

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\  
 Data File : VN061740.D  
 Acq On : 10 Jun 2020 16:28  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC020EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/11/2020 12:44:44 PM

Quant Time: Jun 11 03:23:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 10 12:28:45 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.15  | 128  | 59196    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.55  | 114  | 307627   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.38 | 117  | 286825   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 7.99   | 65    | 107791   | 29.19    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 97.30%  |
| 60) 4-Bromofluorobenzene  | 12.38  | 95    | 125937   | 29.80    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 99.33%  |
| 63) Toluene-d8            | 10.06  | 98    | 368233   | 30.22    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 100.73% |

## Target Compounds

|                               |      |     |        |        | Ovalue     |
|-------------------------------|------|-----|--------|--------|------------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 46731  | 19.099 | ug/l 97    |
| 3) Chloromethane              | 2.03 | 50  | 60296  | 20.612 | ug/l 99    |
| 4) Vinyl Chloride             | 2.16 | 62  | 82174  | 20.130 | ug/l 98    |
| 5) Bromomethane               | 2.54 | 94  | 55713  | 20.826 | ug/l 92    |
| 6) Chloroethane               | 2.67 | 64  | 55234  | 19.355 | ug/l 98    |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 112194 | 18.992 | ug/l 99    |
| 8) Diethyl Ether              | 3.37 | 74  | 36455  | 19.783 | ug/l 96    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 57339  | 18.978 | ug/l 100   |
| 10) 1,1-Dichloroethene        | 3.70 | 96  | 56298  | 18.912 | ug/l 97    |
| 11) Methyl Iodide             | 3.91 | 142 | 76770  | 18.924 | ug/l 99    |
| 12) Methyl Acetate            | 4.28 | 43  | 45584  | 19.244 | ug/l 95    |
| 13) Acrolein                  | 3.57 | 56  | 23236  | 73.309 | ug/l 91    |
| 14) Acrylonitrile             | 4.93 | 53  | 116549 | 95.335 | ug/l # 91  |
| 15) Acetone                   | 3.78 | 58  | 33203  | 90.823 | ug/l 97    |
| 16) Carbon Disulfide          | 4.01 | 76  | 136076 | 22.071 | ug/l 100   |
| 17) Allyl chloride            | 4.28 | 41  | 65398  | 19.286 | ug/l 99    |
| 18) Methylene Chloride        | 4.50 | 84  | 64074  | 18.757 | ug/l 92    |
| 19) trans-1,2-Dichloroethene  | 4.99 | 96  | 62884  | 18.997 | ug/l 99    |
| 20) Diisopropyl ether         | 5.90 | 45  | 154595 | 19.083 | ug/l 98    |
| 21) 1,1-Dichloroethane        | 5.80 | 63  | 102227 | 18.979 | ug/l 97    |
| 22) cis-1,2-Dichloroethene    | 6.78 | 96  | 72997  | 18.801 | ug/l 98    |
| 23) tert-Butyl Alcohol        | 4.73 | 59  | 38957  | 82.403 | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 4.99 | 73  | 180148 | 18.984 | ug/l # 76  |
| 25) Chloroform                | 7.33 | 83  | 115722 | 18.965 | ug/l 96    |
| 26) Cyclohexane               | 7.61 | 56  | 80625  | 19.602 | ug/l # 97  |
| 29) 1,1-Dichloropropene       | 7.75 | 75  | 81886  | 19.809 | ug/l 99    |
| 30) 2-Butanone                | 6.79 | 43  | 133787 | 93.431 | ug/l 99    |
| 31) 2,2-Dichloropropane       | 6.78 | 77  | 92935  | 19.203 | ug/l 100   |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 102706 | 19.459 | ug/l 99    |
| 33) Carbon Tetrachloride      | 7.73 | 117 | 85005  | 19.780 | ug/l 96    |
| 34) Benzene                   | 8.00 | 78  | 254595 | 19.757 | ug/l 99    |
| 35) Methacrylonitrile         | 7.13 | 41  | 25701  | 19.326 | ug/l # 76  |
| 36) 1,2-Dichloroethane        | 8.09 | 62  | 83911  | 20.149 | ug/l 97    |
| 37) Trichloroethene           | 8.80 | 130 | 76759  | 19.097 | ug/l 100   |
| 38) Methylcyclohexane         | 9.05 | 83  | 90528  | 19.566 | ug/l 99    |
| 39) 1,2-Dichloropropane       | 9.09 | 63  | 60316  | 19.542 | ug/l 99    |
| 40) Dibromomethane            | 9.18 | 93  | 45890  | 19.823 | ug/l 99    |

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Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC020EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/11/2020 12:44:44 PM

Quant Time: Jun 11 03:23:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 10 12:28:45 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 9.37  | 83   | 90316    | 19.232  | ug/l   | 98       |
| 42) Vinyl Acetate              | 5.84  | 43   | 597184   | 101.101 | ug/l   | 100      |
| 43) Ethyl Acetate              | 6.88  | 43   | 57889    | 19.908  | ug/l   | 98       |
| 44) Isopropyl Acetate          | 8.13  | 43   | 103133   | 19.603  | ug/l   | 96       |
| 45) 1,4-Dioxane                | 9.17  | 88   | 18147    | 337.502 | ug/l   | 99       |
| 46) Methyl methacrylate        | 9.17  | 41   | 43850    | 19.212  | ug/l   | 99       |
| 47) n-amyl Acetate             | 12.05 | 43   | 80275    | 18.007  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene      | 10.35 | 75   | 92656    | 18.919  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene    | 9.81  | 75   | 100149   | 18.706  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane      | 10.53 | 97   | 66326    | 19.717  | ug/l   | 97       |
| 51) Ethyl methacrylate         | 10.40 | 69   | 84286    | 19.284  | ug/l   | 97       |
| 52) 1,3-Dichloropropane        | 10.68 | 76   | 103994   | 19.410  | ug/l   | 100      |
| 53) Dibromochloromethane       | 10.87 | 129  | 74561    | 18.810  | ug/l   | 99       |
| 54) 1,2-Dibromoethane          | 10.98 | 107  | 69439    | 19.703  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether  | 9.66  | 63   | 158065   | 95.147  | ug/l   | 100      |
| 56) Bromoform                  | 12.10 | 173  | 50294    | 18.171  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone       | 9.95  | 43   | 297982   | 100.453 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 204509   | 95.073  | ug/l   | 100      |
| 61) Tetrachloroethene          | 10.60 | 164  | 77403    | 17.672  | ug/l   | 94       |
| 62) Toluene                    | 10.13 | 91   | 284753   | 19.774  | ug/l   | 98       |
| 64) Chlorobenzene              | 11.41 | 112  | 181632   | 19.601  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 67949    | 19.237  | ug/l   | 97       |
| 66) Ethyl Benzene              | 11.48 | 91   | 304664   | 19.326  | ug/l   | 100      |
| 67) m/p-Xylenes                | 11.60 | 106  | 238972   | 38.109  | ug/l   | 98       |
| 68) o-Xylene                   | 11.92 | 106  | 114848   | 19.391  | ug/l   | 99       |
| 69) Styrene                    | 11.94 | 104  | 188482   | 18.786  | ug/l   | 99       |
| 70) Isopropylbenzene           | 12.22 | 105  | 302124   | 19.313  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 83189    | 20.019  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane     | 12.53 | 75   | 71232m   | 18.183  | ug/l   |          |
| 73) Bromobenzene               | 12.50 | 156  | 79040    | 18.702  | ug/l   | 99       |
| 74) n-propylbenzene            | 12.57 | 91   | 339390   | 19.193  | ug/l   | 99       |
| 75) 2-Chlorotoluene            | 12.65 | 91   | 200237   | 19.213  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 248219   | 19.033  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene    | 12.27 | 75   | 23463    | 16.603  | ug/l   | 97       |
| 78) 4-Chlorotoluene            | 12.75 | 91   | 206752   | 19.039  | ug/l   | 99       |
| 79) tert-butylbenzene          | 12.97 | 119  | 213537   | 18.934  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 249373   | 19.009  | ug/l   | 100      |
| 81) sec-Butylbenzene           | 13.15 | 105  | 276595   | 18.979  | ug/l   | 99       |
| 82) p-Isopropyltoluene         | 13.26 | 119  | 254157   | 18.785  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 13.26 | 146  | 140124   | 18.577  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 13.34 | 146  | 136426   | 18.408  | ug/l   | 99       |
| 85) n-Butylbenzene             | 13.59 | 91   | 204470   | 18.297  | ug/l   | 99       |
| 86) Hexachloroethane           | 13.85 | 117  | 38325    | 20.806  | ug/l   | 100      |
| 87) 1,2-Dichlorobenzene        | 13.63 | 146  | 136526   | 19.053  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 15217    | 19.713  | ug/l   | 95       |
| 89) 1,2,4-Trichlorobenzene     | 14.88 | 180  | 75296    | 17.920  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 14.99 | 225  | 31332    | 17.199  | ug/l   | 97       |
| 91) Naphthalene                | 15.10 | 128  | 212354   | 18.212  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene     | 15.28 | 180  | 75867    | 18.433  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDCCC020  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Manual Integrations  
APPROVED

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6/11/2020 12:44:44 PM

Quant Time: Jun 11 03:23:06 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Jun 10 12:28:45 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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

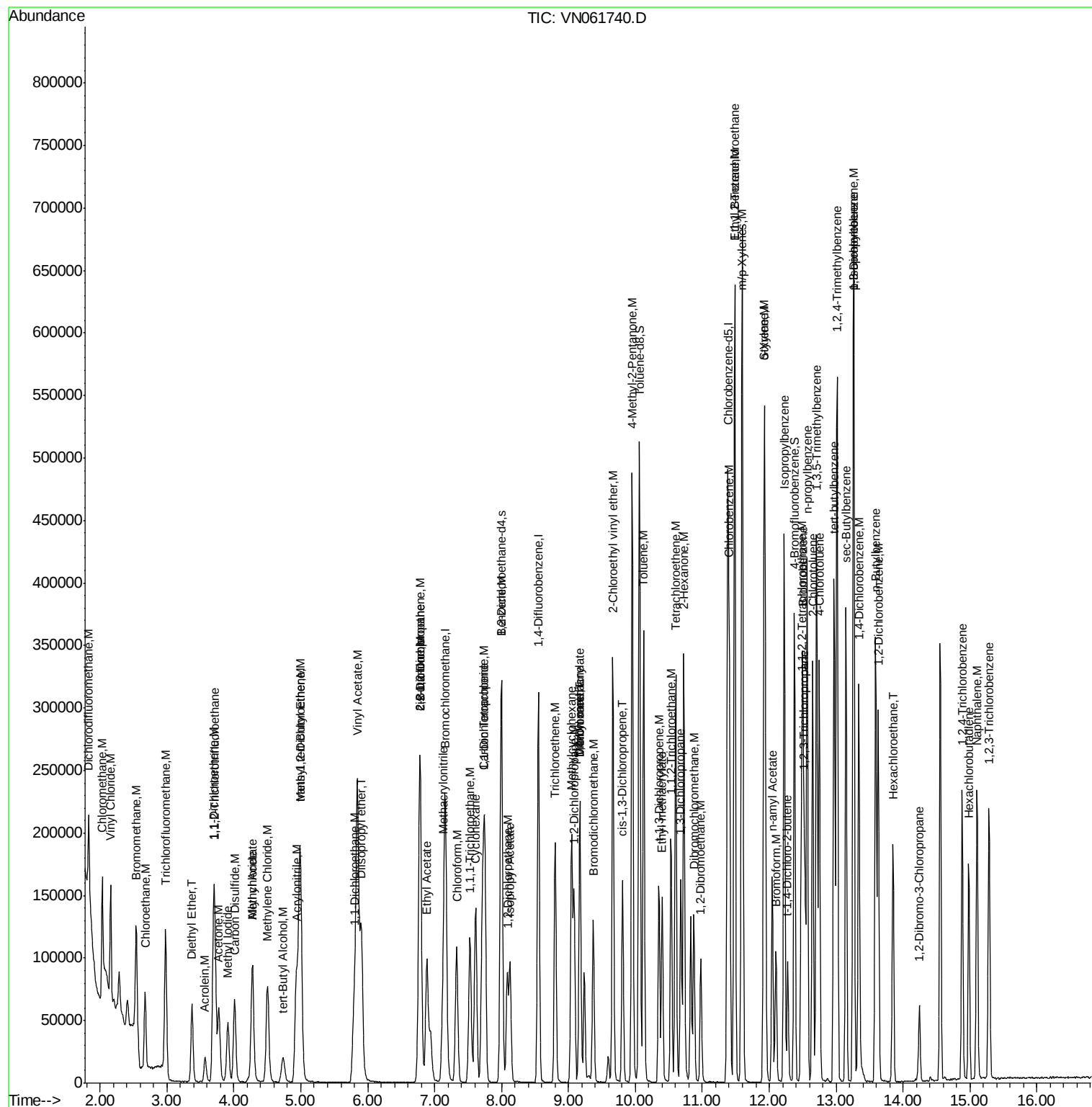
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Data File : VN061740.D  
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Operator : JC/MD  
Sample : VSTDCCC020  
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ALS Vial : 14 Sample Multiplier: 1

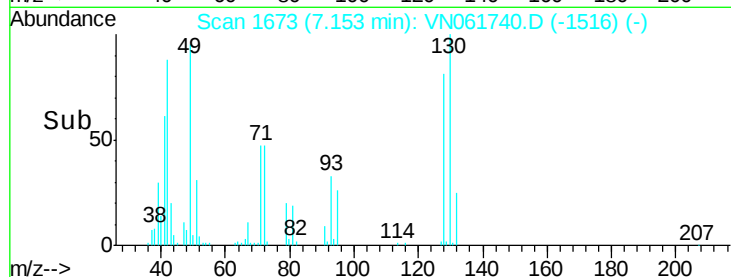
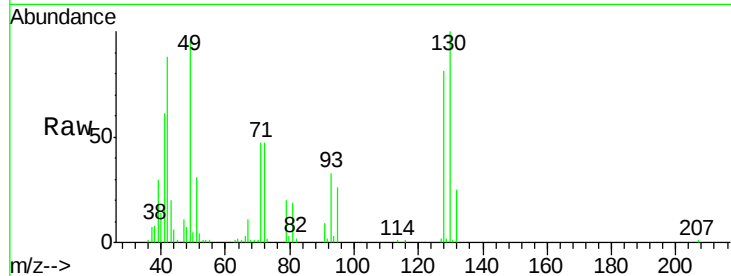
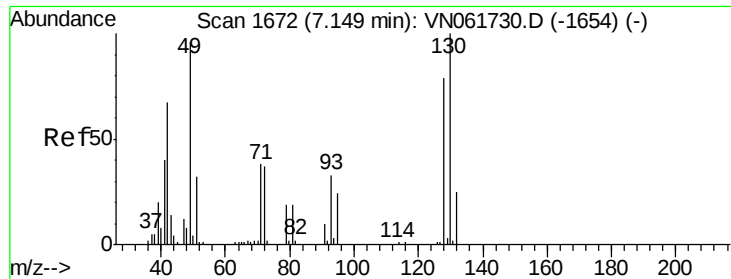
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Manual Integrations  
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MMDadoda  
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QLast Update : Wed Jun 10 12:28:45 2020  
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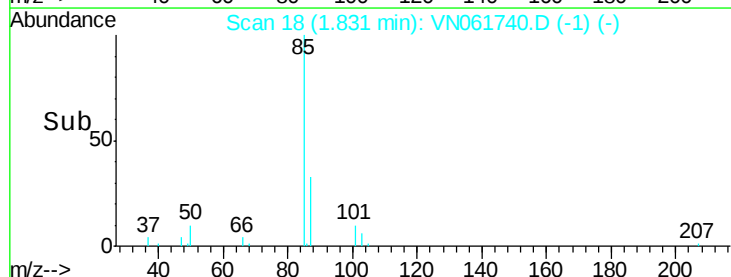
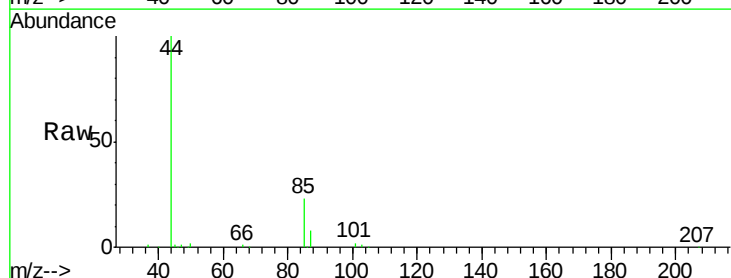
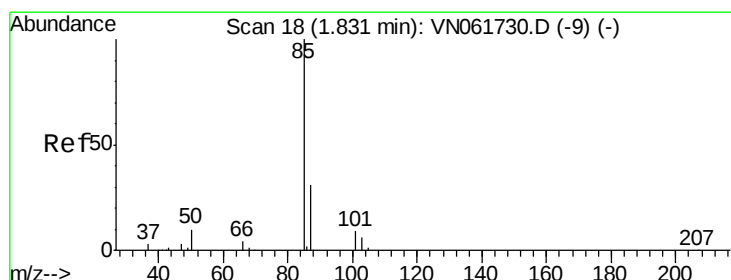
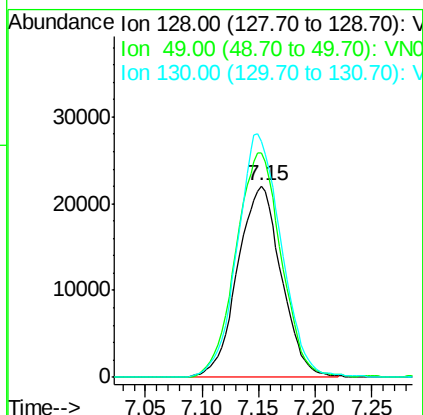
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Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.15 min Scan# 1673  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 121.9 | 0.0   | 312.3 |
| 130     | 127.9 | 0.0   | 328.7 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

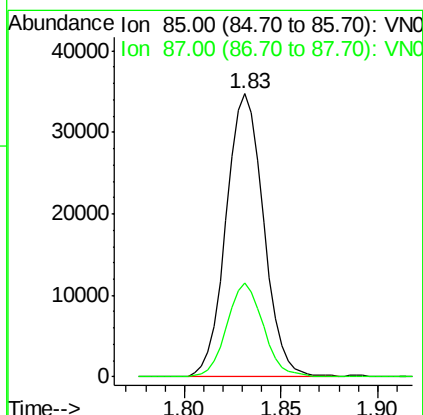
Manual Integrations  
APPROVED

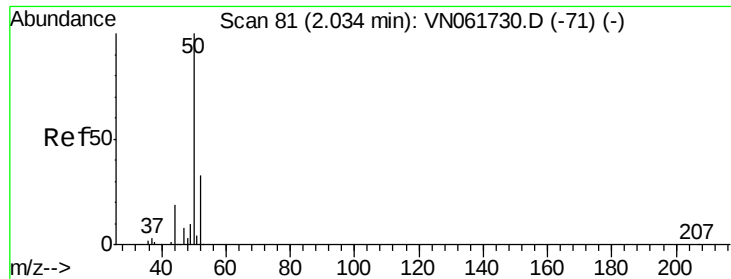
MMDadoda  
6/11/2020 12:44:44 PM



#2  
Dichlorodifluoromethane  
Concen: 19.099 ug/l  
RT: 1.83 min Scan# 18  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 33.0  | 15.7  | 47.1  |





#3

Chloromethane

Concen: 20.612 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 60296

Ion Ratio Lower Upper

50 100

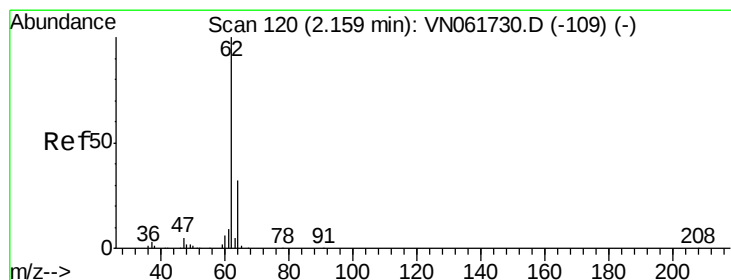
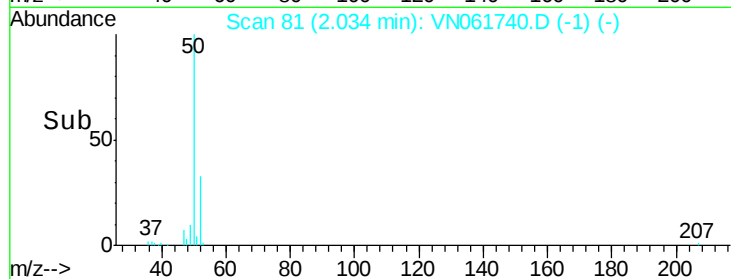
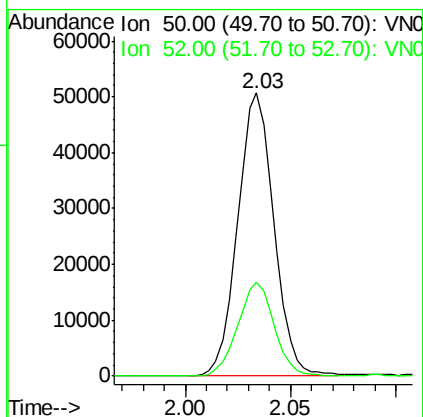
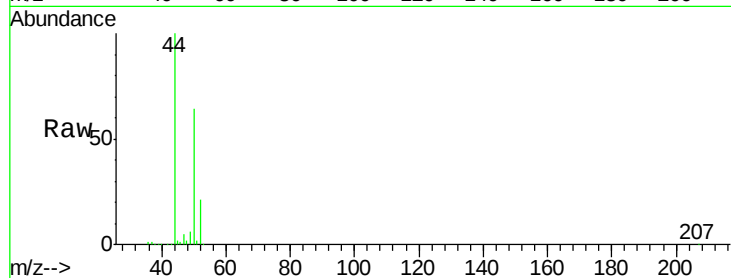
52 33.1 26.2 39.2

Manual Integrations

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6/11/2020 12:44:44 PM



#4

Vinyl Chloride

Concen: 20.130 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061740.D

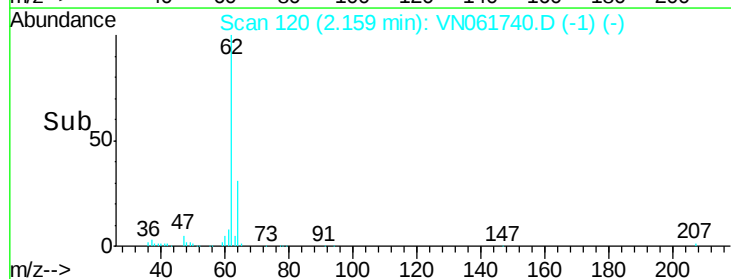
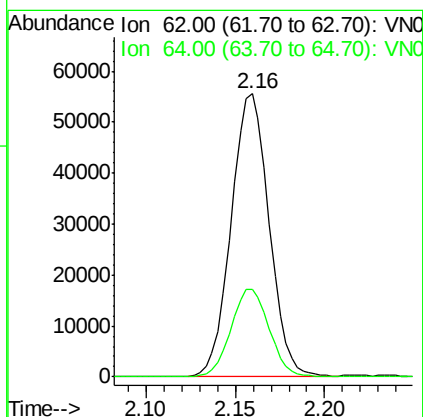
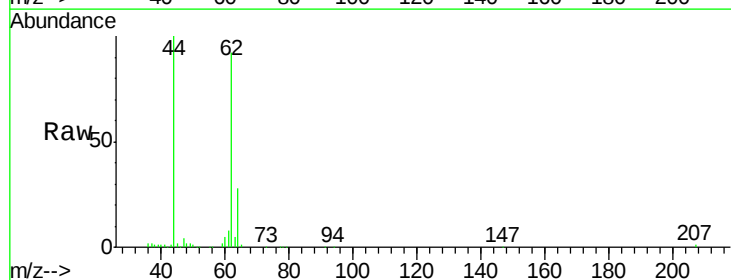
Acq: 10 Jun 2020 16:28

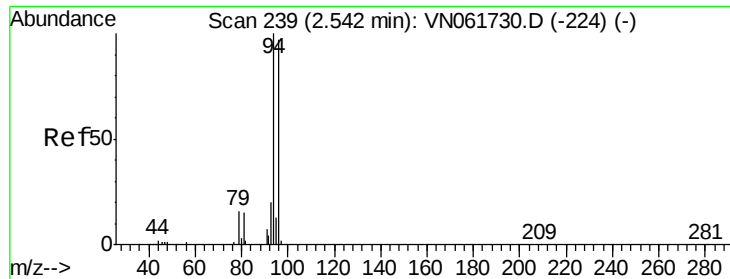
Tgt Ion: 62 Resp: 82174

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 20.826 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 55713

Ion Ratio Lower Upper

94 100

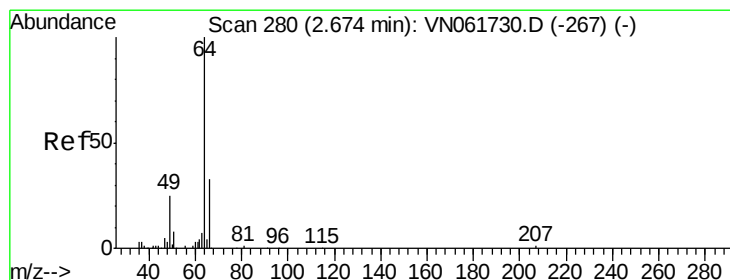
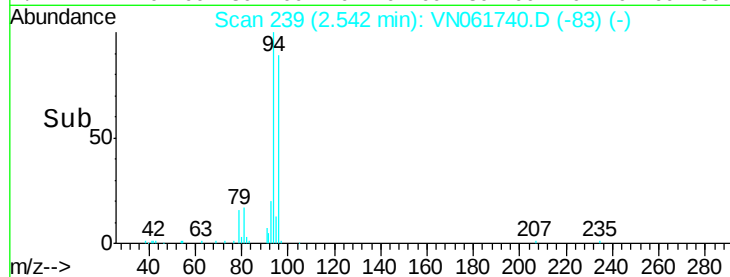
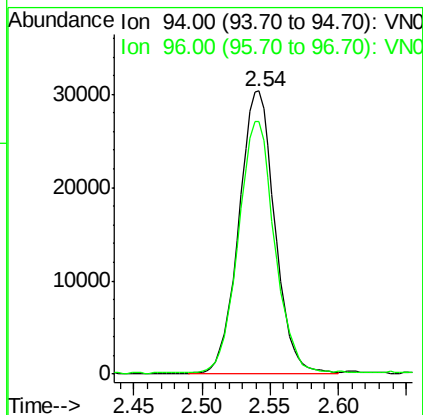
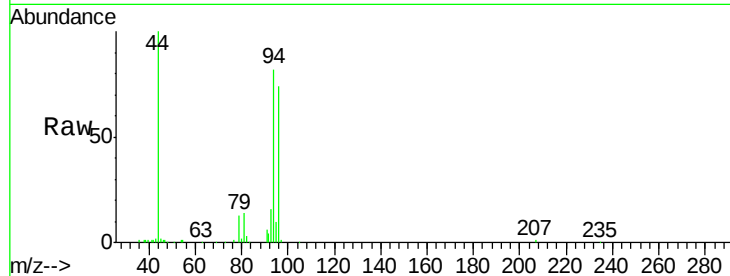
96 88.5 77.4 116.2

Manual Integrations

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#6

Chloroethane

Concen: 19.355 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061740.D

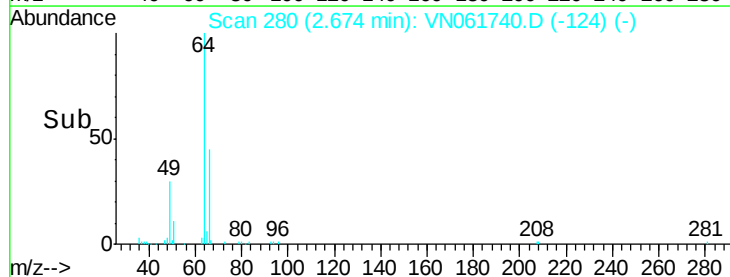
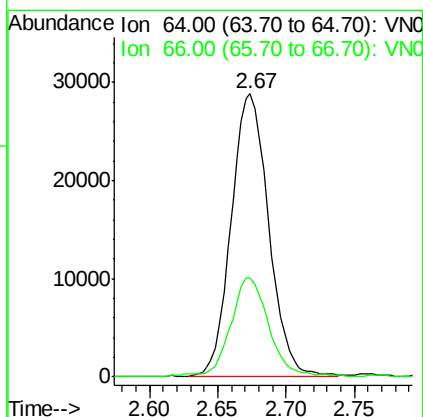
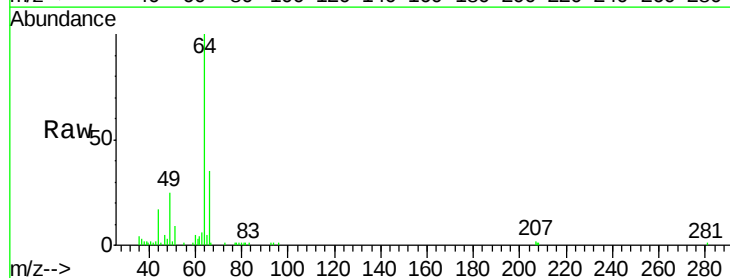
Acq: 10 Jun 2020 16:28

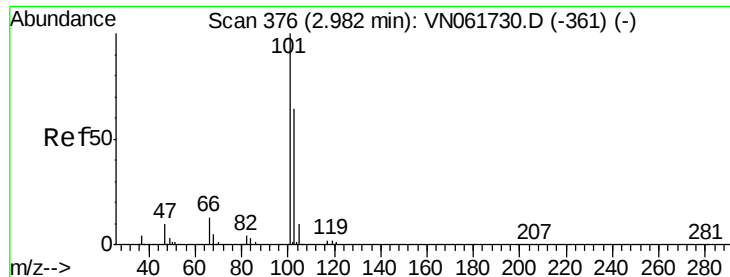
Tgt Ion: 64 Resp: 55234

Ion Ratio Lower Upper

64 100

66 34.6 26.6 39.8





#7

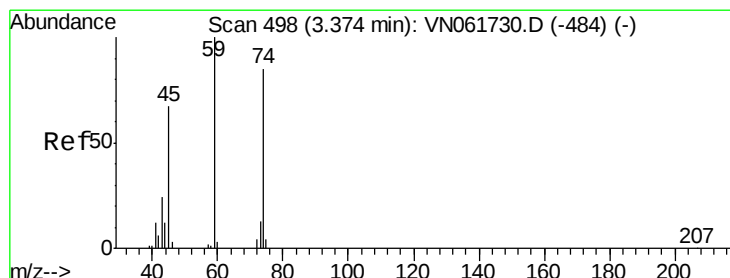
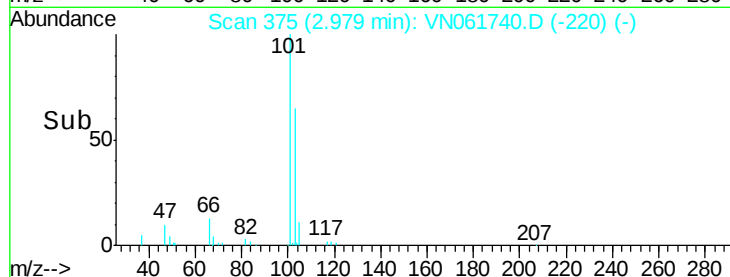
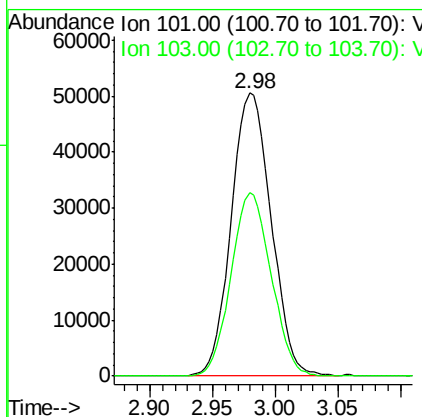
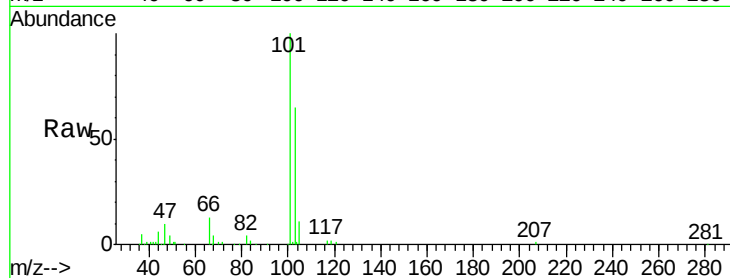
Trichlorofluoromethane  
Concen: 18.992 ug/l  
RT: 2.98 min Scan# 375  
Delta R.T. -0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 112194 |       |       |
| 103     | 65.0 | 51.1  | 76.7   |       |       |

