

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\  
 Data File : VN062588.D  
 Acq On : 22 Jul 2020 12:00  
 Operator : JC/MD  
 Sample : VN0722WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2020 2:15:00 PM

Quant Time: Jul 23 07:24:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 18:48:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 204108   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 338303   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 315886   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 142107   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 159042   | 50.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.32% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 111838   | 50.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.66% |      |
| 50) Toluene-d8            | 10.06  | 98  | 447535   | 50.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.96% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 158346   | 48.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.68%  |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 44491  | 18.274 | ug/l | 99     |
| 3) Chloromethane              | 2.04 | 50  | 57592  | 17.441 | ug/l | 97     |
| 4) Vinyl Chloride             | 2.16 | 62  | 51853  | 18.114 | ug/l | 100    |
| 5) Bromomethane               | 2.54 | 94  | 23706  | 18.697 | ug/l | 93     |
| 6) Chloroethane               | 2.67 | 64  | 23517  | 18.162 | ug/l | 98     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 62538  | 18.607 | ug/l | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 29012  | 18.459 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 41319  | 19.174 | ug/l | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 49528  | 17.978 | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 45140  | 89.493 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 40021  | 18.312 | ug/l | 99     |
| 13) Acrolein                  | 3.57 | 56  | 38311  | 78.809 | ug/l | 99     |
| 14) Allyl chloride            | 4.28 | 41  | 85236  | 18.030 | ug/l | 99     |
| 15) Acrylonitrile             | 4.93 | 53  | 124037 | 91.810 | ug/l | 99     |
| 16) Acetone                   | 3.77 | 43  | 112981 | 94.690 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 128187 | 17.852 | ug/l | 99     |
| 18) Methyl Acetate            | 4.28 | 43  | 55687  | 18.436 | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 146773 | 18.247 | ug/l | 100    |
| 20) Methylene Chloride        | 4.50 | 84  | 51901  | 18.136 | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 45071  | 18.581 | ug/l | 98     |
| 22) Diisopropyl ether         | 5.90 | 45  | 177309 | 18.869 | ug/l | 97     |
| 23) Vinyl Acetate             | 5.84 | 43  | 724877 | 94.145 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 95669  | 18.906 | ug/l | 100    |
| 25) 2-Butanone                | 6.79 | 43  | 170753 | 93.967 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 76915  | 18.516 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 51336  | 18.547 | ug/l | 97     |
| 28) Bromochloromethane        | 7.15 | 49  | 50994  | 20.477 | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 113939 | 92.664 | ug/l | 100    |
| 30) Chloroform                | 7.33 | 83  | 91134  | 18.942 | ug/l | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 84758  | 18.142 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 75844  | 18.881 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 66838  | 18.535 | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 69647  | 17.918 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 67140  | 19.370 | ug/l | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\  
 Data File : VN062588.D  
 Acq On : 22 Jul 2020 12:00  
 Operator : JC/MD  
 Sample : VN0722WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2020 2:15:00 PM

Quant Time: Jul 23 07:24:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 18:48:59 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 72851    | 18.768  | ug/l   | 96       |
| 40) Benzene                    | 8.00  | 78   | 201885   | 18.493  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 28576    | 17.153  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 75627    | 18.949  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.12  | 43   | 114119   | 18.212  | ug/l   | 100      |
| 44) Trichloroethene            | 8.80  | 130  | 46373    | 18.836  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 58136    | 18.967  | ug/l   | 97       |
| 46) Dibromomethane             | 9.18  | 93   | 33150    | 18.712  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 70832    | 18.455  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 54002    | 18.129  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 18294    | 399.871 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 345726   | 92.211  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 121688   | 19.196  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 79115    | 18.517  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 87385    | 19.061  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 46524    | 18.921  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 73468    | 17.820  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 83780    | 18.598  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 114977   | 97.330  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 248790   | 87.745  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 51574    | 18.801  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 47062    | 18.381  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 39232    | 19.115  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.41 | 112  | 125074   | 18.887  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 46234    | 18.558  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 228067   | 18.783  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 167728   | 38.432  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 78243    | 18.880  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 132617   | 18.943  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 34342    | 18.359  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.22 | 105  | 211316   | 18.806  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 92511    | 18.436  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 68471    | 17.536  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 67318m   | 18.611  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 49489    | 18.327  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.56 | 91   | 250648   | 19.043  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 151862   | 18.722  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 181124   | 19.432  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 23270    | 17.909  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 156688   | 18.558  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 147386   | 19.043  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 175423   | 19.185  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 198202   | 19.128  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 171475   | 19.241  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 86204    | 18.191  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 86087    | 18.454  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 138922   | 18.142  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 34803    | 18.345  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 83481    | 18.424  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 12380    | 17.463  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\  
Data File : VN062588.D  
Acq On : 22 Jul 2020 12:00  
Operator : JC/MD  
Sample : VN0722WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

Manual Integrations  
APPROVED

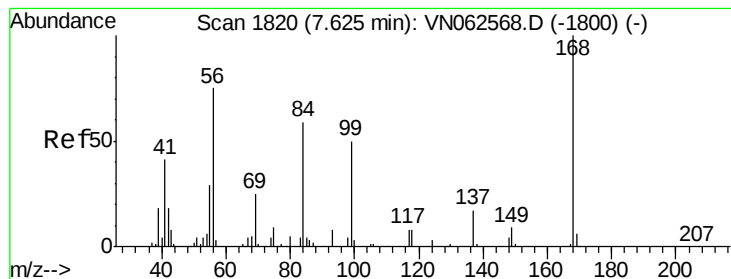
MMDadoda  
7/23/2020 2:15:00 PM

Quant Time: Jul 23 07:24:07 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 21 18:48:59 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 35848    | 17.217 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 23788    | 19.138 | ug/l  | 98       |
| 95) Naphthalene            | 15.10 | 128  | 85991    | 16.345 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 36249    | 16.976 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion:168 Resp: 204108

Ion Ratio Lower Upper

168 100

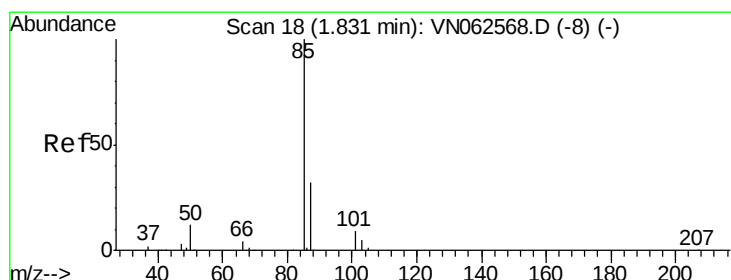
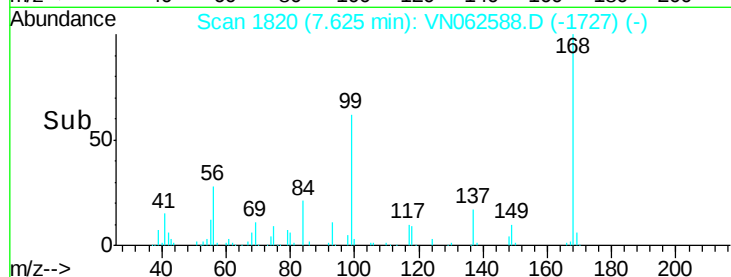
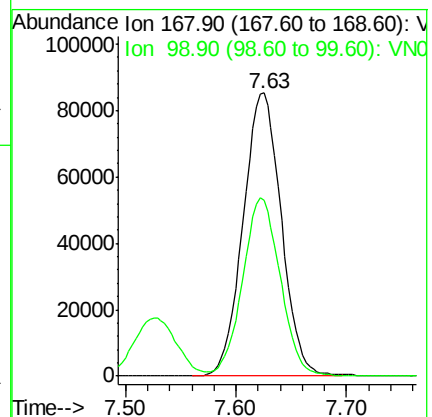
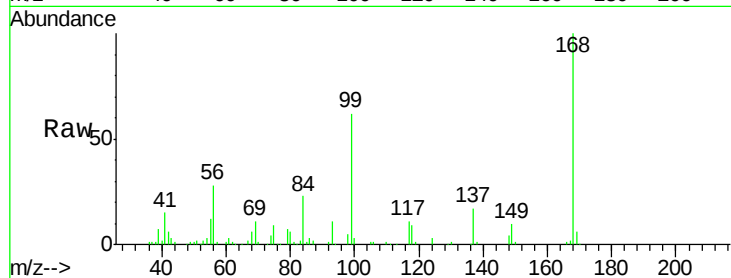
99 61.6 48.4 72.6

Manual Integrations

APPROVED

MMDadoda

7/23/2020 2:15:00 PM



#2

Dichlorodifluoromethane

Concen: 18.274 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN062588.D

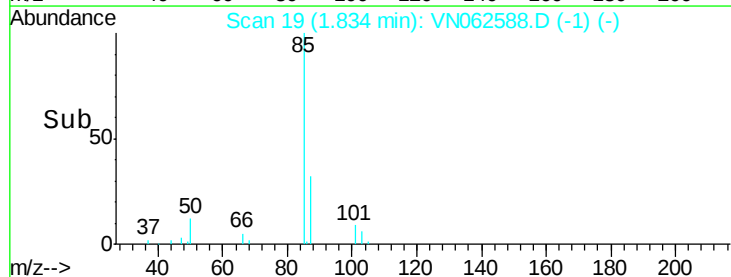
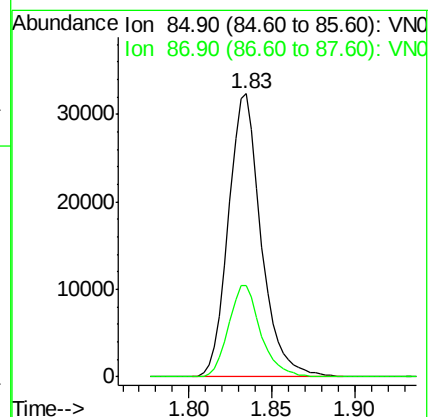
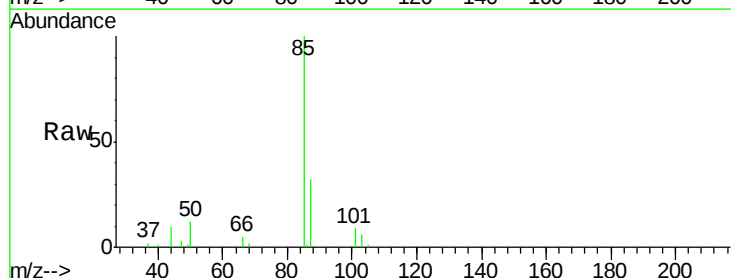
Acq: 22 Jul 2020 12:00

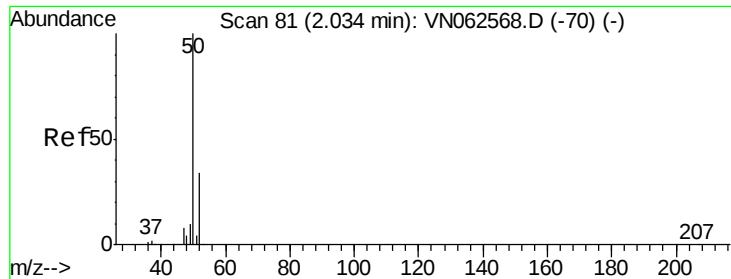
Tgt Ion: 85 Resp: 44491

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0





#3

Chloromethane

Concen: 17.441 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 50 Resp: 57592

Ion Ratio Lower Upper

50 100

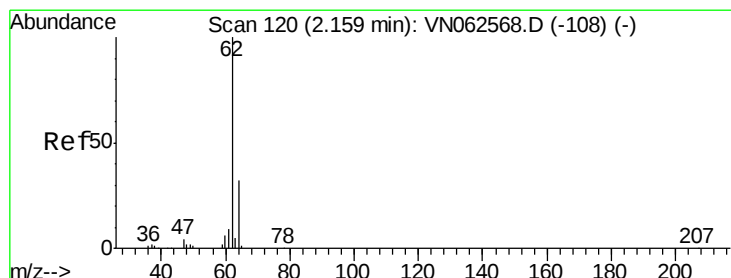
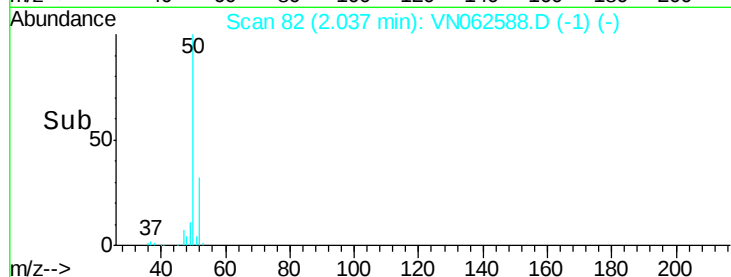
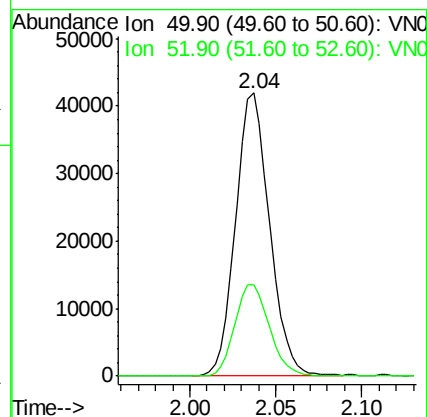
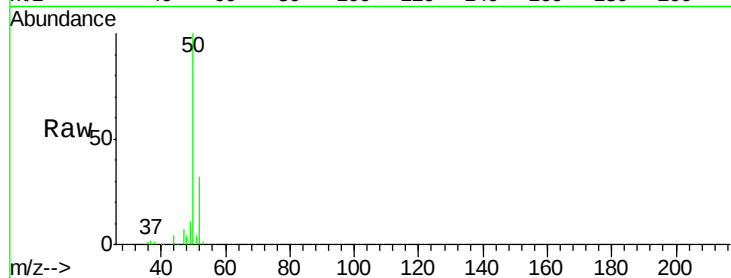
52 32.3 27.0 40.4

Manual Integrations

APPROVED

MMDadoda

7/23/2020 2:15:00 PM



#4

Vinyl Chloride

Concen: 18.114 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062588.D

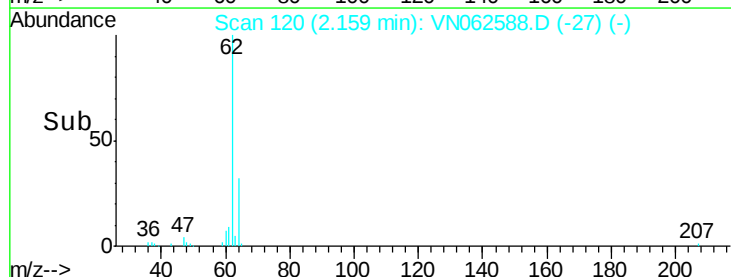
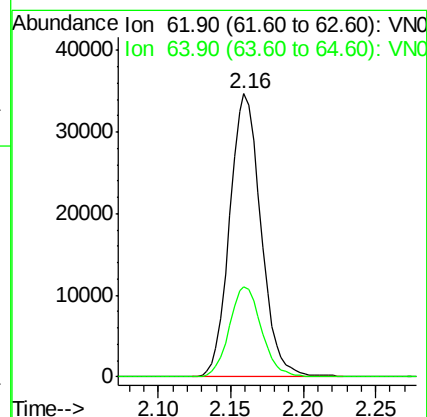
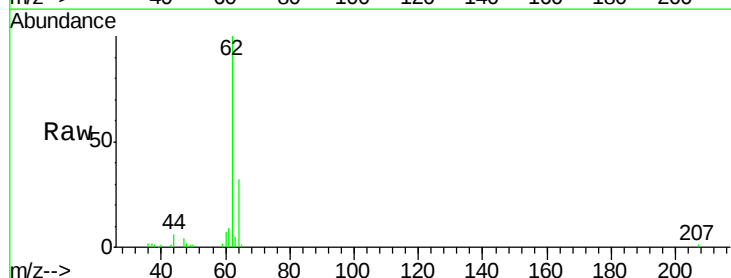
Acq: 22 Jul 2020 12:00

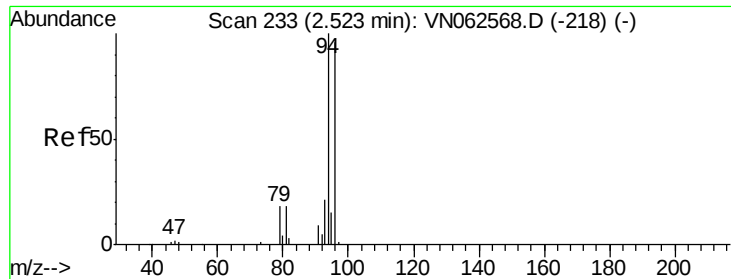
Tgt Ion: 62 Resp: 51853

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 18.697 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 94 Resp: 23706

Ion Ratio Lower Upper

94 100

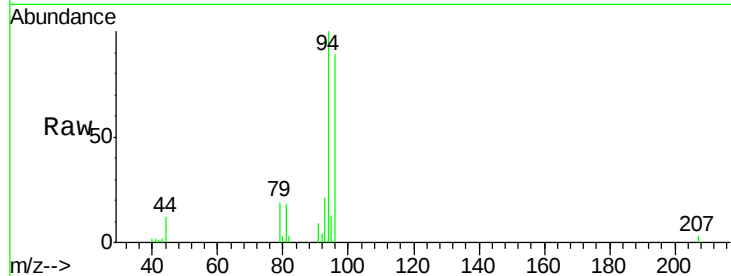
96 89.2 76.6 114.8

Manual Integrations

APPROVED

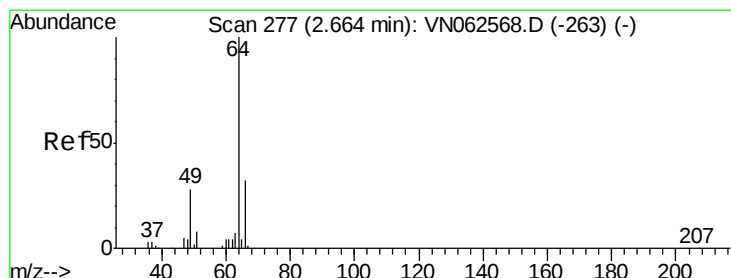
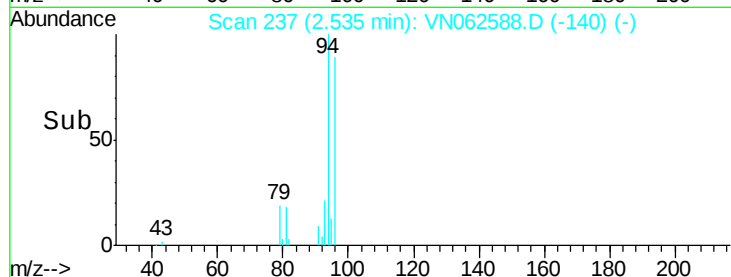
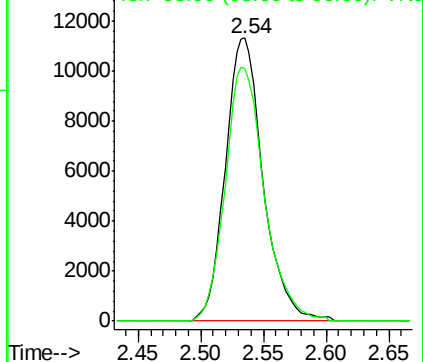
MMDadoda

7/23/2020 2:15:00 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.162 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062588.D

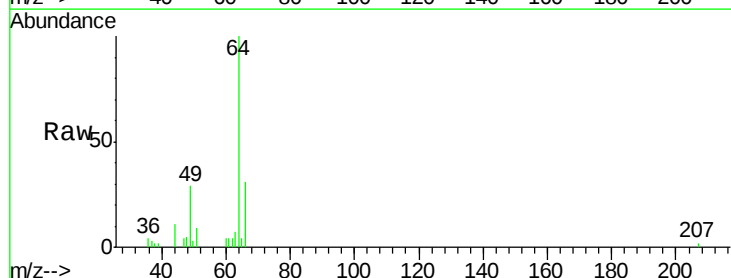
Acq: 22 Jul 2020 12:00

Tgt Ion: 64 Resp: 23517

Ion Ratio Lower Upper

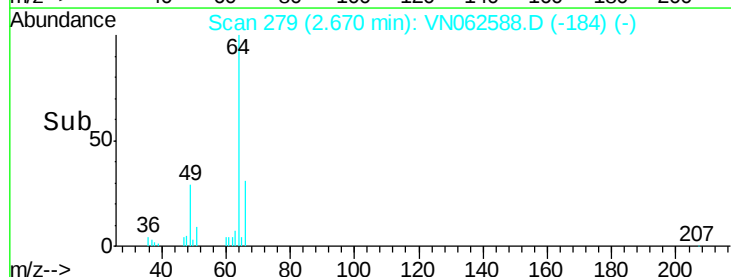
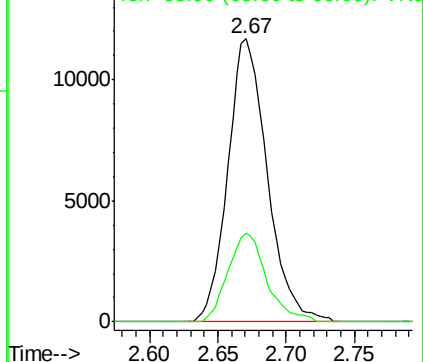
64 100

66 31.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

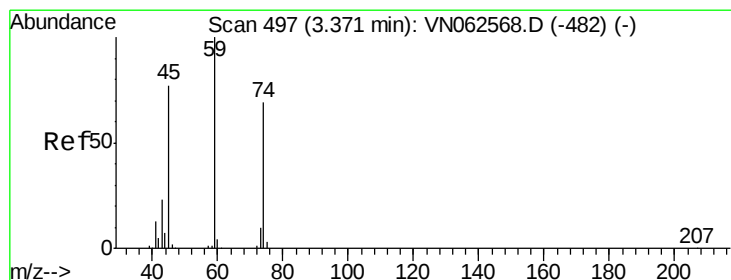
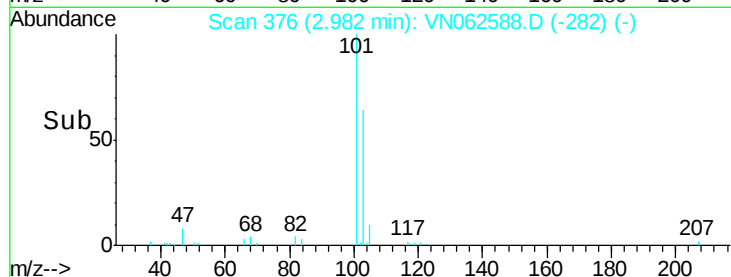
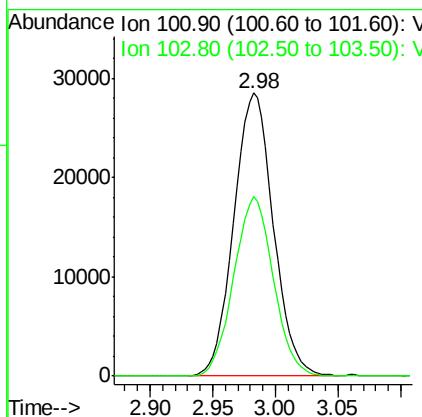
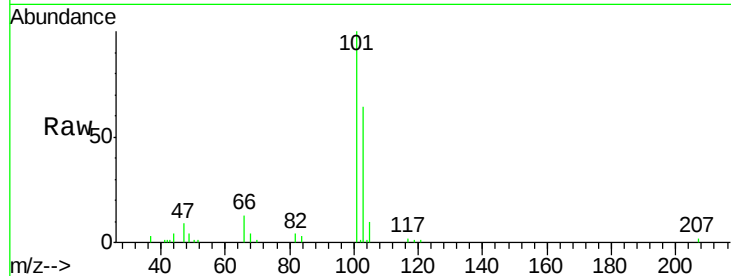
Trichlorofluoromethane  
 Concen: 18.607 ug/l  
 RT: 2.98 min Scan# 376  
 Delta R.T. 0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.5  | 51.5  | 77.3  |

