min Scan# 3885  
 Delta R.T. 0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 25168 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 75.8  | 40.7  | 122.1 |
| 157       | 95.6  | 51.5  | 154.7 |





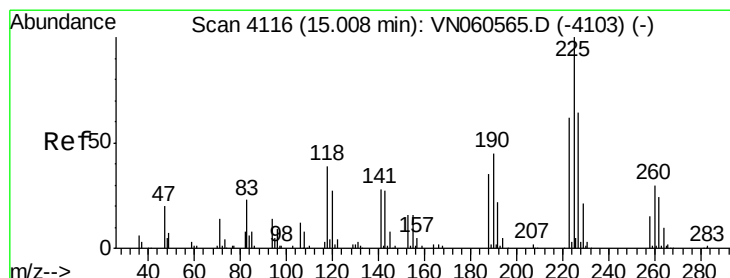
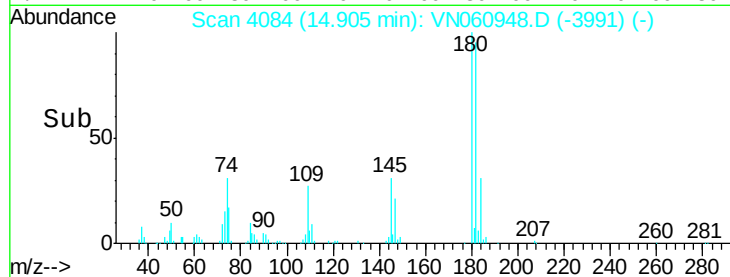
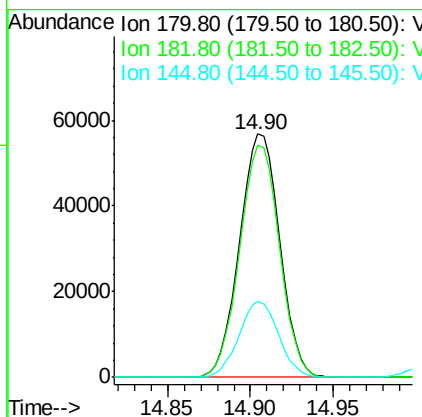
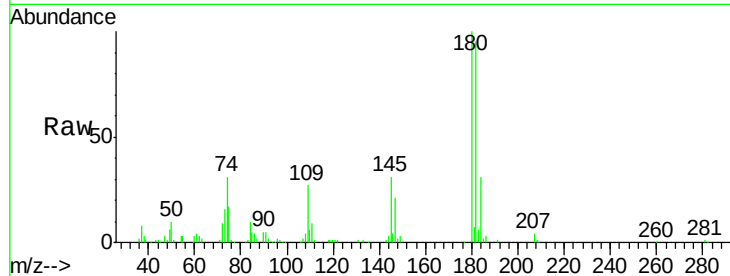
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.410 ug/l  
 RT: 14.90 min Scan# 4084  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 47.9  | 143.8 |
| 145     | 30.8  | 15.4  | 46.2  |

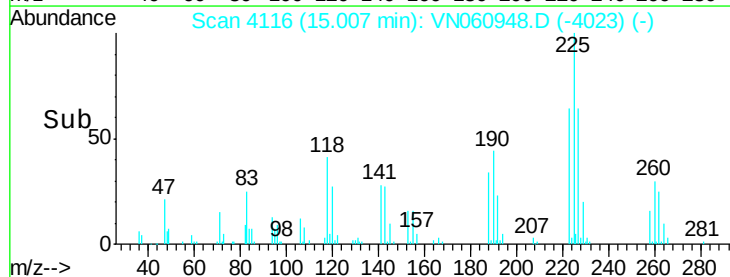
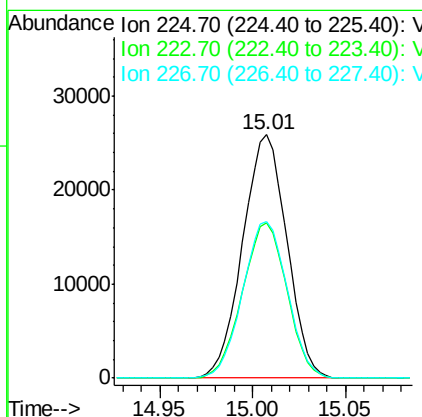
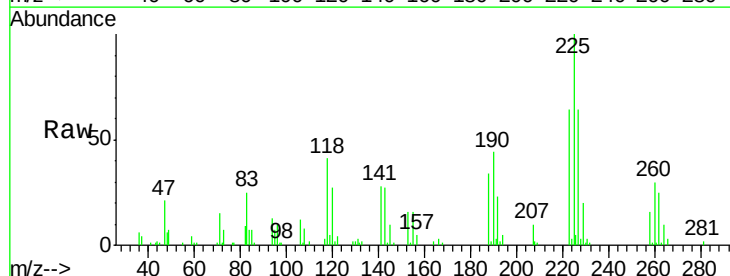
Manual Integrations  
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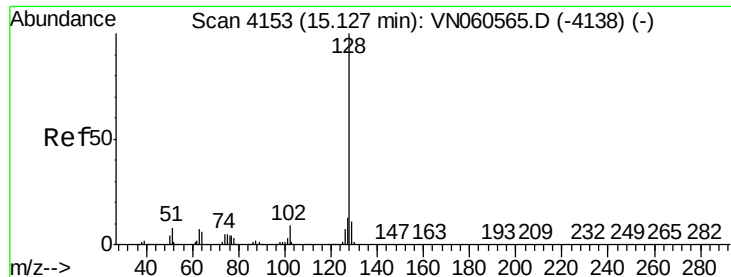
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#94  
 Hexachlorobutadiene  
 Concen: 43.269 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. -0.00 min  
 Lab File: VN060948.D  
 Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.1  | 31.6  | 95.0  |
| 227     | 64.9  | 32.3  | 96.8  |