Manual Integrations  
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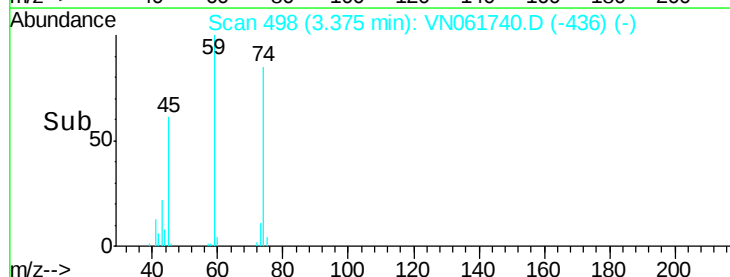
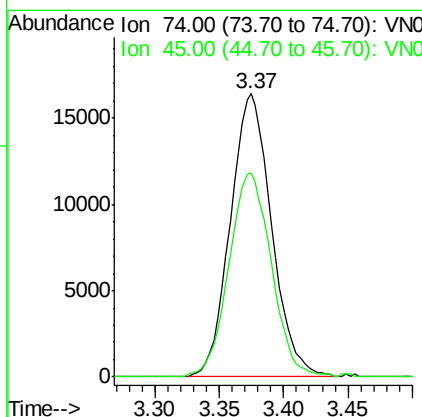
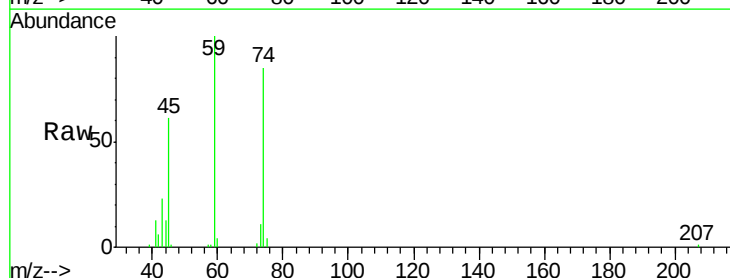
MMDadoda  
6/11/2020 12:44:44 PM

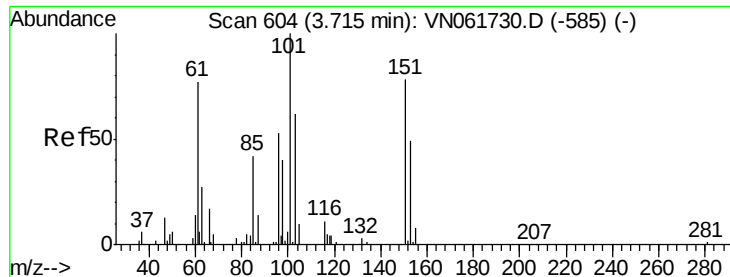


#8

Diethyl Ether  
Concen: 19.783 ug/l  
RT: 3.37 min Scan# 498  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 36455 |       |       |
| 45      | 73.8 | 15.4  | 138.4 |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.978 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

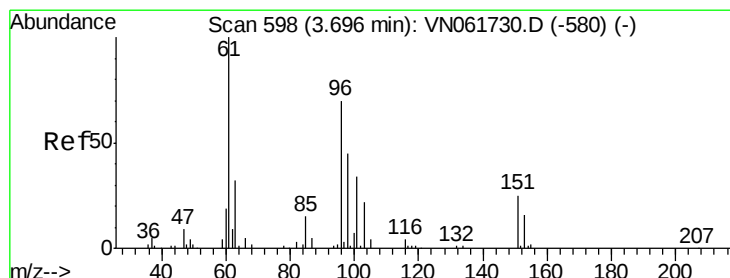
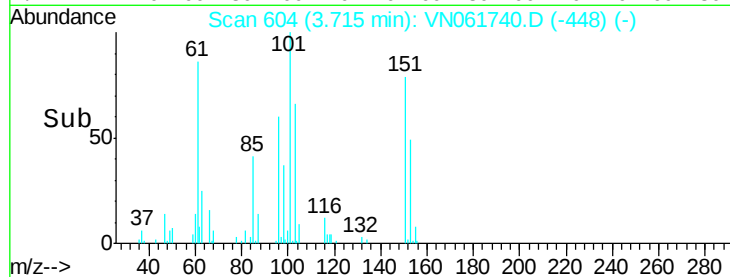
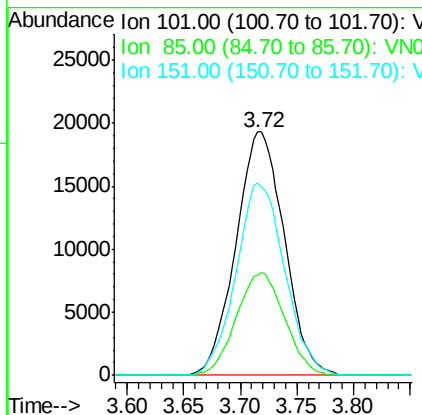
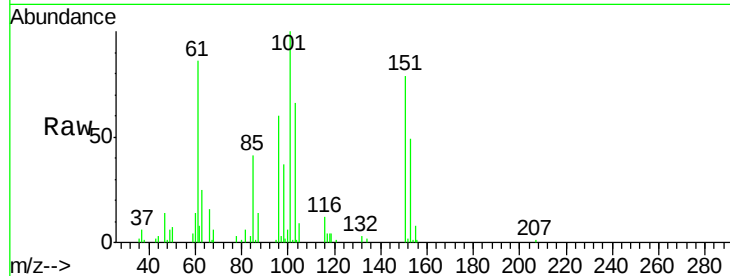
ClientSampleId :

VSTDCCC020EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 57339 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.0  | 0.0   | 84.8  |
| 151       | 79.6  | 0.0   | 159.0 |

Manual Integrations  
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#10

1,1-Dichloroethene

Concen: 18.912 ug/l

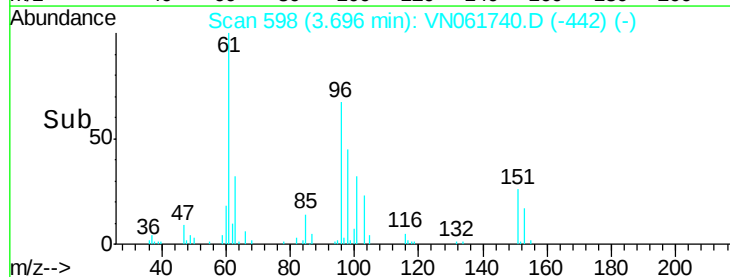
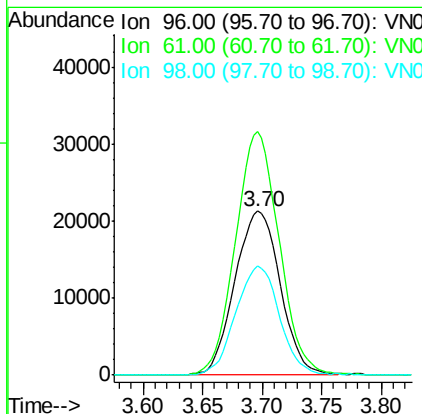
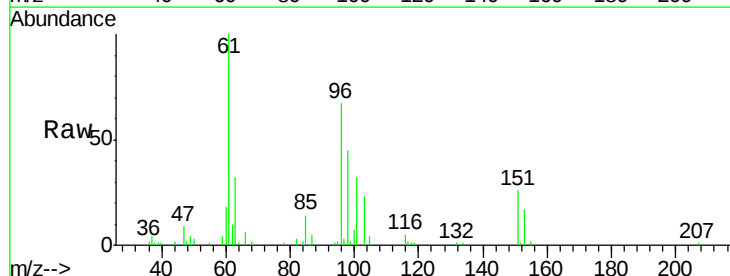
RT: 3.70 min Scan# 598

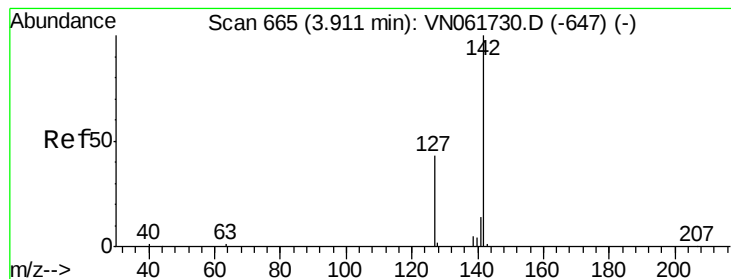
Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 56298 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 148.8 | 114.9 | 172.3 |
| 98        | 66.4  | 52.2  | 78.2  |





#11

Methvl Iodide

Concen: 18.924 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

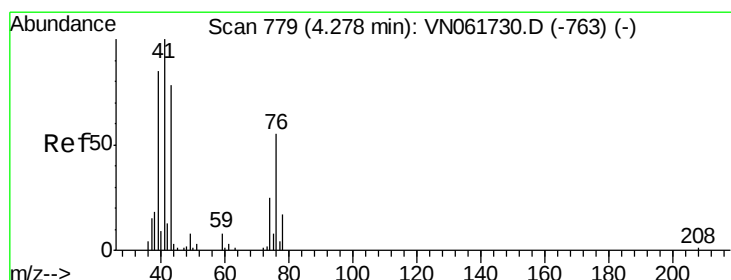
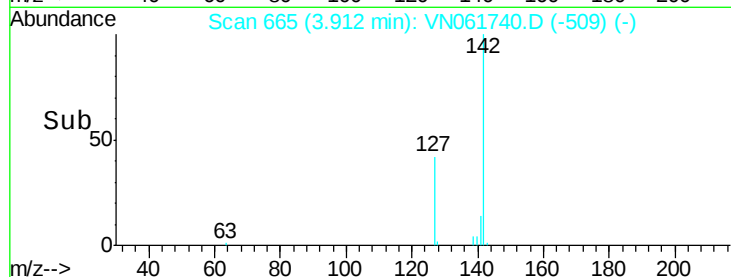
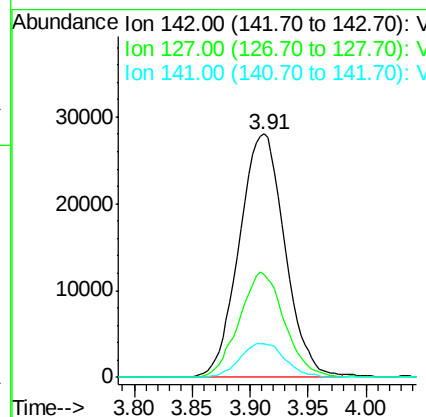
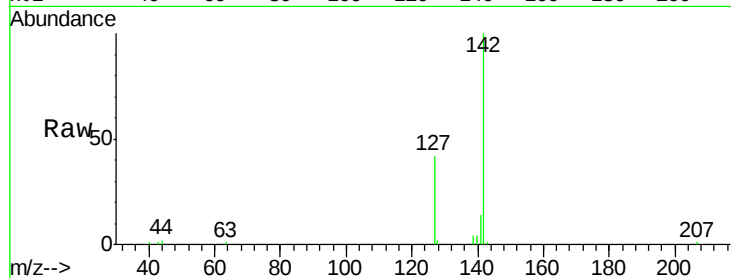
ClientSampleId :

VSTDCCC020EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 142   | Resp: | 76770 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 42.7  | 21.6  | 64.6  |
| 141      | 13.7  | 7.2   | 21.6  |

Manual Integrations  
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6/11/2020 12:44:44 PM



#12

Methyl Acetate

Concen: 19.244 ug/l

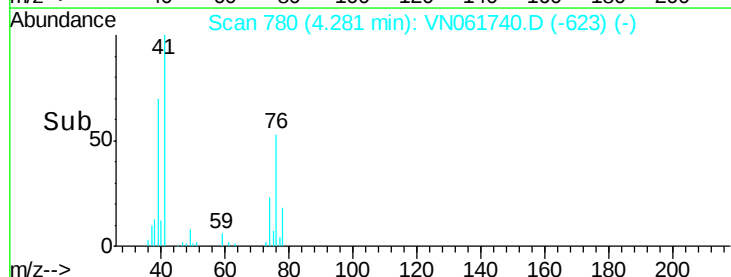
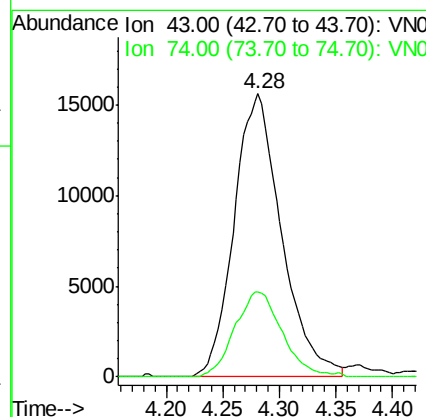
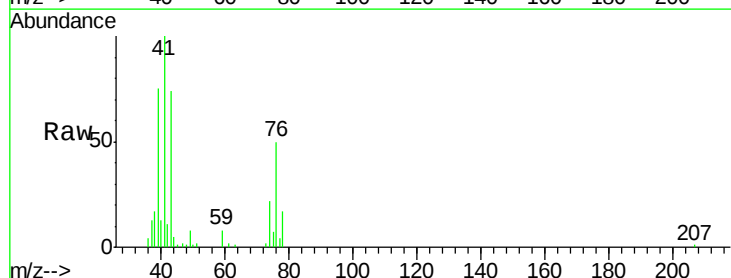
RT: 4.28 min Scan# 780

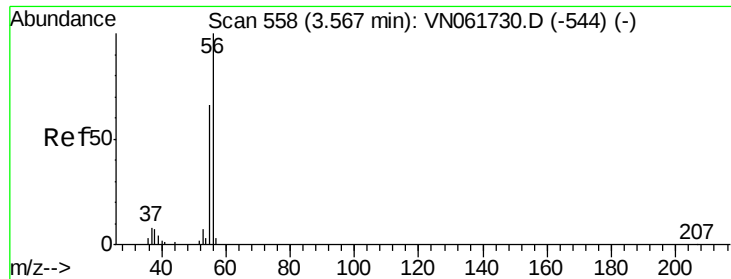
Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 45584 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 74       | 29.7  | 25.8  | 38.6  |





#13

Acrolein

Concen: 73.309 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 23236

Ion Ratio Lower Upper

56 100

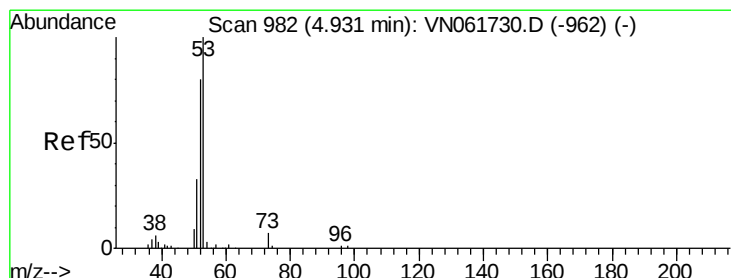
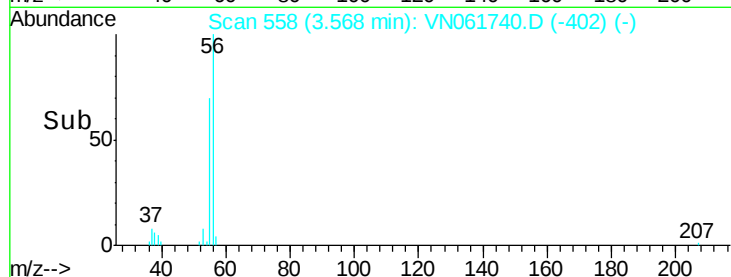
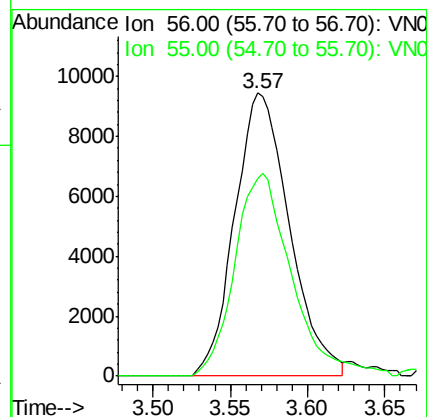
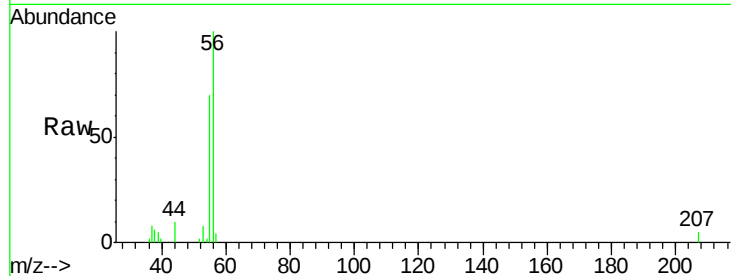
55 74.4 53.9 80.9

Manual Integrations

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#14

Acrylonitrile

Concen: 95.335 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

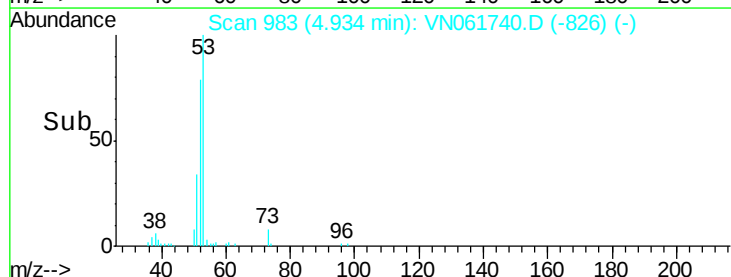
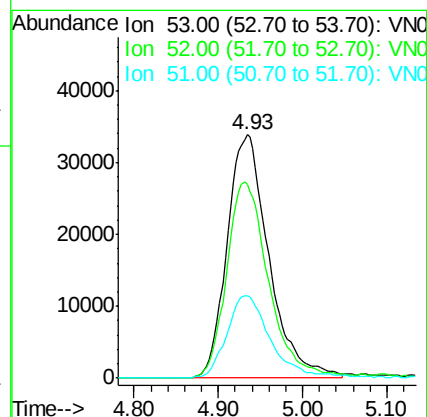
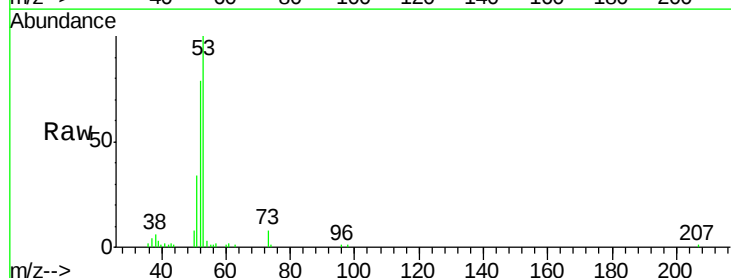
Tgt Ion: 53 Resp: 116549

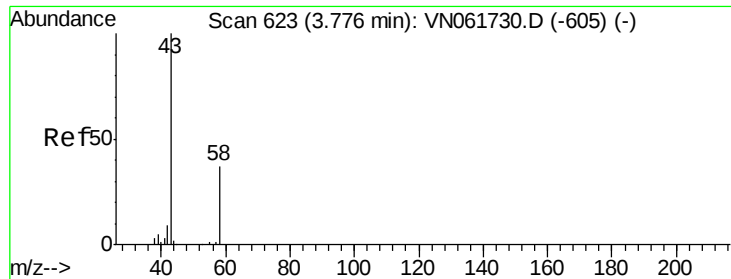
Ion Ratio Lower Upper

53 100

52 80.2 41.3 123.7

51 34.8 8.0 23.8#





#15

Acetone

Concen: 90.823 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 33203

Ion Ratio Lower Upper

58 100

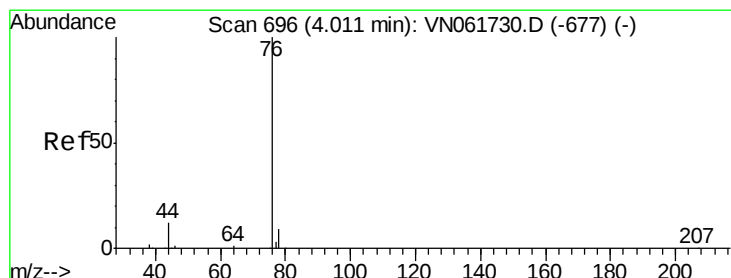
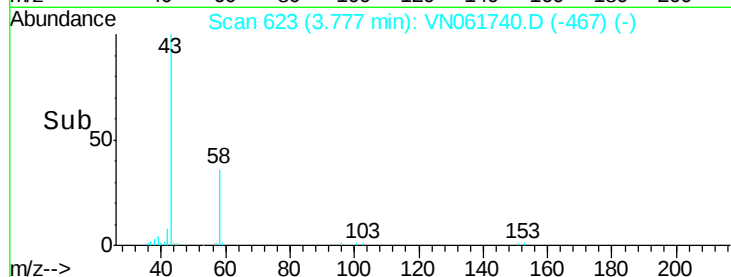
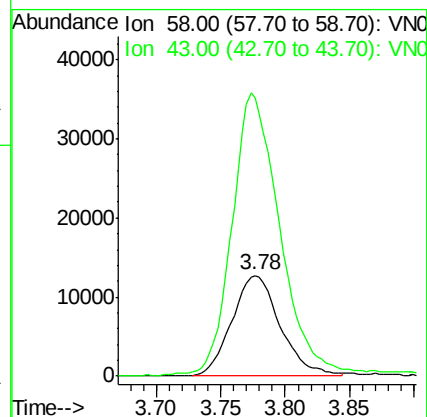
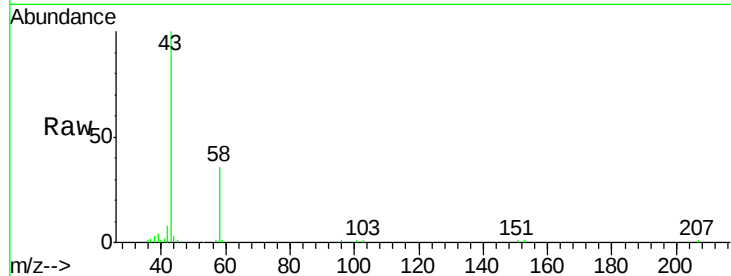
43 272.0 213.7 320.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 22.071 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061740.D

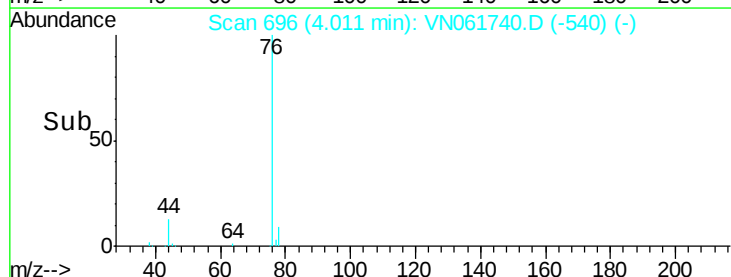
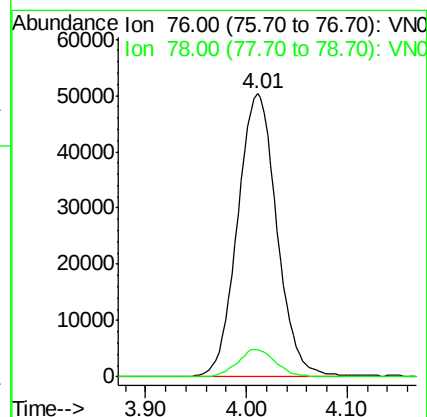
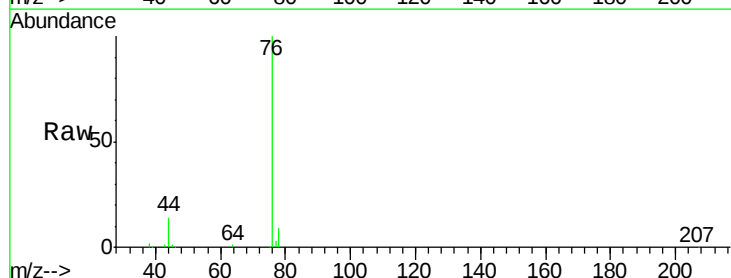
Acq: 10 Jun 2020 16:28

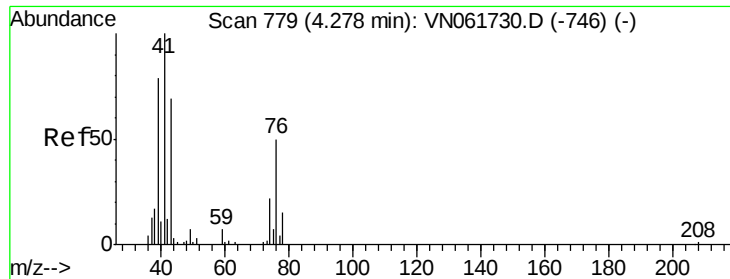
Tgt Ion: 76 Resp: 136076

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4





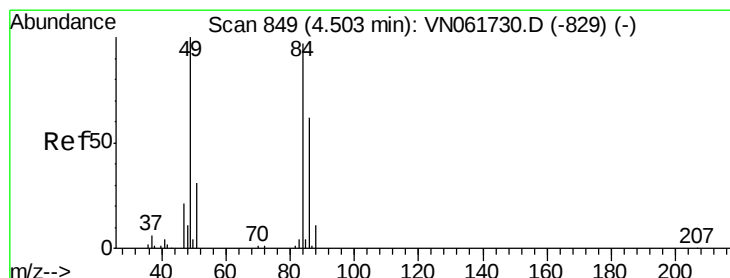
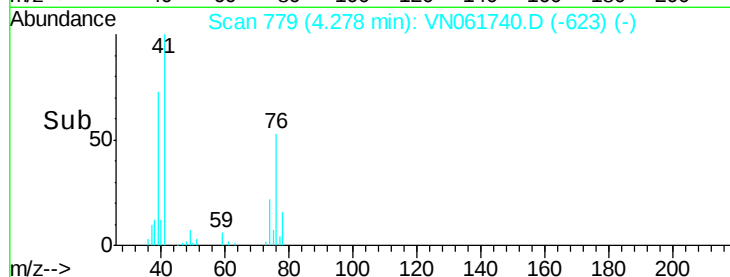
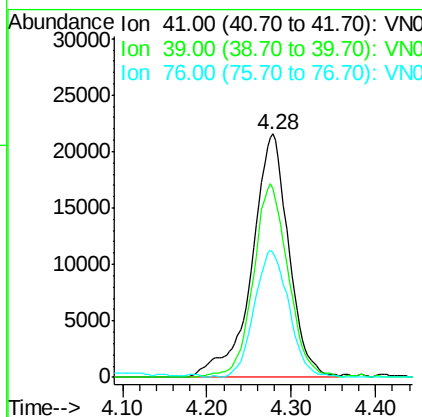
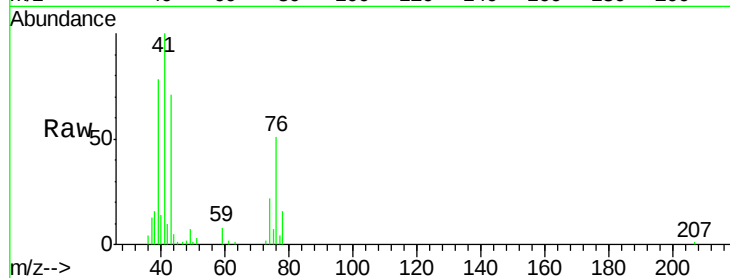
#17  
Allvl chloride  
Concen: 19.286 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 65398 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 77.6  | 39.5  | 118.5 |
| 76       | 50.6  | 24.9  | 74.7  |

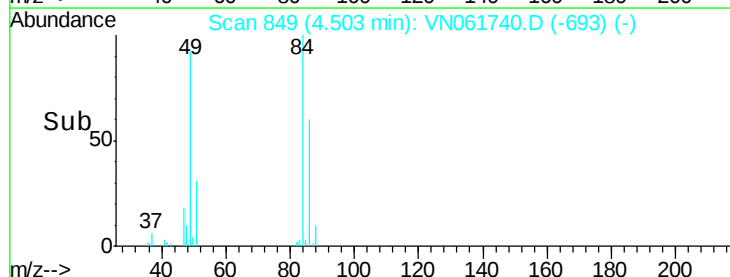
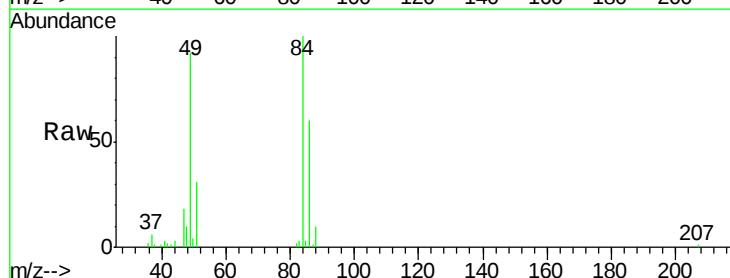
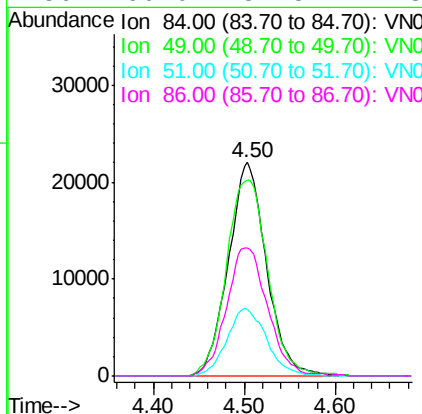
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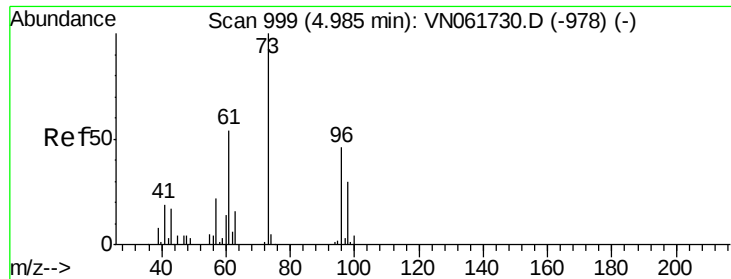
MMDadoda  
6/11/2020 12:44:44 PM



#18  
Methylene Chloride  
Concen: 18.757 ug/l  
RT: 4.50 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 64074 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 92.0  | 82.6  | 124.0 |
| 51       | 31.1  | 25.4  | 38.0  |
| 86       | 60.0  | 51.5  | 77.3  |





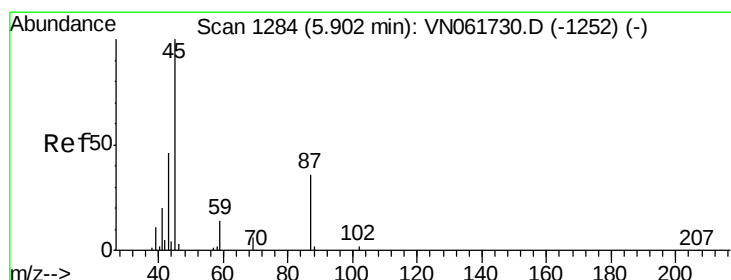
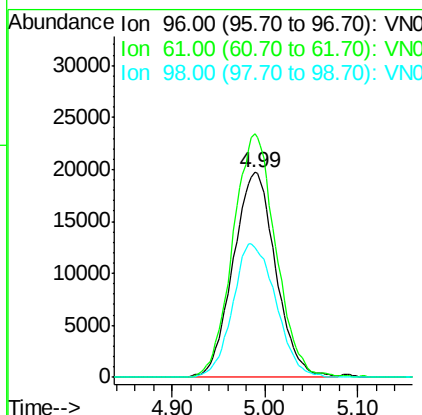
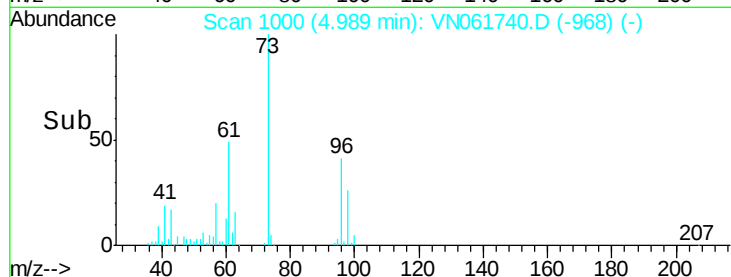
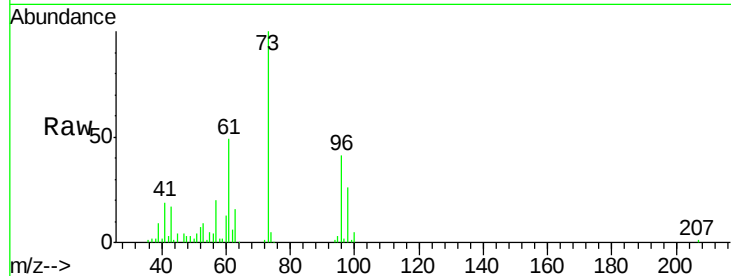
#19  
trans-1,2-Dichloroethene  
Concen: 18.997 ug/l  
RT: 4.99 min Scan# 1000  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 118.9 | 95.4  | 143.0 |
| 98      | 63.6  | 52.6  | 79.0  |