Manual Integrations  
 APPROVED

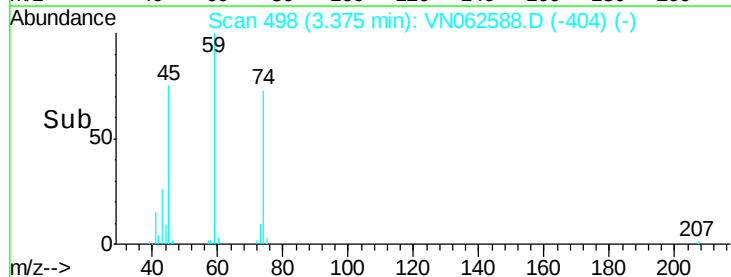
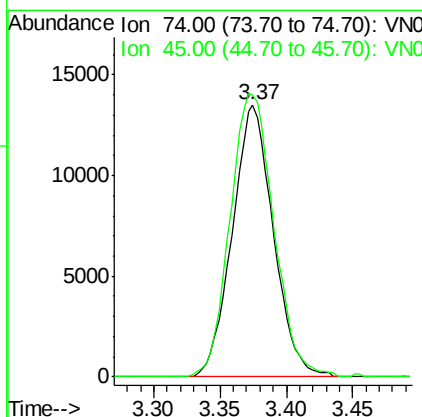
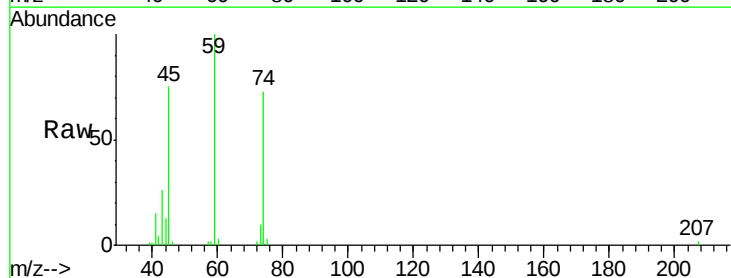
MMDadoda  
 7/23/2020 2:15:00 PM

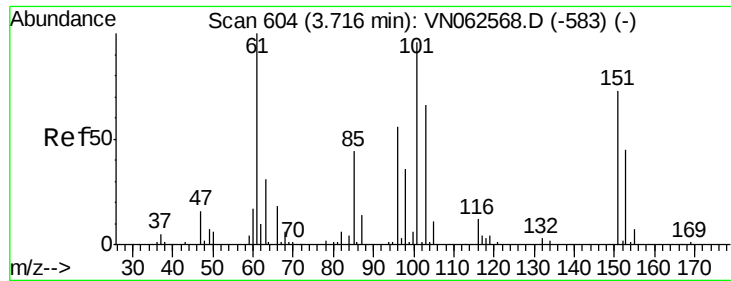


#8

Diethyl Ether  
 Concen: 18.459 ug/l  
 RT: 3.37 min Scan# 498  
 Delta R.T. 0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 111.3 | 55.3  | 165.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.174 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

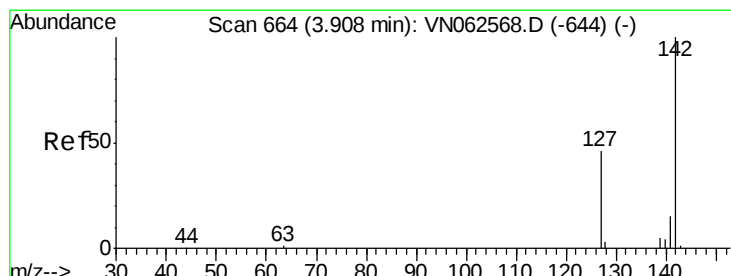
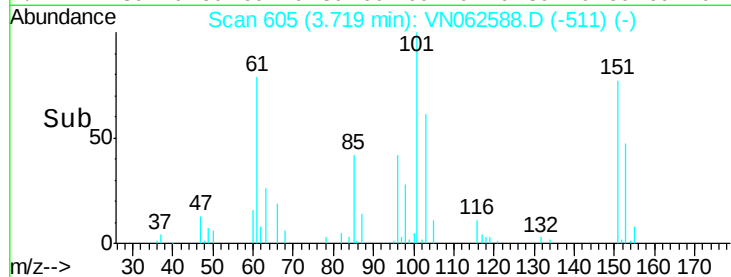
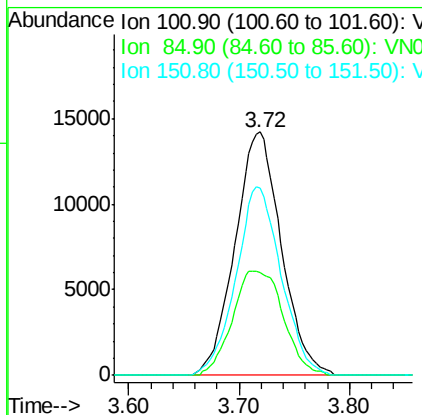
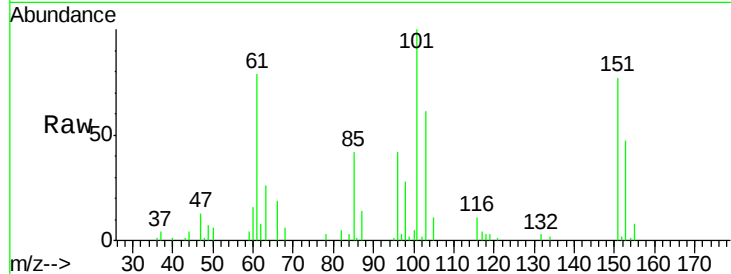
ClientSampleId :

VN0722WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 41319 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.0  | 36.0  | 54.0  |
| 151       | 75.6  | 60.0  | 90.0  |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM



#10

Methyl Iodide

Concen: 17.978 ug/l

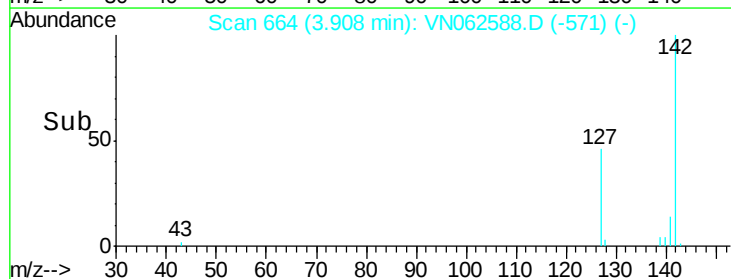
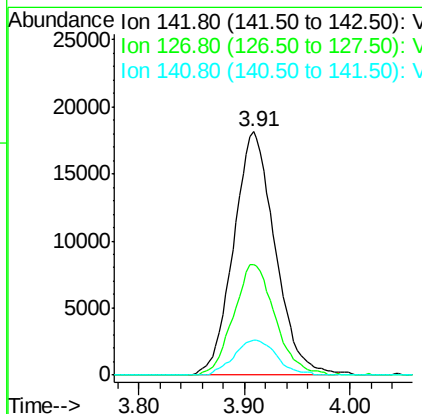
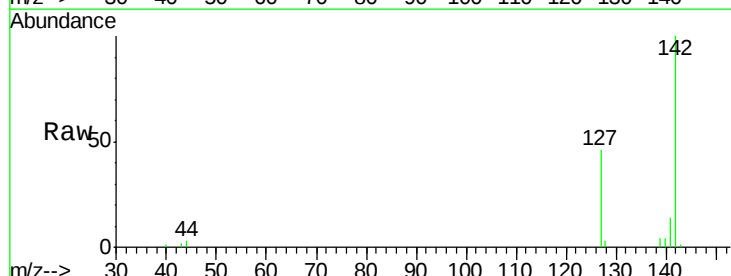
RT: 3.91 min Scan# 664

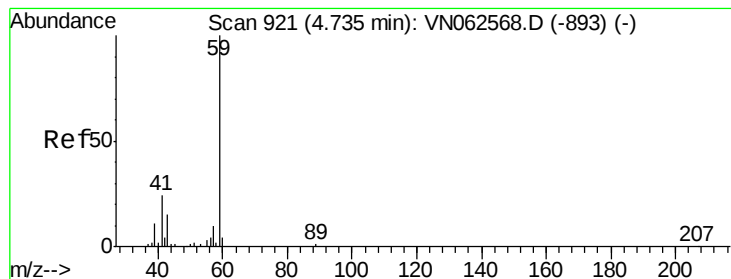
Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 49528 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 45.5  | 37.4  | 56.0  |
| 141       | 14.8  | 11.9  | 17.9  |





#11

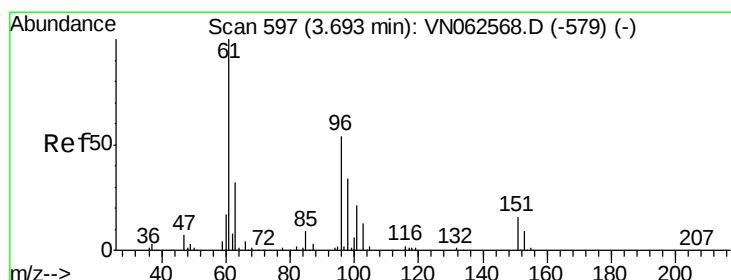
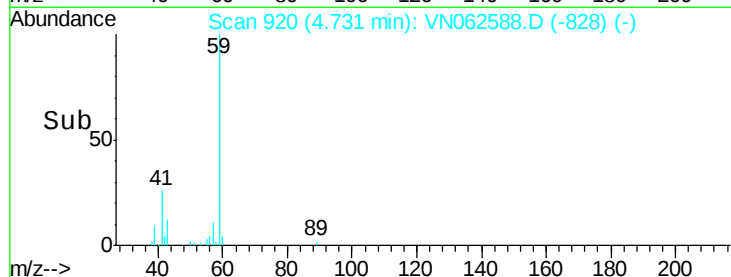
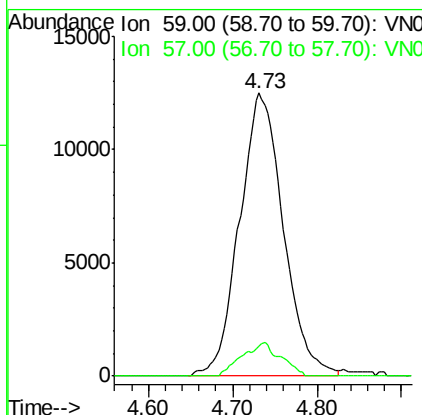
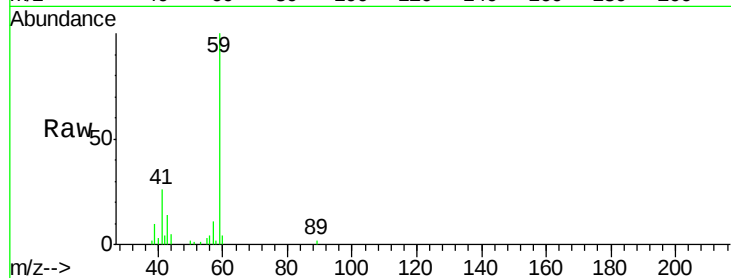
Tert butyl alcohol  
 Concen: 89.493 ug/l  
 RT: 4.73 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0722WBS01

| Tot Ion   | 59   | Resp  | 45140 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.3 | 8.2   | 12.2  |

Manual Integrations  
 APPROVED

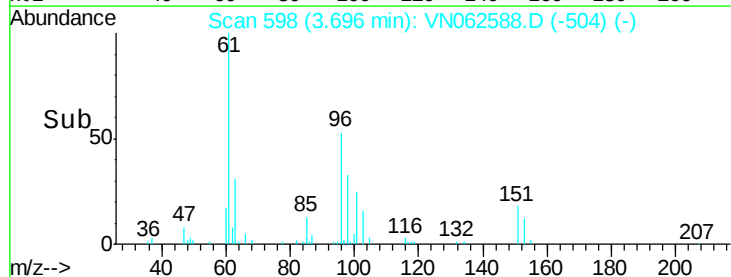
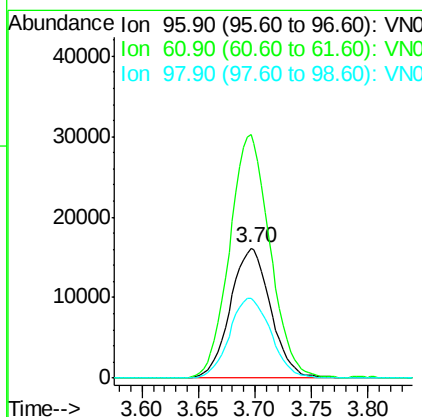
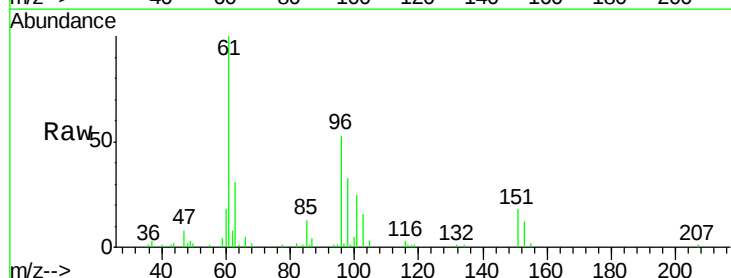
MMDadoda  
 7/23/2020 2:15:00 PM

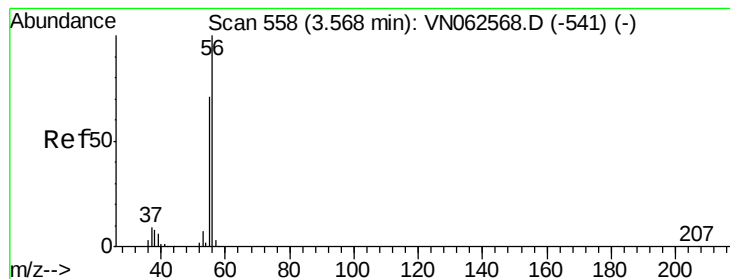


#12

1,1-Dichloroethene  
 Concen: 18.312 ug/l  
 RT: 3.70 min Scan# 598  
 Delta R.T. 0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion   | 96    | Resp  | 40021 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 187.3 | 148.6 | 222.8 |
| 98        | 61.2  | 50.6  | 75.8  |





#13

Acrolein

Concen: 78.809 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 56 Resp: 38311

Ion Ratio Lower Upper

56 100

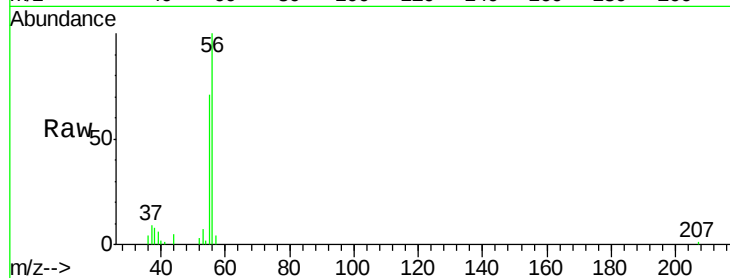
55 70.2 57.0 85.4

Manual Integrations

APPROVED

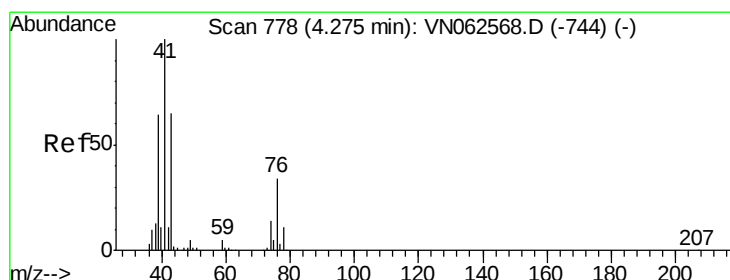
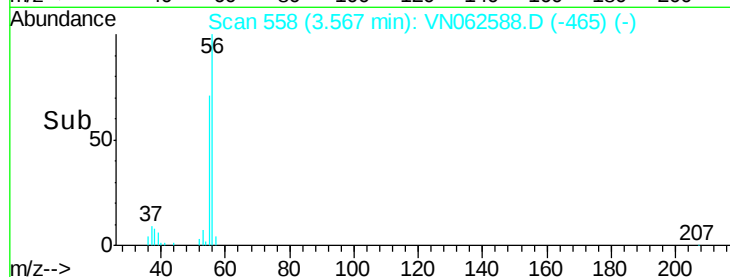
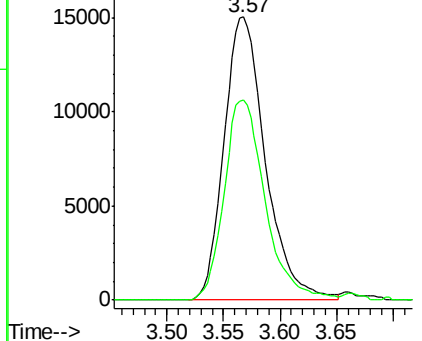
MMDadoda

7/23/2020 2:15:00 PM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.030 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

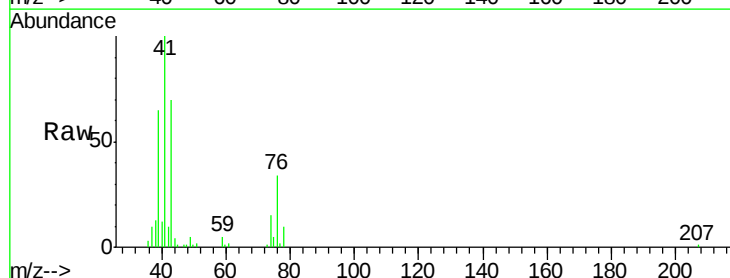
Tgt Ion: 41 Resp: 85236

Ion Ratio Lower Upper

41 100

39 62.0 49.0 73.4

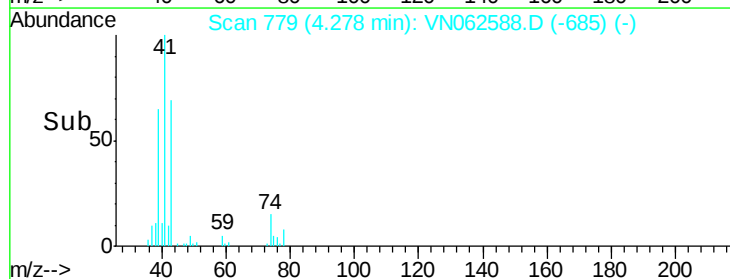
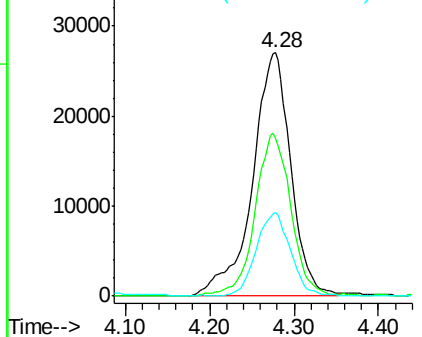
76 30.5 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 91.810 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

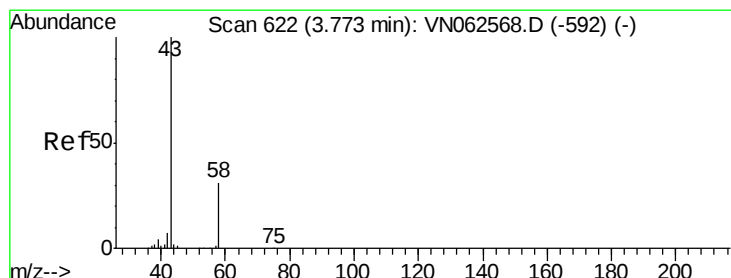
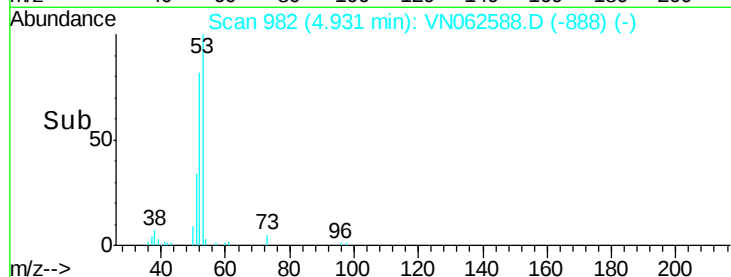
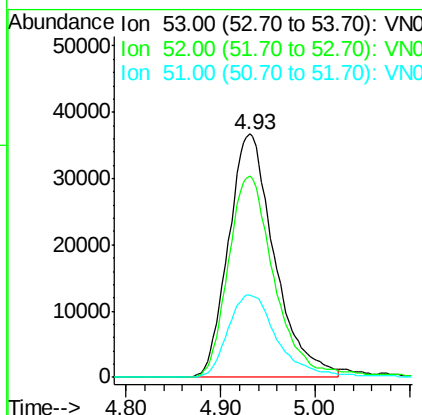
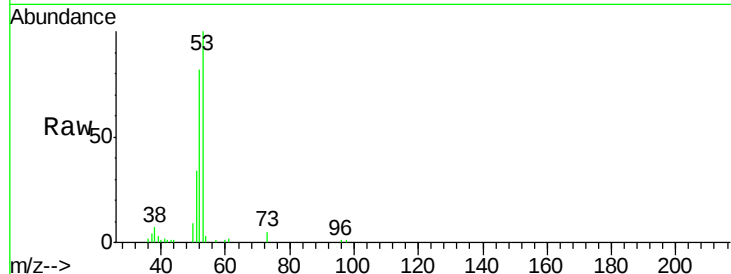
ClientSampled :

VN0722WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 124037 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.7  | 66.3  | 99.5   |
| 51        | 36.5  | 28.6  | 43.0   |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM