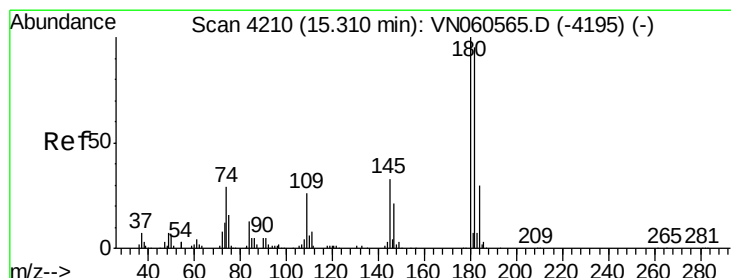
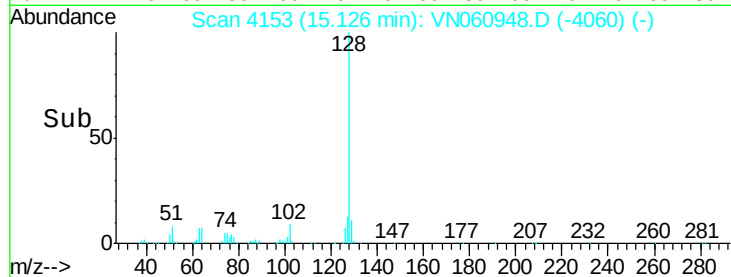
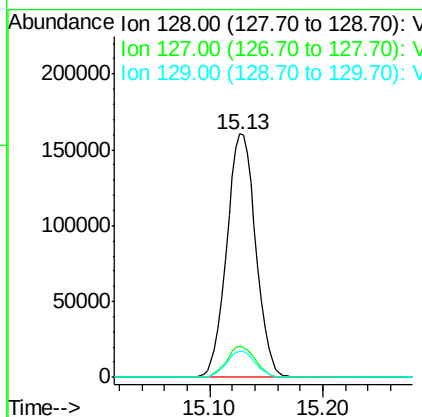
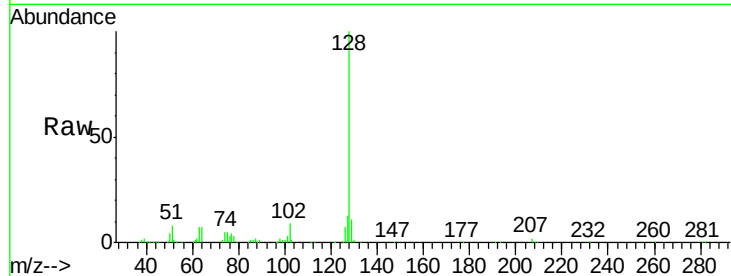
#95  
Naphthalene  
Concen: 47.129 ug/l  
RT: 15.13 min Scan# 4153  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.6  | 10.2  | 15.2  |
| 129     | 10.6  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 46.337 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. -0.00 min  
Lab File: VN060948.D  
Acq: 14 Apr 2020 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 47.5  | 142.6 |
| 145     | 32.6  | 16.3  | 48.8  |