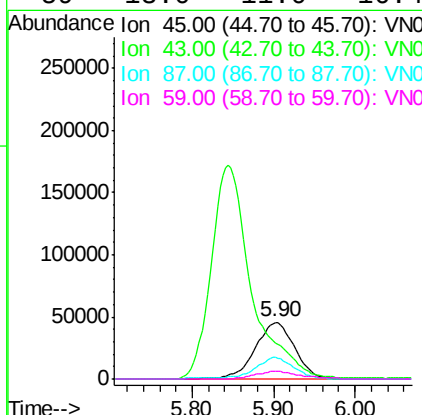
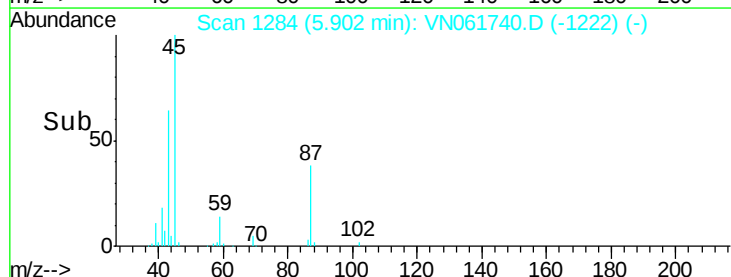
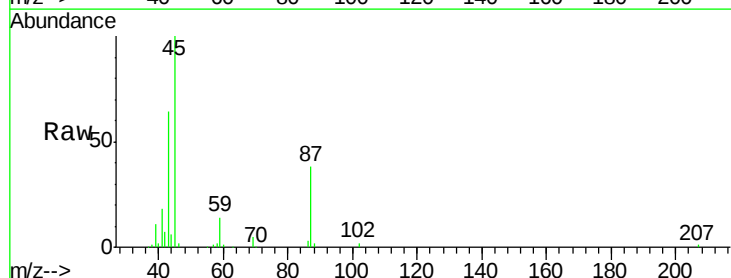
Manual Integrations  
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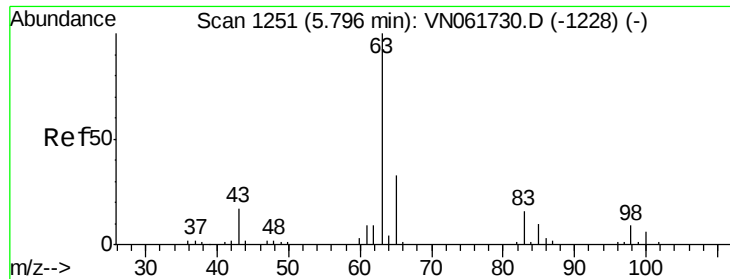
MMDadoda  
6/11/2020 12:44:44 PM



#20  
Diisopropyl ether  
Concen: 19.083 ug/l  
RT: 5.90 min Scan# 1284  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 61.2  | 50.7  | 76.1  |
| 87      | 37.9  | 30.1  | 45.1  |
| 59      | 13.0  | 11.0  | 16.4  |





#21

1,1-Dichloroethane

Concen: 18.979 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

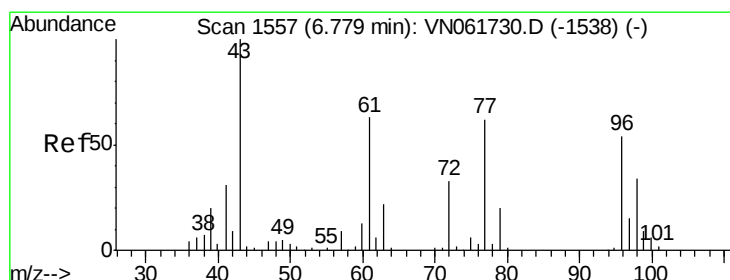
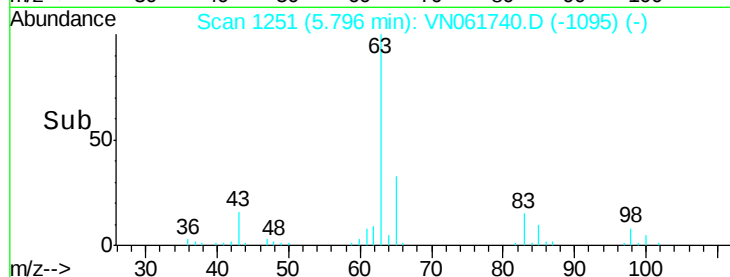
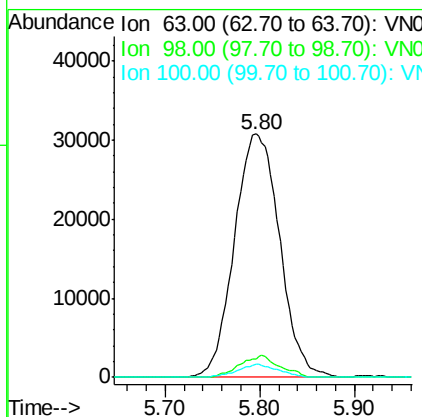
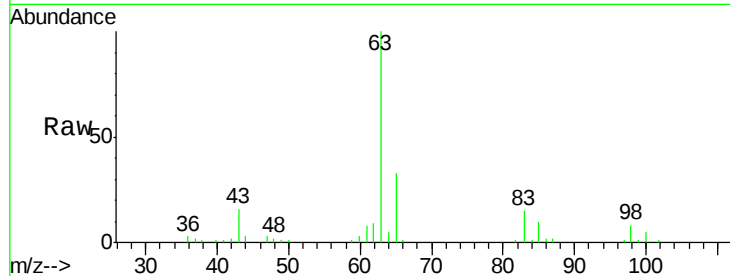
ClientSampleId :

VSTDCCC020EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 102227 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 7.8   | 4.5   | 13.7   |
| 100       | 5.2   | 2.9   | 8.7    |

Manual Integrations  
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6/11/2020 12:44:44 PM



#22

cis-1,2-Dichloroethene

Concen: 18.801 ug/l

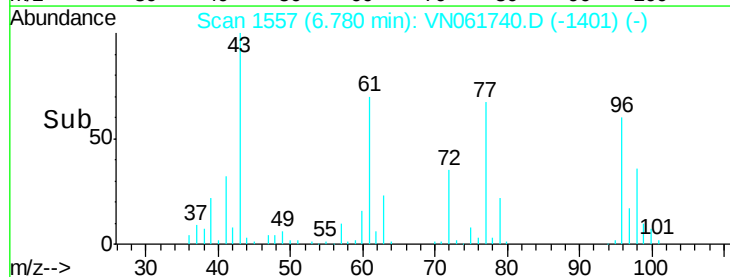
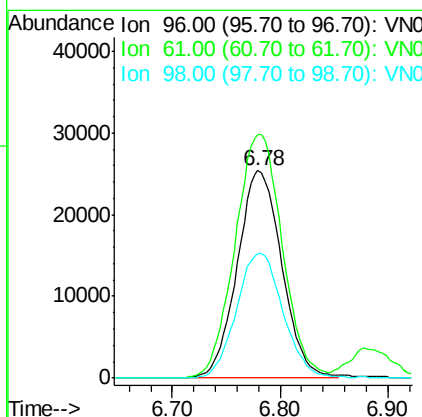
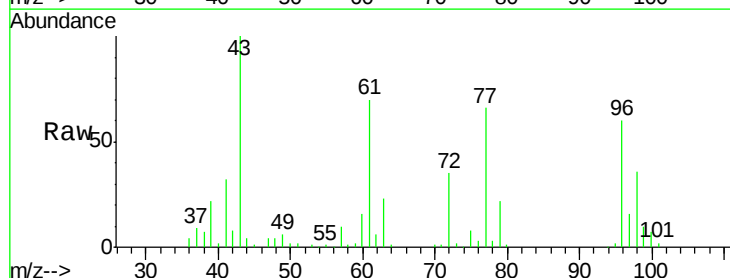
RT: 6.78 min Scan# 1557

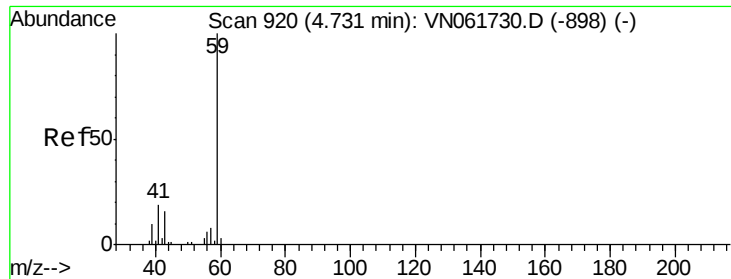
Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 72997 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 124.3 | 100.6 | 151.0 |
| 98        | 62.5  | 52.6  | 79.0  |





#23

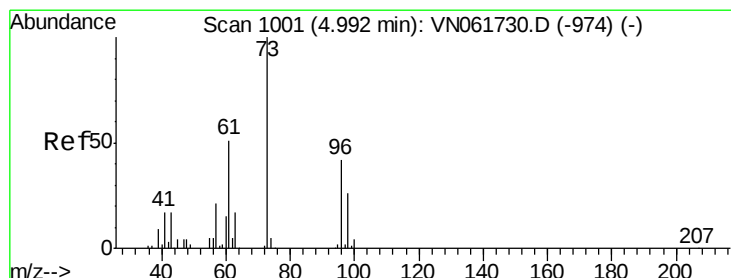
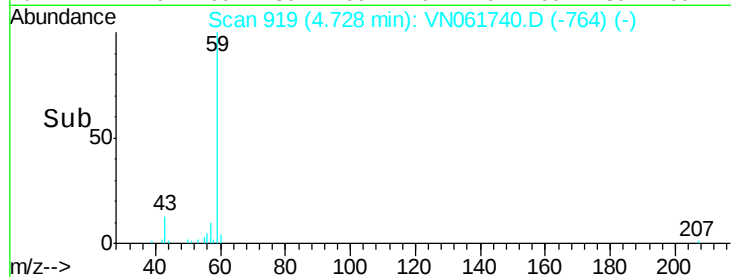
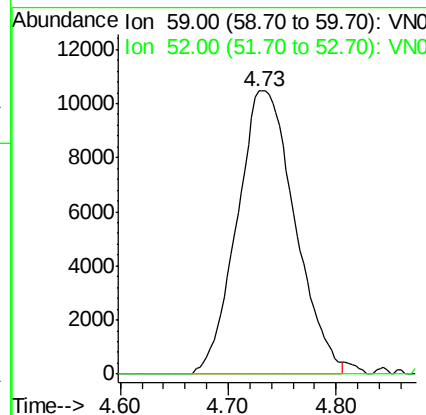
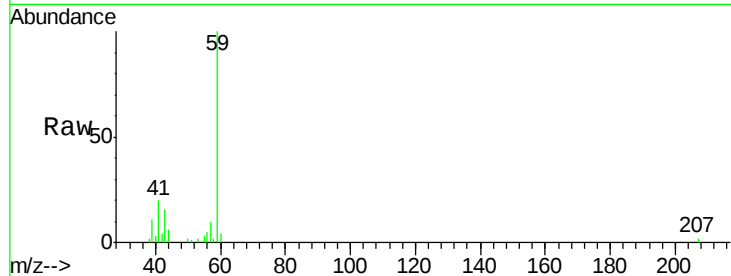
tert-Butyl Alcohol  
Concen: 82.403 ug/l  
RT: 4.73 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 59      | 59  | 100   | 38957 |       |       |
| 52      | 52  | 0.0   |       | 0.0   | 0.0   |

Manual Integrations  
APPROVED

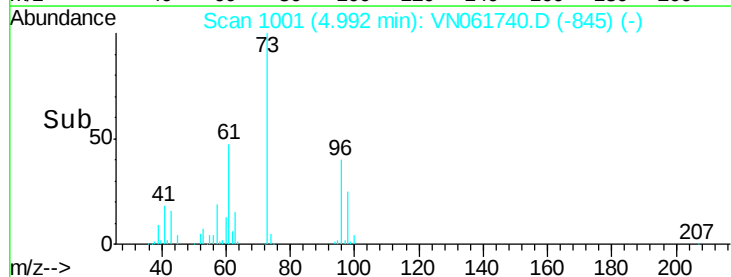
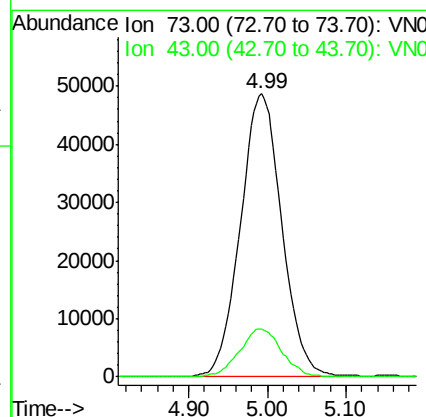
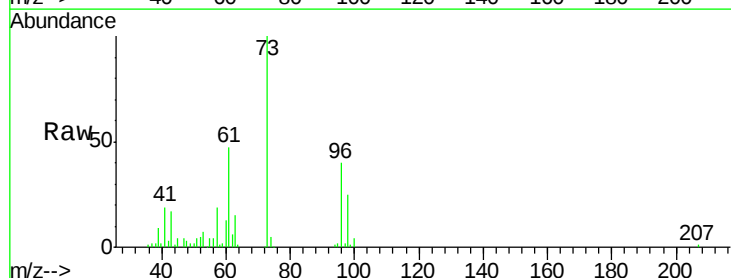
MMDadoda  
6/11/2020 12:44:44 PM

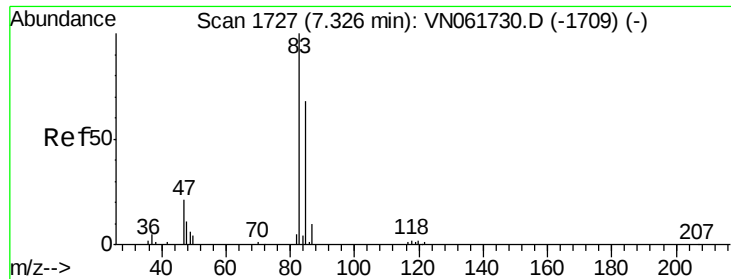


#24

Methyl tert-Butyl Ether  
Concen: 18.984 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 73      | 73  | 100   | 180148 |       |       |
| 43      | 43  | 17.2  |        | 7.0   | 10.4  |





#25

Chloroform

Concen: 18.965 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 115722

Ion Ratio Lower Upper

83 100

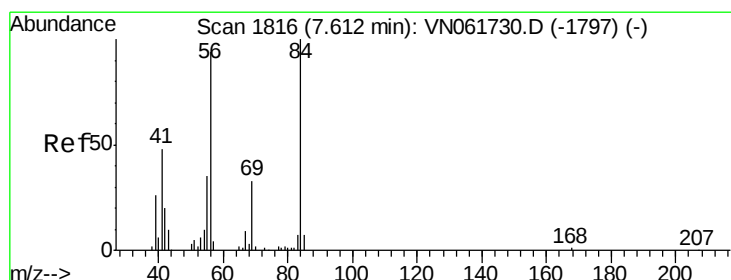
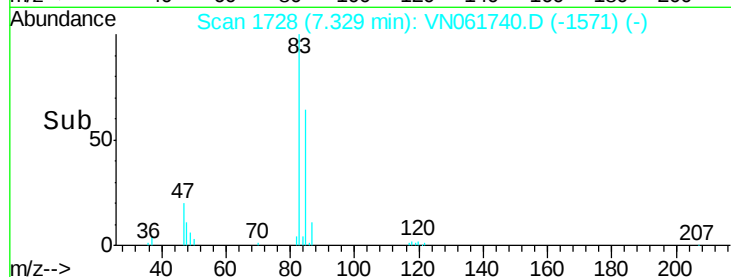
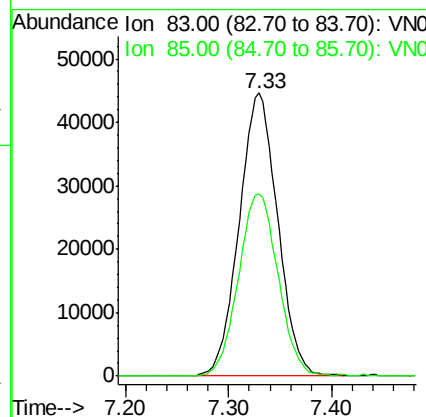
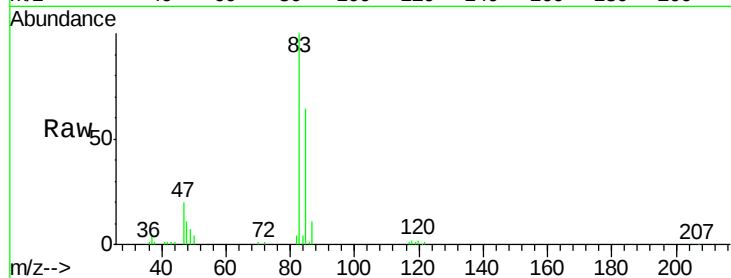
85 64.2 54.2 81.4

Manual Integrations

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MMDadoda

6/11/2020 12:44:44 PM



#26

Cyclohexane

Concen: 19.602 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

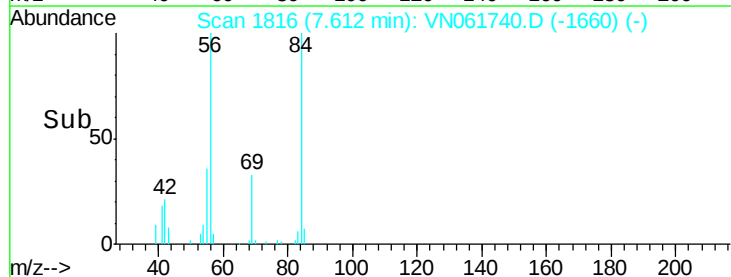
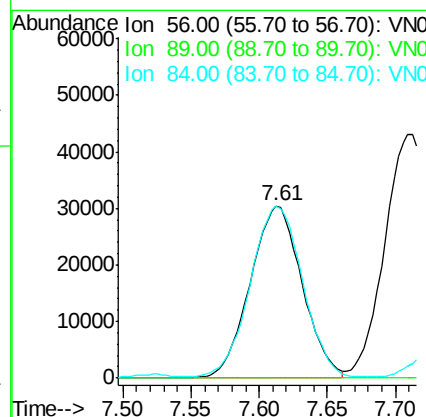
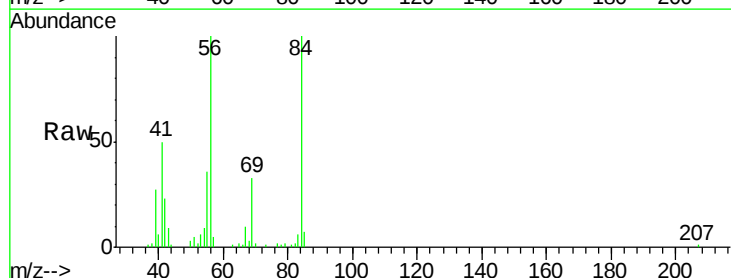
Tgt Ion: 56 Resp: 80625

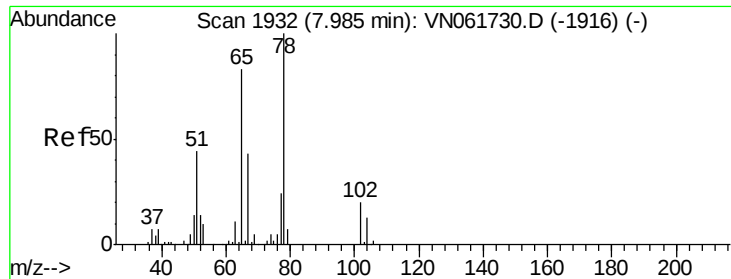
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 101.6 83.5 125.3





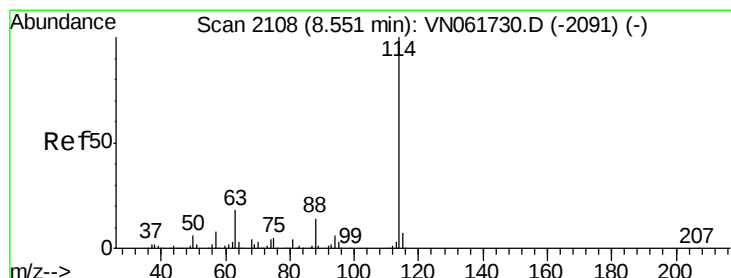
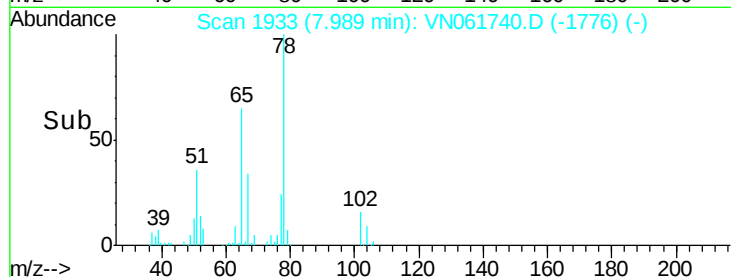
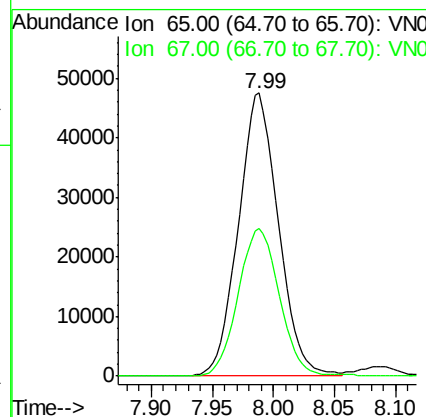
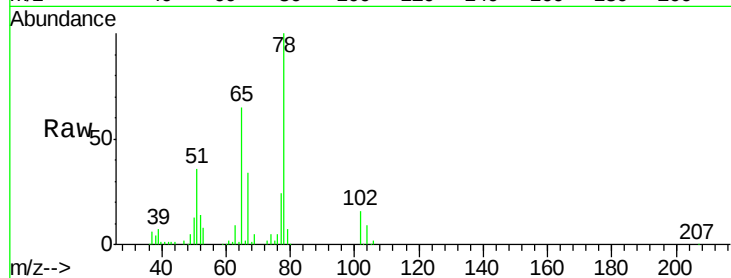
#27  
 1,2-Dichloroethane-d4  
 Concen: 29.194 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.6  | 42.2  | 63.4  |

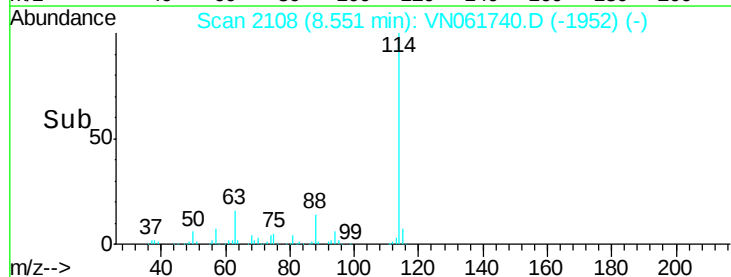
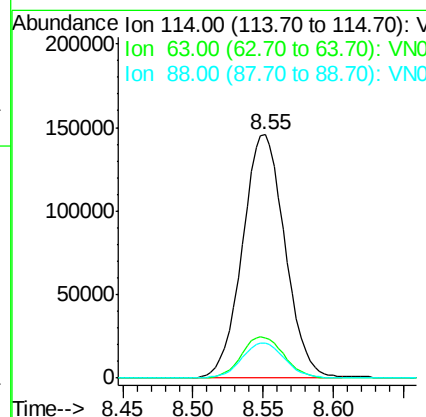
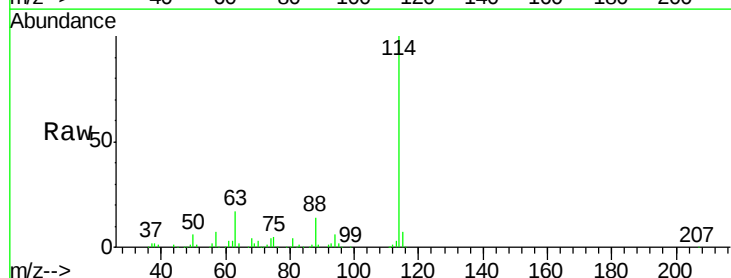
Manual Integrations  
 APPROVED

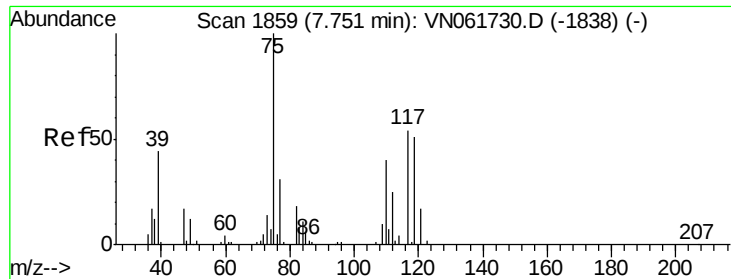
MMDadoda  
 6/11/2020 12:44:44 PM



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.1  | 14.2  | 21.2  |
| 88      | 14.7  | 11.4  | 17.2  |





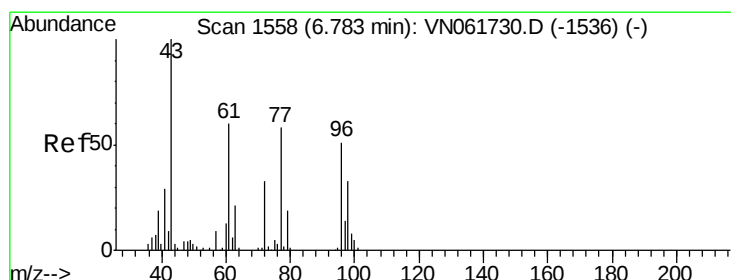
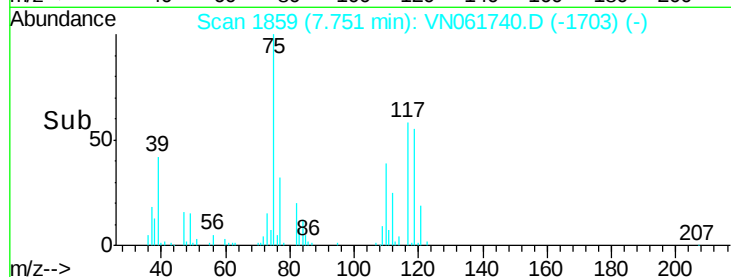
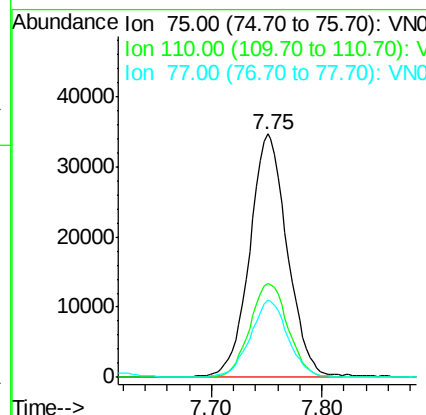
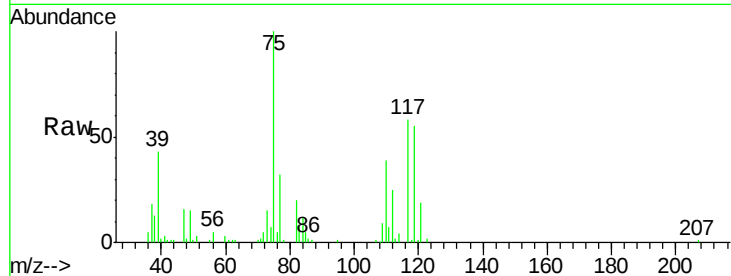
#29  
 1,1-Dichloropropene  
 Concen: 19.809 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.9  | 0.0   | 78.6  |
| 77      | 31.7  | 0.0   | 62.4  |

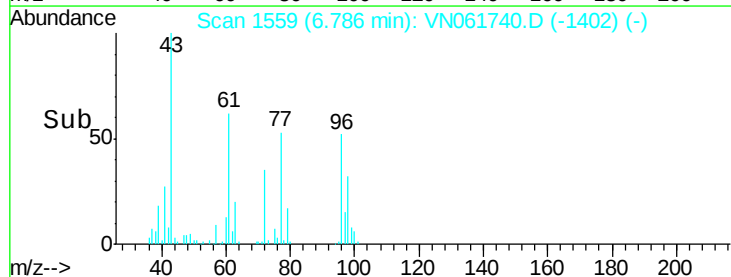
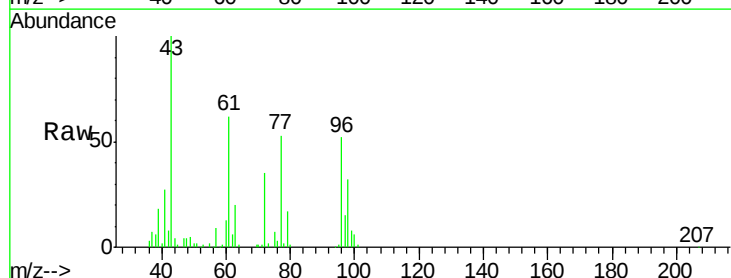
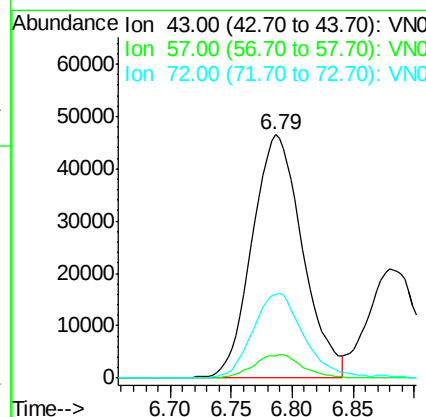
Manual Integrations  
 APPROVED

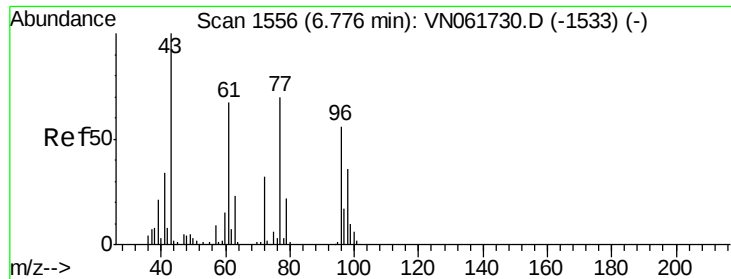
MMDadoda  
 6/11/2020 12:44:44 PM



#30  
 2-Butanone  
 Concen: 93.431 ug/l  
 RT: 6.79 min Scan# 1559  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 9.4   | 7.6   | 11.4  |
| 72      | 35.1  | 27.8  | 41.6  |





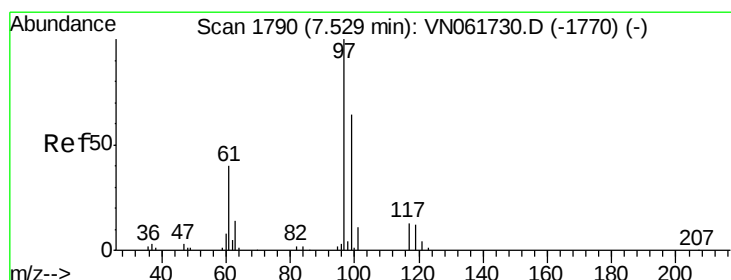
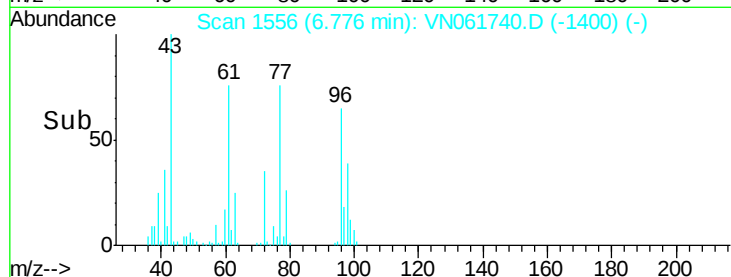
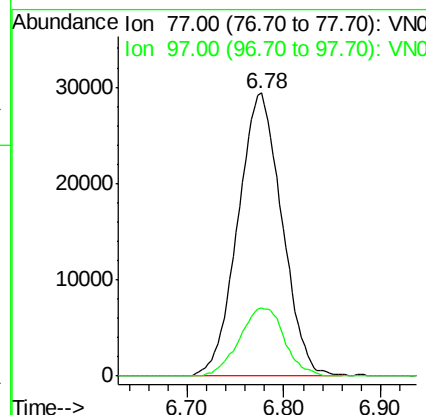
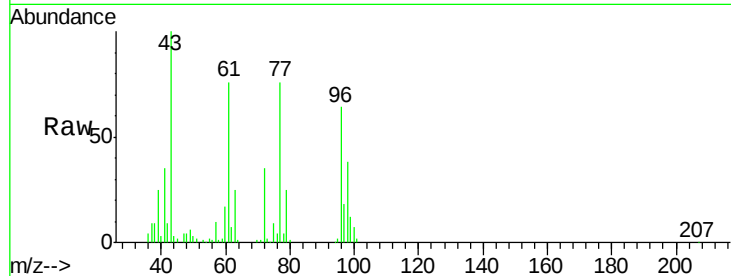
#31  
 2,2-Dichloropropane  
 Concen: 19.203 ug/l  
 RT: 6.78 min Scan# 1556  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 24.5  | 19.6  | 29.4  |