#16

Acetone

Concen: 94.690 ug/l

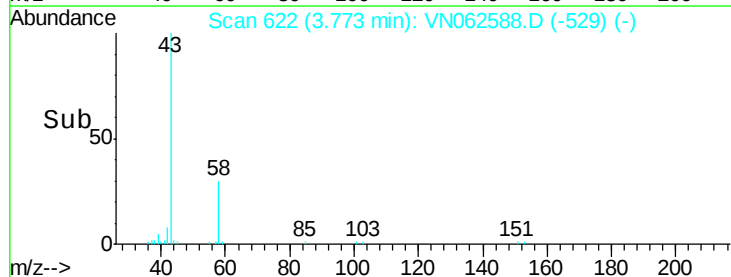
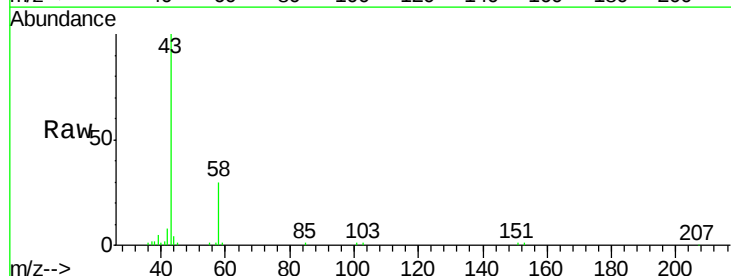
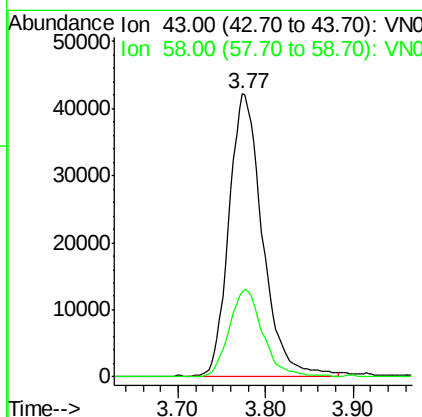
RT: 3.77 min Scan# 622

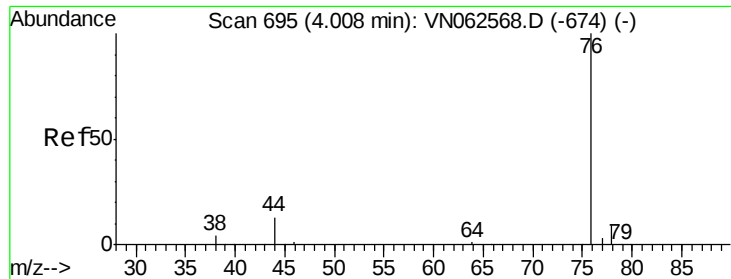
Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 112981 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.1  | 24.6  | 37.0   |





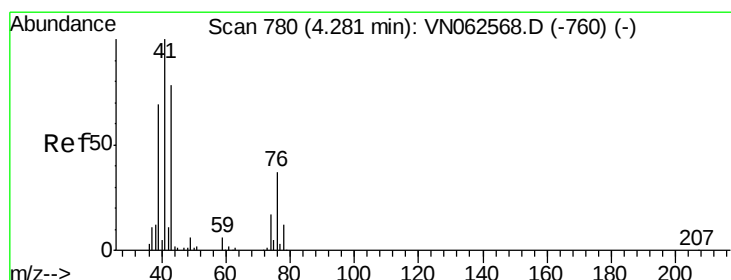
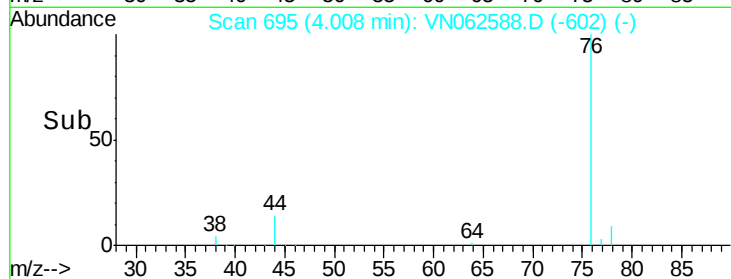
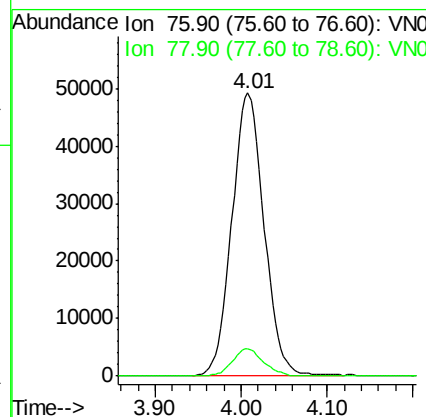
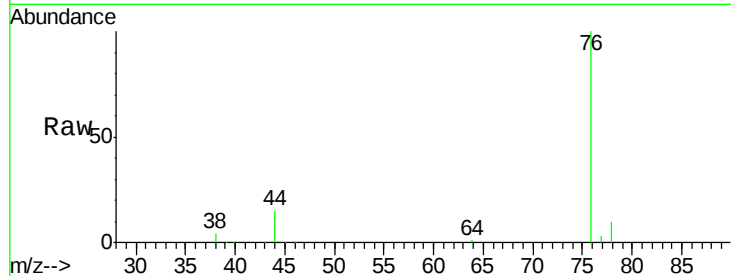
#17  
Carbon Disulfide  
Concen: 17.852 ug/l  
RT: 4.01 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.3   | 10.9  |

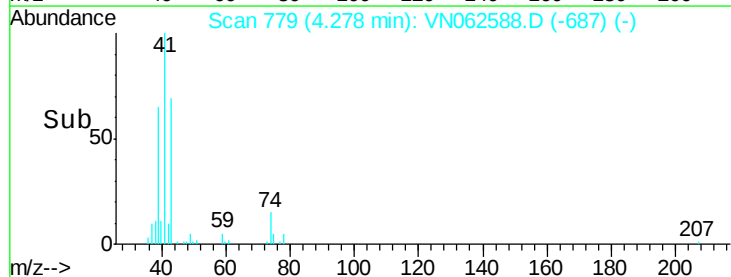
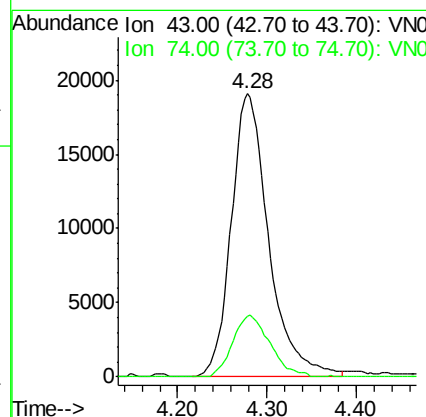
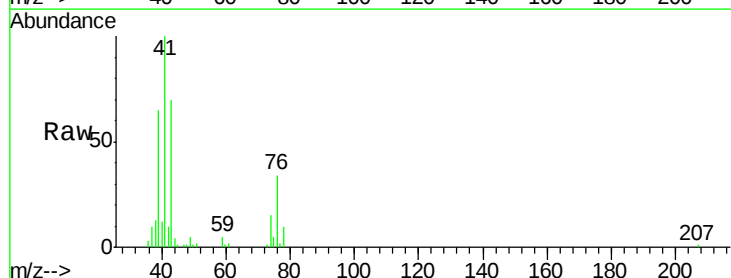
Manual Integrations  
APPROVED

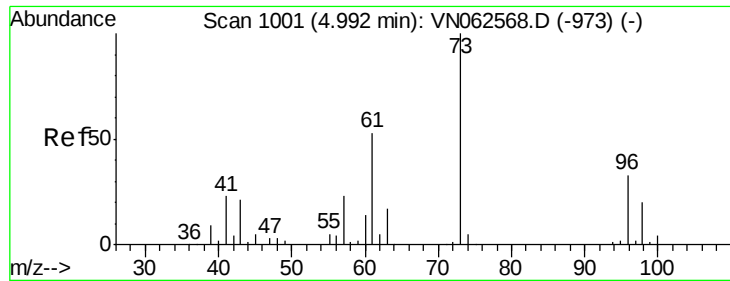
MMDadoda  
7/23/2020 2:15:00 PM



#18  
Methyl Acetate  
Concen: 18.436 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.7  | 16.6  | 24.8  |





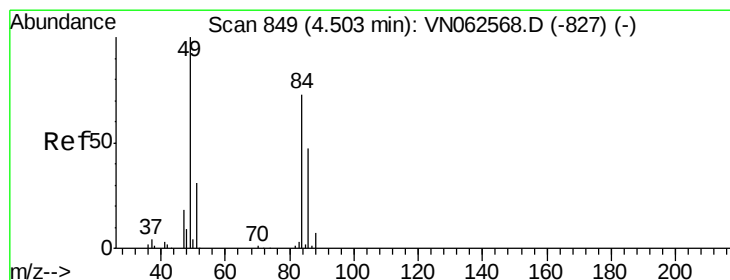
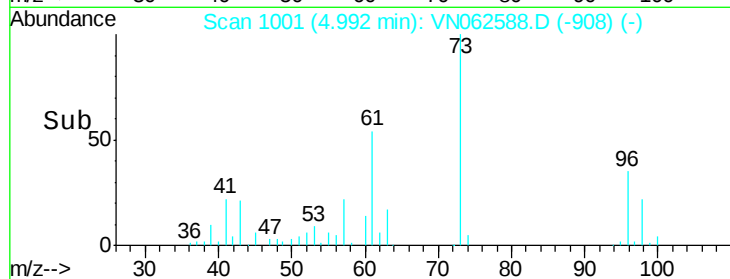
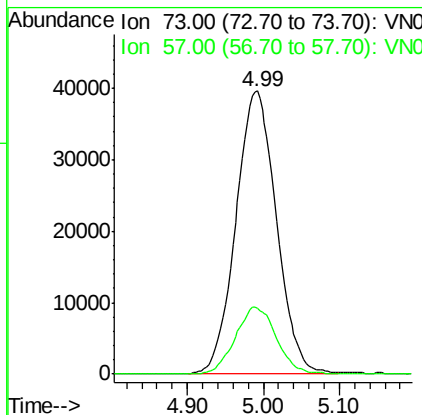
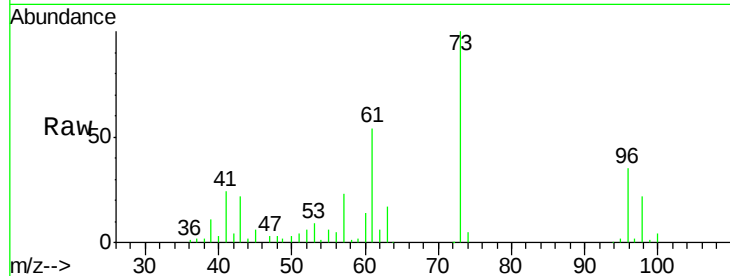
#19  
Methvl tert-butvl Ether  
Concen: 18.247 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

Tot Ion: 73 Resp: 146773  
Ion Ratio Lower Upper  
73 100  
57 23.0 18.6 27.8

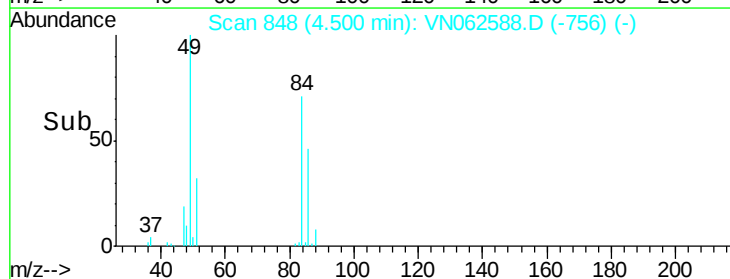
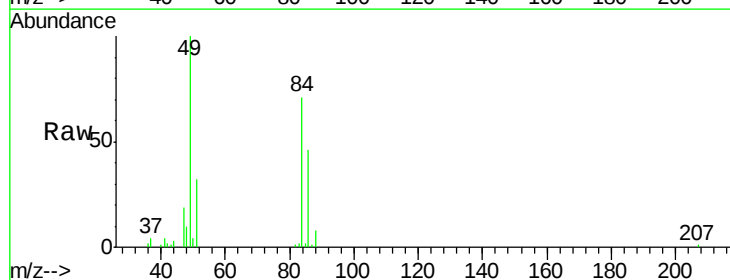
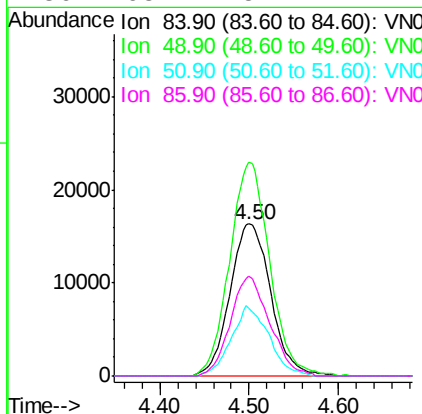
Manual Integrations  
APPROVED

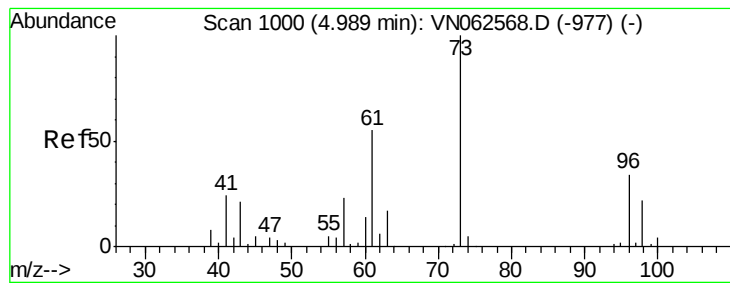
MMDadoda  
7/23/2020 2:15:00 PM



#20  
Methylene Chloride  
Concen: 18.136 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Tgt Ion: 84 Resp: 51901  
Ion Ratio Lower Upper  
84 100  
49 140.3 109.4 164.0  
51 44.7 33.6 50.4  
86 65.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.581 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 96 Resp: 45071

Ion Ratio Lower Upper

96 100

61 157.1 128.6 192.8

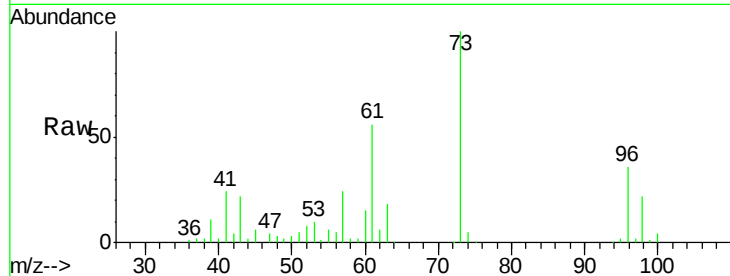
98 62.4 50.6 76.0

Manual Integrations

APPROVED

MMDadoda

7/23/2020 2:15:00 PM

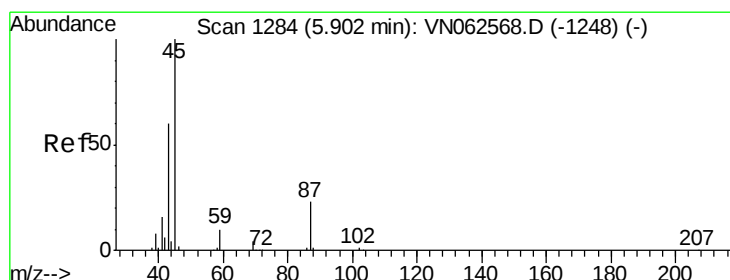
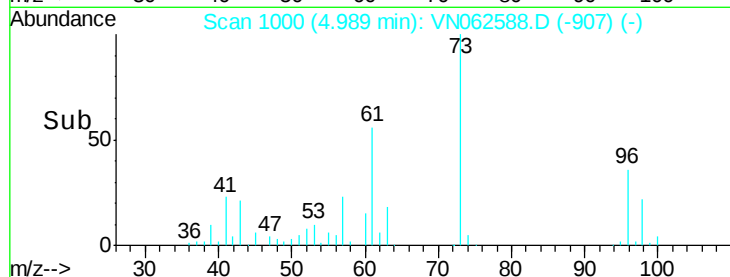


Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-977) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-977) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-977) (-)

Time-->



#22

Diisopropyl ether

Concen: 18.869 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Tgt Ion: 45 Resp: 177309

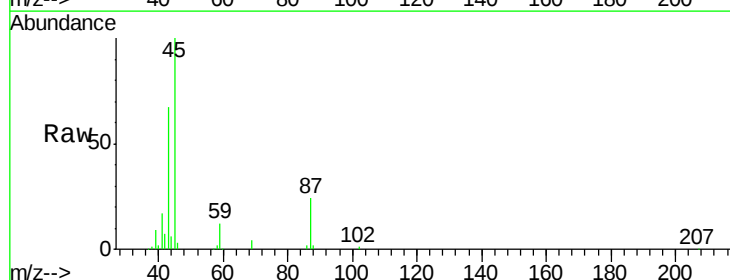
Ion Ratio Lower Upper

45 100

43 64.0 48.7 73.1

87 24.3 19.0 28.6

59 11.3 8.6 13.0



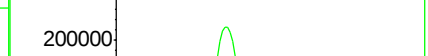
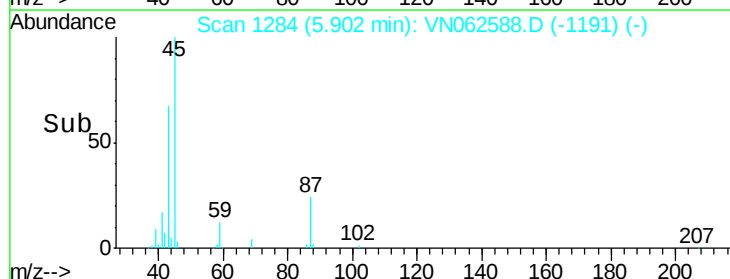
Abundance Ion 45.00 (44.70 to 45.70): VN062568.D (-1248) (-)

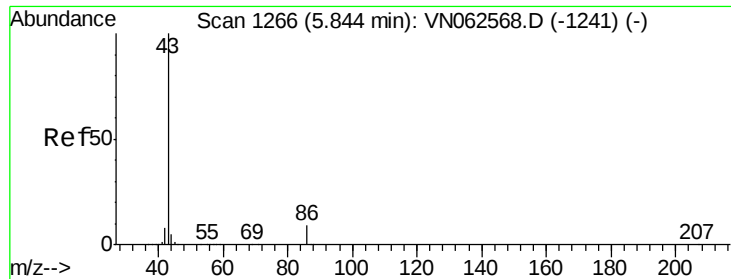
Ion 43.00 (42.70 to 43.70): VN062568.D (-1248) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1248) (-)

Ion 59.00 (58.70 to 59.70): VN062568.D (-1248) (-)

Time-->





#23

Vinyl Acetate

Concen: 94.145 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 43 Resp: 724877

Ion Ratio Lower Upper

43 100

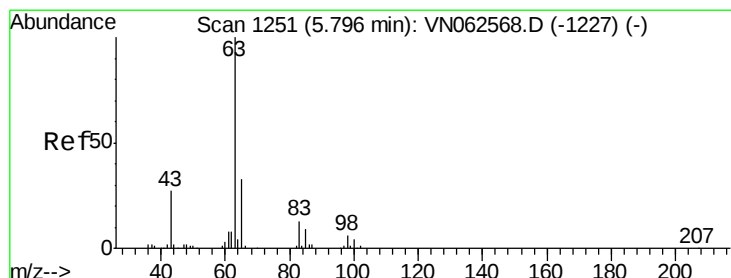
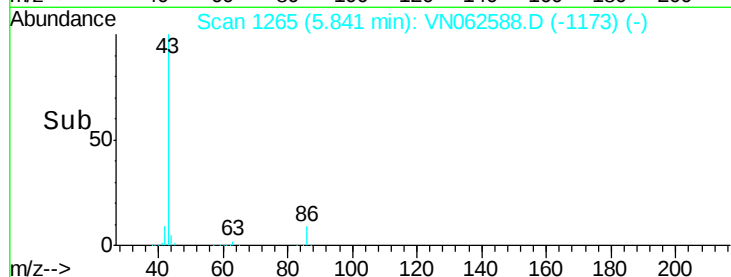
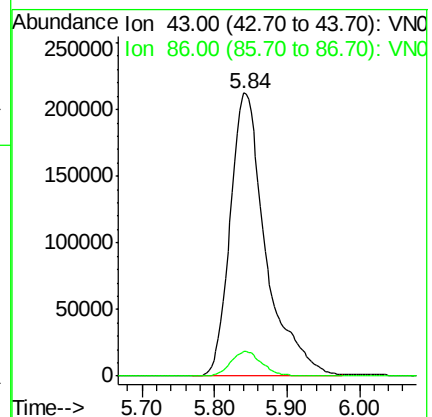
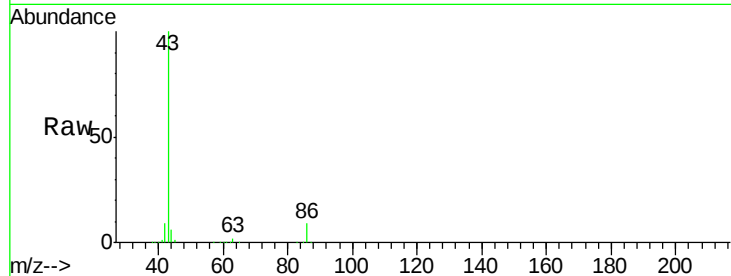
86 8.7 6.9 10.3

Manual Integrations

APPROVED

MMDadoda

7/23/2020 2:15:00 PM



#24

1,1-Dichloroethane

Concen: 18.906 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

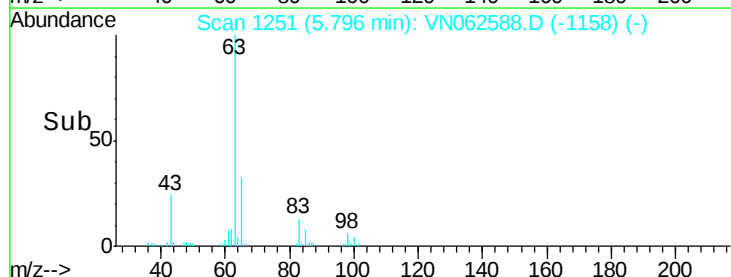
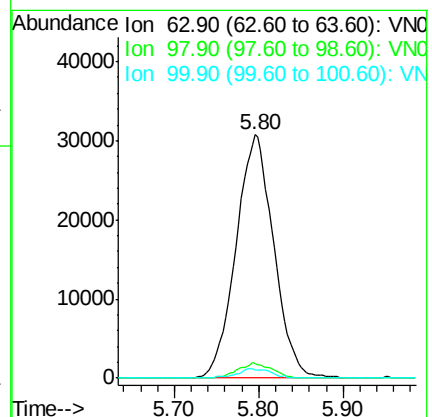
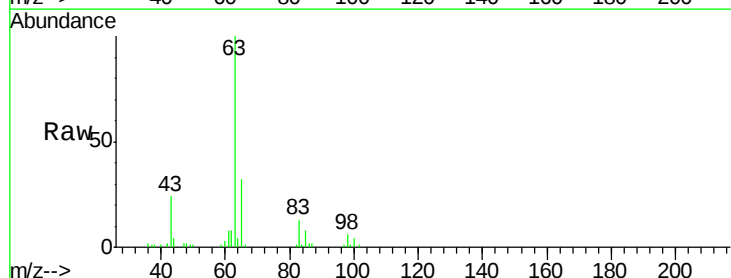
Tgt Ion: 63 Resp: 95669