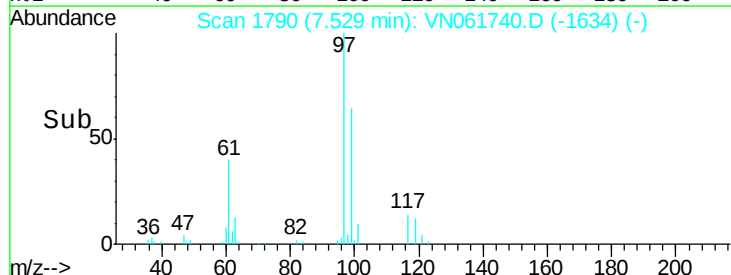
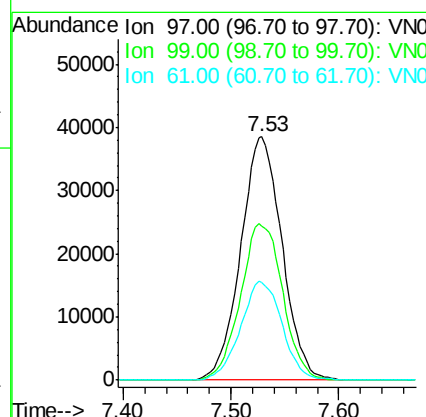
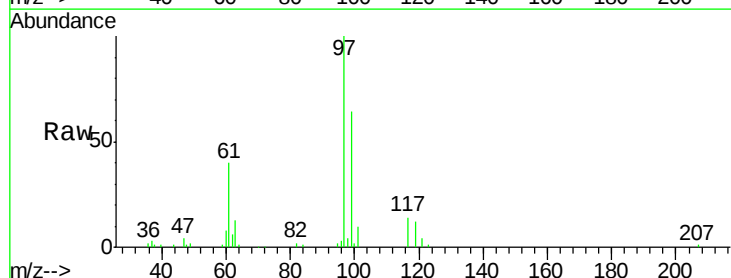
Manual Integrations  
 APPROVED

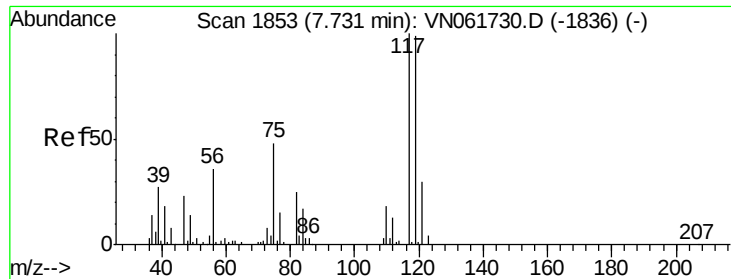
MMDadoda  
 6/11/2020 12:44:44 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 19.459 ug/l  
 RT: 7.53 min Scan# 1790  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.5  | 51.9  | 77.9  |
| 61      | 40.7  | 32.3  | 48.5  |





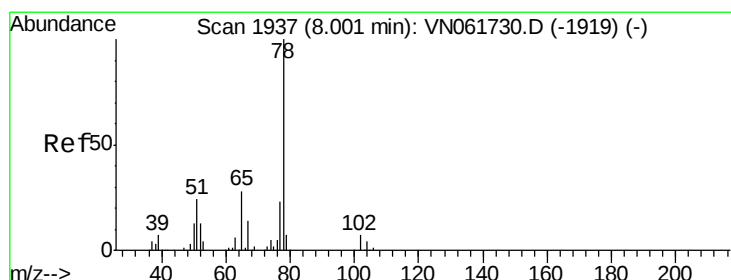
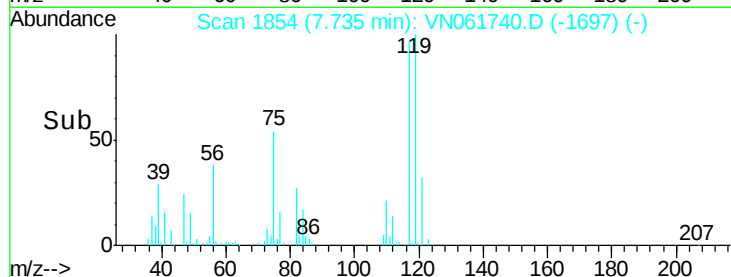
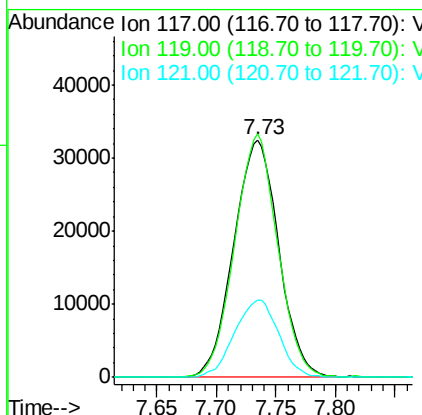
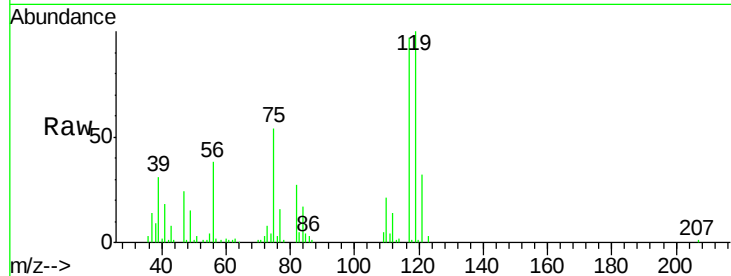
#33  
Carbon Tetrachloride  
Concen: 19.780 ug/l  
RT: 7.73 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 102.6 | 79.3  | 118.9 |
| 121     | 32.5  | 24.2  | 36.4  |

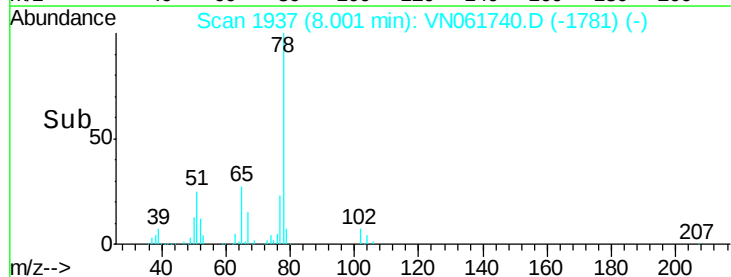
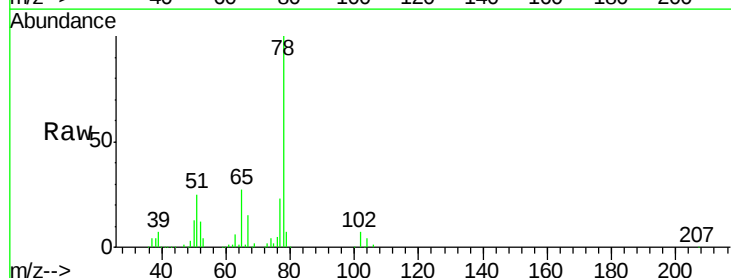
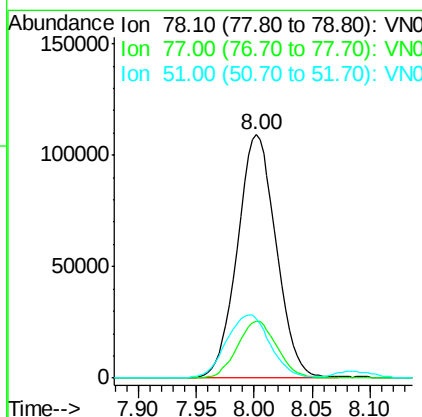
Manual Integrations  
APPROVED

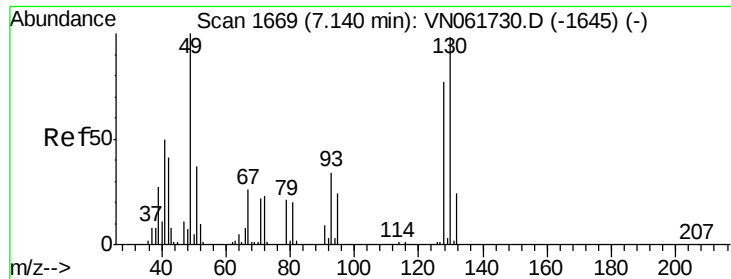
MMDadoda  
6/11/2020 12:44:44 PM



#34  
Benzene  
Concen: 19.757 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 18.4  | 27.6  |
| 51      | 24.3  | 19.1  | 28.7  |





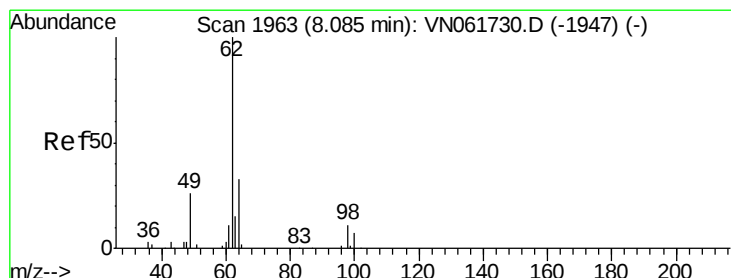
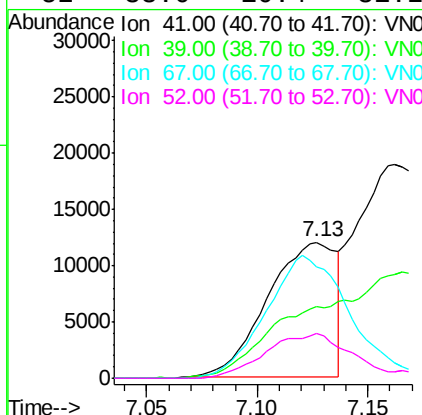
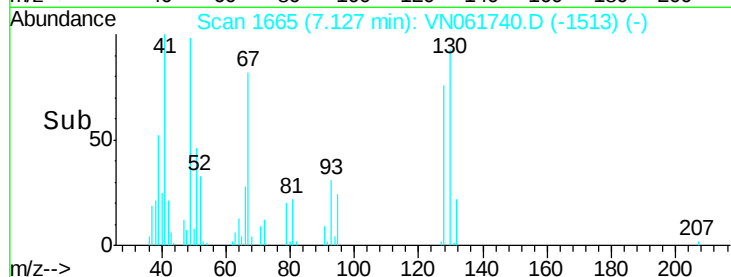
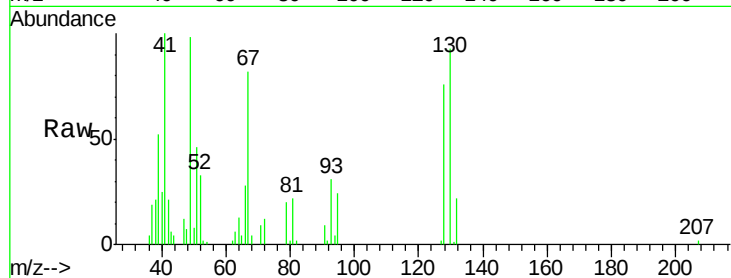
#35  
Methacrylonitrile  
Concen: 19.326 ug/l  
RT: 7.13 min Scan# 1665  
Delta R.T. -0.01 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 51.8  | 26.5  | 79.5  |
| 67      | 83.3  | 25.4  | 76.2# |
| 52      | 33.0  | 10.4  | 31.2# |

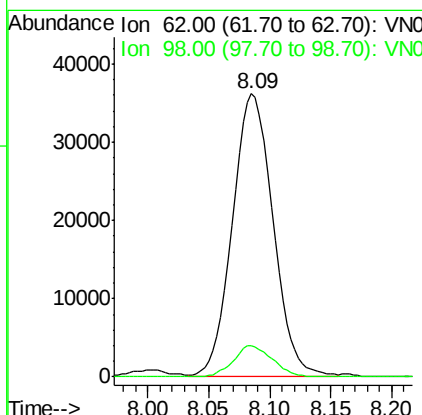
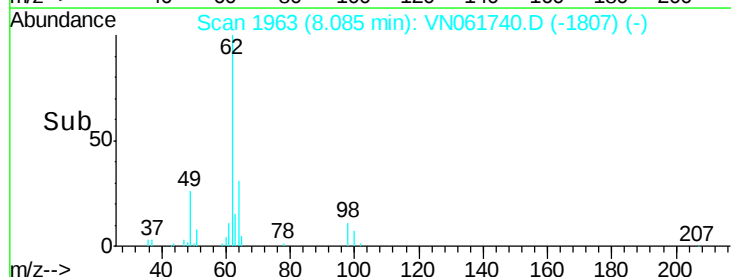
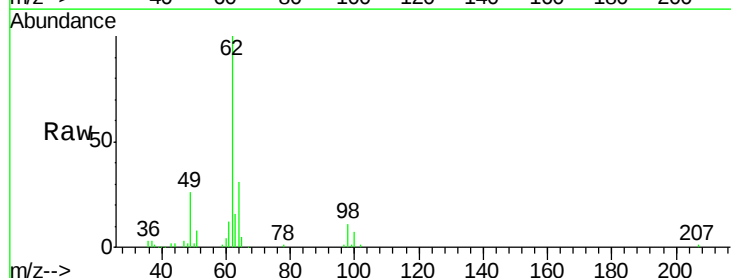
Manual Integrations  
APPROVED

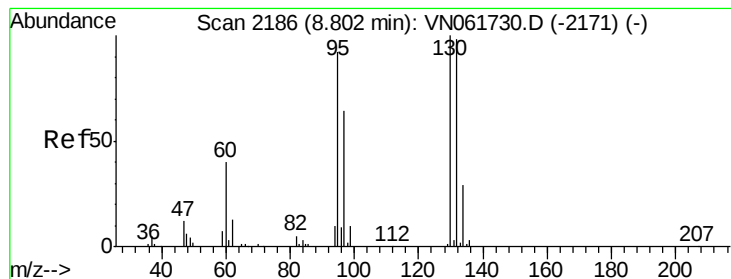
MMDadoda  
6/11/2020 12:44:44 PM



#36  
1,2-Dichloroethane  
Concen: 20.149 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.5  | 9.4   | 14.2  |





#37

Trichloroethene

Concen: 19.097 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 76759

Ion Ratio Lower Upper

130 100

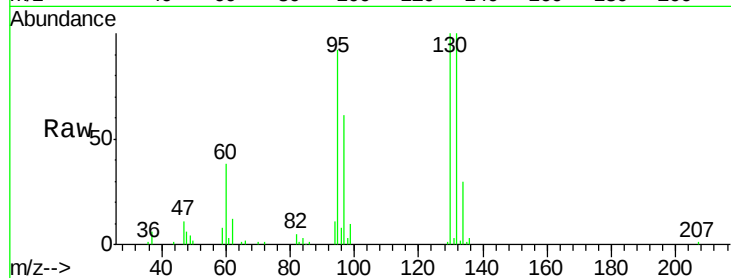
95 92.1 73.9 110.9

Manual Integrations

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MMDadoda

6/11/2020 12:44:44 PM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

40000

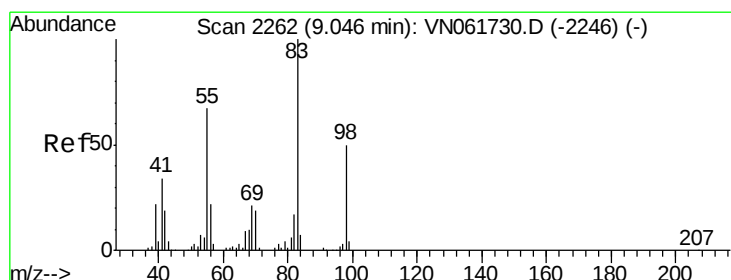
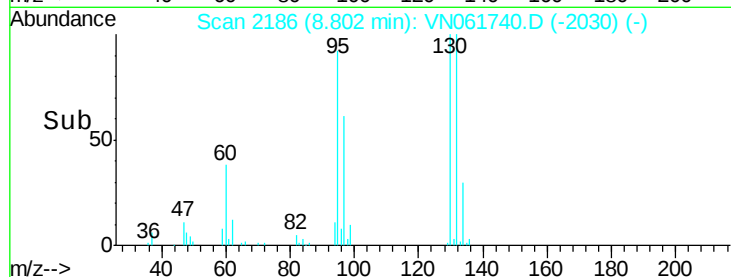
30000

20000

10000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 19.566 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

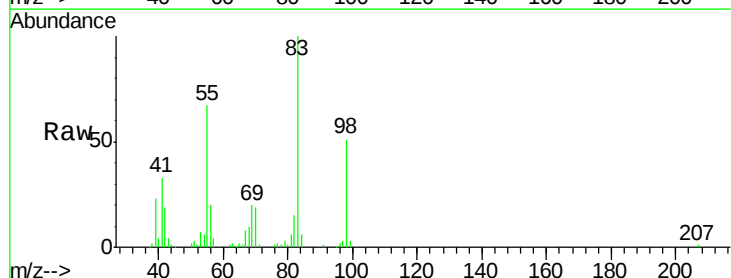
Tgt Ion: 83 Resp: 90528

Ion Ratio Lower Upper

83 100

55 66.8 32.7 98.1

98 51.2 25.4 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

60000

50000

40000

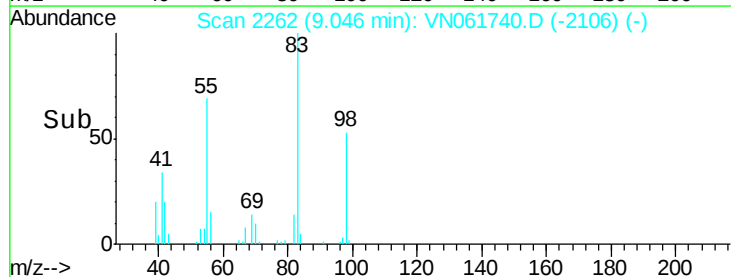
30000

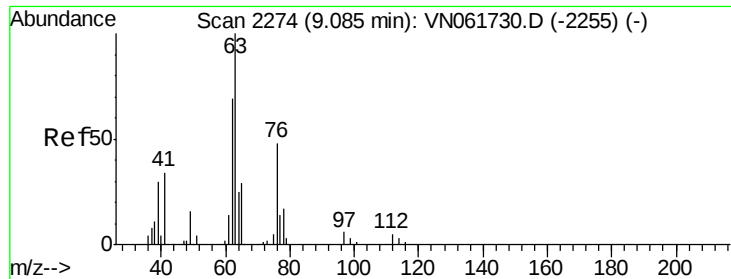
20000

10000

0

Time--> 8.95 9.00 9.05 9.10





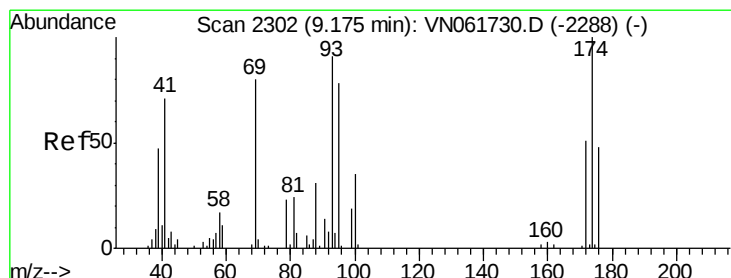
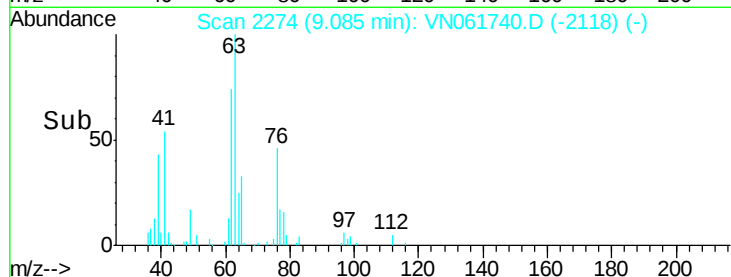
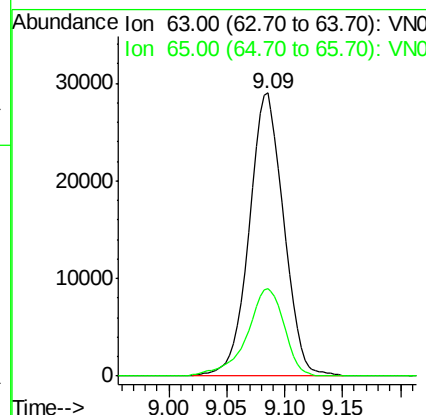
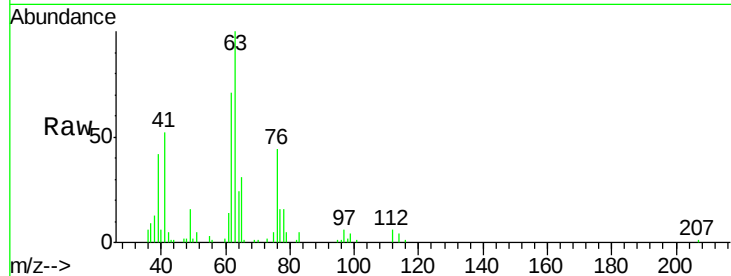
#39  
 1,2-Dichloropropane  
 Concen: 19.542 ug/l  
 RT: 9.09 min Scan# 2274  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.0  | 24.3  | 36.5  |

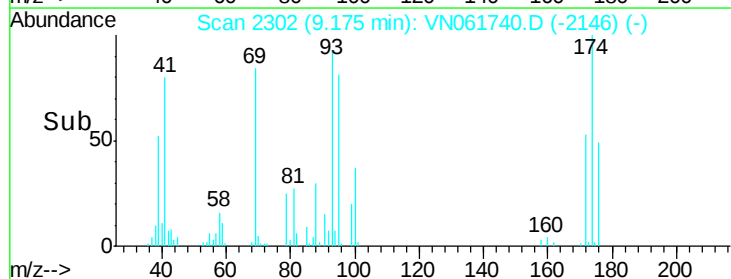
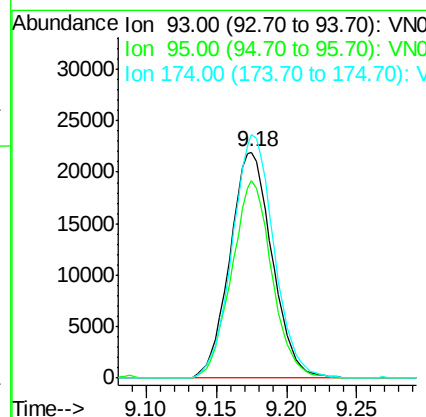
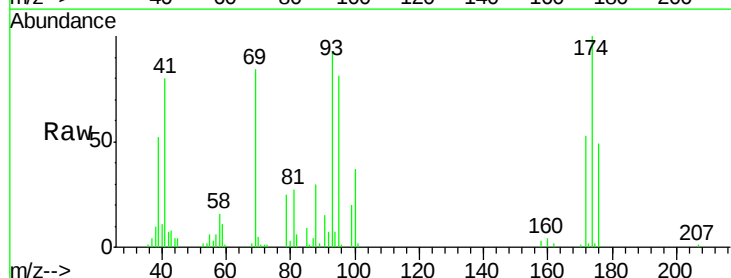
Manual Integrations  
 APPROVED

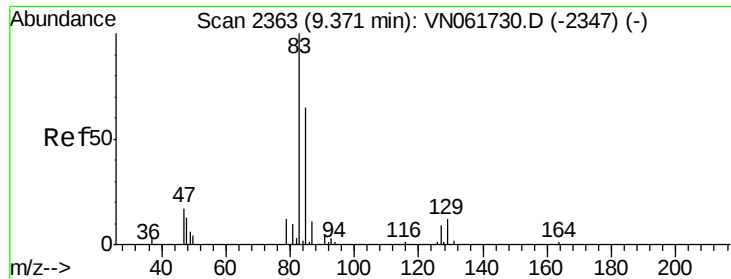
MMDadoda  
 6/11/2020 12:44:44 PM



#40  
 Dibromomethane  
 Concen: 19.823 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.2  | 0.0   | 165.8 |
| 174     | 106.5 | 0.0   | 217.8 |





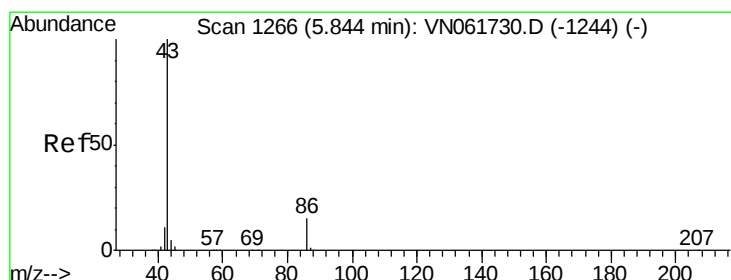
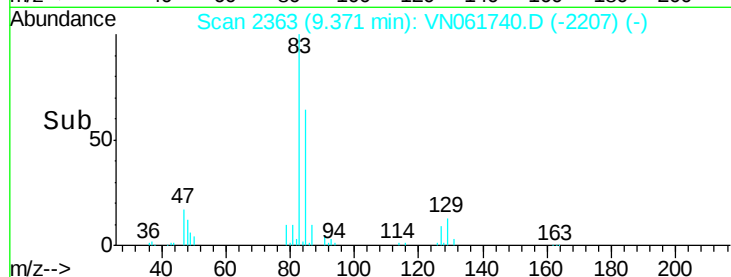
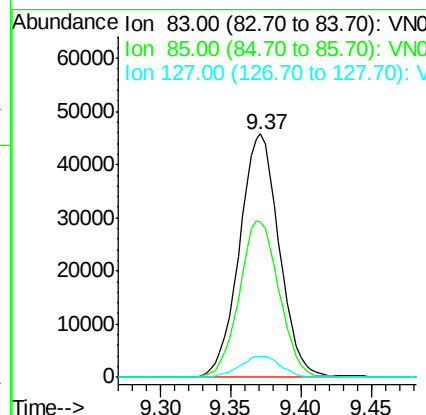
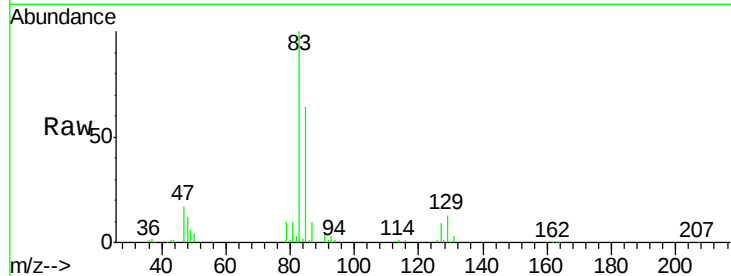
#41  
Bromodichloromethane  
Concen: 19.232 ug/l  
RT: 9.37 min Scan# 2363  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.9  | 52.2  | 78.4  |
| 127     | 8.8   | 7.2   | 10.8  |

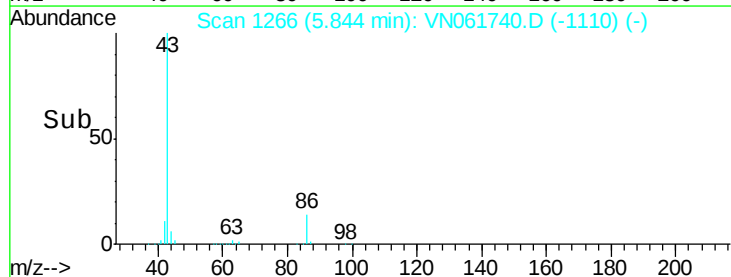
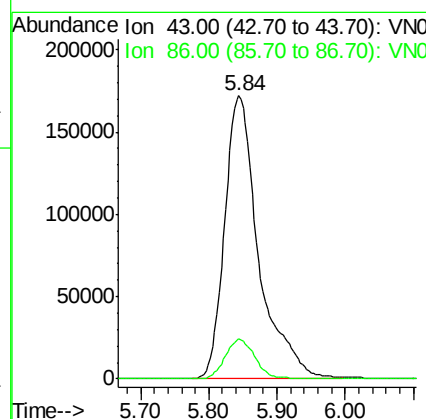
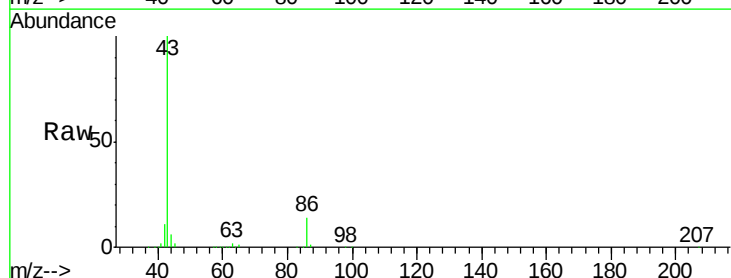
Manual Integrations  
APPROVED

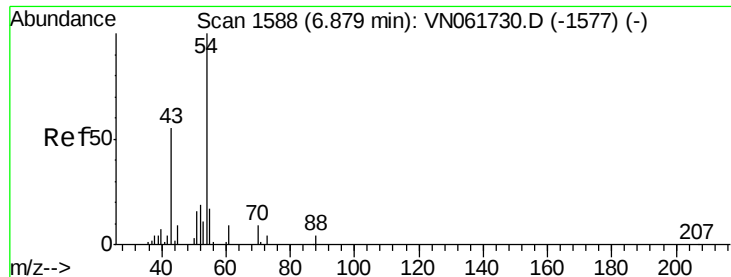
MMDadoda  
6/11/2020 12:44:44 PM



#42  
Vinyl Acetate  
Concen: 101.101 ug/l  
RT: 5.84 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 12.3  | 10.0  | 15.0  |





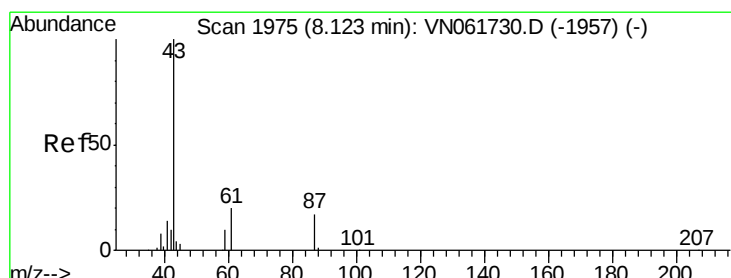
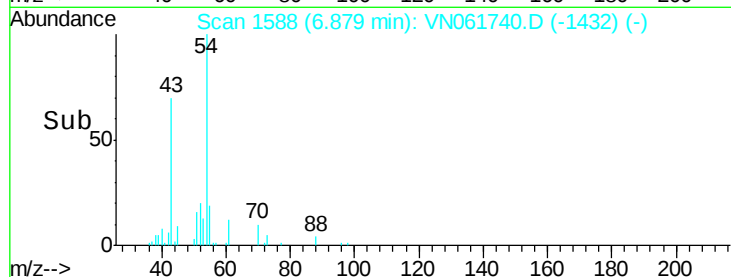
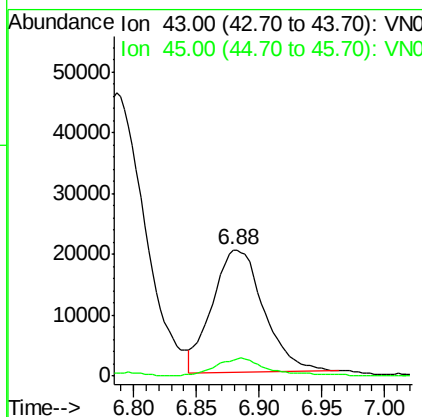
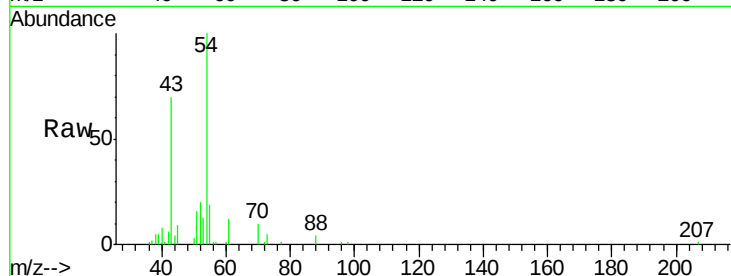
#43  
Ethyl Acetate  
Concen: 19.908 ug/l  
RT: 6.88 min Scan# 1588  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion: 43 Resp: 57889  
Ion Ratio Lower Upper  
43 100  
45 13.7 11.4 17.2