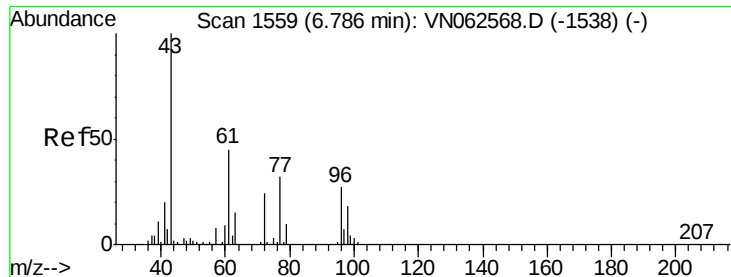
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.5 1.8 5.4





#25

2-Butanone

Concen: 93.967 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 43 Resp: 170753

Ion Ratio Lower Upper

43 100

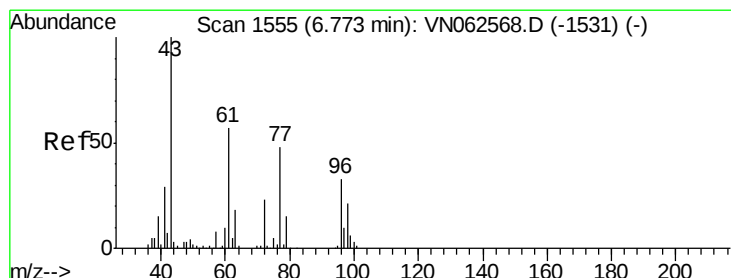
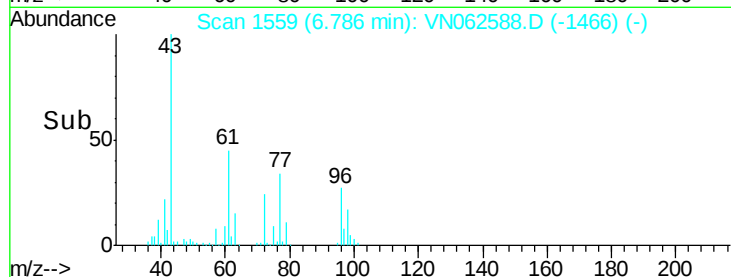
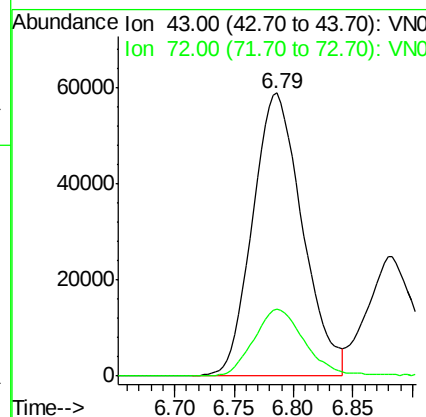
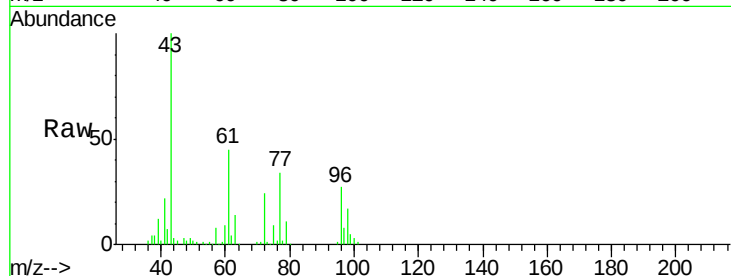
72 23.6 19.0 28.6

Manual Integrations

APPROVED

MMDadoda

7/23/2020 2:15:00 PM



#26

2,2-Dichloropropane

Concen: 18.516 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062588.D

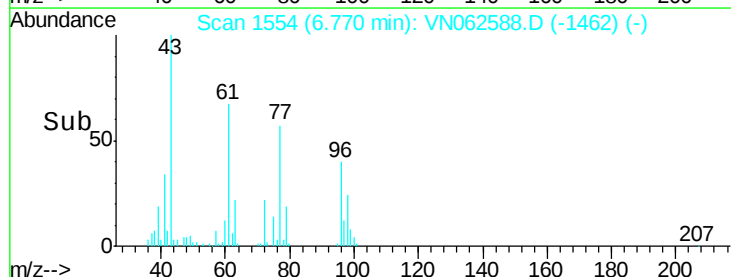
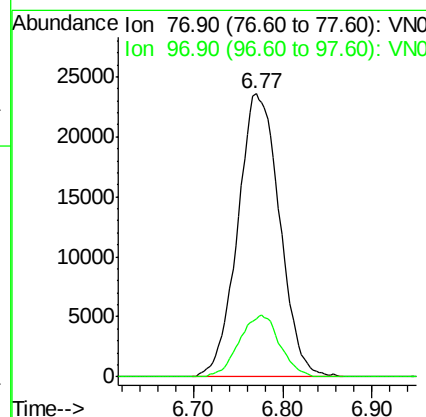
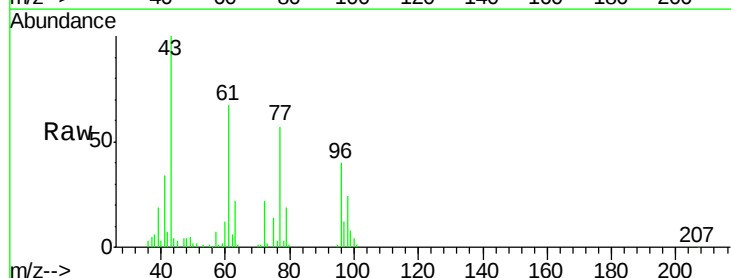
Acq: 22 Jul 2020 12:00

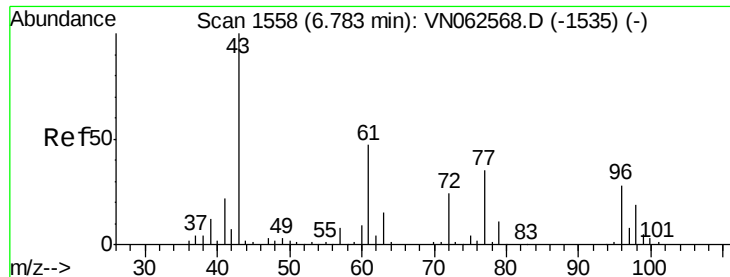
Tgt Ion: 77 Resp: 76915

Ion Ratio Lower Upper

77 100

97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.547 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

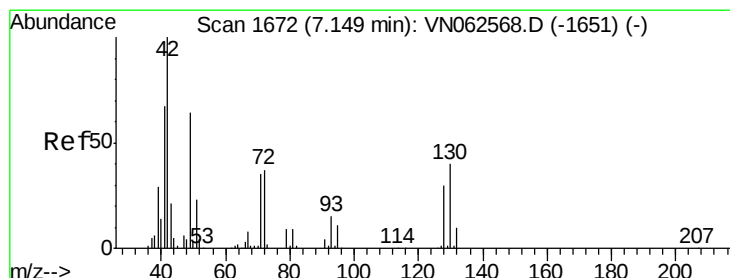
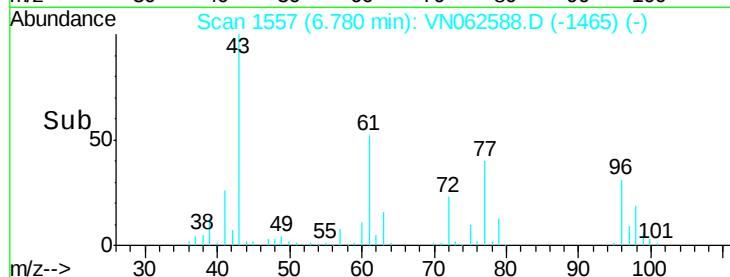
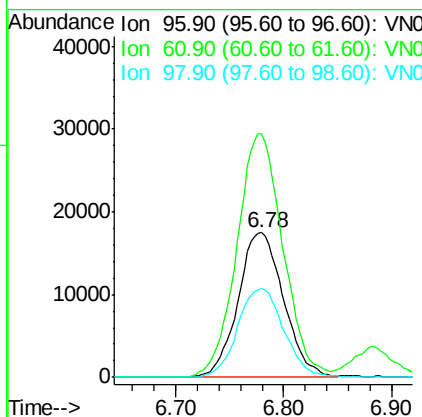
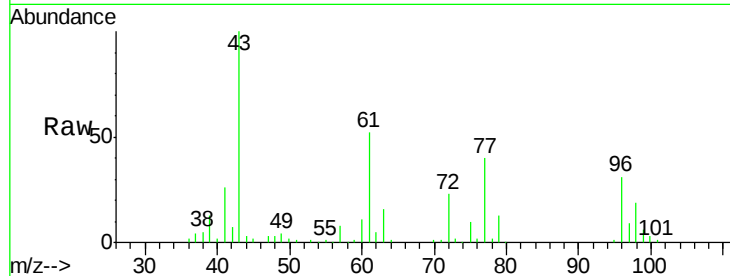
ClientSampleId :

VN0722WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 51336 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 170.1 | 0.0   | 332.4 |
| 98       | 62.1  | 0.0   | 127.4 |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM



#28

Bromochloromethane

Concen: 20.477 ug/l

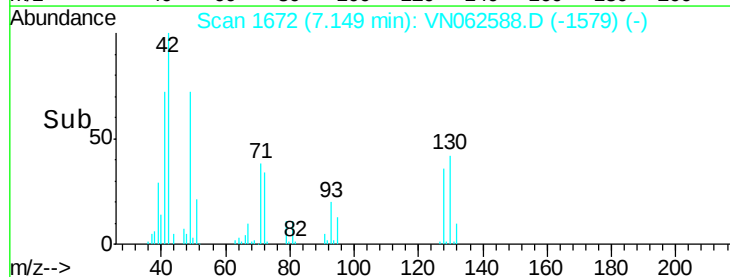
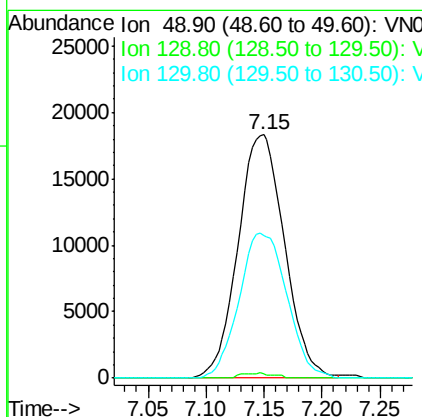
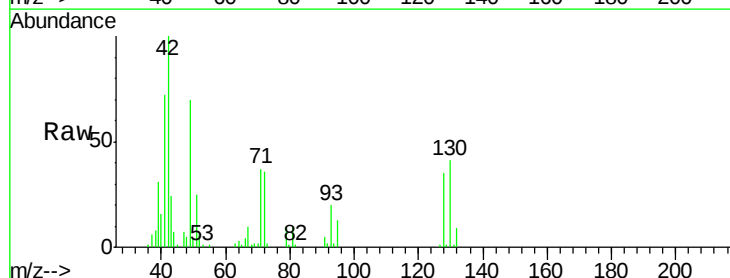
RT: 7.15 min Scan# 1672

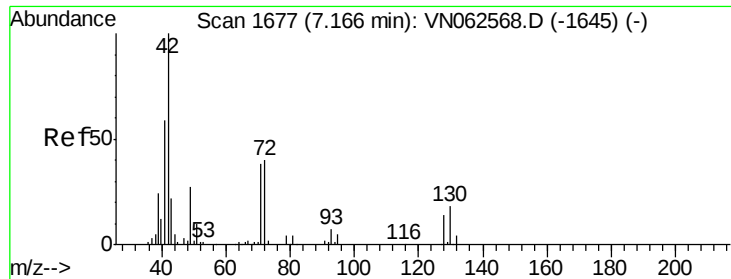
Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 50994 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.3   | 0.0   | 3.4   |
| 130      | 61.4  | 49.8  | 74.8  |





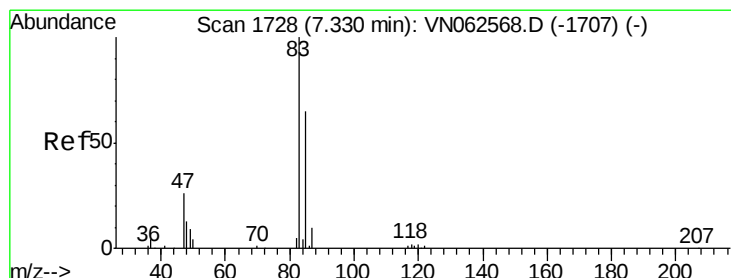
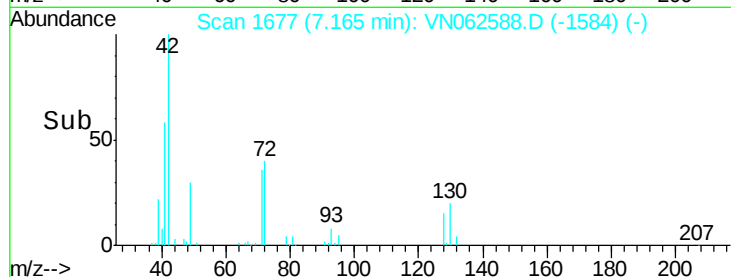
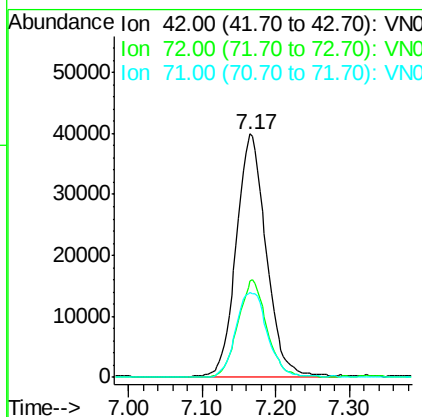
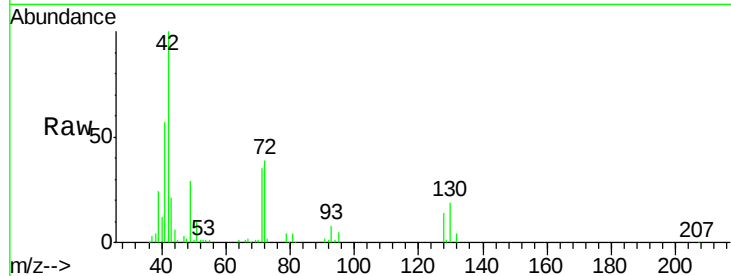
#29  
Tetrahydrofuran  
Concen: 92.664 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.5  | 30.7  | 46.1  |
| 71      | 36.8  | 29.1  | 43.7  |

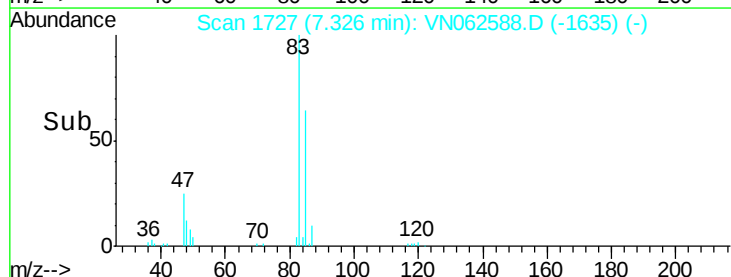
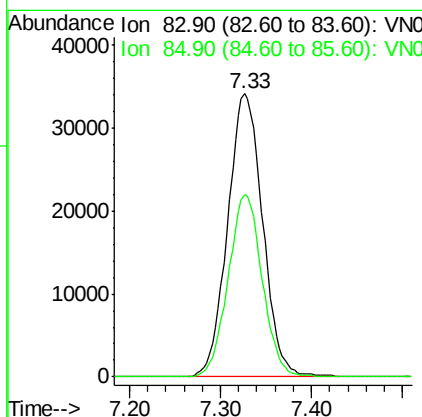
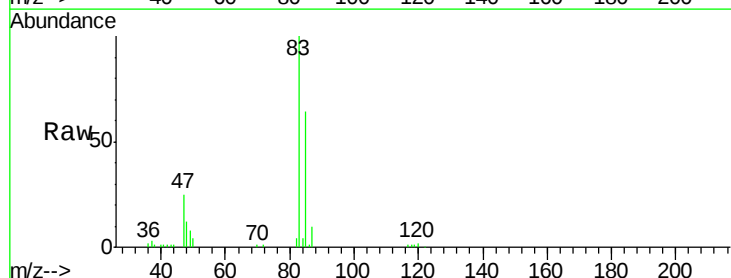
Manual Integrations  
APPROVED

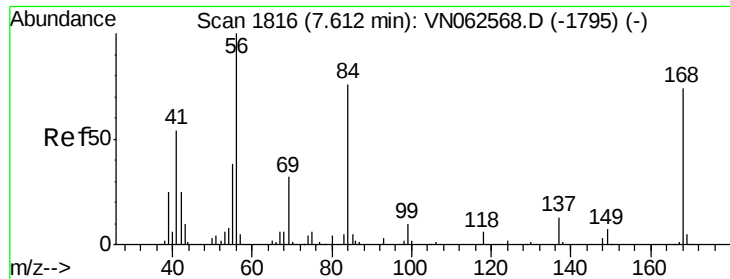
MMDadoda  
7/23/2020 2:15:00 PM



#30  
Chloroform  
Concen: 18.942 ug/l  
RT: 7.33 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.4  | 52.0  | 78.0  |





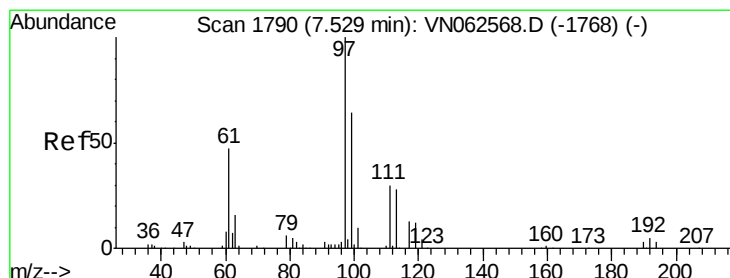
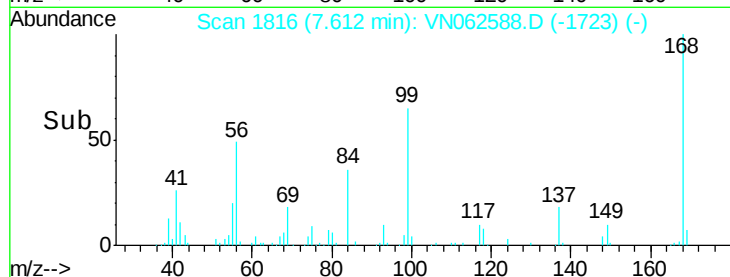
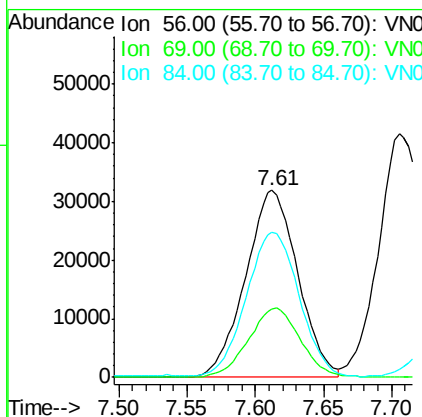
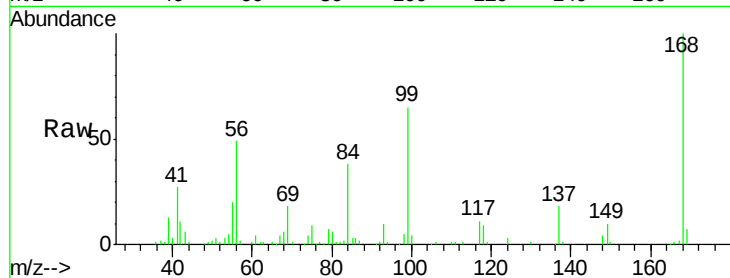
#31  
Cyclohexane  
Concen: 18.142 ug/l  
RT: 7.61 min Scan# 1816  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 36.7  | 25.3  | 37.9  |
| 84      | 76.8  | 61.0  | 91.4  |

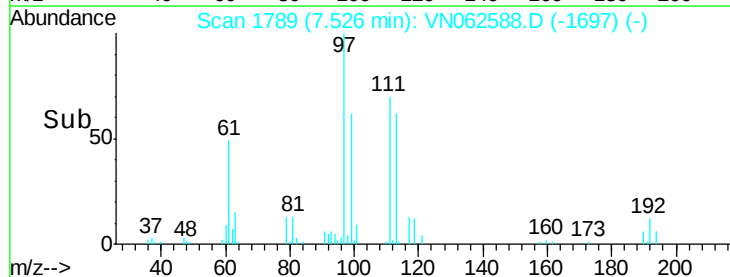
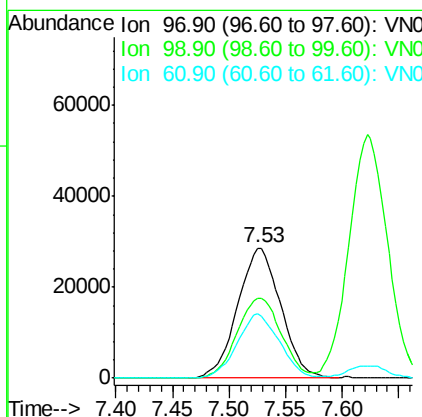
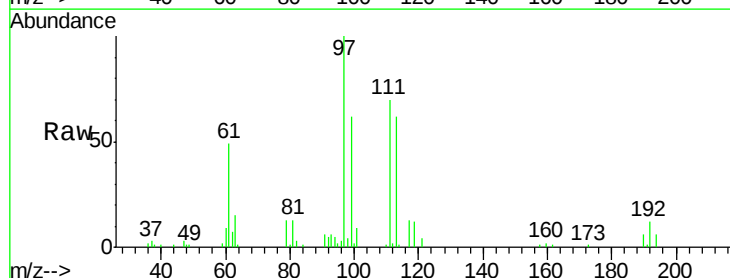
Manual Integrations  
APPROVED

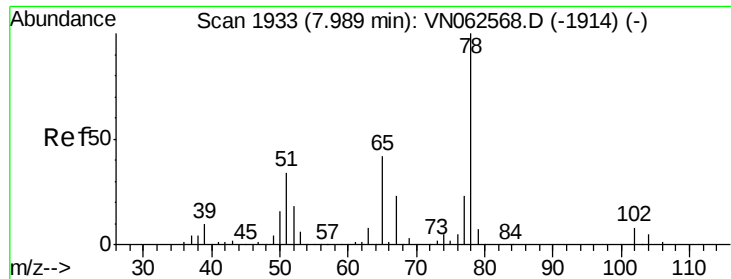
MMDadoda  
7/23/2020 2:15:00 PM



#32  
1,1,1-Trichloroethane  
Concen: 18.881 ug/l  
RT: 7.53 min Scan# 1789  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.1  | 51.2  | 76.8  |
| 61      | 48.1  | 38.4  | 57.6  |





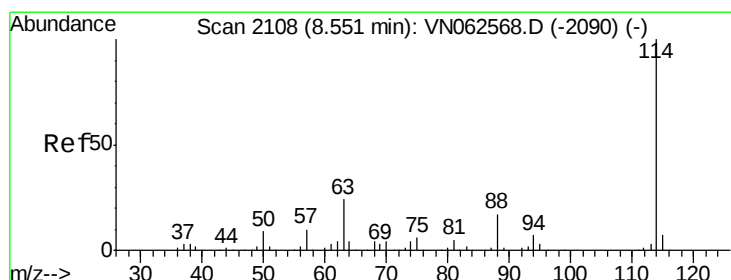
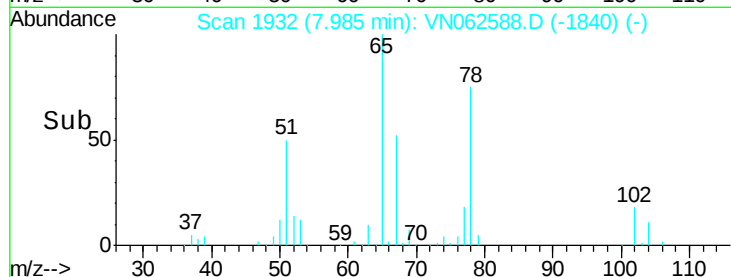
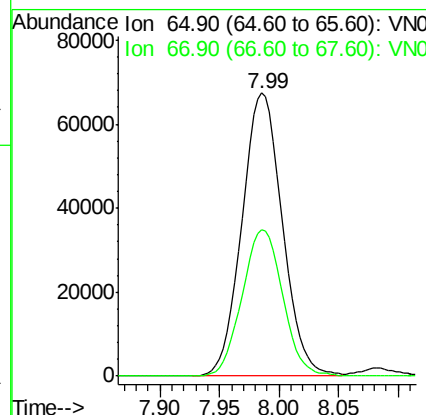
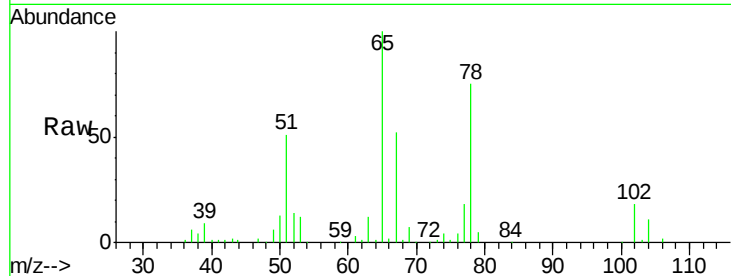
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.160 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 52.0  | 0.0  | 106.0 |       |

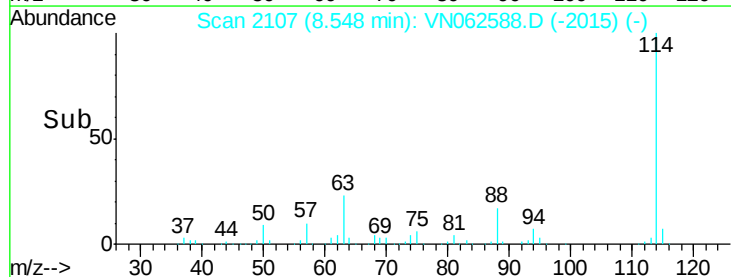
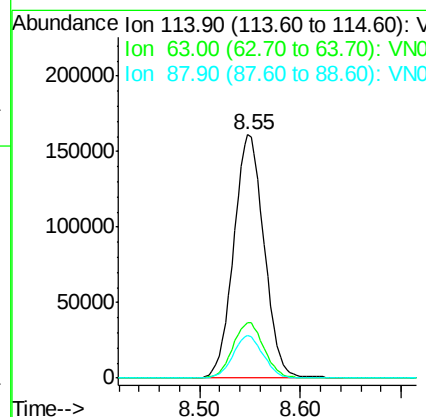
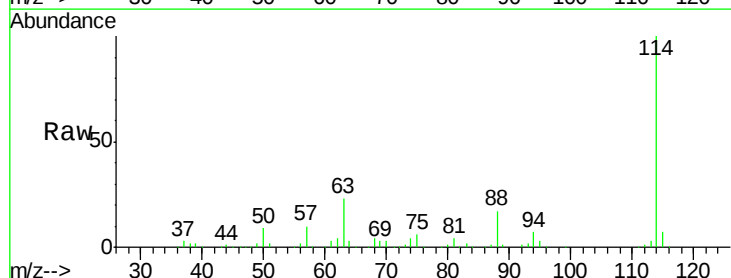
Manual Integrations  
 APPROVED

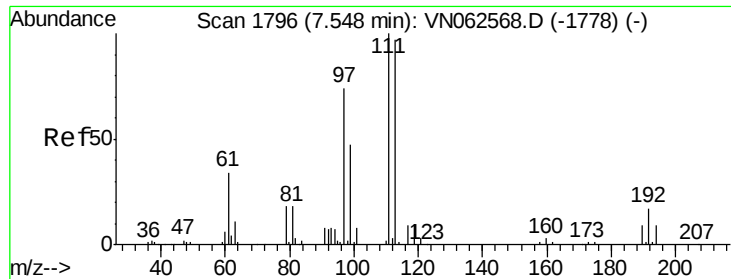
MMDadoda  
 7/23/2020 2:15:00 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 22.8  | 0.0  | 48.4  |       |
| 88      | 17.4  | 0.0  | 33.8  |       |





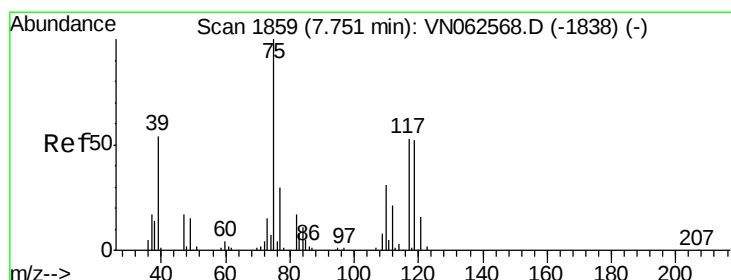
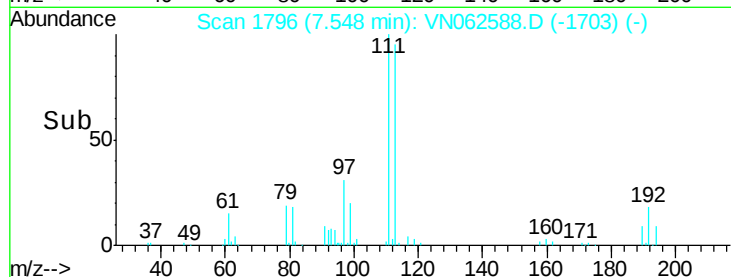
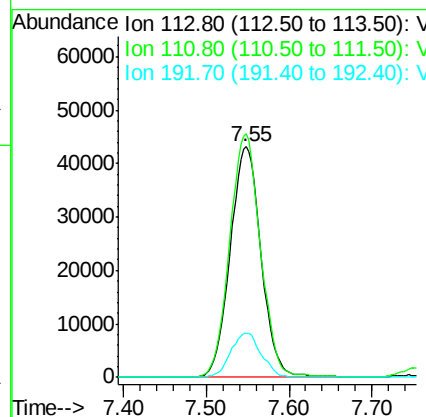
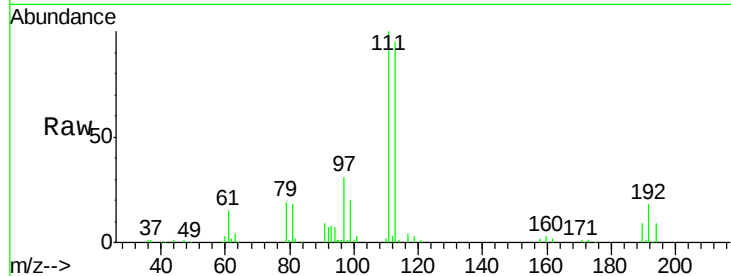
#35  
 Dibromofluoromethane  
 Concen: 50.328 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 104.9 | 82.7 | 124.1 |       |
| 192     | 18.8  | 14.8 | 22.2  |       |

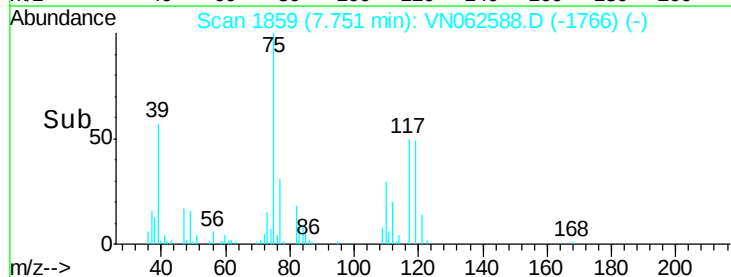
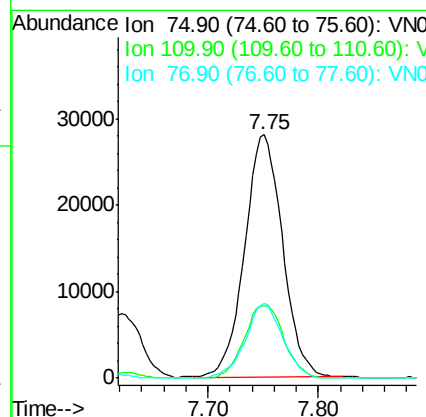
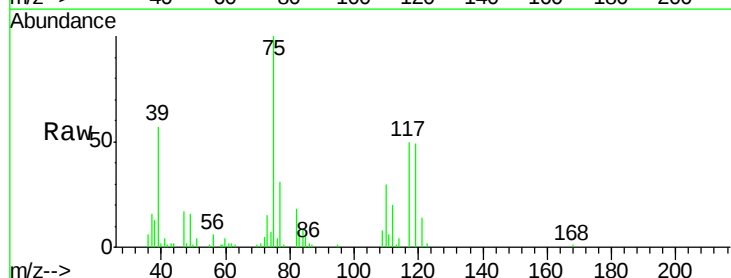
Manual Integrations  
 APPROVED

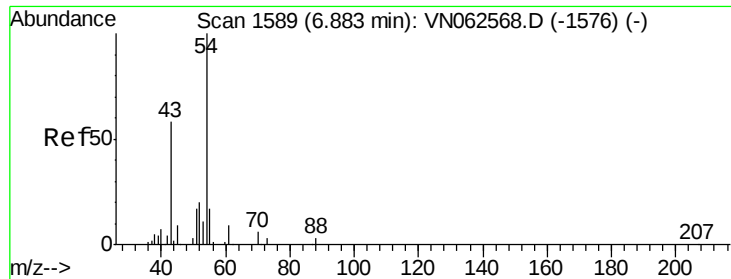
MMDadoda  
 7/23/2020 2:15:00 PM



#36  
 1,1-Dichloropropene  
 Concen: 18.535 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 31.3  | 16.0 | 48.0  |       |
| 77      | 30.2  | 24.6 | 36.8  |       |





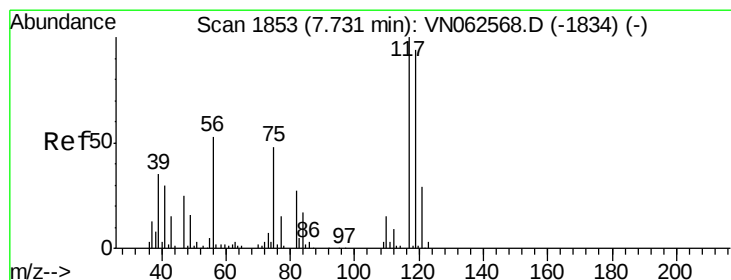
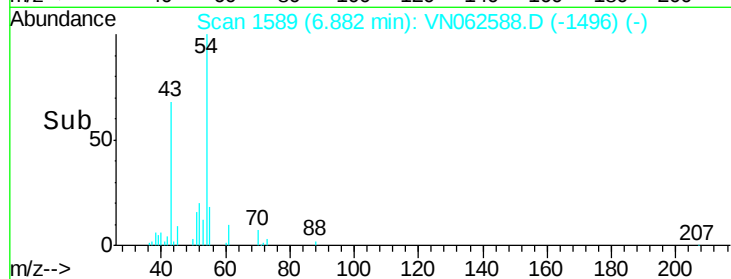
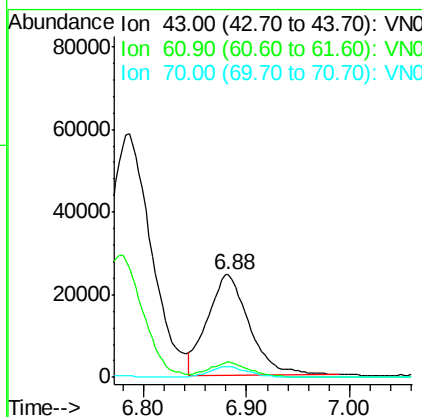
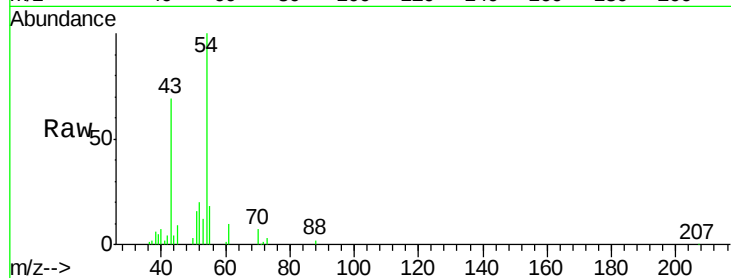
#37  
Ethyl Acetate  
Concen: 17.918 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 11.3  | 16.9  |
| 70      | 9.7   | 7.7   | 11.5  |

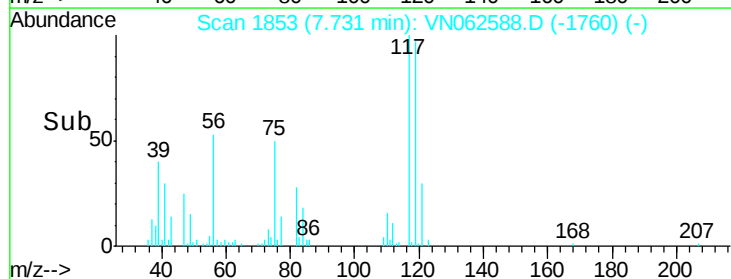
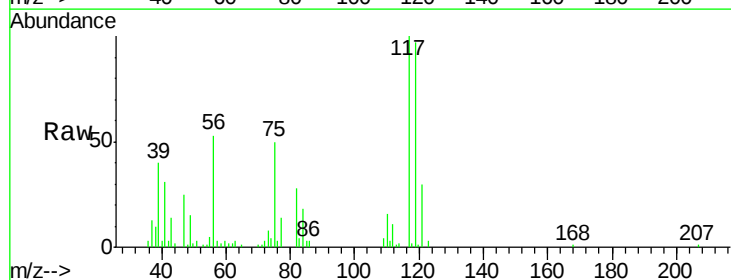
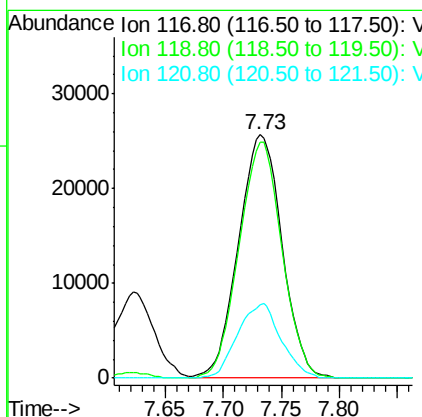
Manual Integrations  
APPROVED

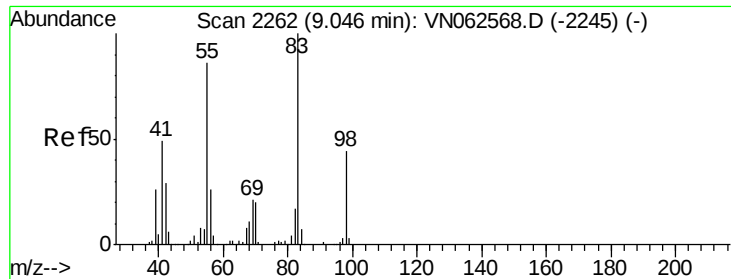
MMDadoda  
7/23/2020 2:15:00 PM



#38  
Carbon Tetrachloride  
Concen: 19.370 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.9  | 74.8  | 112.2 |
| 121     | 29.9  | 23.0  | 34.6  |





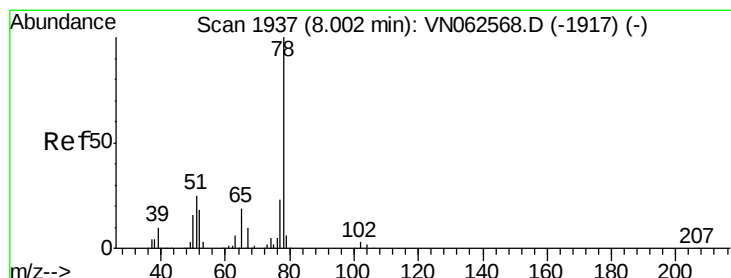
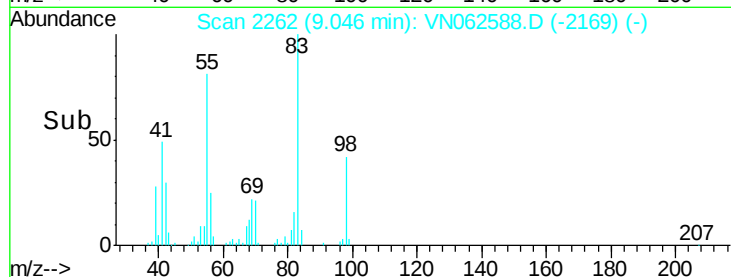
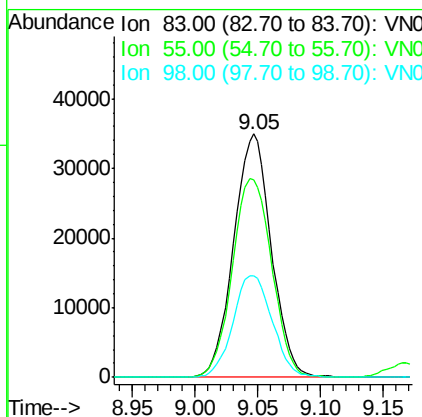
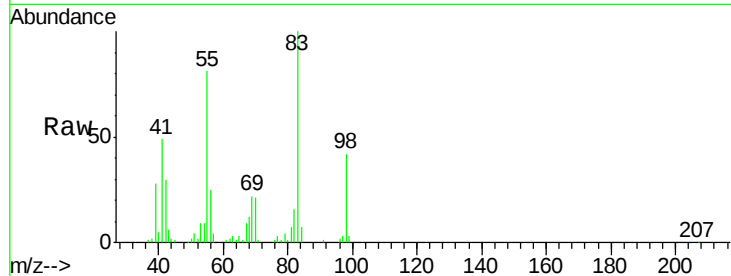
#39  
Methvlcvclohexane  
Concen: 18.768 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 81.4  | 68.9  | 103.3 |
| 98      | 42.0  | 35.1  | 52.7  |

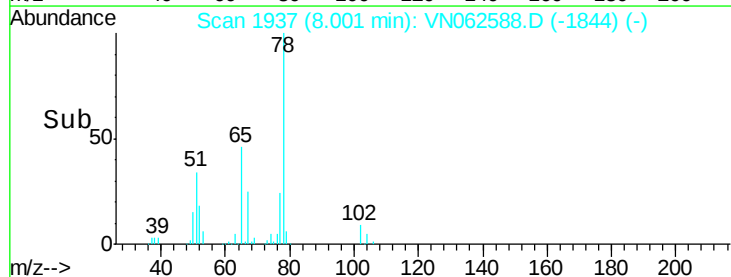
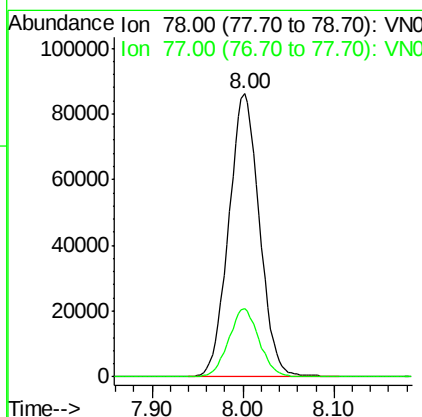
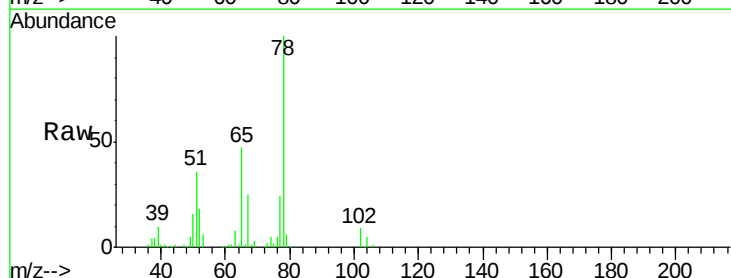
Manual Integrations  
APPROVED

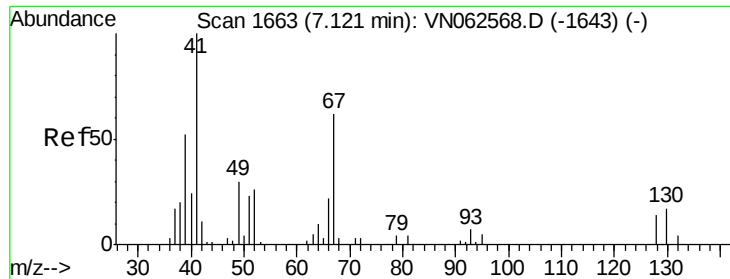
MMDadoda  
7/23/2020 2:15:00 PM



#40  
Benzene  
Concen: 18.493 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.0  | 18.7  | 28.1  |