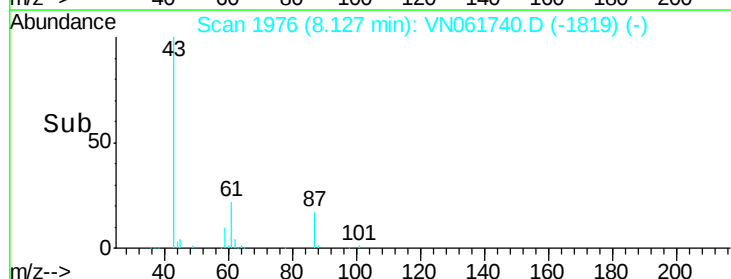
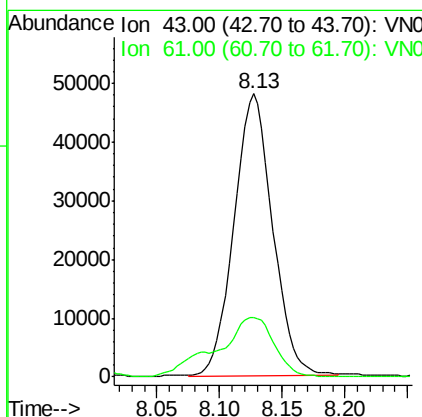
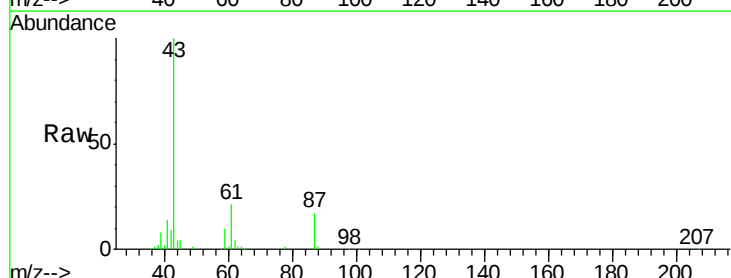
Manual Integrations  
APPROVED

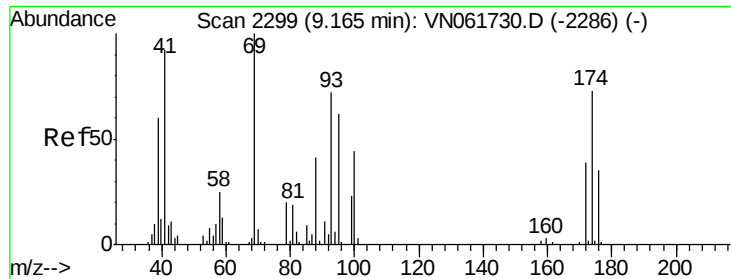
MMDadoda  
6/11/2020 12:44:44 PM



#44  
Isopropyl Acetate  
Concen: 19.603 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Tgt Ion: 43 Resp: 103133  
Ion Ratio Lower Upper  
43 100  
61 21.6 18.9 28.3





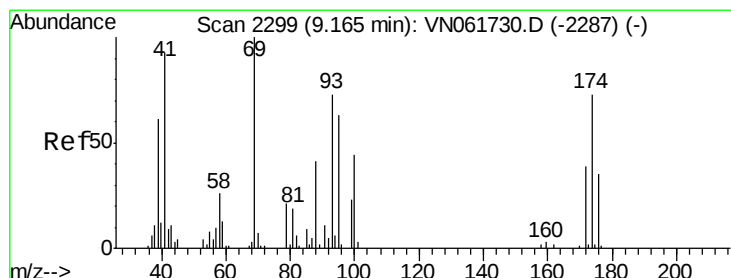
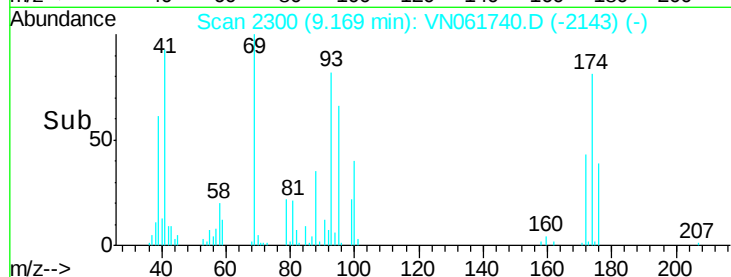
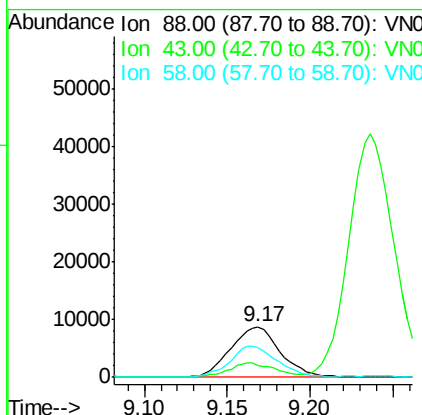
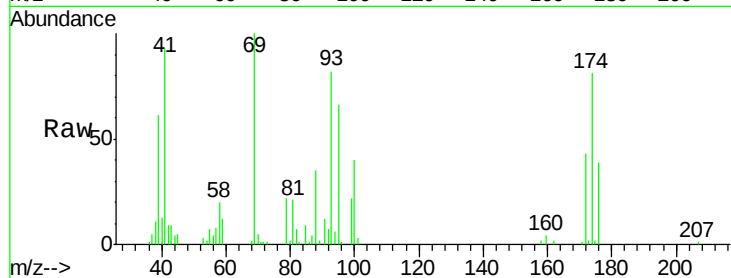
#45  
1,4-Dioxane  
Concen: 337.502 ug/l  
RT: 9.17 min Scan# 2300  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 27.6  | 21.8  | 32.8  |
| 58      | 59.3  | 48.4  | 72.6  |

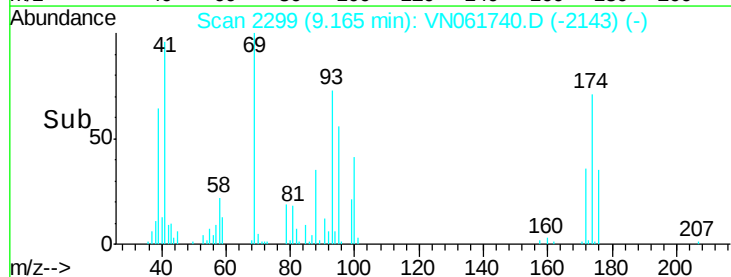
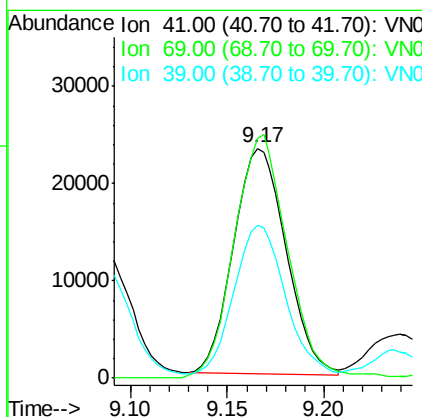
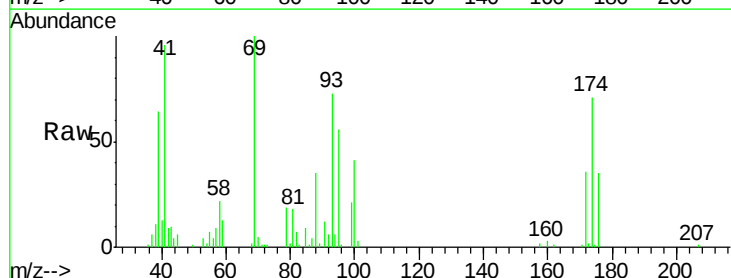
Manual Integrations  
APPROVED

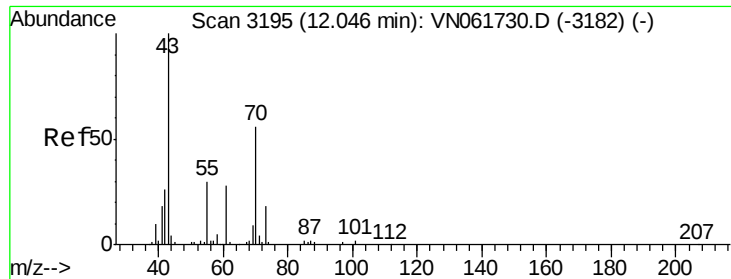
MMDadoda  
6/11/2020 12:44:44 PM



#46  
Methyl methacrylate  
Concen: 19.212 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 105.9 | 53.8  | 161.4 |
| 39      | 66.1  | 33.0  | 98.9  |





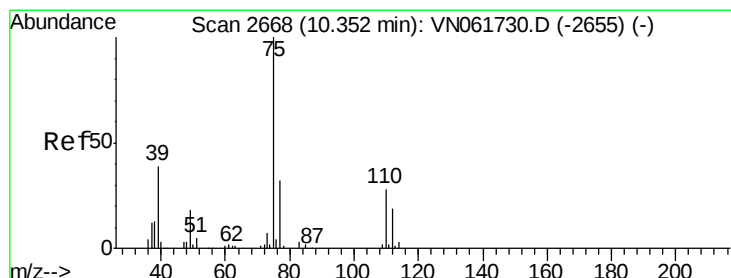
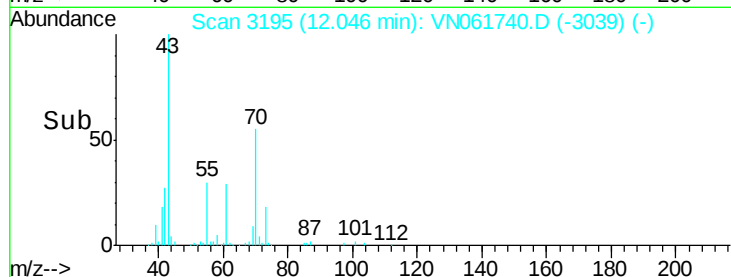
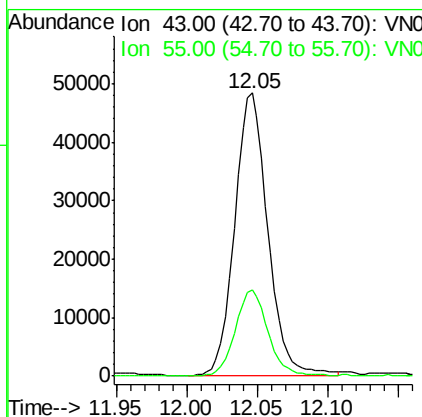
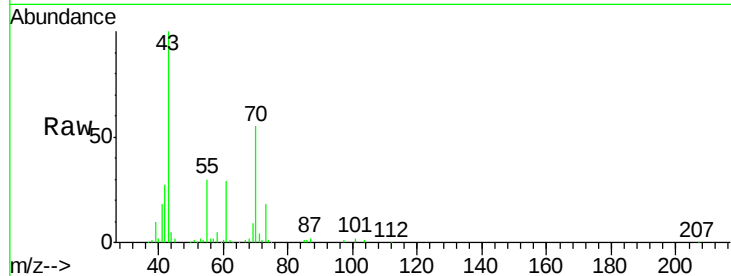
#47  
n-amyl Acetate  
Concen: 18.007 ug/l  
RT: 12.05 min Scan# 3195  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion: 43 Resp: 80275  
Ion Ratio Lower Upper  
43 100  
55 30.1 22.7 34.1

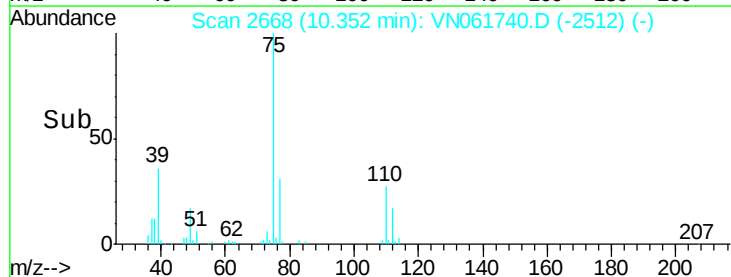
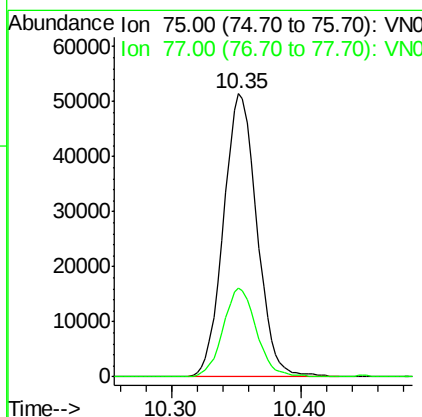
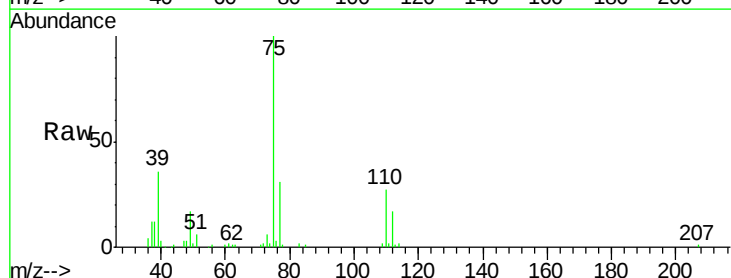
Manual Integrations  
APPROVED

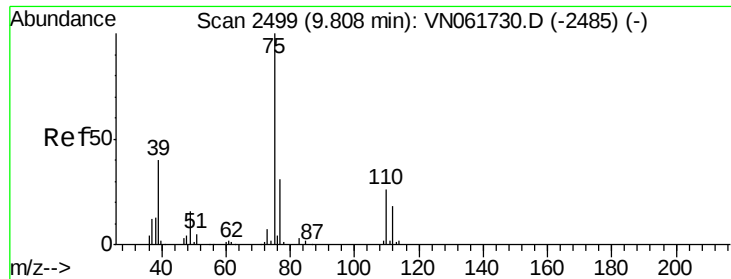
MMDadoda  
6/11/2020 12:44:44 PM



#48  
t-1,3-Dichloropropene  
Concen: 18.919 ug/l  
RT: 10.35 min Scan# 2668  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Tgt Ion: 75 Resp: 92656  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.4 38.2





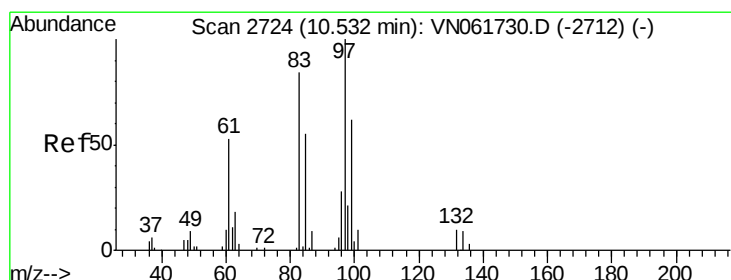
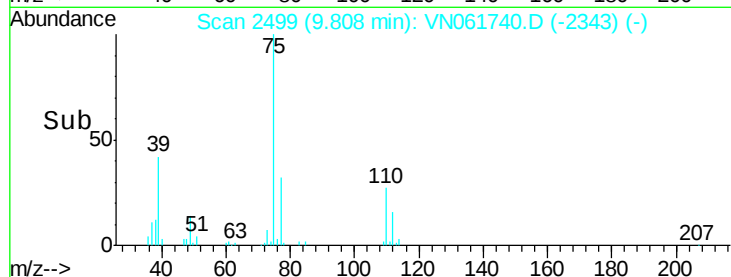
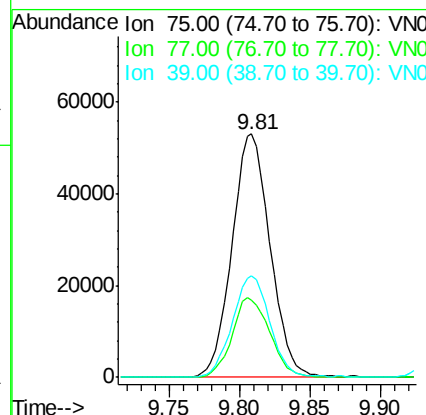
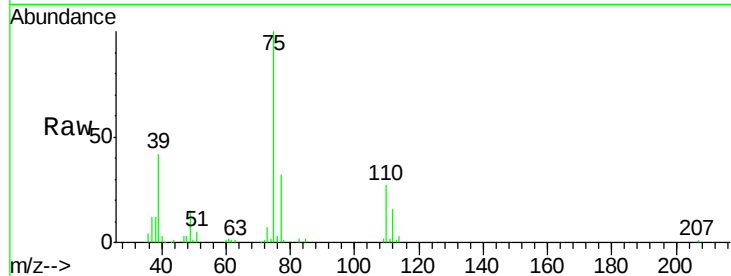
#49  
 cis-1,3-Dichloropropene  
 Concen: 18.706 ug/l  
 RT: 9.81 min Scan# 2499  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.7  | 24.8  | 37.2  |
| 39      | 42.0  | 31.8  | 47.6  |

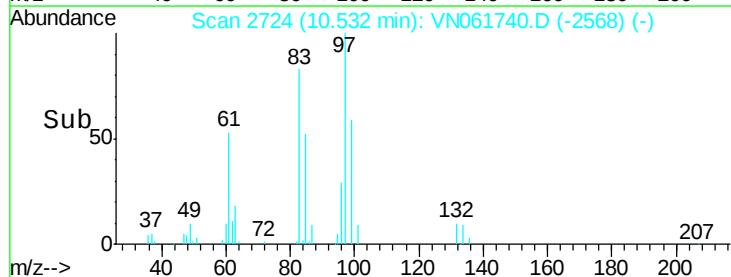
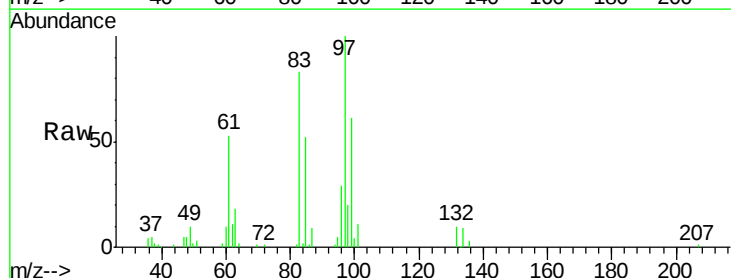
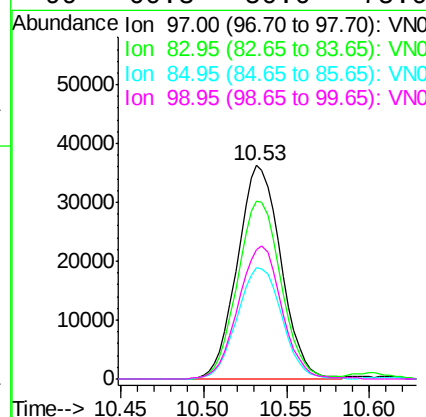
Manual Integrations  
 APPROVED

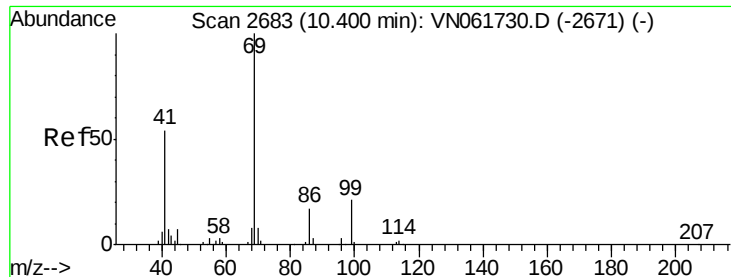
MMDadoda  
 6/11/2020 12:44:44 PM



#50  
 1,1,2-Trichloroethane  
 Concen: 19.717 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 83.4  | 67.6  | 101.4 |
| 85      | 51.9  | 44.0  | 66.0  |
| 99      | 60.3  | 50.0  | 75.0  |





#51

Ethyl methacrylate

Concen: 19.284 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

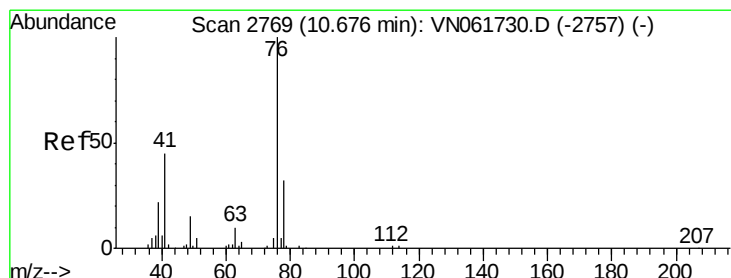
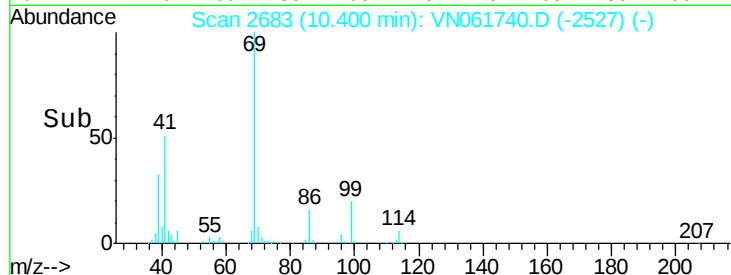
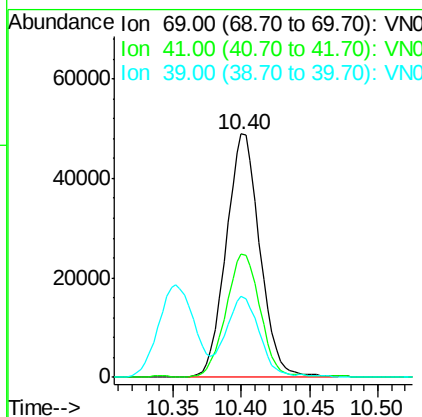
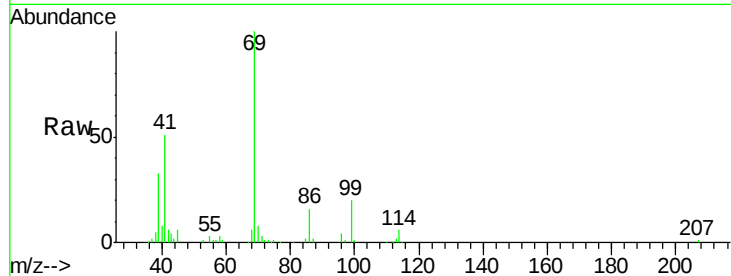
ClientSampleId :

VSTDCCC020EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 84286 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 50.5  | 26.9  | 80.7  |
| 39       | 33.0  | 16.7  | 50.1  |

Manual Integrations  
APPROVED

MMDadoda  
6/11/2020 12:44:44 PM



#52

1,3-Dichloropropane

Concen: 19.410 ug/l

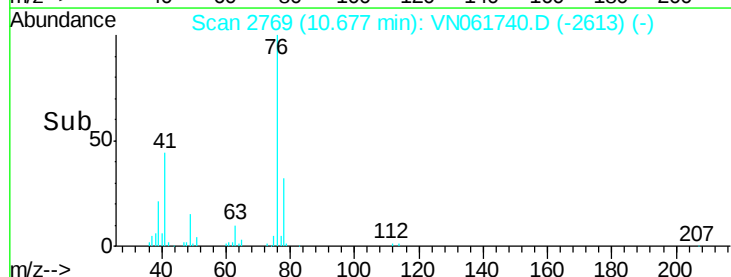
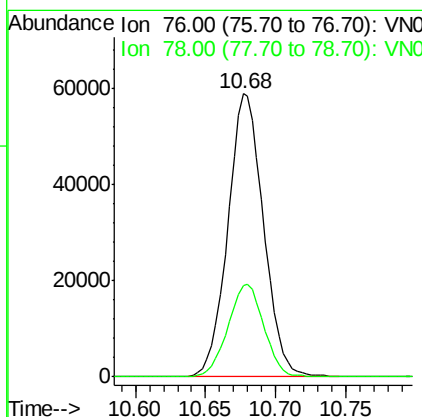
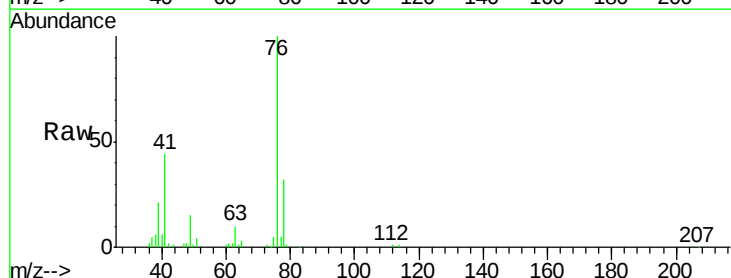
RT: 10.68 min Scan# 2769

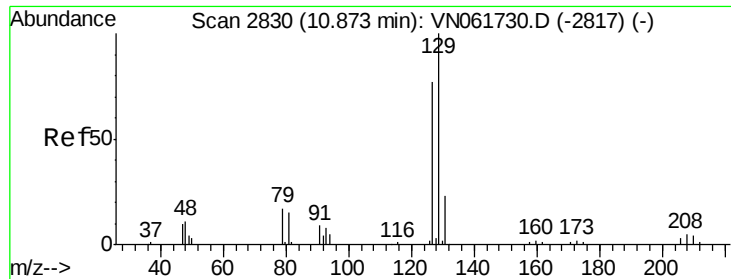
Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 76    | Resp: | 103994 |
| Ion      | Ratio | Lower | Upper  |
| 76       | 100   |       |        |
| 78       | 32.9  | 0.0   | 65.8   |





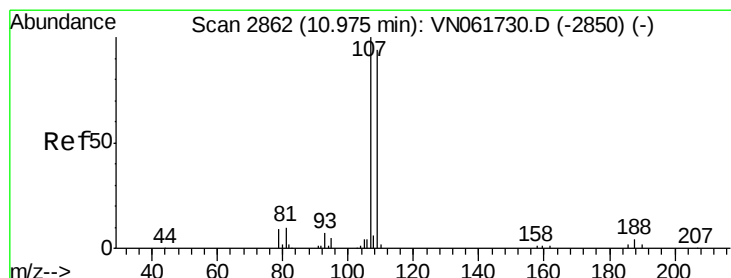
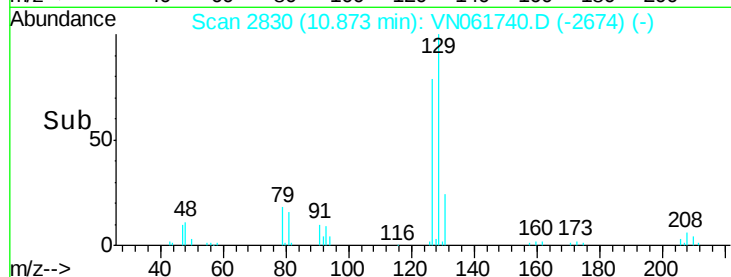
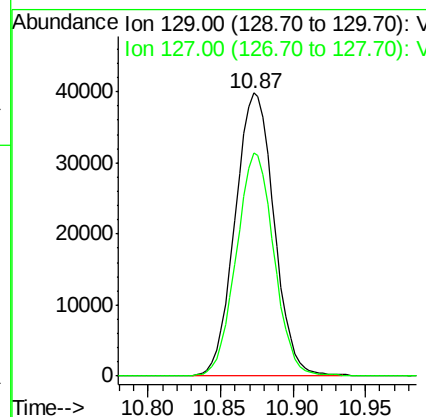
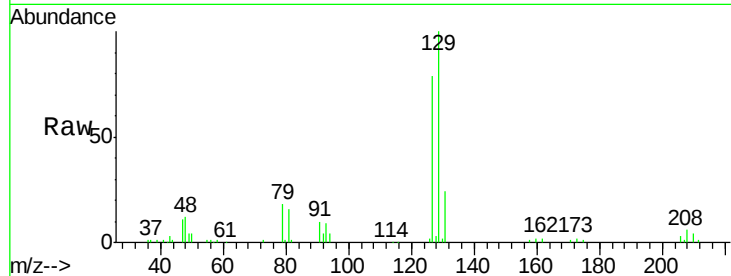
#53  
Dibromochloromethane  
Concen: 18.810 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion:129 Resp: 74561  
Ion Ratio Lower Upper  
129 100  
127 76.0 38.6 116.0

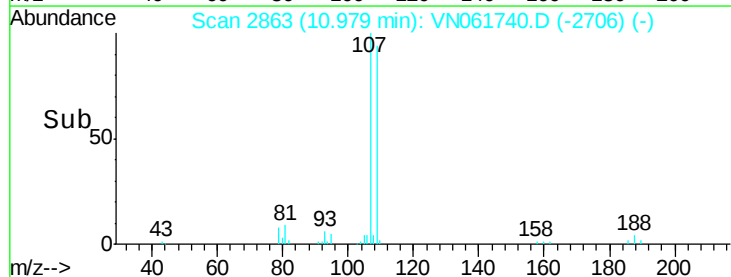
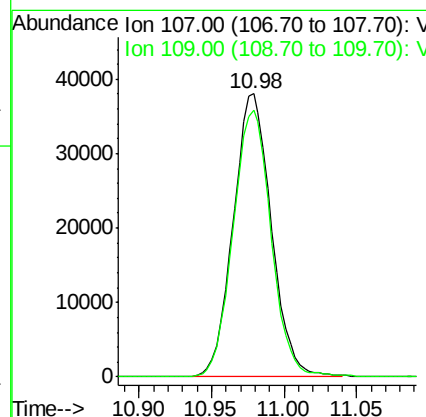
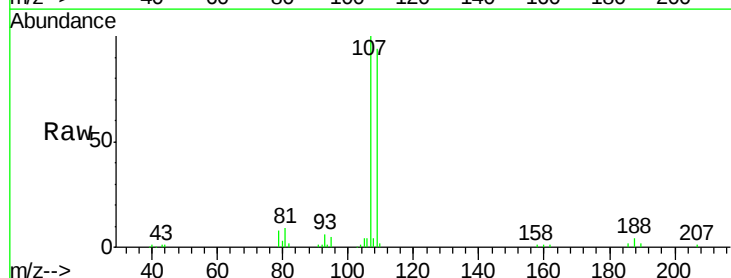
Manual Integrations  
APPROVED

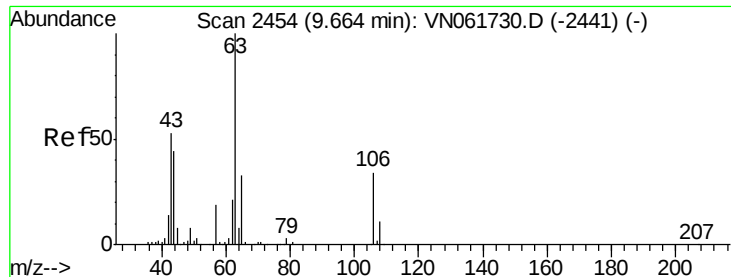
MMDadoda  
6/11/2020 12:44:44 PM



#54  
1,2-Dibromoethane  
Concen: 19.703 ug/l  
RT: 10.98 min Scan# 2863  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Tgt Ion:107 Resp: 69439  
Ion Ratio Lower Upper  
107 100  
109 94.2 76.6 114.8





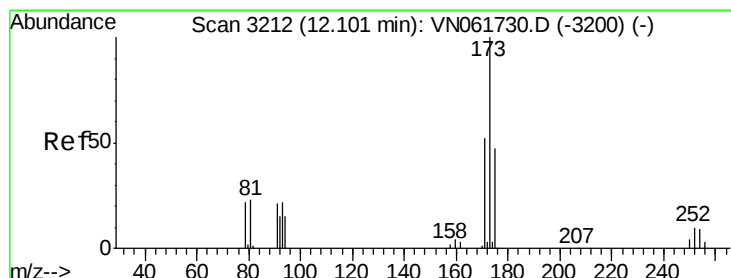
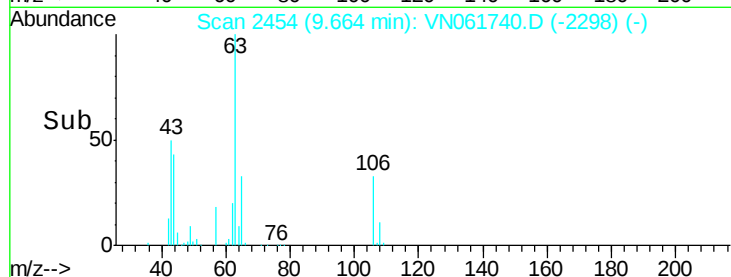
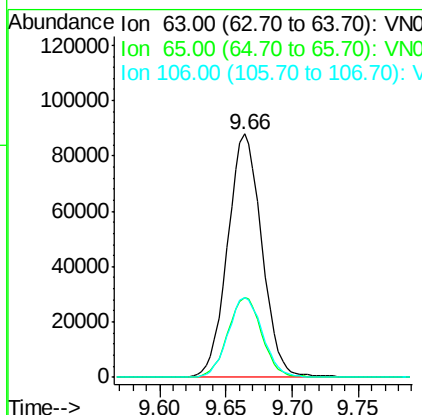
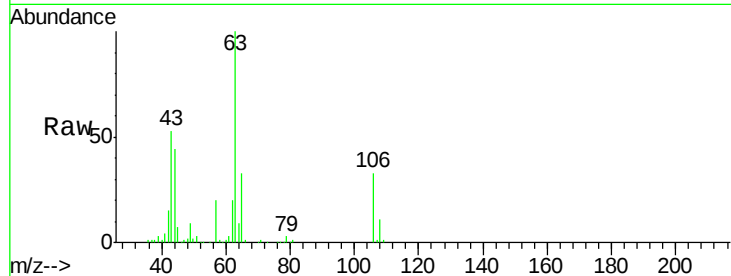
#55  
2-Chloroethyl vinyl ether  
Concen: 95.147 ug/l  
RT: 9.66 min Scan# 2454  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.4  | 25.8  | 38.8  |
| 106     | 33.2  | 26.5  | 39.7  |

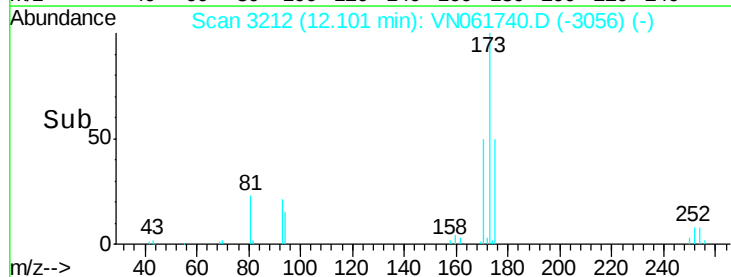
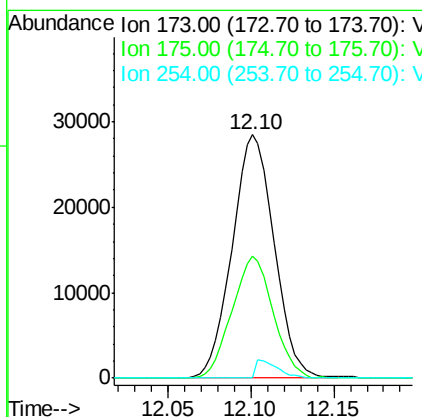
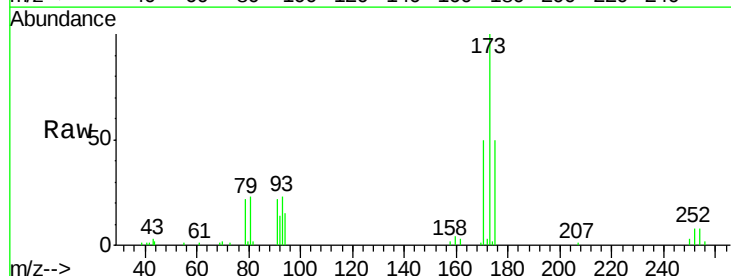
Manual Integrations  
APPROVED

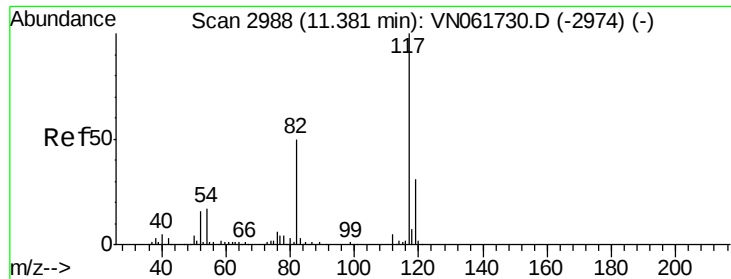
MMDadoda  
6/11/2020 12:44:44 PM



#56  
Bromoform  
Concen: 18.171 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.7  | 37.5  | 56.3  |
| 254     | 3.9   | 6.9   | 10.3# |





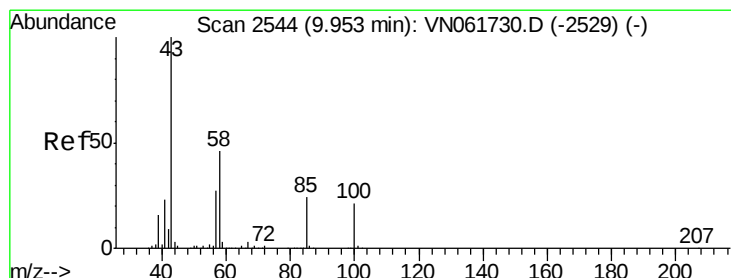
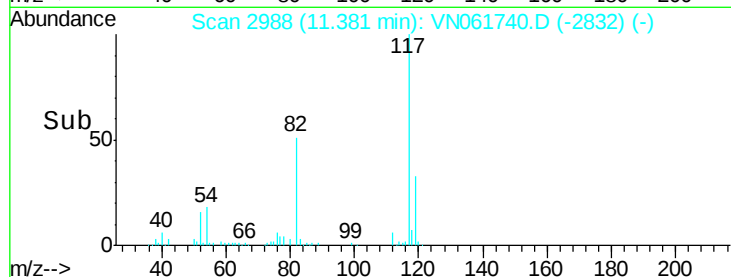
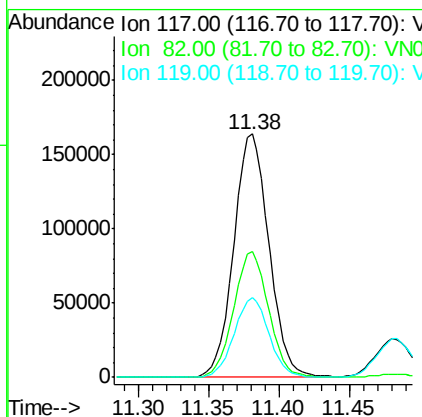
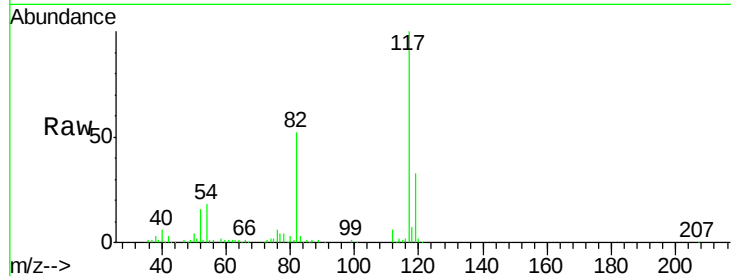
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 117     | 100   |            |       |
| 82      | 51.1  | 40.6       | 60.8  |
| 119     | 32.3  | 25.4       | 38.2  |

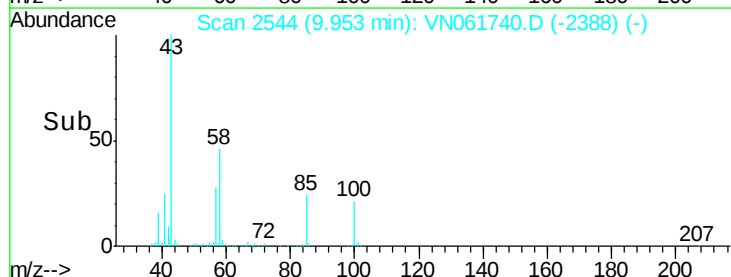
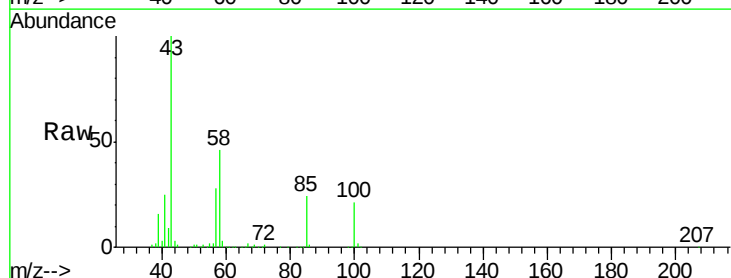
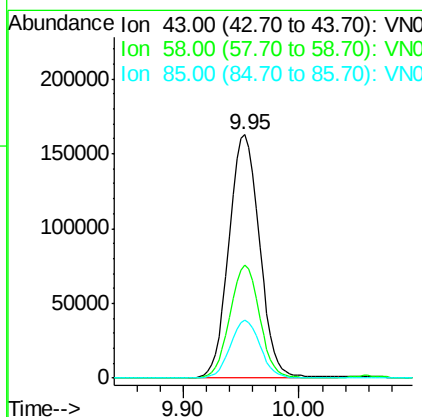
Manual Integrations  
APPROVED

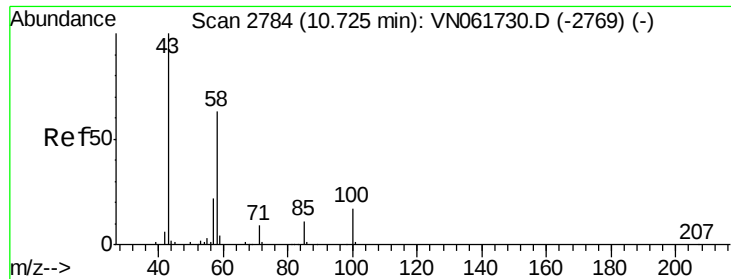
MMDadoda  
6/11/2020 12:44:44 PM



#58  
4-Methyl-2-Pentanone  
Concen: 100.453 ug/l  
RT: 9.95 min Scan# 2544  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 43      | 100   |            |       |
| 58      | 44.9  | 36.6       | 54.8  |
| 85      | 23.1  | 19.0       | 28.6  |





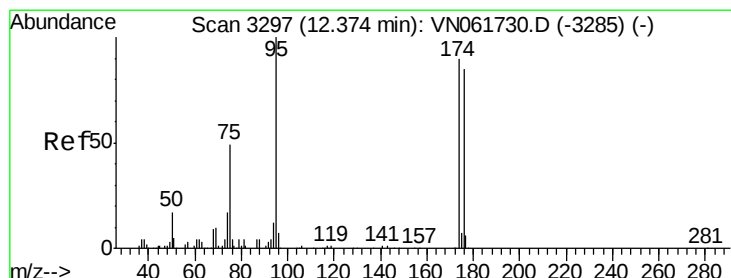
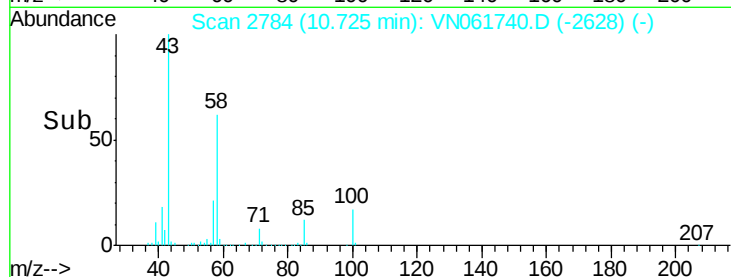
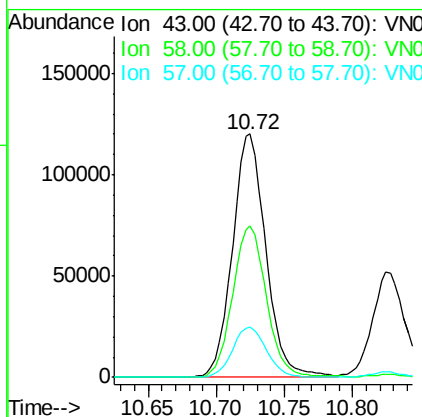
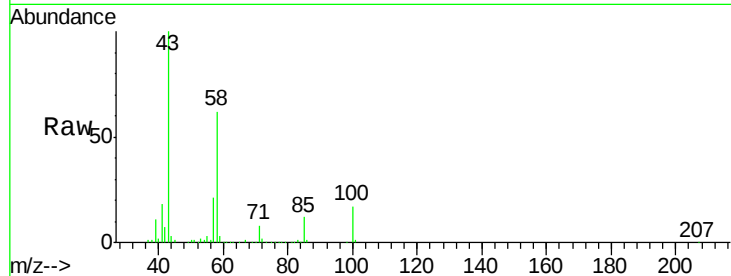
#59  
2-Hexanone  
Concen: 95.073 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 62.7  | 50.4  | 75.6  |
| 57      | 21.2  | 17.2  | 25.8  |

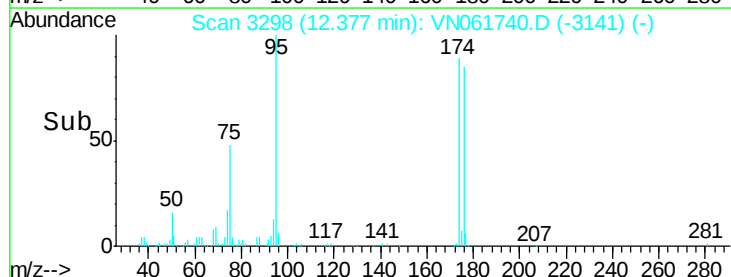
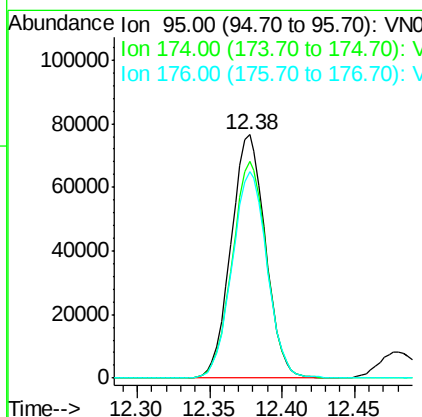
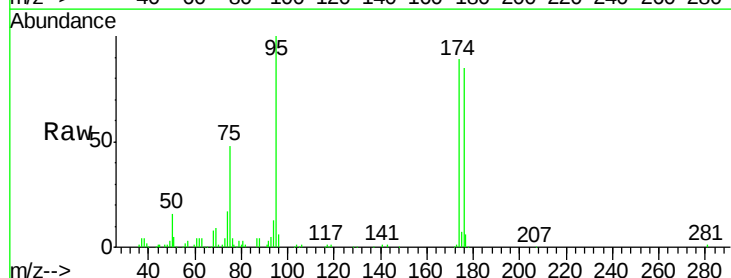
Manual Integrations  
APPROVED

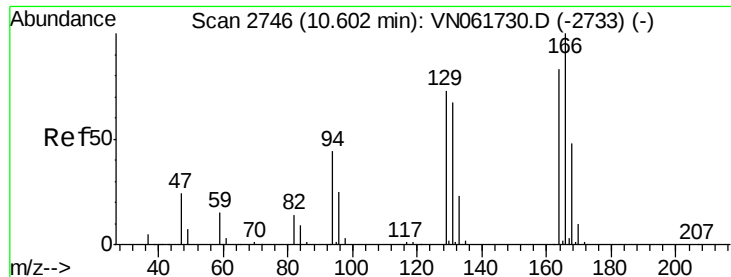
MMDadoda  
6/11/2020 12:44:44 PM



#60  
4-Bromofluorobenzene  
Concen: 29.796 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 89.4  | 72.8  | 109.2 |
| 176     | 86.5  | 69.2  | 103.8 |





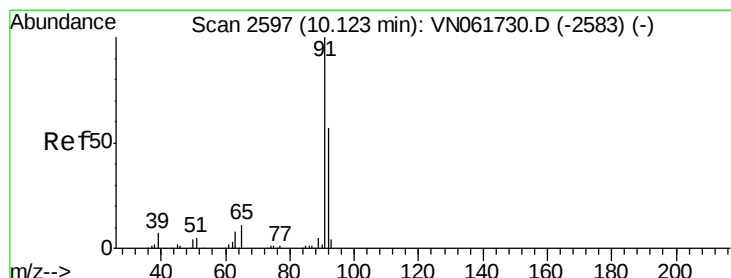
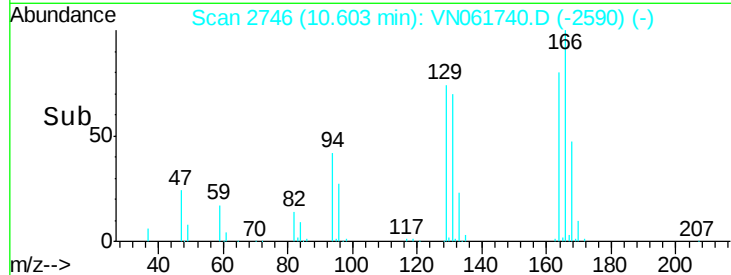
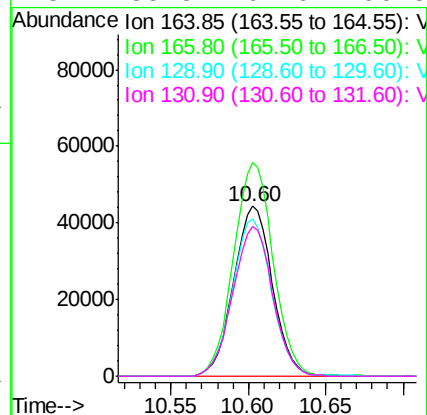
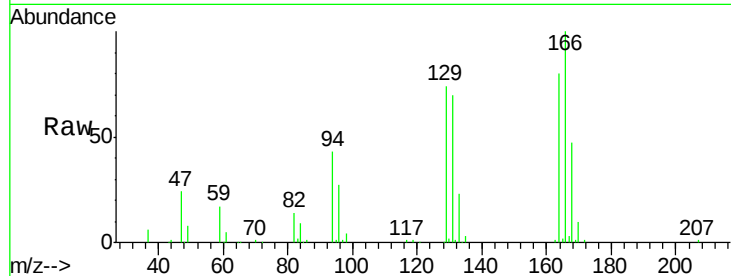
#61  
Tetrachloroethene  
Concen: 17.672 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.5 | 96.6  | 144.8 |
| 129     | 92.0  | 70.1  | 105.1 |
| 131     | 88.3  | 64.6  | 96.8  |

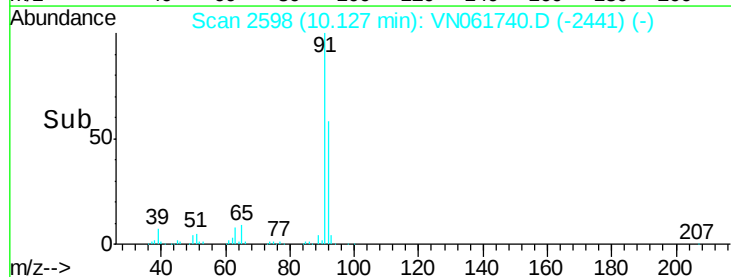
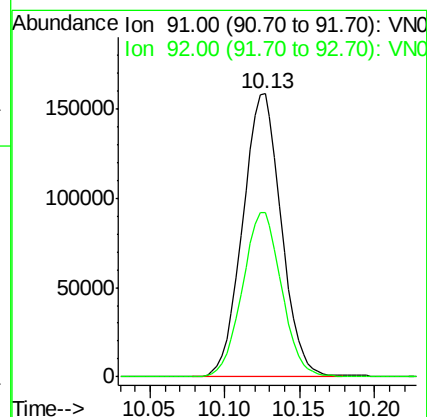
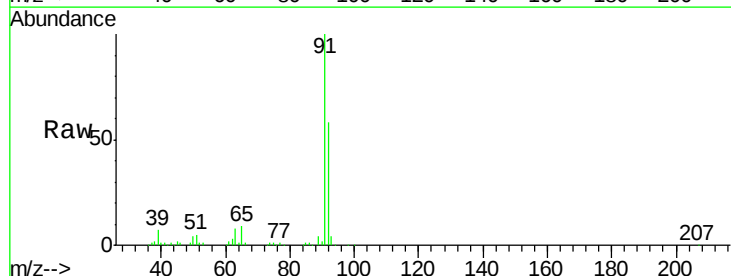
Manual Integrations  
APPROVED

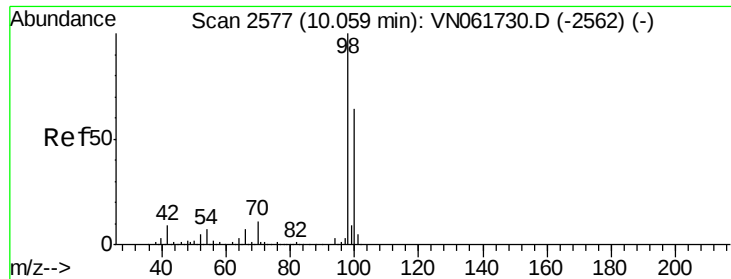
MMDadoda  
6/11/2020 12:44:44 PM



#62  
Toluene  
Concen: 19.774 ug/l  
RT: 10.13 min Scan# 2598  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 58.6  | 45.8  | 68.8  |





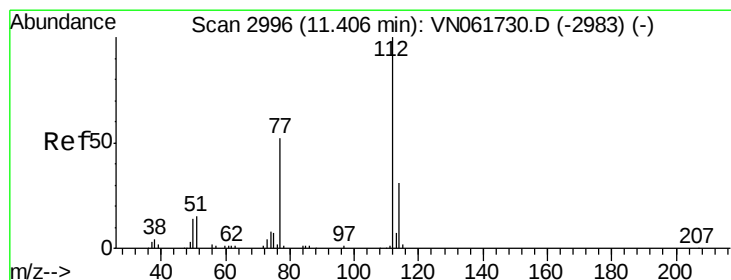
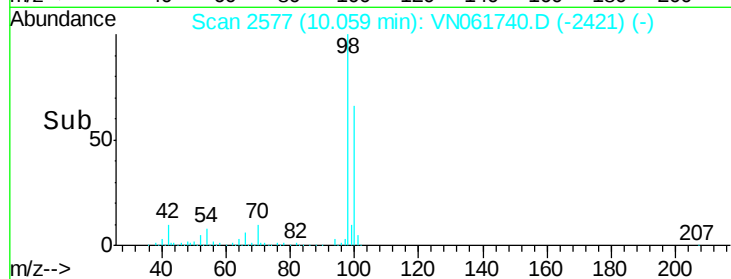
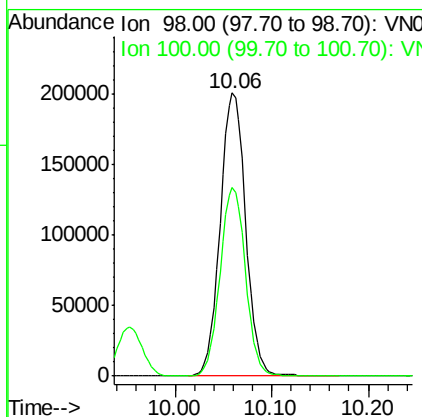
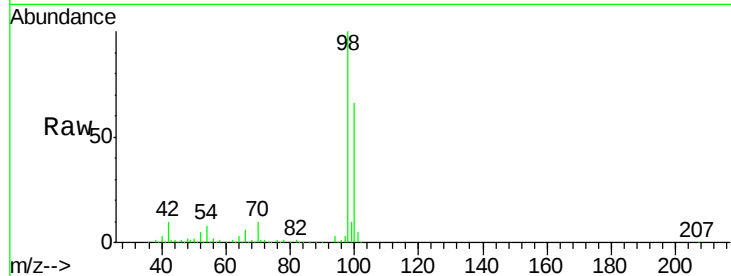
#63  
Toluene-d8  
Concen: 30.224 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion: 98 Resp: 368233  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.2 78.4

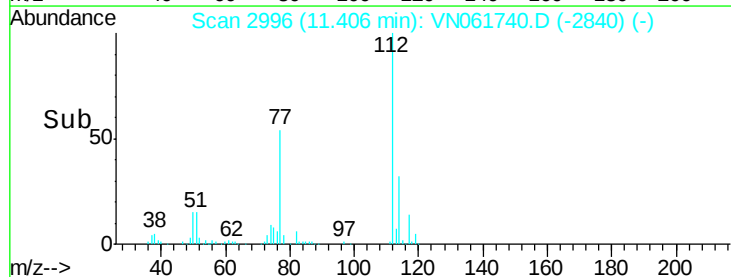
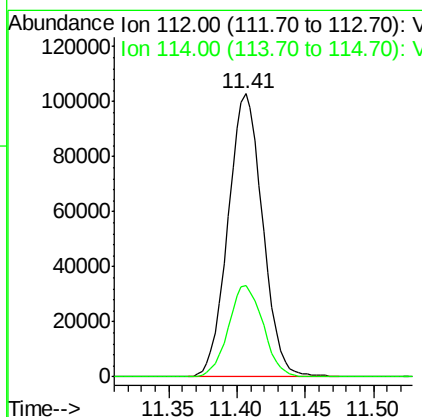
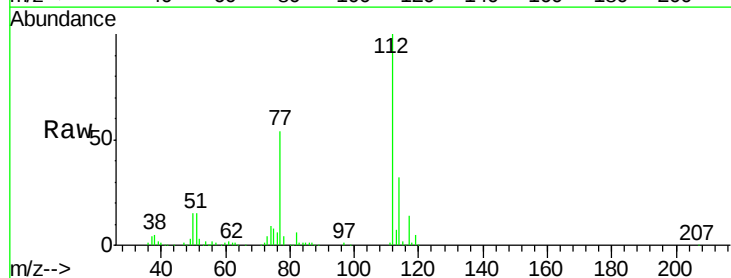
Manual Integrations  
APPROVED

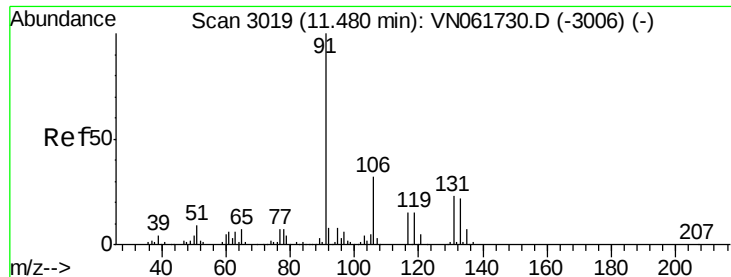
MMDadoda  
6/11/2020 12:44:44 PM



#64  
Chlorobenzene  
Concen: 19.601 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Tgt Ion: 112 Resp: 181632  
Ion Ratio Lower Upper  
112 100  
114 32.1 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.237 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

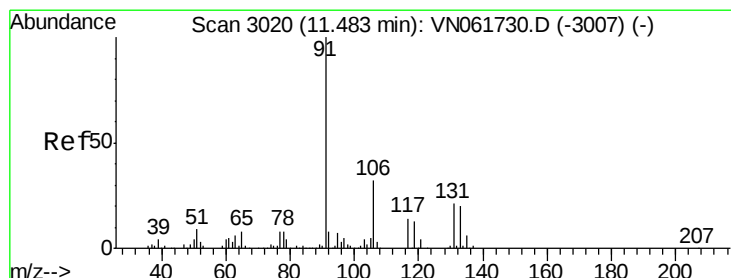
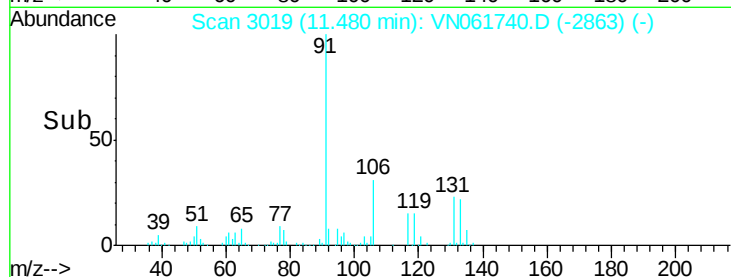
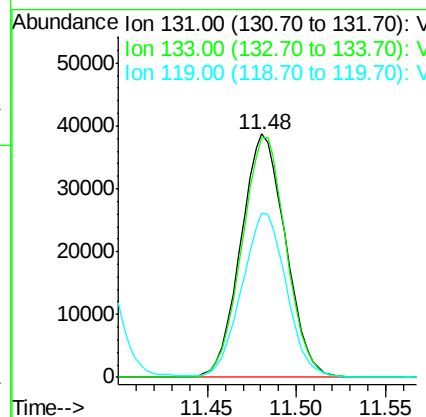
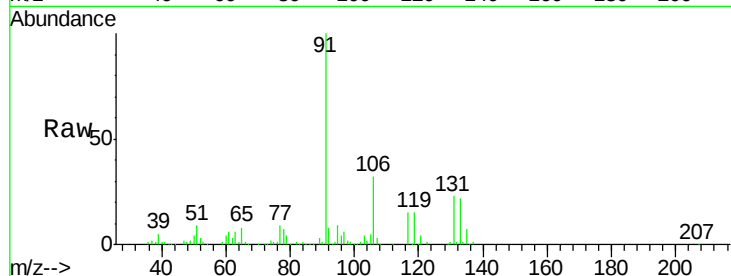
ClientSampleId :

VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 97.6  | 0.0   | 189.4 |
| 119     | 67.1  | 0.0   | 130.8 |

Manual Integrations  
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6/11/2020 12:44:44 PM



#66

Ethyl Benzene

Concen: 19.326 ug/l

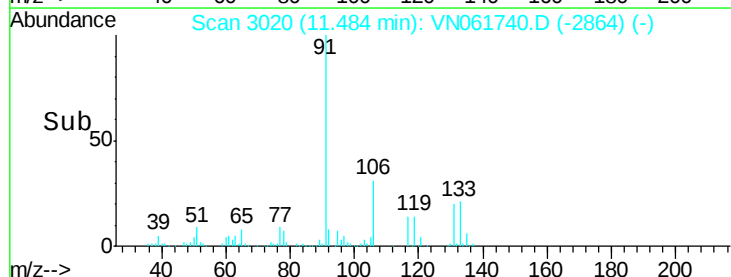
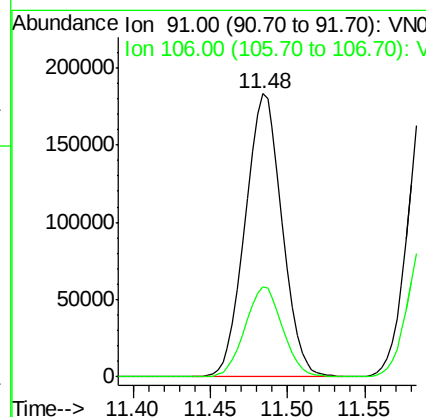
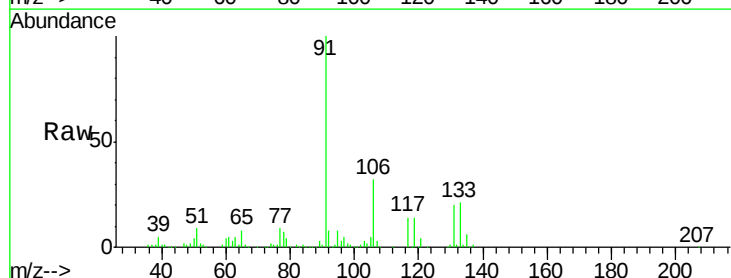
RT: 11.48 min Scan# 3020

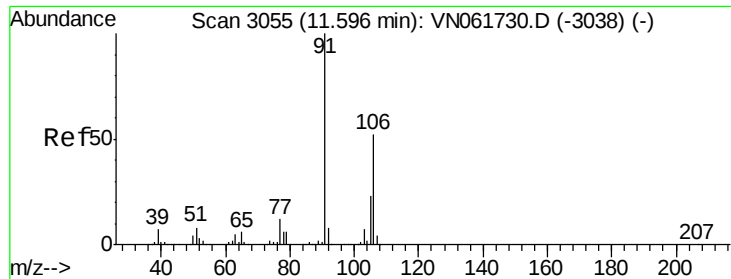
Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 32.0  | 25.7  | 38.5  |





#67

m/p-Xylenes

Concen: 38.109 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC020EC

Tot Ion:106 Resp: 238972

Ion Ratio Lower Upper

106 100

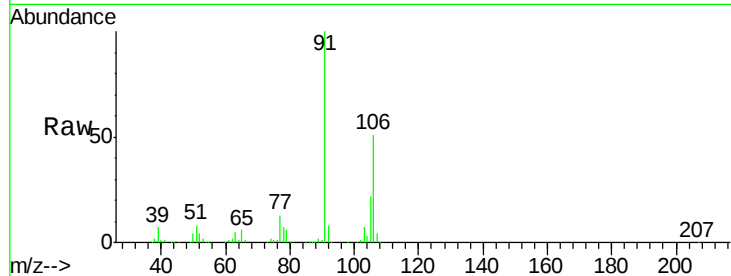
91 198.8 156.2 234.4

Manual Integrations

APPROVED

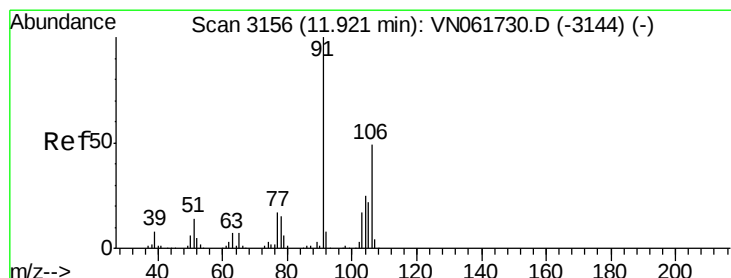
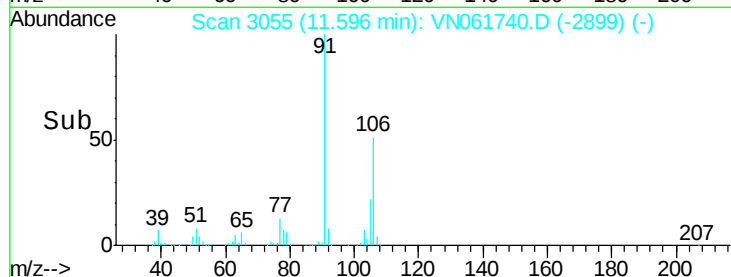
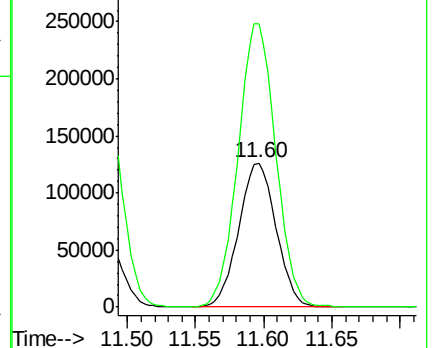
MMDadoda