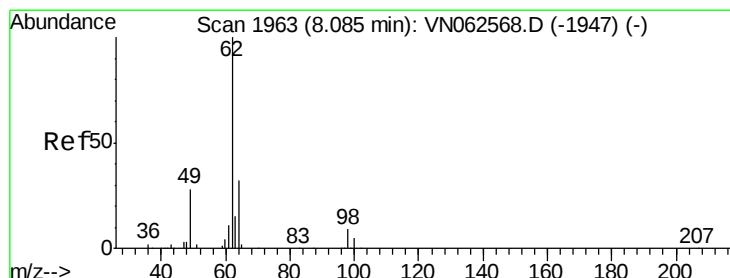
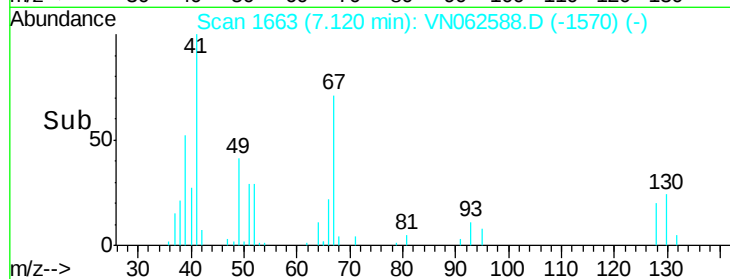
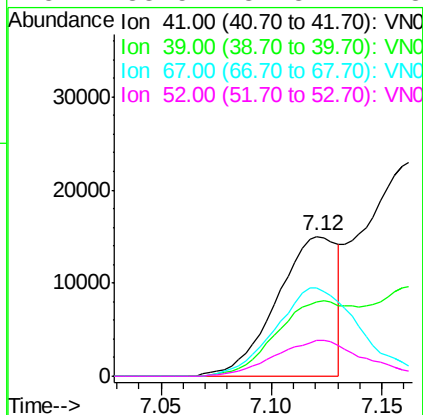
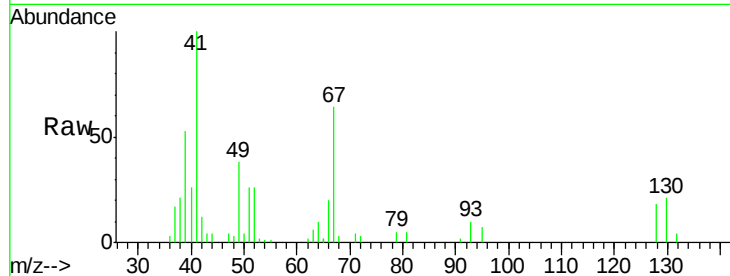
#41  
Methacrylonitrile  
Concen: 17.153 ug/l  
RT: 7.12 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 28576 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 69.6  | 55.8  | 83.6  |
| 67       | 90.1  | 72.5  | 108.7 |
| 52       | 38.5  | 31.8  | 47.8  |

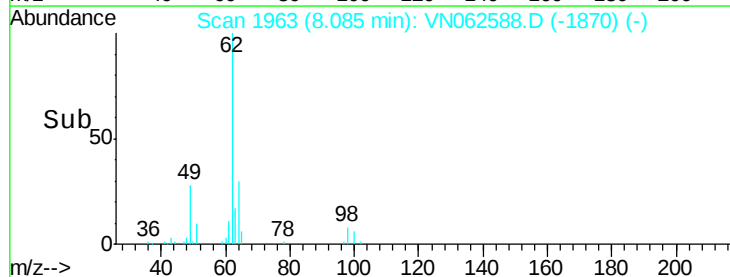
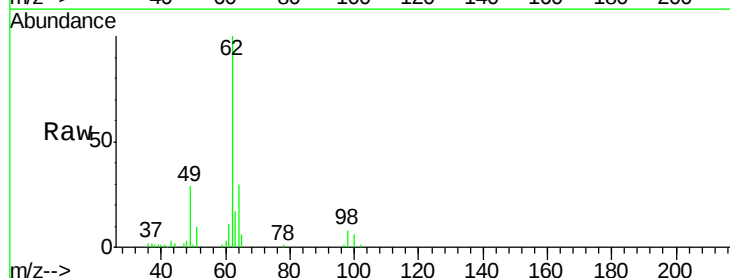
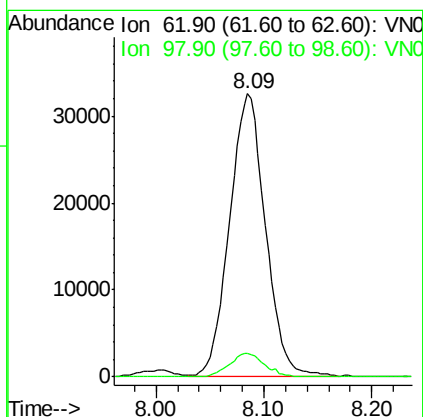
Manual Integrations  
APPROVED

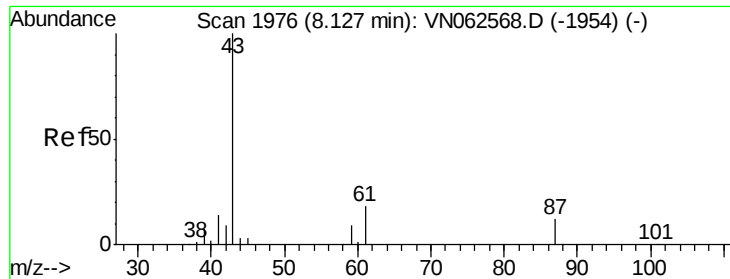
MMDadoda  
7/23/2020 2:15:00 PM



#42  
1,2-Dichloroethane  
Concen: 18.949 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 75627 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.0   | 0.0   | 16.2  |





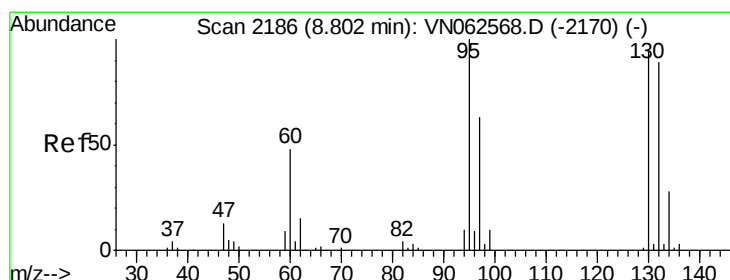
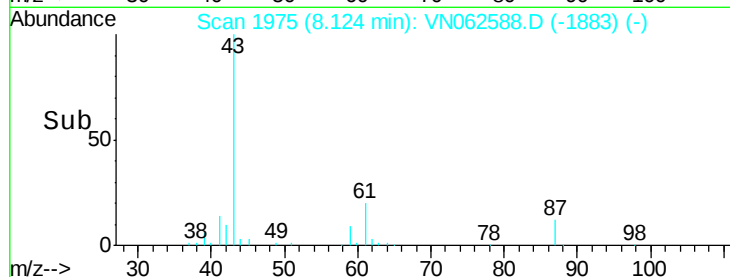
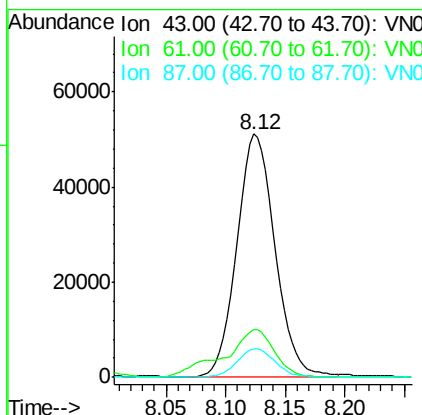
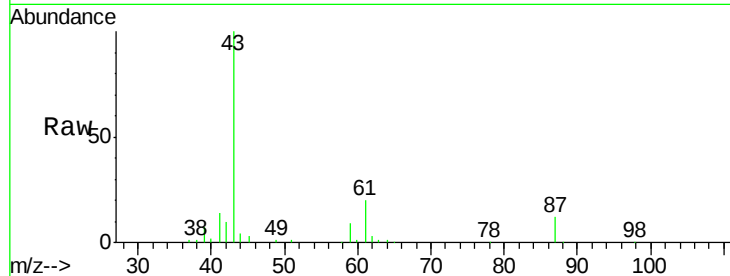
#43  
Isopropyl Acetate  
Concen: 18.212 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 26.2  | 20.8  | 31.2  |
| 87      | 11.6  | 9.2   | 13.8  |

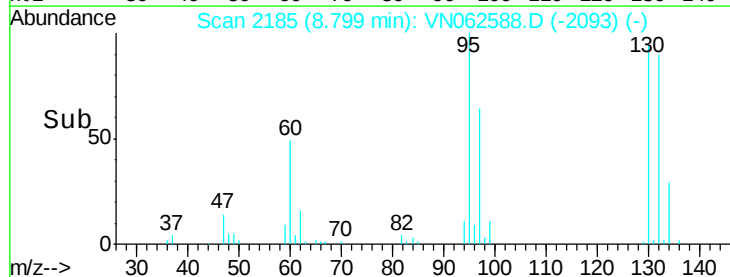
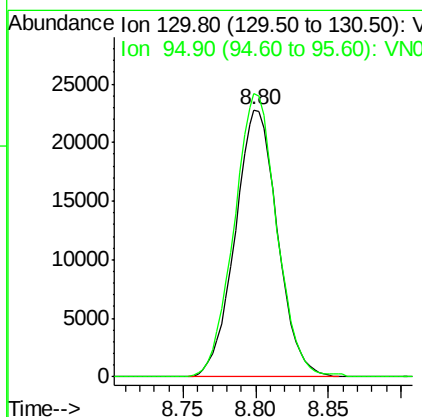
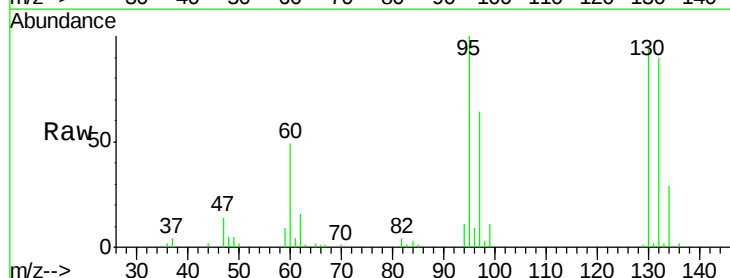
Manual Integrations  
APPROVED

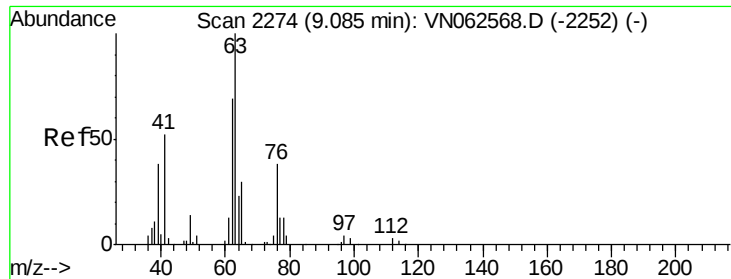
MMDadoda  
7/23/2020 2:15:00 PM



#44  
Trichloroethene  
Concen: 18.836 ug/l  
RT: 8.80 min Scan# 2185  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 106.0 | 0.0   | 210.4 |





#45

1,2-Dichloropropane

Concen: 18.967 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 63 Resp: 58136

Ion Ratio Lower Upper

63 100

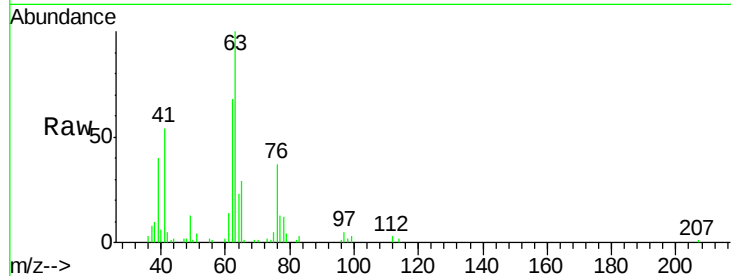
65 28.7 24.4 36.6

Manual Integrations

APPROVED

MMDadoda

7/23/2020 2:15:00 PM



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

30000

25000

20000

15000

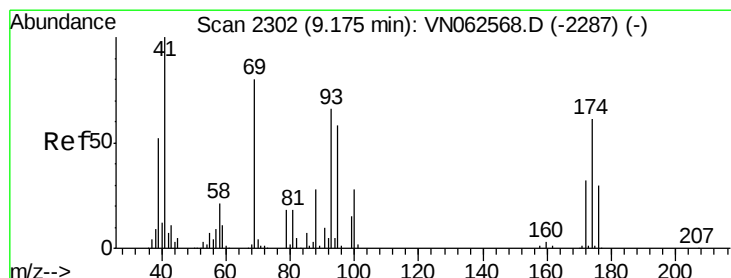
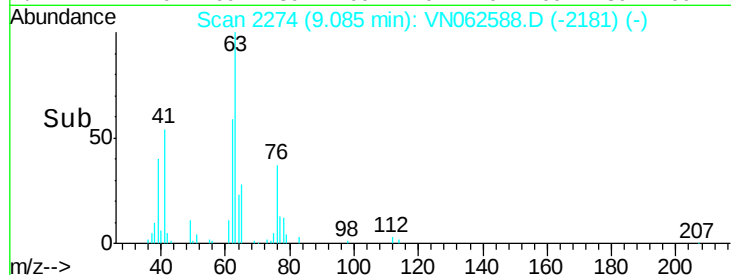
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.712 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

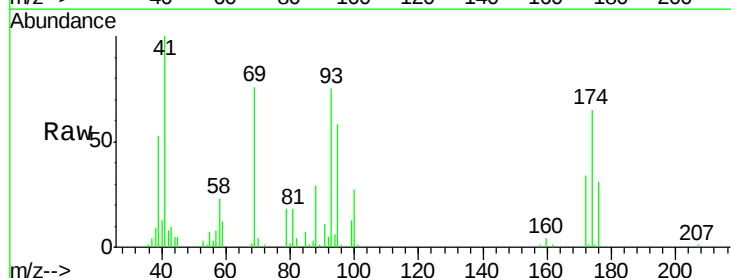
Tgt Ion: 93 Resp: 33150

Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

174 92.7 72.5 108.7



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.18

20000

15000

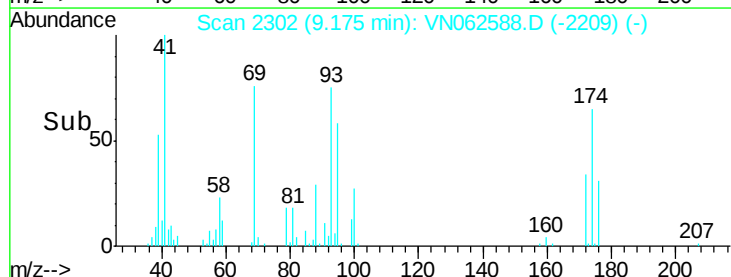
10000

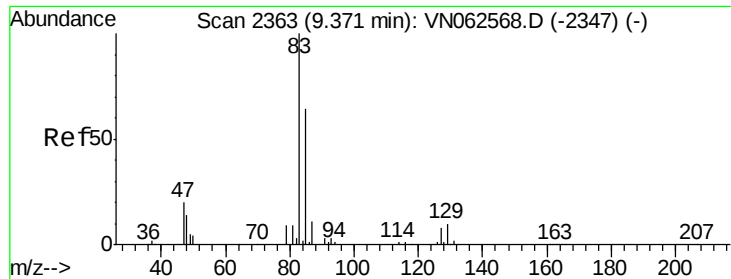
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 18.455 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

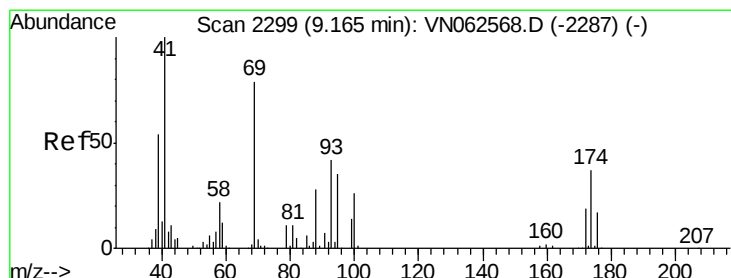
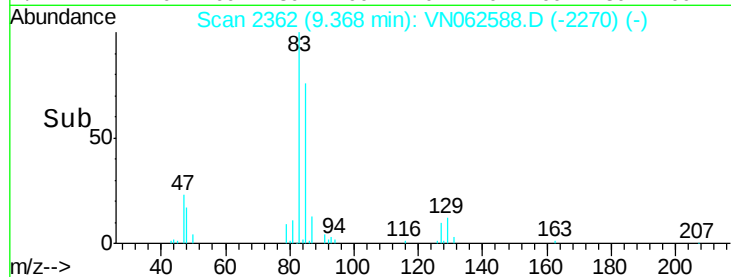
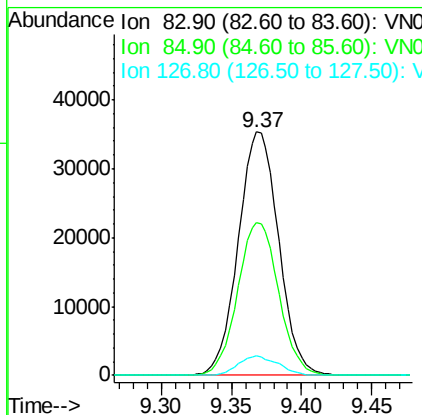
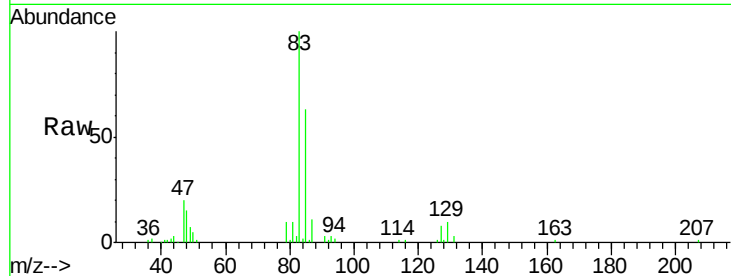
ClientSampleId :

VN0722WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 70832 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.8  | 51.6  | 77.4  |
| 127      | 7.9   | 6.2   | 9.2   |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM



#48

Methyl methacrylate

Concen: 18.129 ug/l

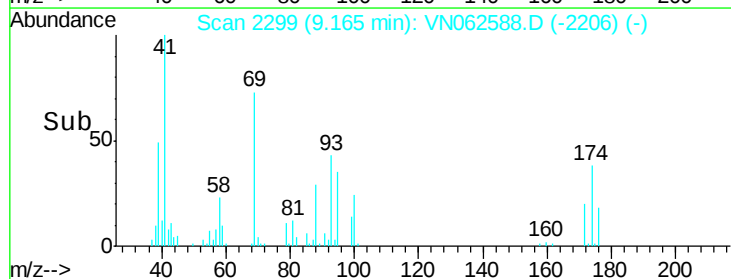
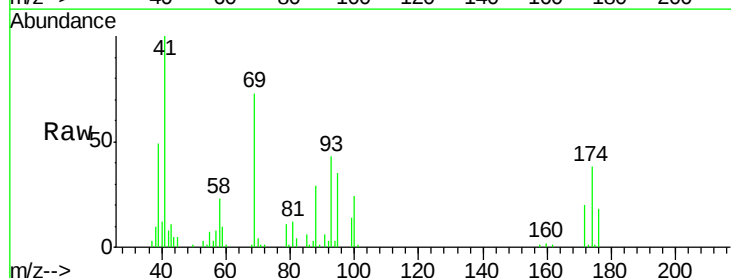
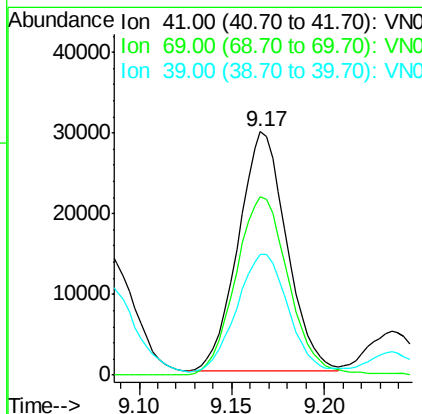
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 54002 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 81.4  | 64.4  | 96.6  |
| 39       | 53.8  | 43.5  | 65.3  |





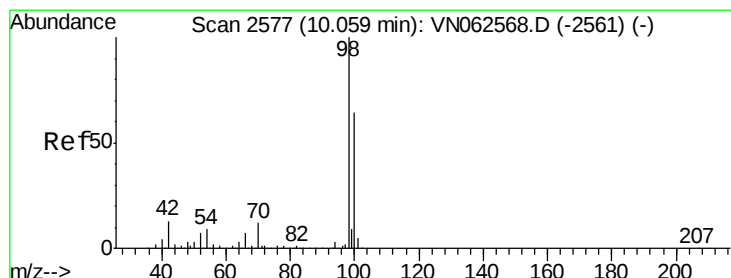
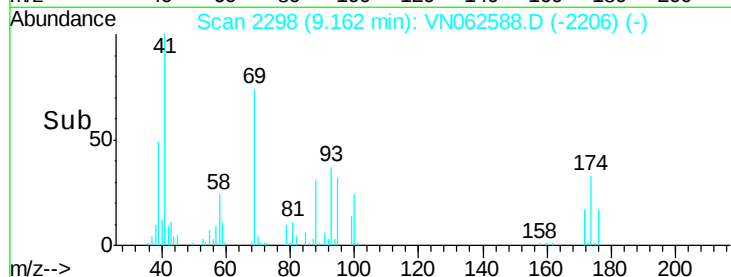
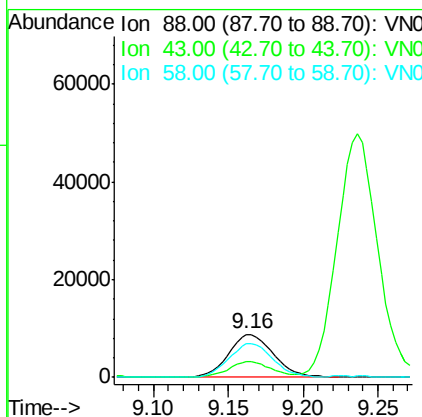
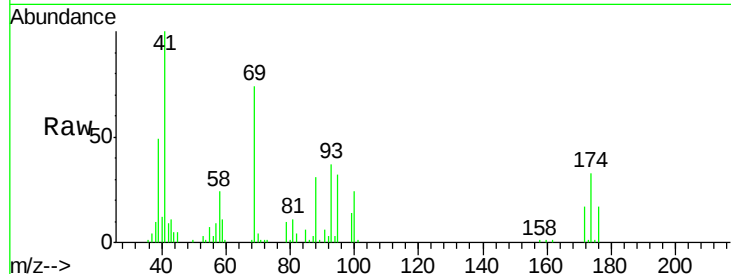
#49  
1,4-Dioxane  
Concen: 399.871 ug/l  
RT: 9.16 min Scan# 2298  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.4  | 32.0  | 48.0  |
| 58      | 77.5  | 62.8  | 94.2  |

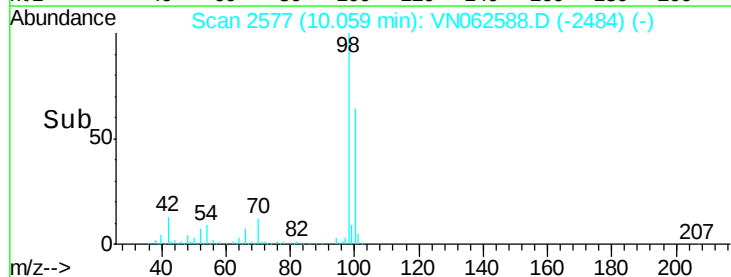
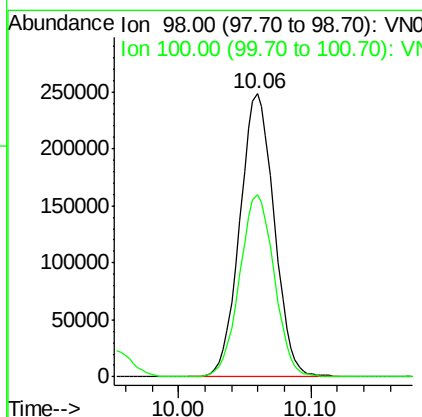
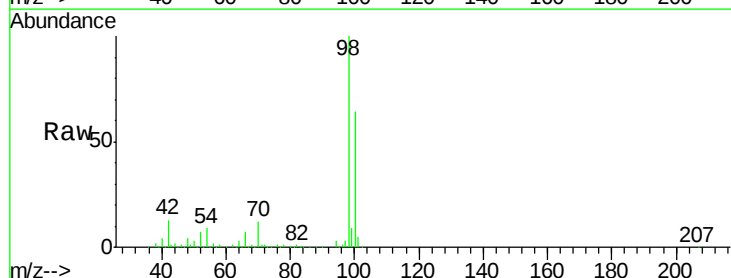
Manual Integrations  
APPROVED

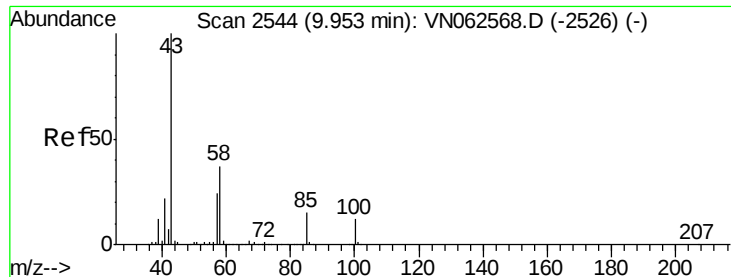
MMDadoda  
7/23/2020 2:15:00 PM



#50  
Toluene-d8  
Concen: 50.476 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 50.9  | 76.3  |





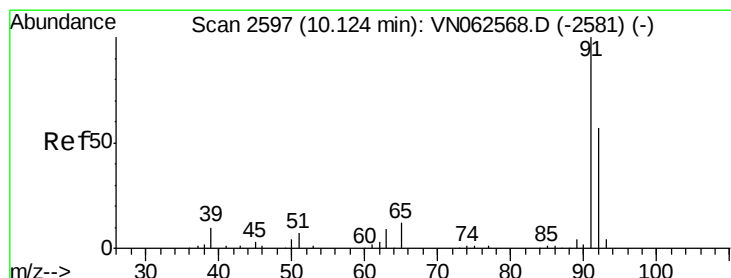
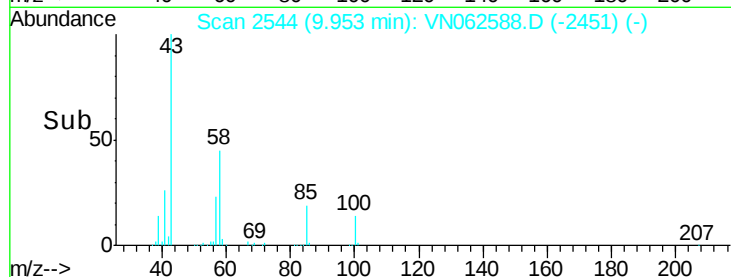
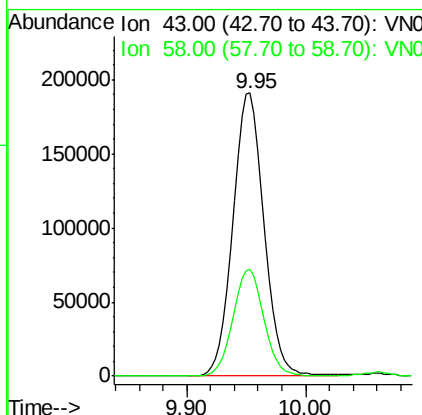
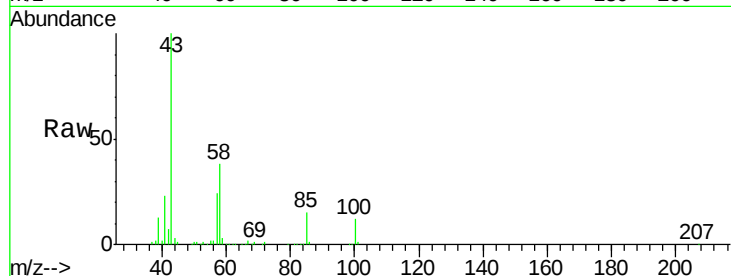
#51  
4-Methyl-2-Pentanone  
Concen: 92.211 ug/l  
RT: 9.95 min Scan# 2544  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion   | 43 | Resp | 345726 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 37.5 | 29.8   |
| Upper     |    |      | 44.6   |

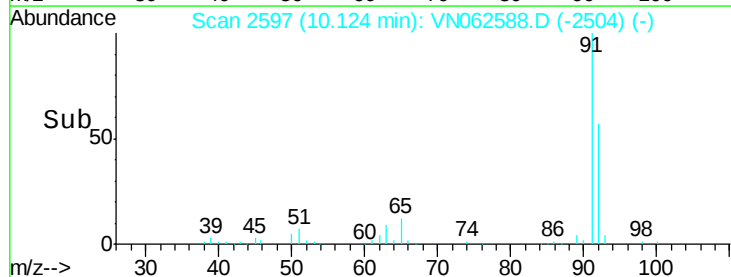
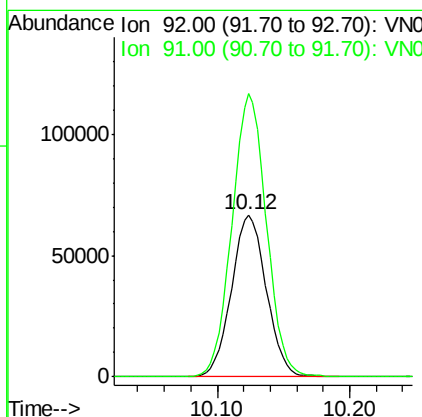
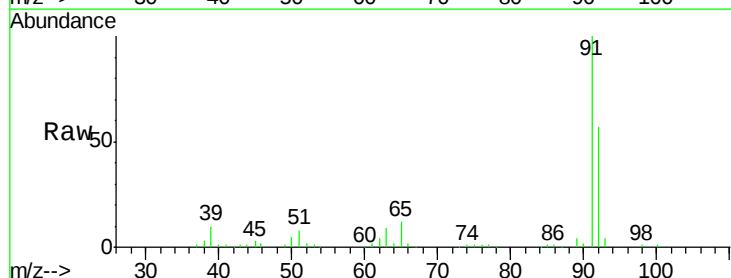
Manual Integrations  
APPROVED

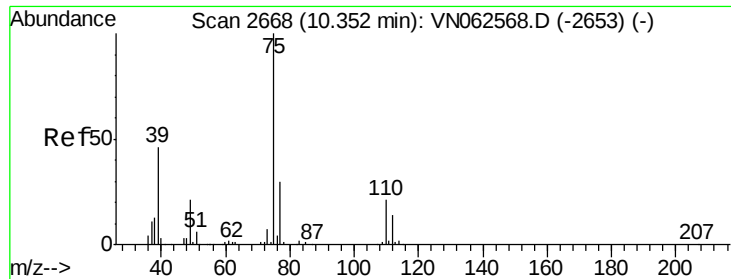
MMDadoda  
7/23/2020 2:15:00 PM



#52  
Toluene  
Concen: 19.196 ug/l  
RT: 10.12 min Scan# 2597  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion   | 92 | Resp  | 121688 |
|-----------|----|-------|--------|
| Ion Ratio | 92 | 100   |        |
| Lower     | 91 | 172.5 | 139.4  |
| Upper     |    |       | 209.2  |





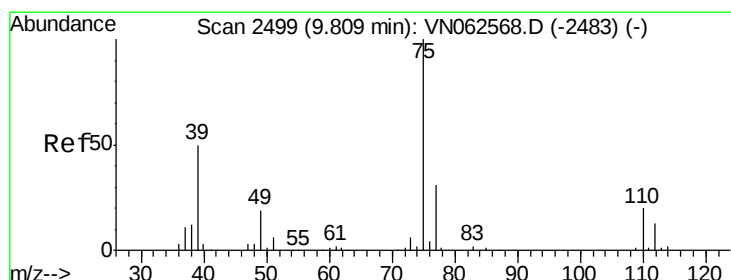
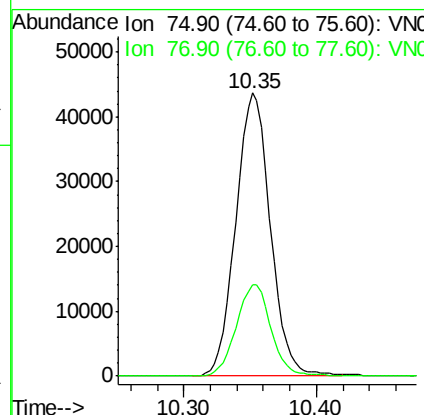
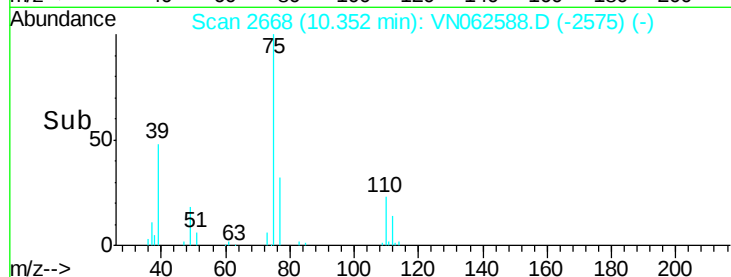
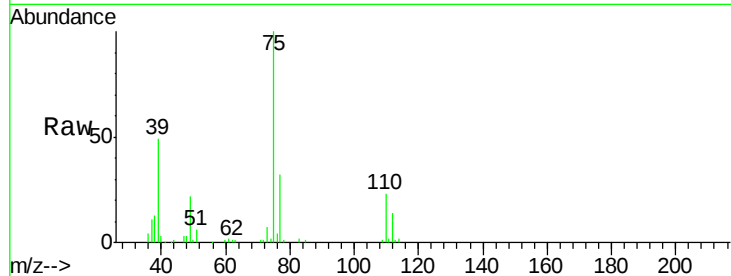
#53  
 t-1,3-Dichloropropene  
 Concen: 18.517 ug/l  
 RT: 10.35 min Scan# 2668  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

Tot Ion: 75 Resp: 79115  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 24.3 36.5

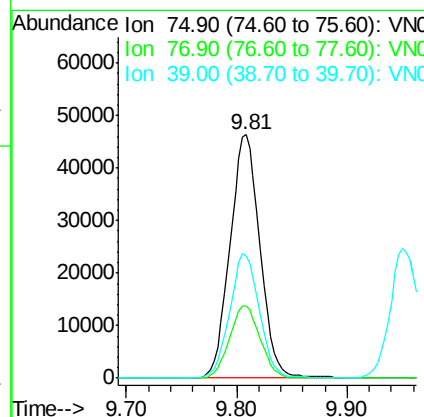
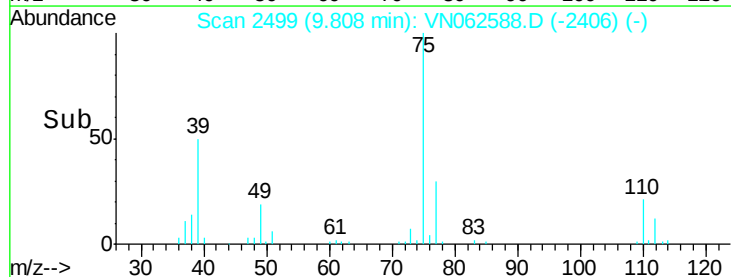
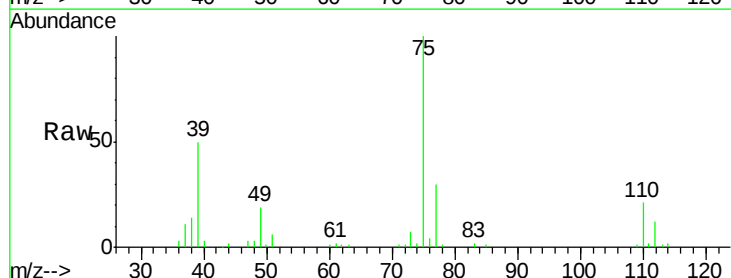
Manual Integrations  
 APPROVED

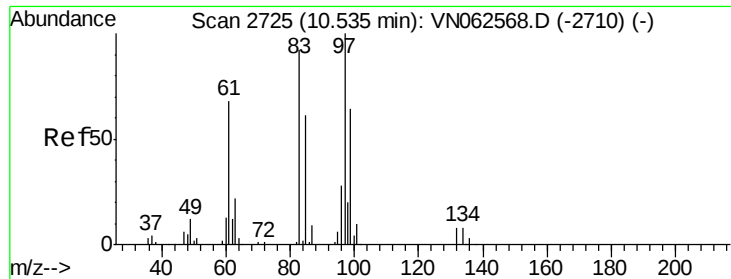
MMDadoda  
 7/23/2020 2:15:00 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.061 ug/l  
 RT: 9.81 min Scan# 2499  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Tgt Ion: 75 Resp: 87385  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 25.0 37.6  
 39 50.3 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 18.921 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

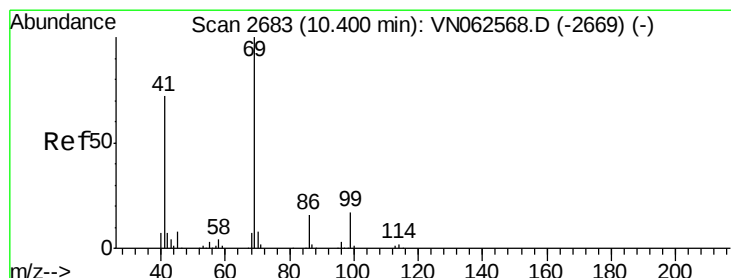
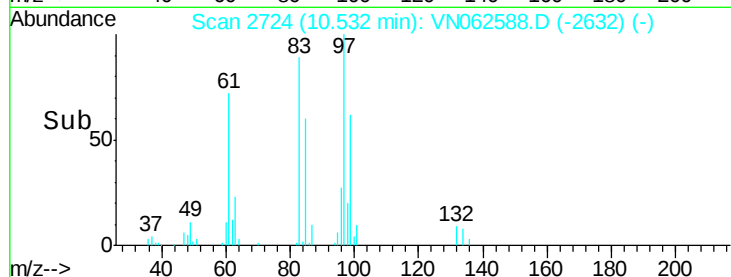
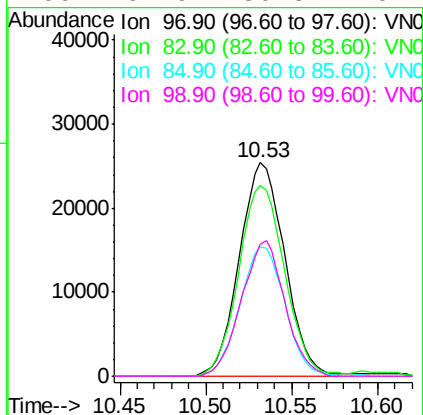
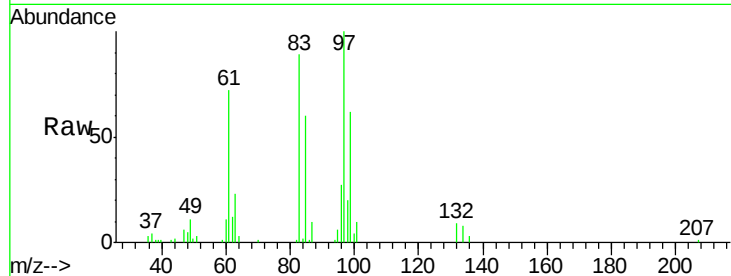
ClientSampleId :

VN0722WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 46524 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.0  | 73.7  | 110.5 |
| 85       | 60.5  | 48.5  | 72.7  |
| 99       | 61.9  | 50.8  | 76.2  |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM



#56

Ethyl methacrylate

Concen: 17.820 ug/l

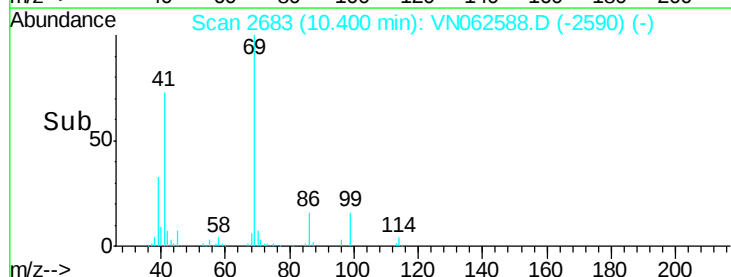
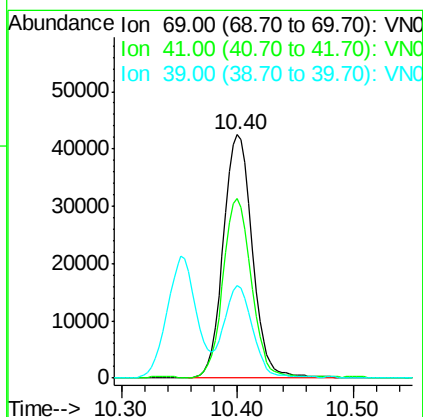
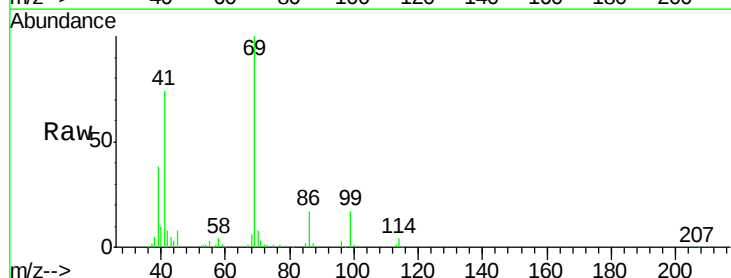
RT: 10.40 min Scan# 2683

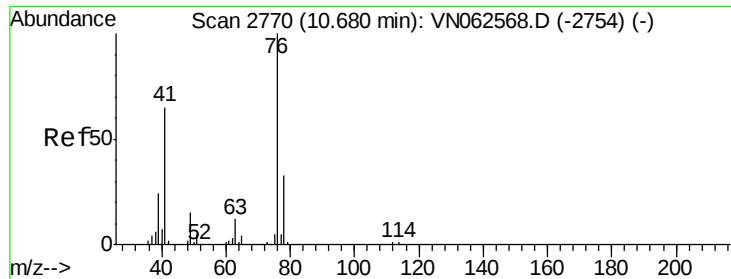
Delta R.T. 0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 73468 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.6  | 57.2  | 85.8  |
| 39       | 37.3  | 28.6  | 43.0  |





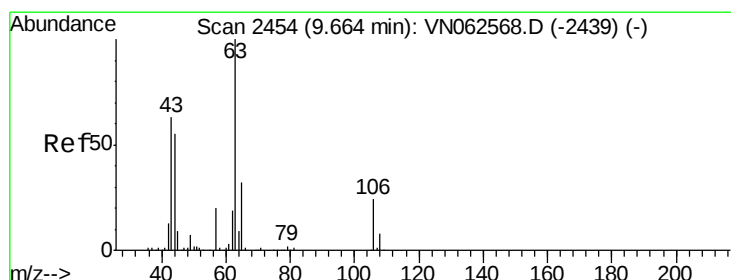
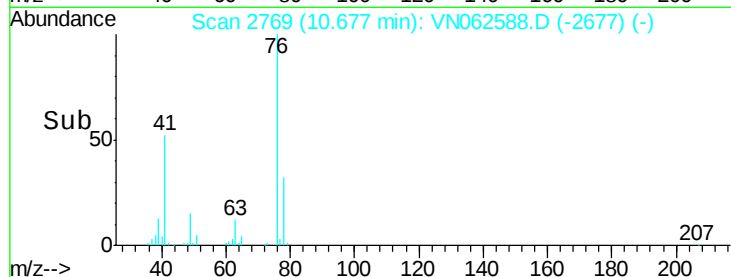
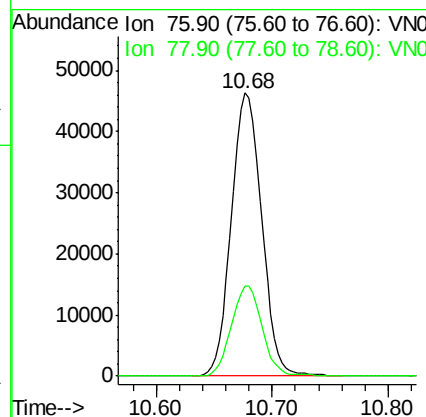
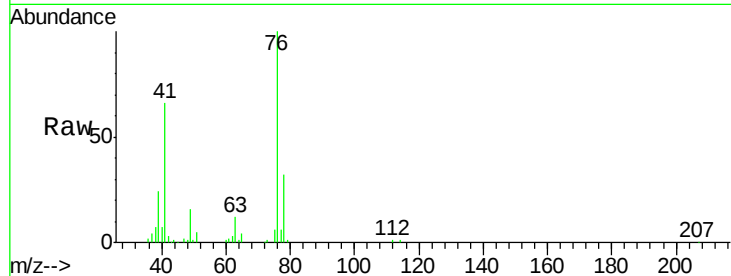
#57  
 1,3-Dichloropropane  
 Concen: 18.598 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 26.3  | 39.5  |