6/11/2020 12:44:44 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.391 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061740.D

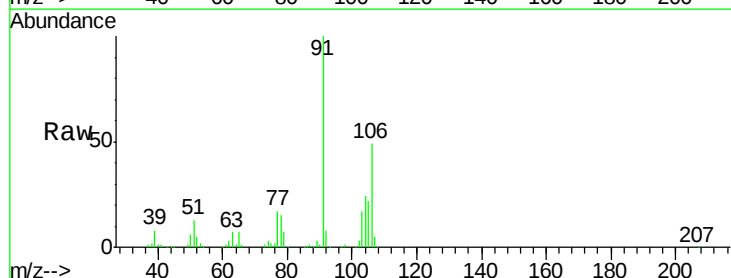
Acq: 10 Jun 2020 16:28

Tgt Ion:106 Resp: 114848

Ion Ratio Lower Upper

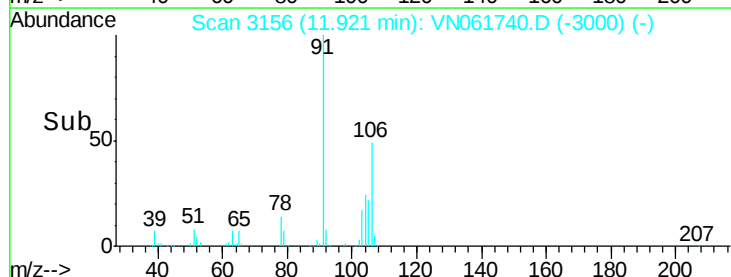
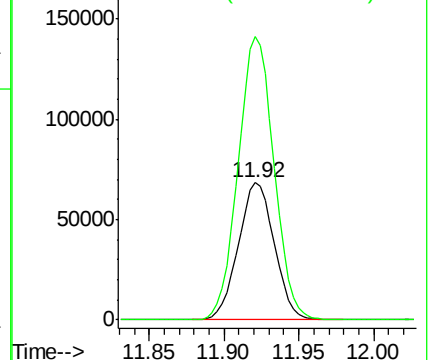
106 100

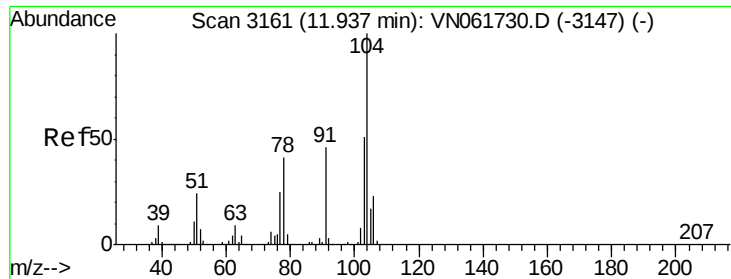
91 204.8 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





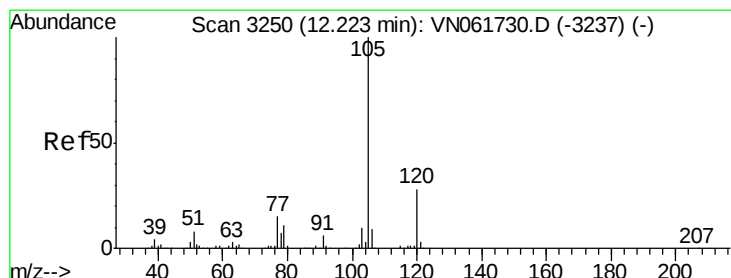
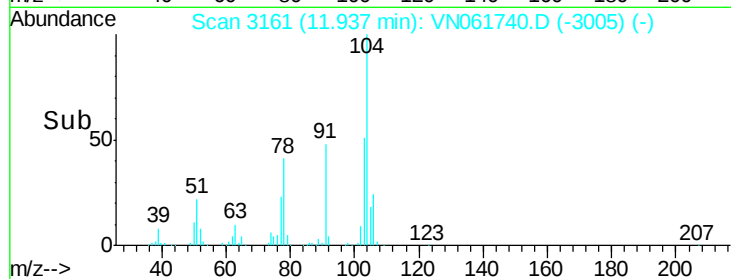
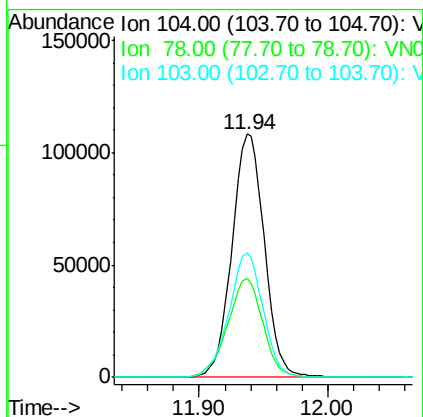
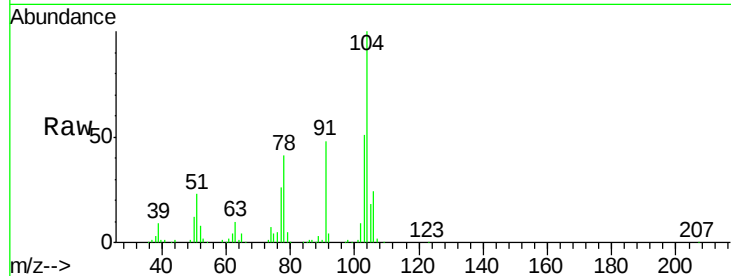
#69  
Stvrene  
Concen: 18.786 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 188482 |       |       |
| 78      | 44.7  | 36.5   | 54.7  |       |
| 103     | 54.1  | 43.4   | 65.2  |       |

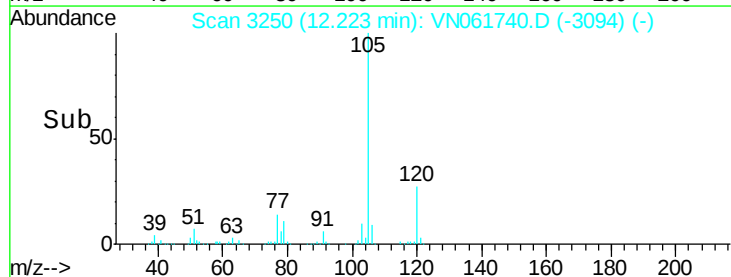
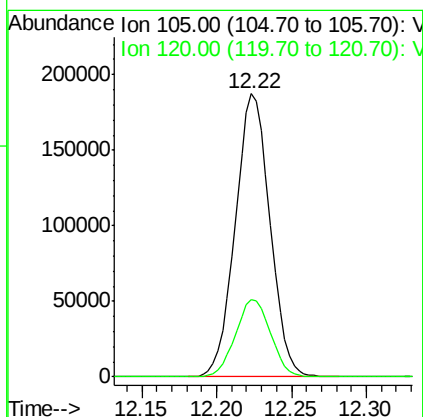
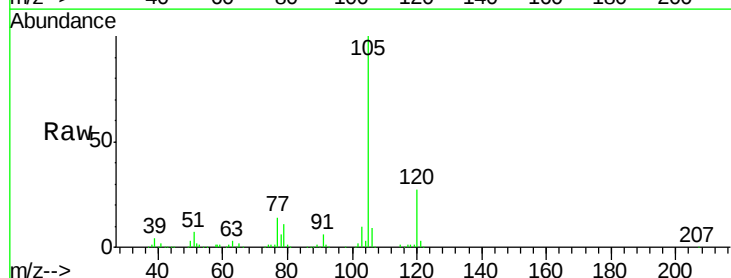
Manual Integrations  
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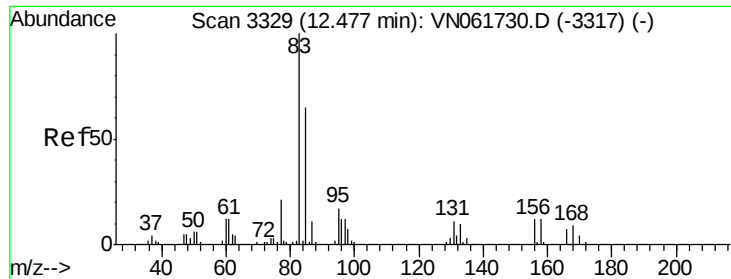
MMDadoda  
6/11/2020 12:44:44 PM



#70  
Isopropylbenzene  
Concen: 19.313 ug/l  
RT: 12.22 min Scan# 3250  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 302124 |       |       |
| 120     | 27.7  | 19.3   | 35.8  |       |





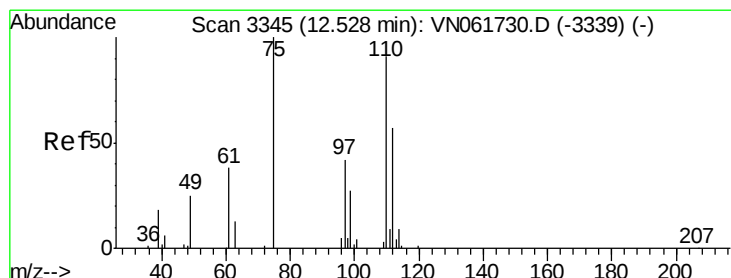
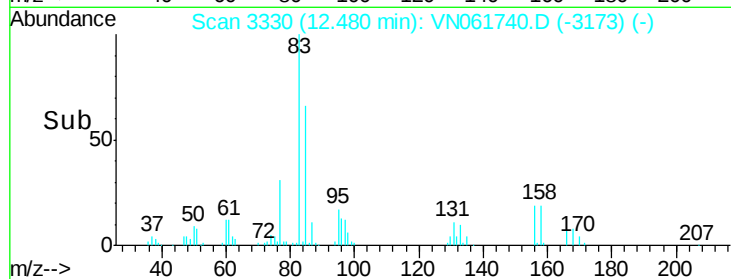
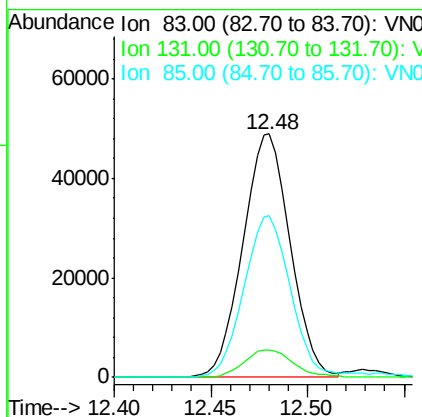
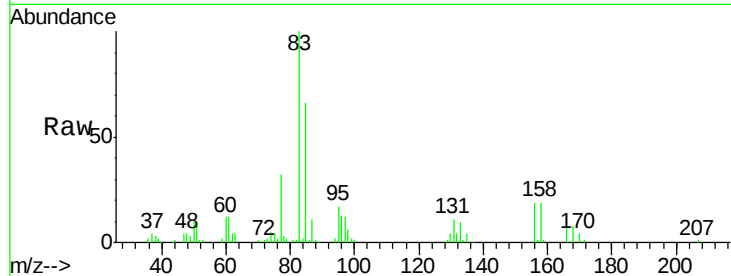
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.019 ug/l  
 RT: 12.48 min Scan# 3330  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion   | 83   | Resp  | 83189 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 11.7 | 5.7   | 17.0  |
| 85        | 65.3 | 33.0  | 98.9  |

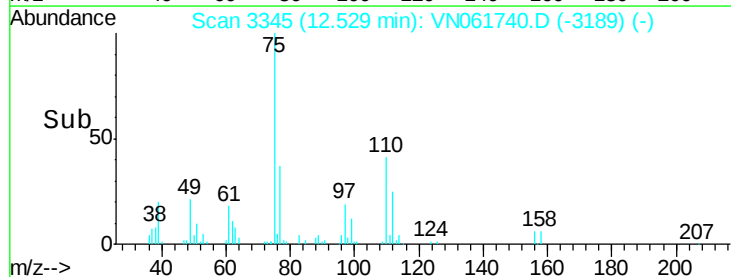
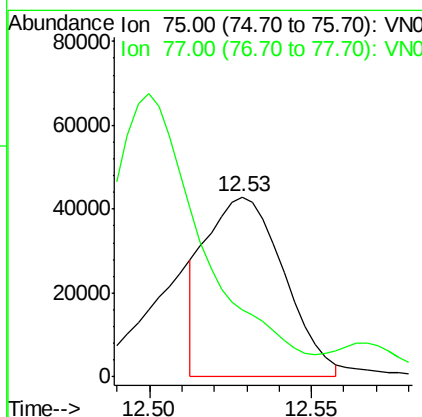
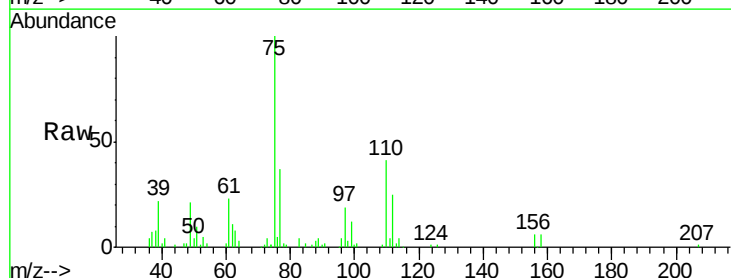
Manual Integrations  
 APPROVED

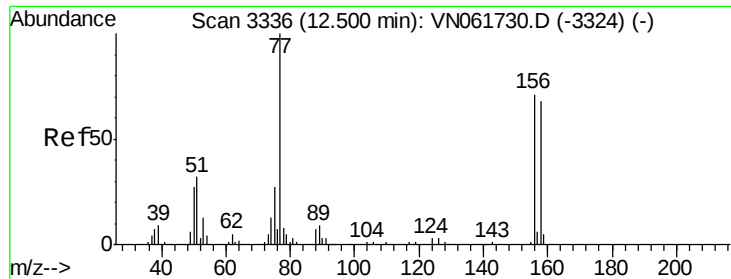
MMDadoda  
 6/11/2020 12:44:44 PM



#72  
 1,2,3-Trichloropropane  
 Concen: 18.183 ug/l m  
 RT: 12.53 min Scan# 3345  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion   | 75    | Resp  | 71232 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 75        | 100   |       |       |
| 77        | 195.0 | 0.0   | 371.8 |





#73

Bromobenzene

Concen: 18.702 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

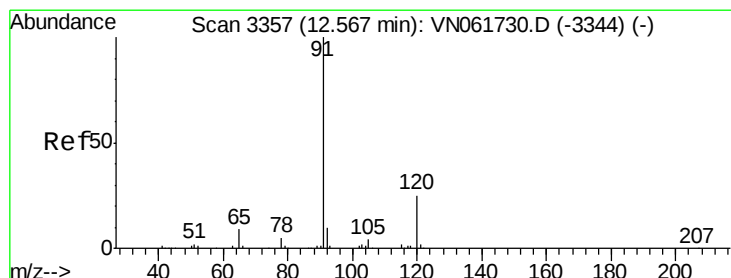
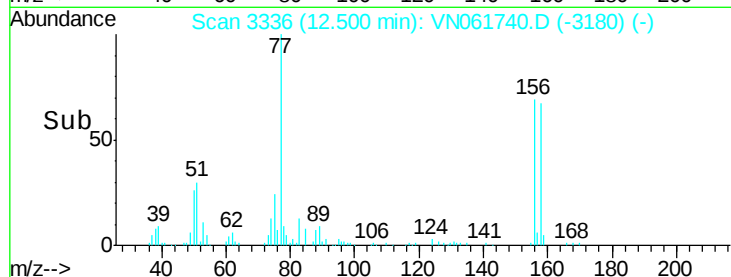
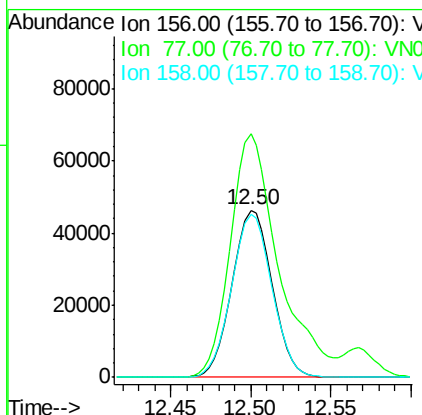
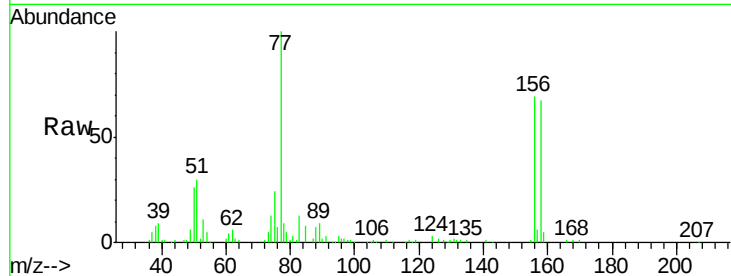
ClientSampleId :

VSTDCCC020EC

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 156     | 100   |       | 79040 |       |       |
| 77      | 175.7 | 0.0   | 350.0 |       |       |
| 158     | 98.4  | 0.0   | 195.4 |       |       |

Manual Integrations  
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6/11/2020 12:44:44 PM



#74

n-propylbenzene

Concen: 19.193 ug/l

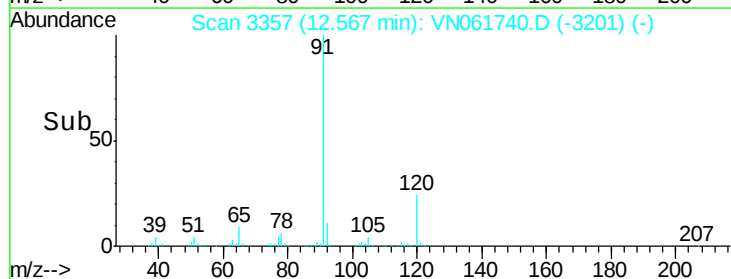
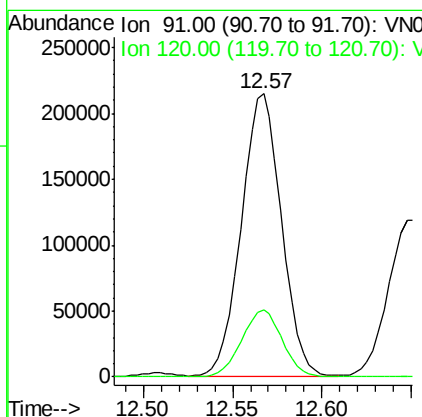
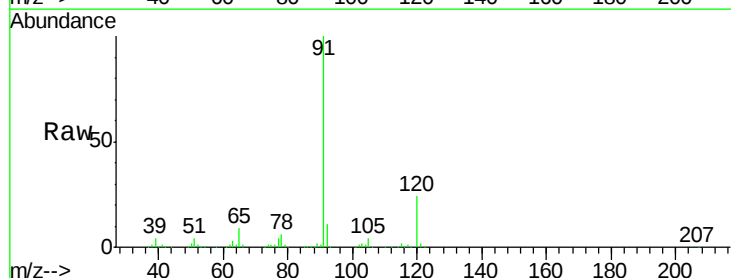
RT: 12.57 min Scan# 3357

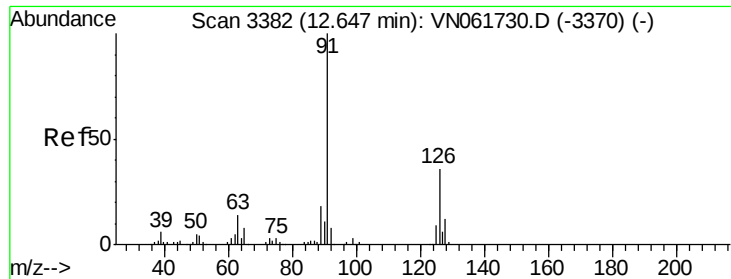
Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 339390 |       |       |
| 120     | 23.8 | 0.0   | 48.4   |       |       |





#75

2-Chlorotoluene

Concen: 19.213 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 200237

Ion Ratio Lower Upper

91 100

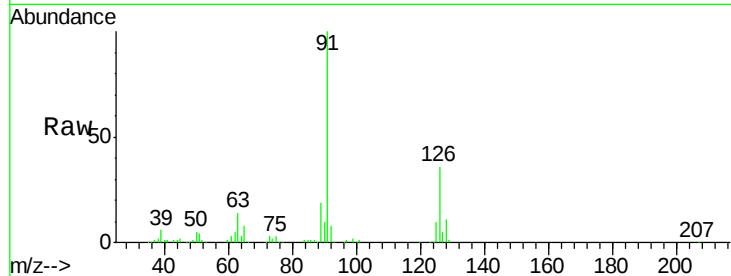
126 36.4 0.0 72.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN061730.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN061730.D (-3370) (-)

200000

150000

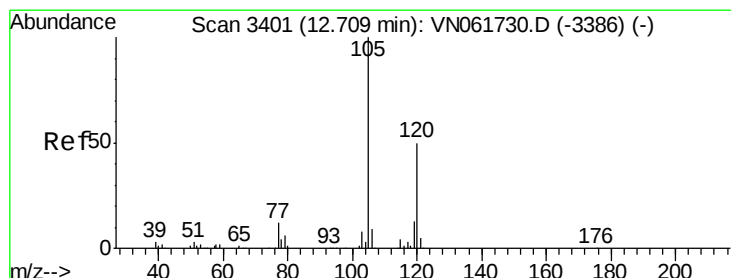
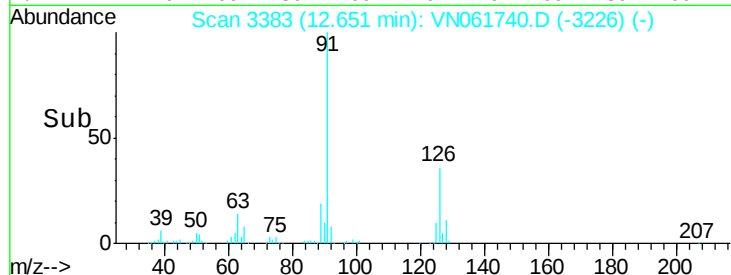
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.033 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061740.D

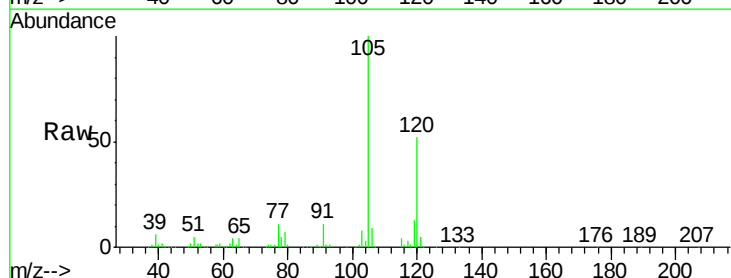
Acq: 10 Jun 2020 16:28

Tgt Ion: 105 Resp: 248219

Ion Ratio Lower Upper

105 100

120 52.2 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VN061730.D (-3386) (-)

Ion 120.00 (119.70 to 120.70): VN061730.D (-3386) (-)

150000

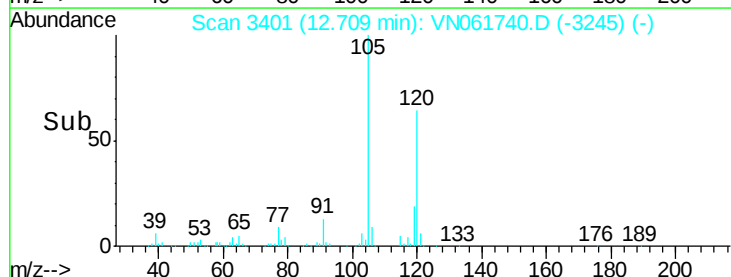
100000

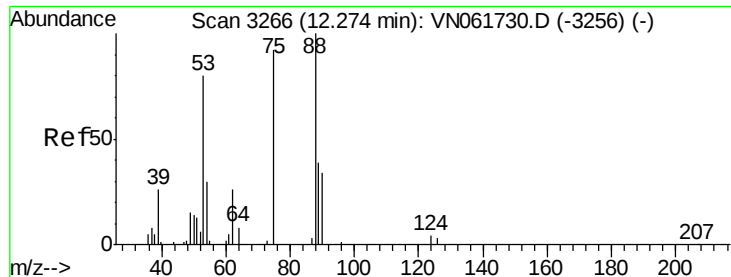
50000

0

12.65 12.70 12.75

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 16.603 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

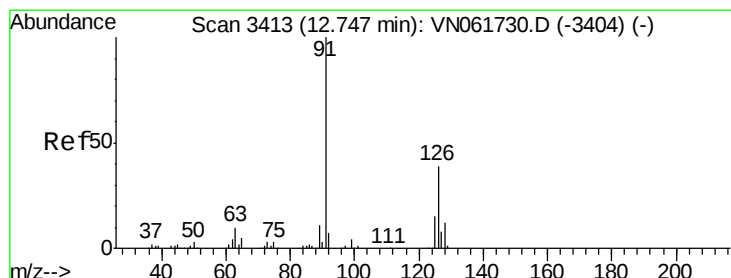
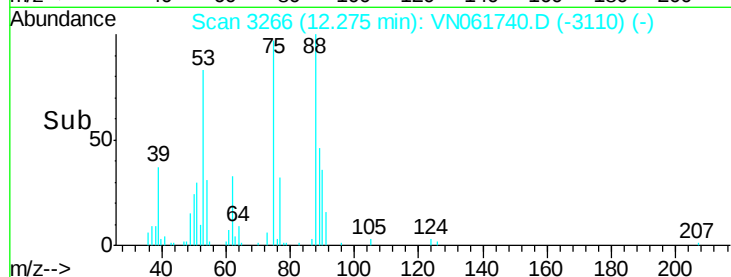
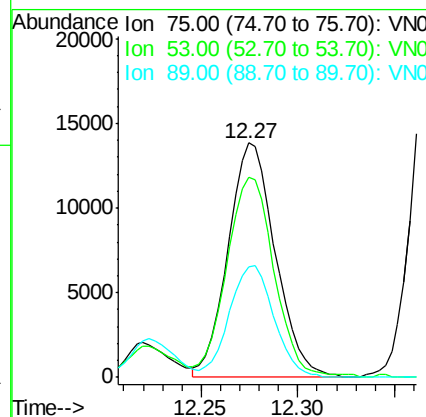
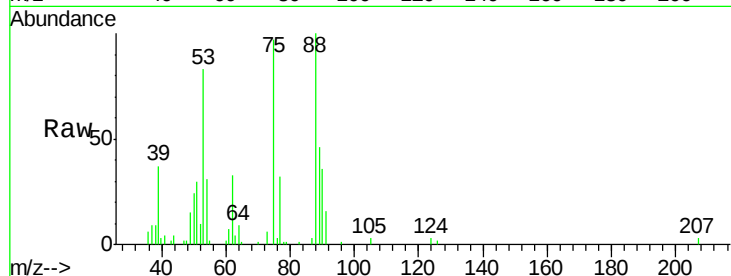
ClientSampleId :

VSTDCCC020EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 23463 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 84.4  | 43.8  | 131.4 |
| 89        | 47.1  | 23.1  | 69.2  |

Manual Integrations  
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#78

4-Chlorotoluene

Concen: 19.039 ug/l

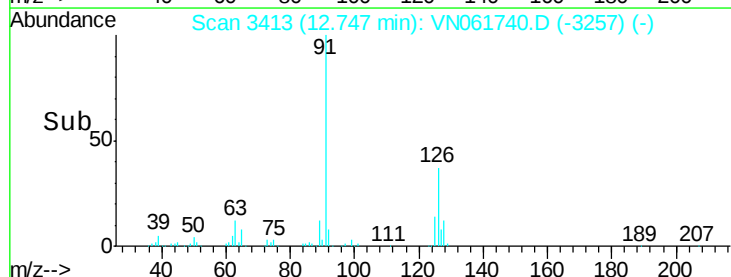
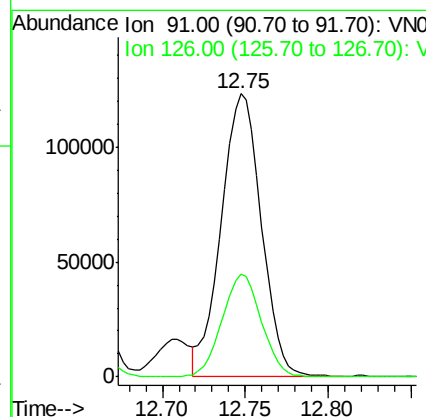
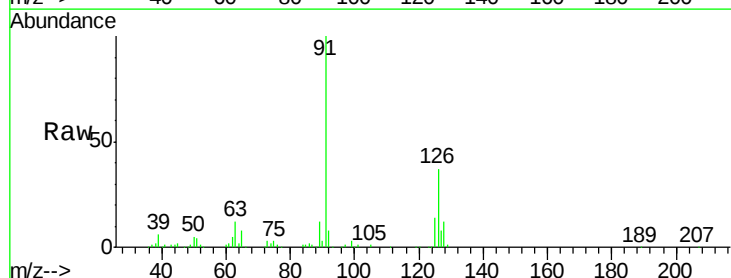
RT: 12.75 min Scan# 3413

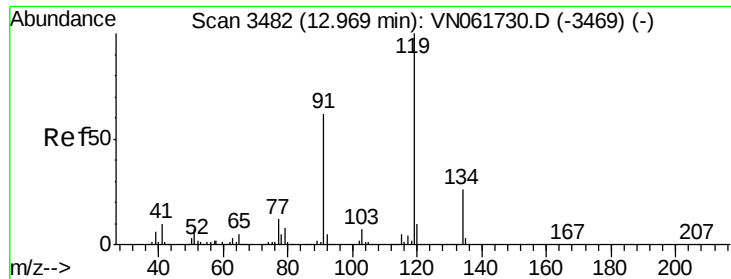
Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 206752 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 35.8  | 0.0   | 70.4   |





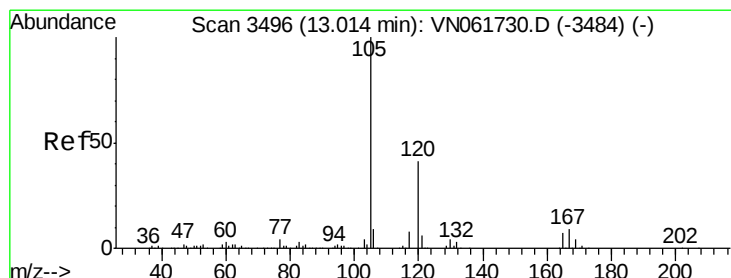
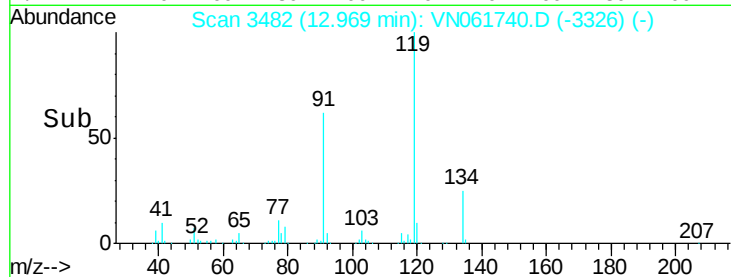
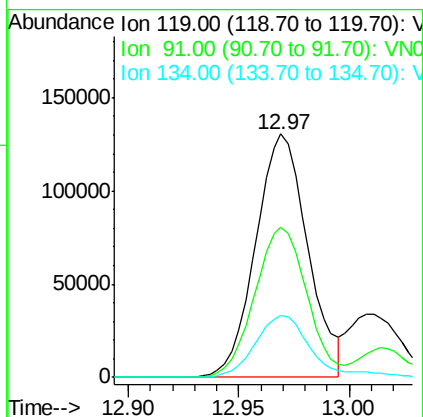
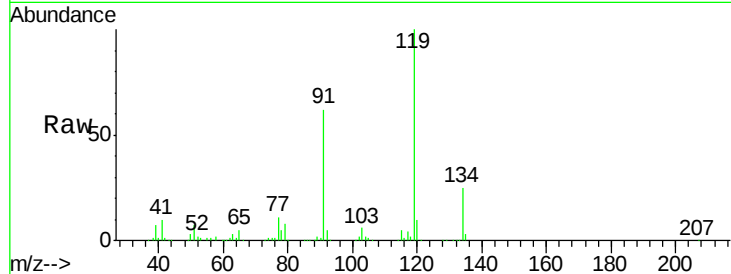
#79  
tert-butylbenzene  
Concen: 18.934 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC020EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 213537 |       |       |
| 91      | 62.0  | 0.0    | 124.6 |       |
| 134     | 26.0  | 0.0    | 51.4  |       |

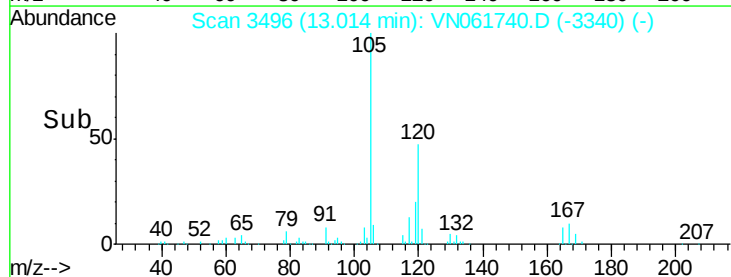
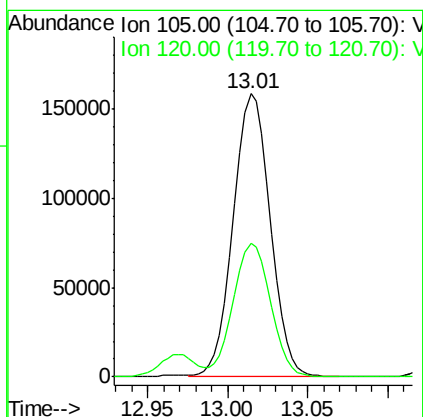
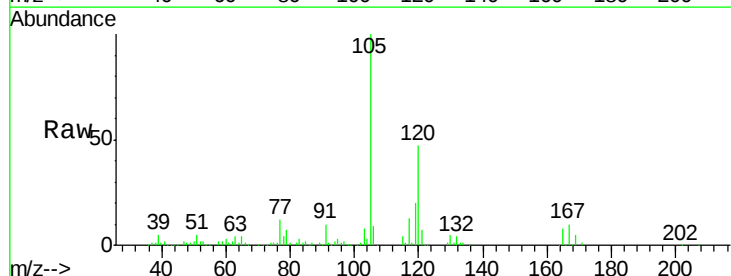
Manual Integrations  
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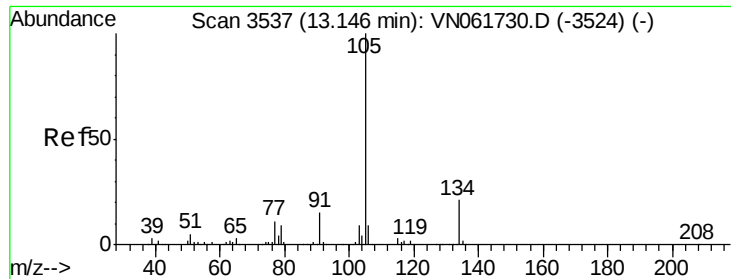
MMDadoda  
6/11/2020 12:44:44 PM



#80  
1,2,4-Trimethylbenzene  
Concen: 19.009 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 249373 |       |       |
| 120     | 48.0  | 0.0    | 95.4  |       |





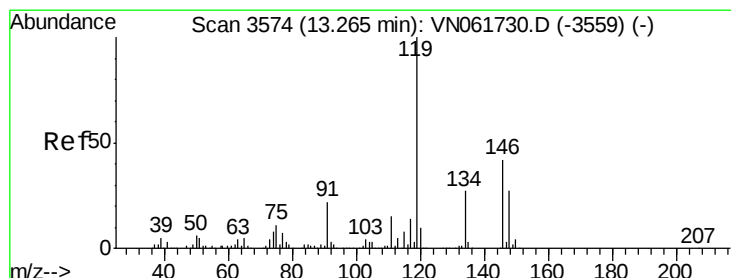
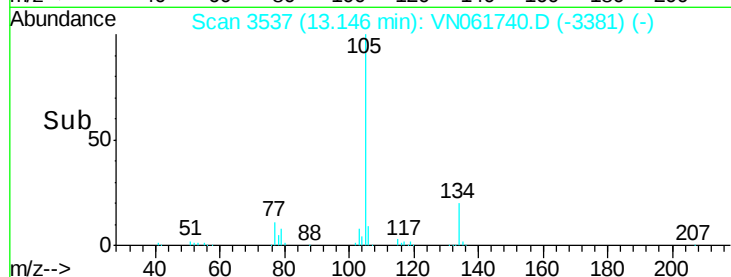
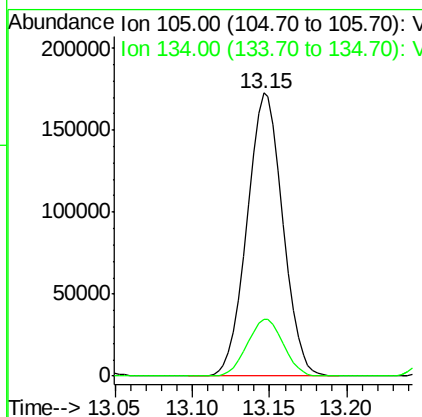
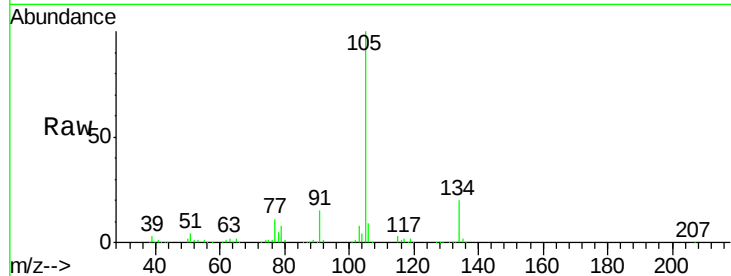
#81  
 sec-Butylbenzene  
 Concen: 18.979 ug/l  
 RT: 13.15 min Scan# 3537  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 276595 |       |       |
| 134     | 20.6  | 0.0    | 41.8  |       |

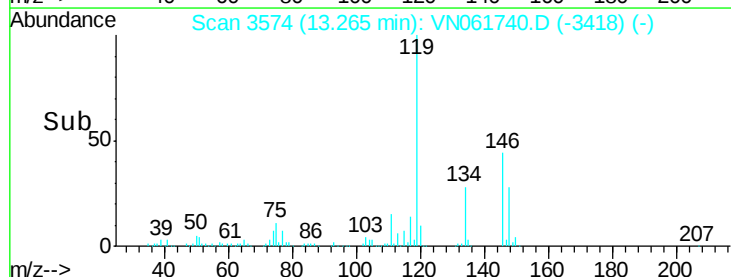
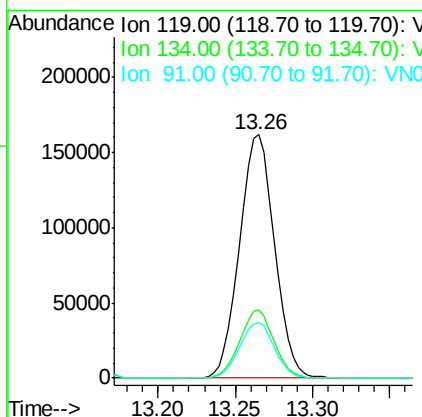
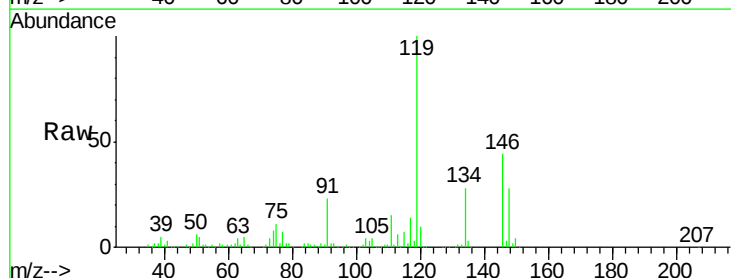
Manual Integrations  
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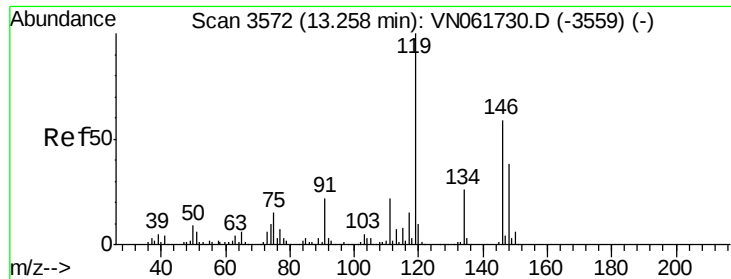
MMDadoda  
 6/11/2020 12:44:44 PM



#82  
 p-Isopropyltoluene  
 Concen: 18.785 ug/l  
 RT: 13.26 min Scan# 3574  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 254157 |       |       |
| 134     | 27.4  | 0.0    | 53.4  |       |
| 91      | 22.8  | 0.0    | 45.2  |       |





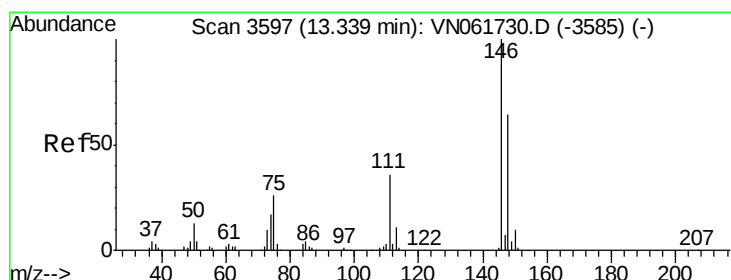
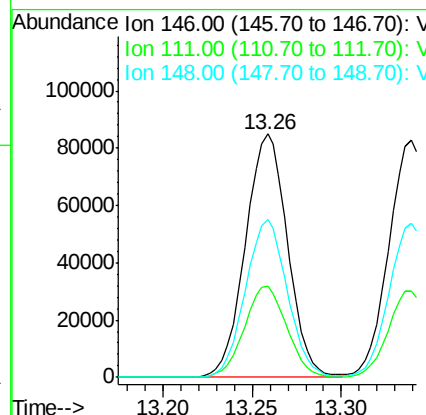
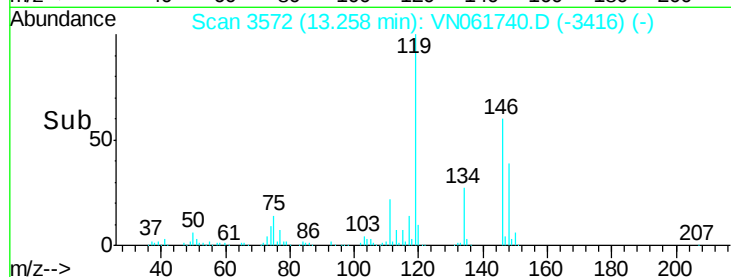
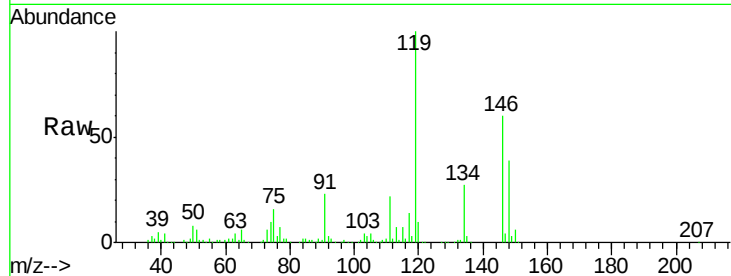
#83  
 1,3-Dichlorobenzene  
 Concen: 18.577 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 18.7  | 56.1  |
| 148     | 64.6  | 31.9  | 95.5  |

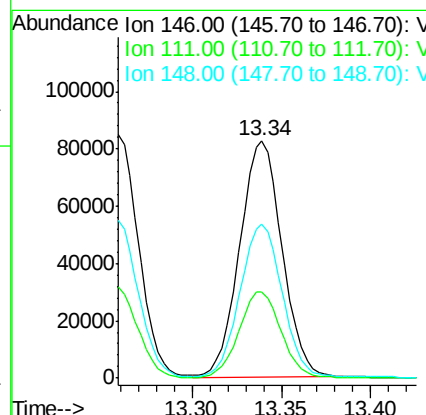
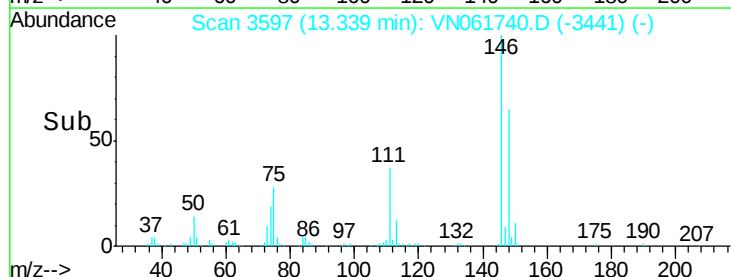
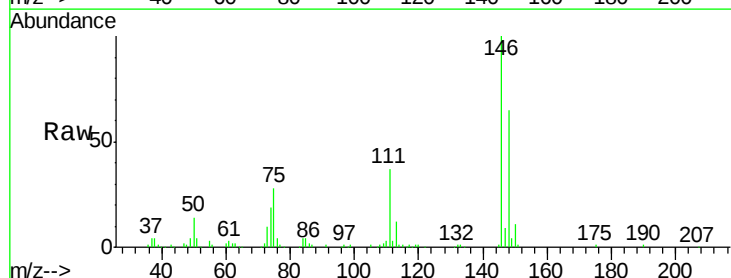
Manual Integrations  
 APPROVED

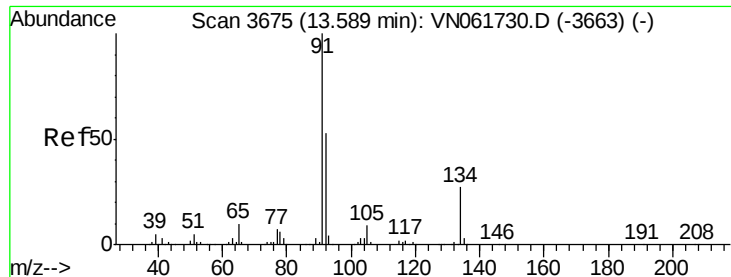
MMDadoda  
 6/11/2020 12:44:44 PM



#84  
 1,4-Dichlorobenzene  
 Concen: 18.408 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.7  | 18.6  | 55.8  |
| 148     | 65.7  | 32.2  | 96.6  |





#85

n-Butylbenzene

Concen: 18.297 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

Instrument :

MSVOA\_N

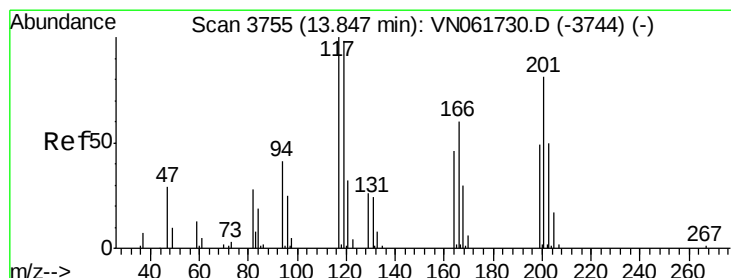
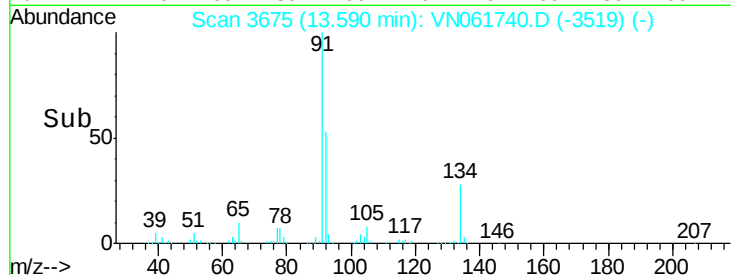
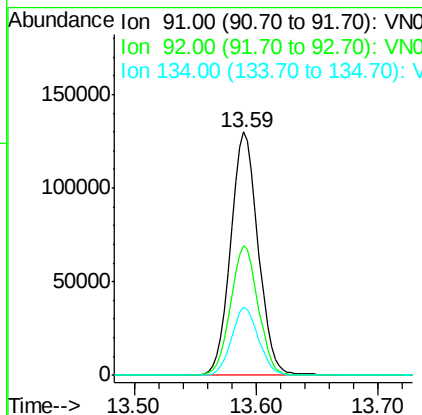
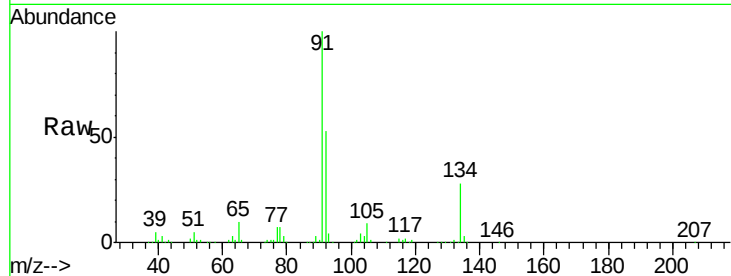
ClientSampleId :

VSTDCCC020EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 204470 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 53.3  | 0.0   | 107.2  |
| 134       | 27.5  | 0.0   | 55.8   |

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#86

Hexachloroethane

Concen: 20.806 ug/l

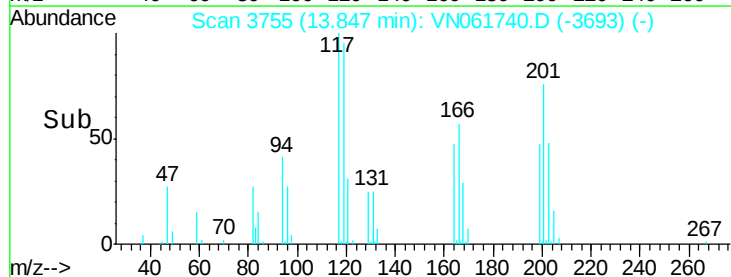
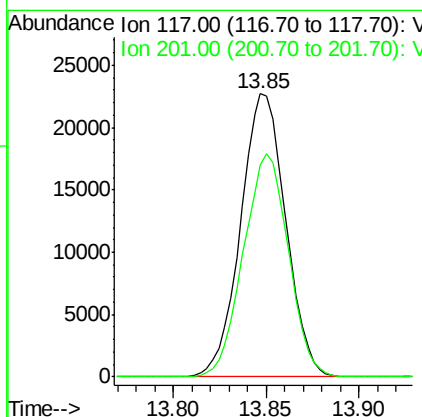
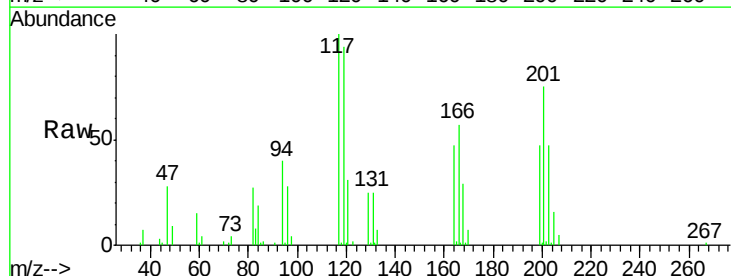
RT: 13.85 min Scan# 3755

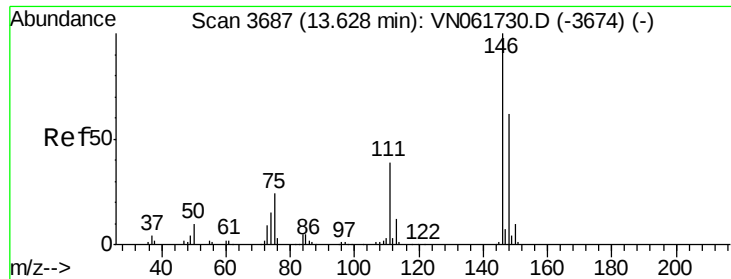
Delta R.T. 0.00 min

Lab File: VN061740.D

Acq: 10 Jun 2020 16:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 38325 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 78.7  | 39.1  | 117.5 |





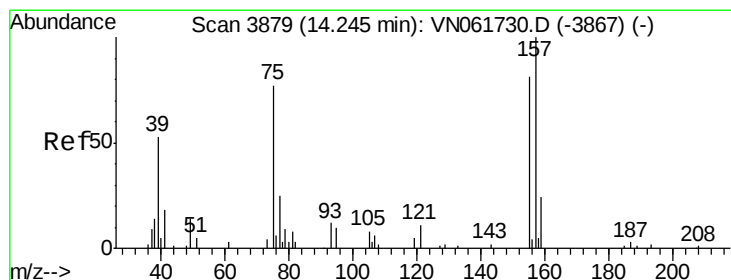
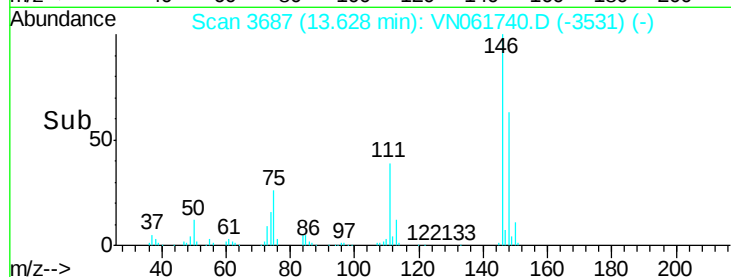
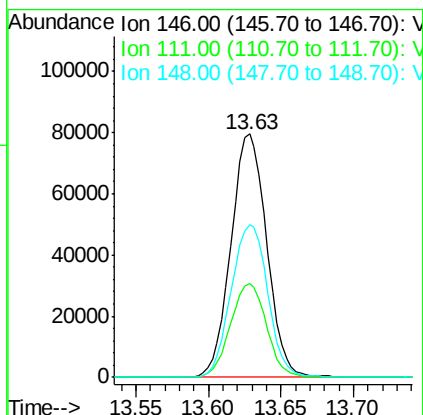
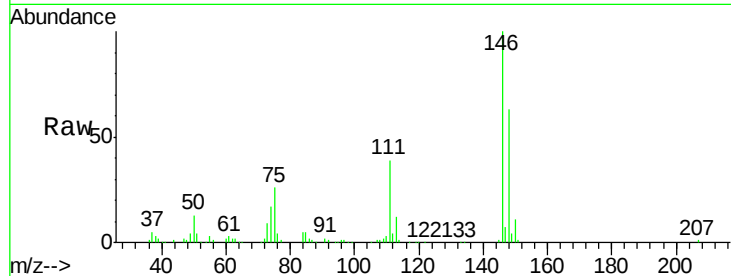
#87  
 1,2-Dichlorobenzene  
 Concen: 19.053 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 19.3  | 57.9  |
| 148     | 64.2  | 31.4  | 94.0  |

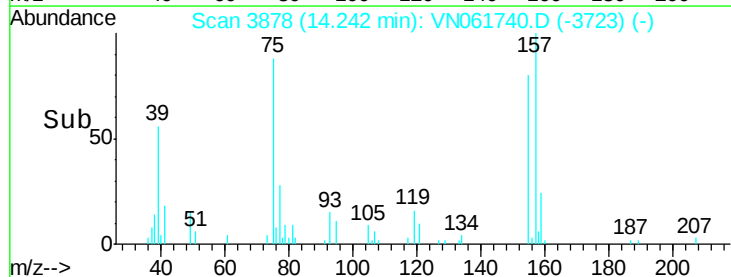
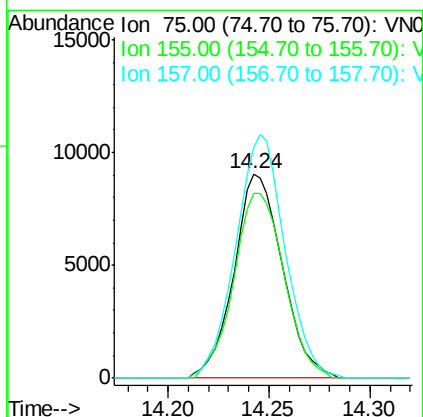
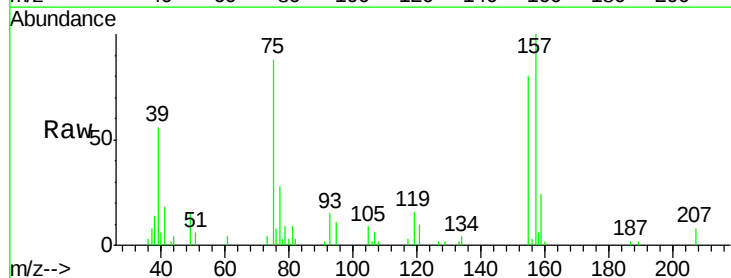
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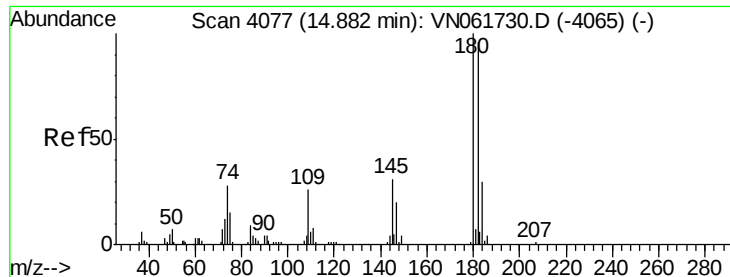
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#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.713 ug/l  
 RT: 14.24 min Scan# 3878  
 Delta R.T. -0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 94.1  | 79.6  | 119.4 |
| 157     | 121.3 | 100.8 | 151.2 |





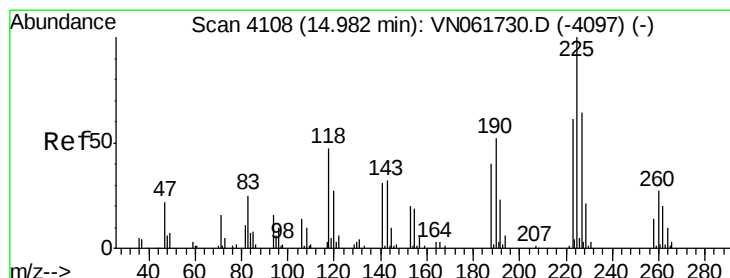
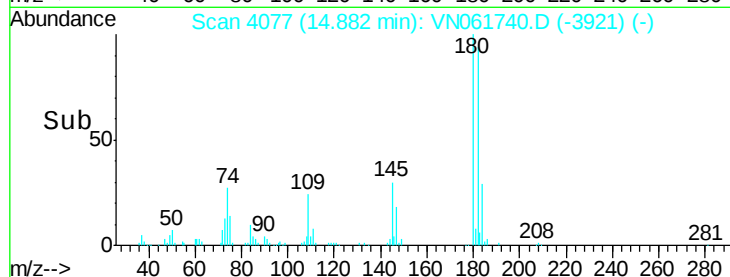
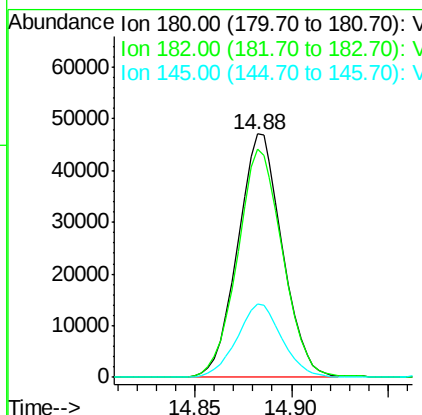
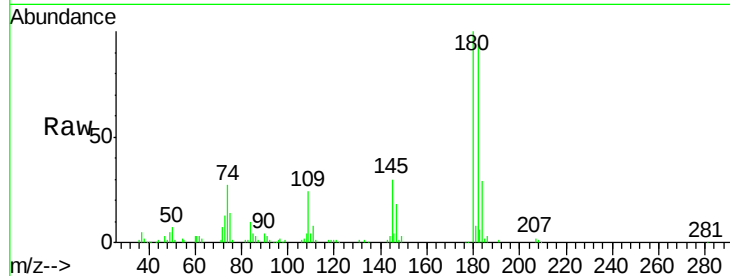
#89  
 1,2,4-Trichlorobenzene  
 Concen: 17.920 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 75.6  | 113.4 |
| 145     | 30.6  | 24.5  | 36.7  |

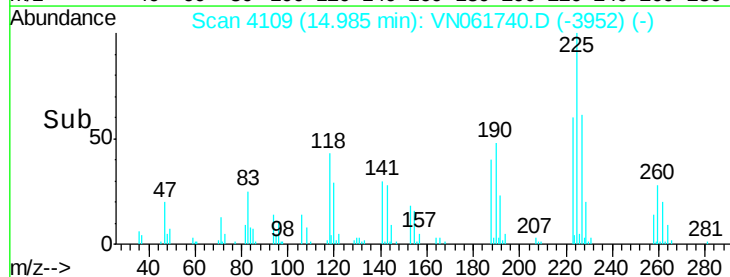
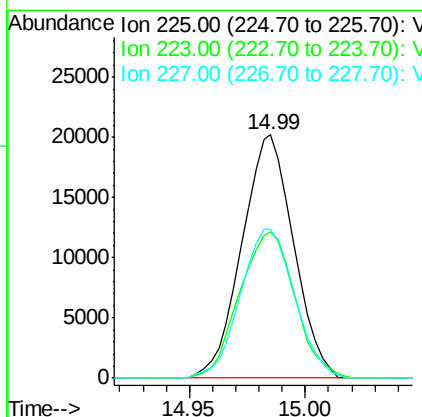
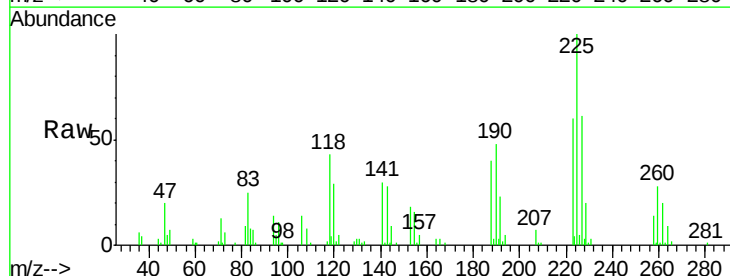
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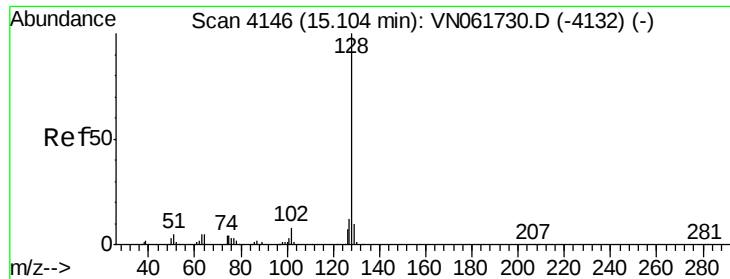
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#90  
 Hexachlorobutadiene  
 Concen: 17.199 ug/l  
 RT: 14.99 min Scan# 4109  
 Delta R.T. 0.00 min  
 Lab File: VN061740.D  
 Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.6  | 0.0   | 121.6 |
| 227     | 64.0  | 0.0   | 126.8 |





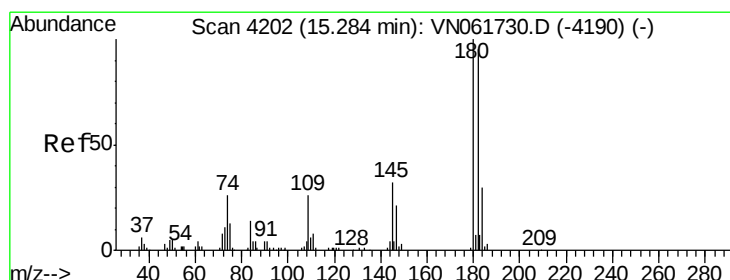
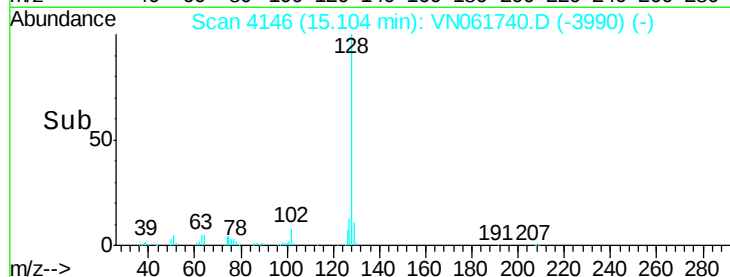
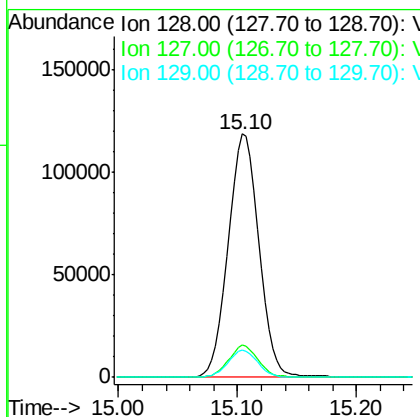
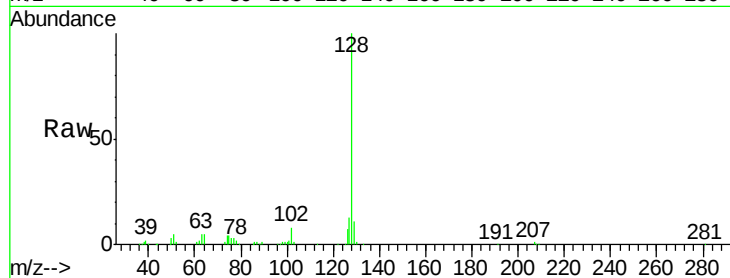
#91  
Naphthalene  
Concen: 18.212 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.2  | 15.2  |
| 129     | 10.8  | 8.6   | 12.8  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 18.433 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. 0.00 min  
Lab File: VN061740.D  
Acq: 10 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 0.0   | 191.0 |
| 145     | 33.2  | 0.0   | 64.6  |