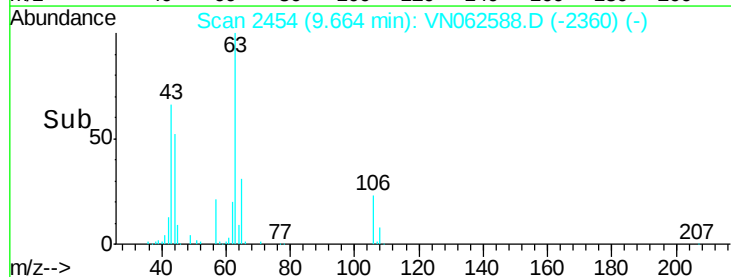
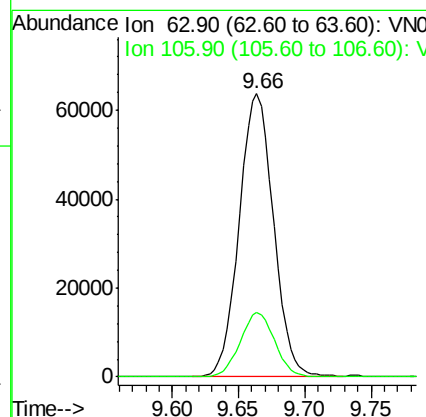
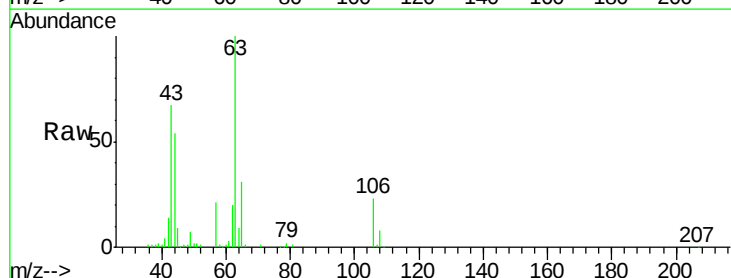
Manual Integrations  
 APPROVED

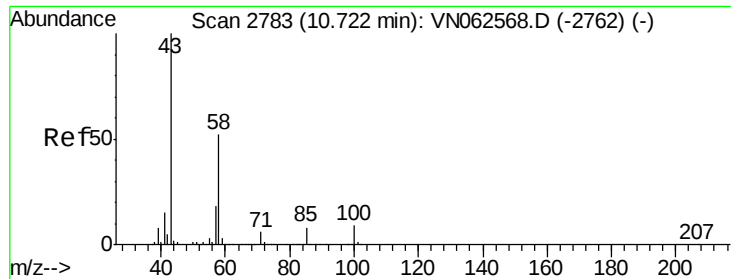
MMDadoda  
 7/23/2020 2:15:00 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 97.330 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 22.8  | 18.9  | 28.3  |





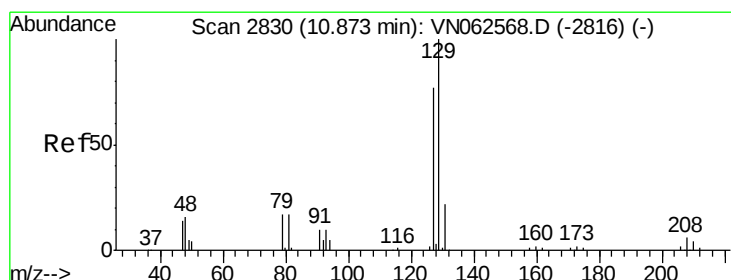
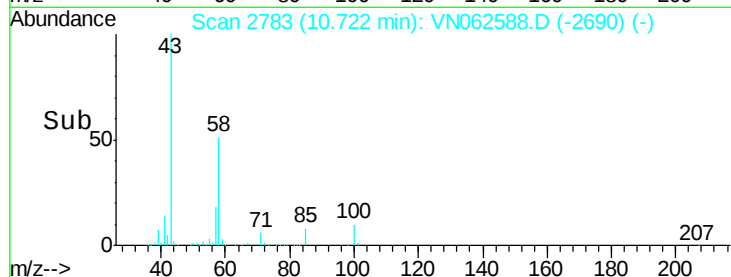
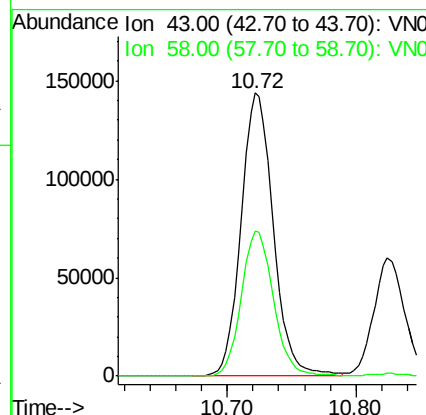
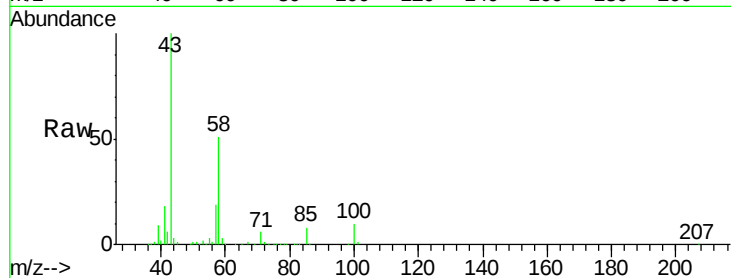
#59  
2-Hexanone  
Concen: 87.745 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. 0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion   | 43 | Resp | 248790 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 51.7 | 26.0   |
| Upper     |    |      | 78.0   |

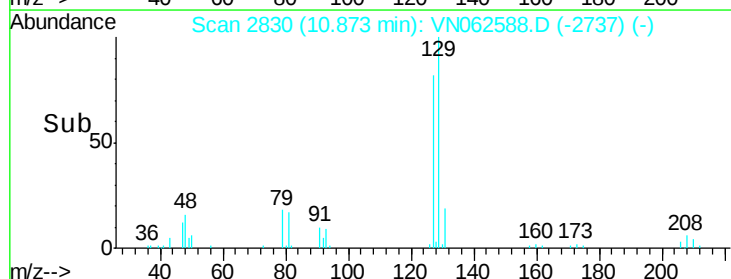
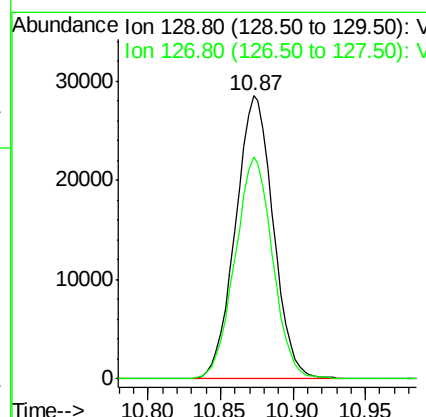
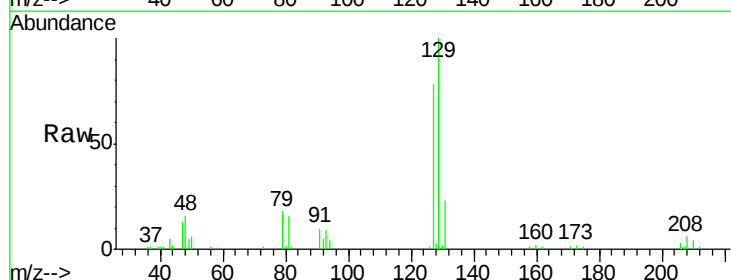
Manual Integrations  
APPROVED

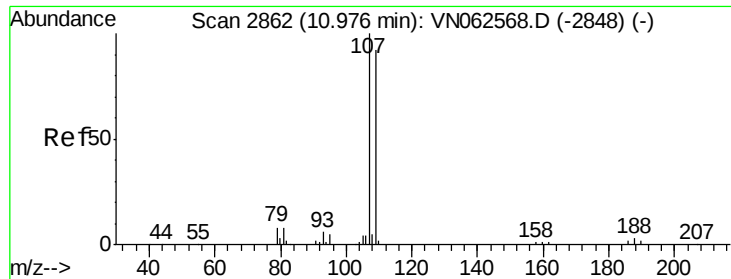
MMDadoda  
7/23/2020 2:15:00 PM



#60  
Dibromochloromethane  
Concen: 18.801 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion   | 129 | Resp | 51574 |
|-----------|-----|------|-------|
| Ion Ratio | 129 | 100  |       |
| Lower     | 127 | 78.1 | 38.0  |
| Upper     |     |      | 113.9 |





#61

1,2-Dibromoethane

Concen: 18.381 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 107 Resp: 47062

Ion Ratio Lower Upper

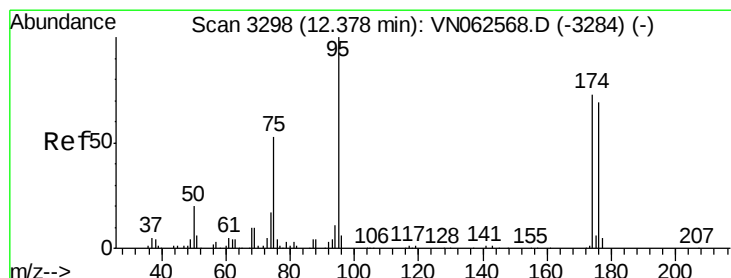
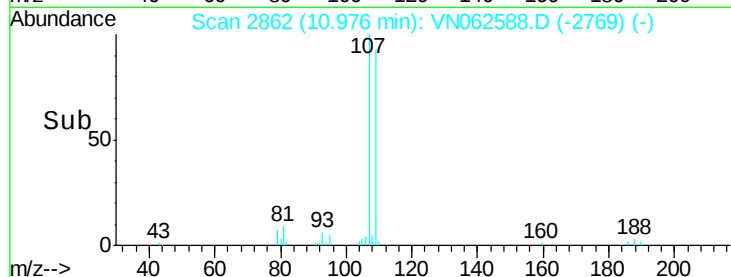
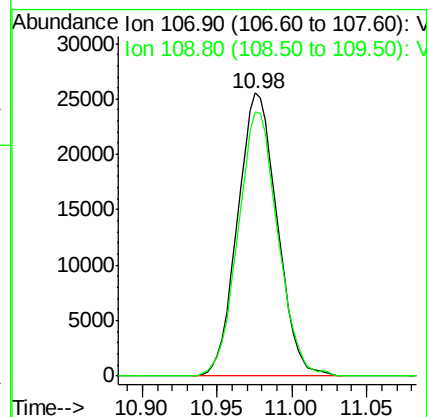
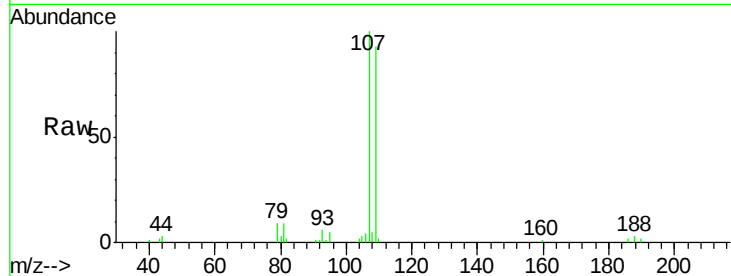
107 100

109 93.7 73.8 110.6

Manual Integrations  
APPROVED

MMDadoda

7/23/2020 2:15:00 PM



#62

4-Bromofluorobenzene

Concen: 48.844 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

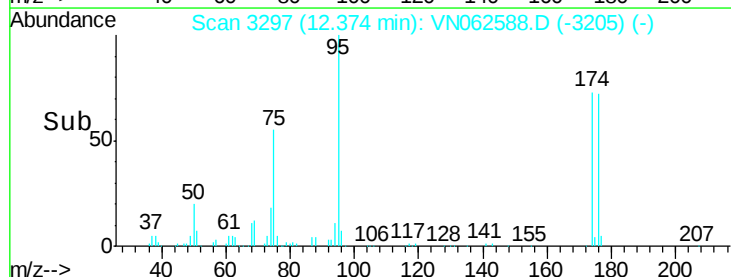
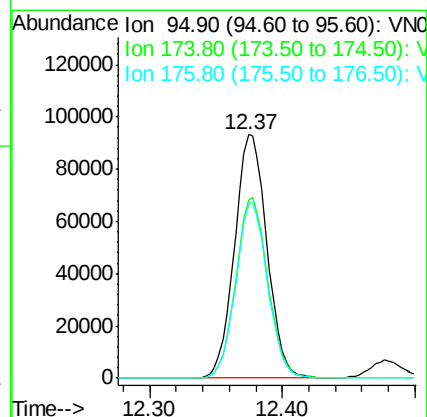
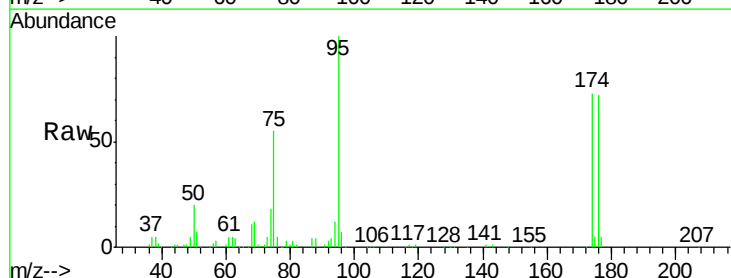
Tgt Ion: 95 Resp: 158346

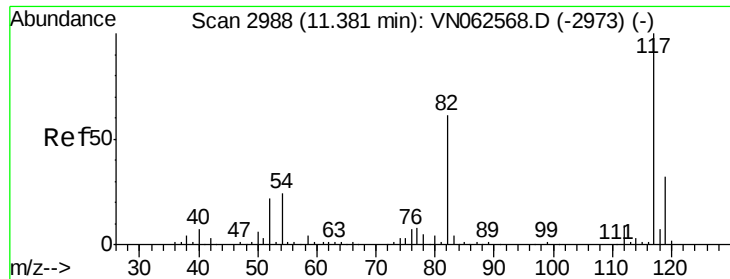
Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.6

176 70.8 0.0 139.4





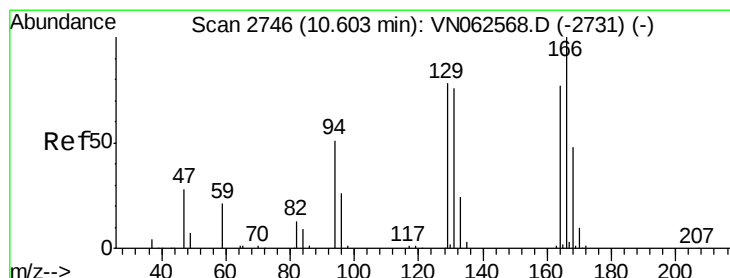
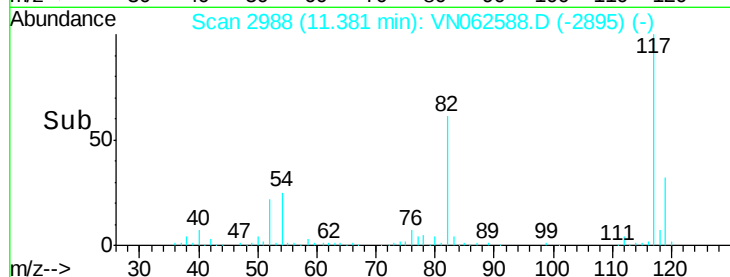
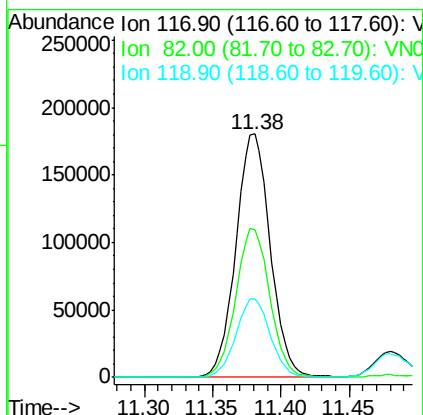
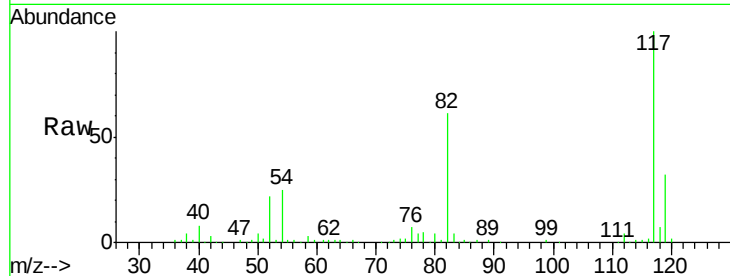
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 60.9  | 49.0  | 73.6  |
| 119     | 32.5  | 25.4  | 38.2  |

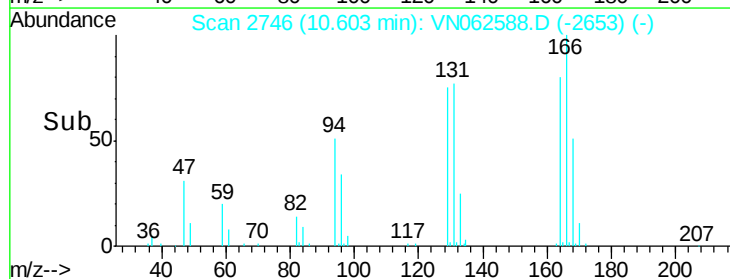
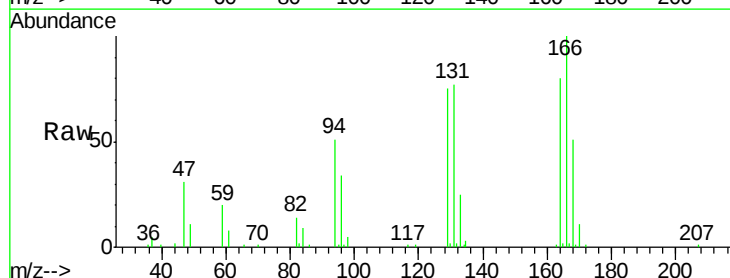
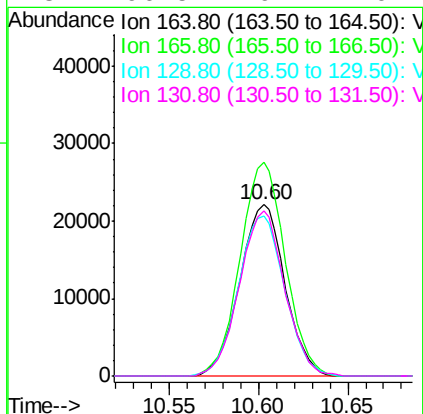
Manual Integrations  
APPROVED

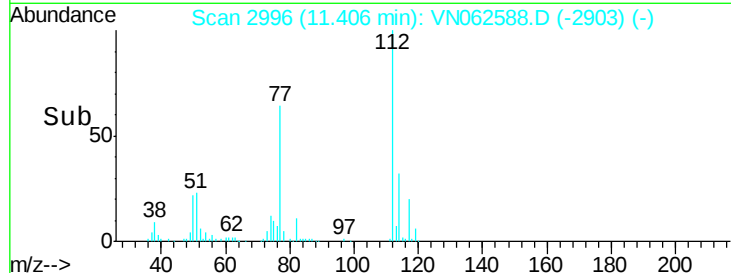
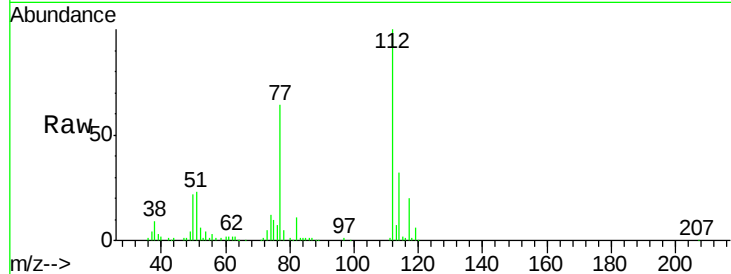
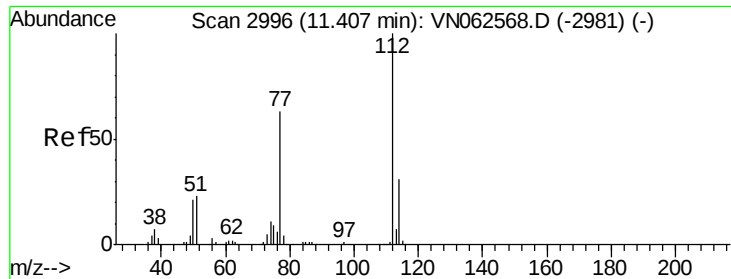
MMDadoda  
7/23/2020 2:15:00 PM



#64  
Tetrachloroethene  
Concen: 19.115 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 124.5 | 104.4 | 156.6 |
| 129     | 93.1  | 81.0  | 121.4 |
| 131     | 96.5  | 79.4  | 119.2 |





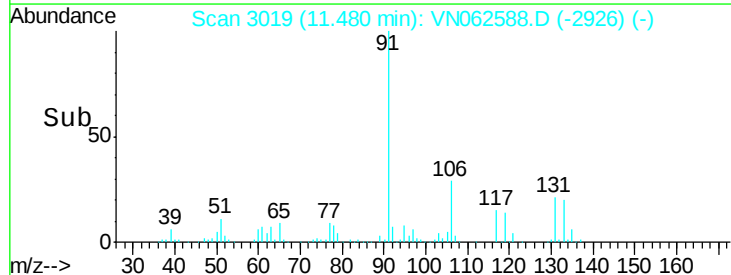
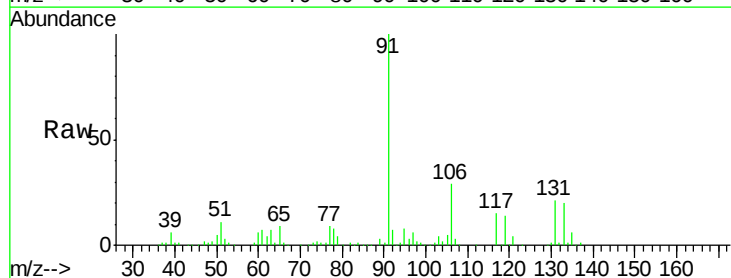
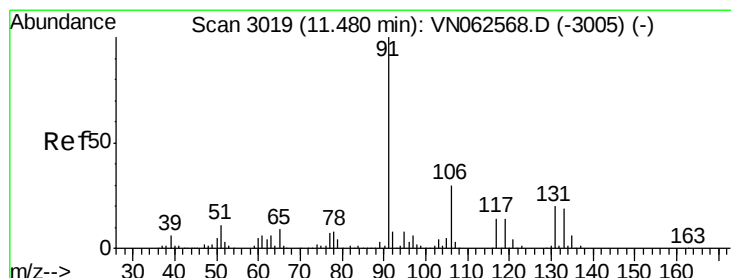
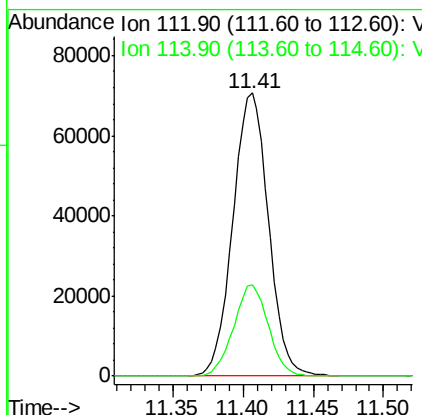
#65  
Chlorobenzene  
Concen: 18.887 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

Tot Ion:112 Resp: 125074  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.1 37.7

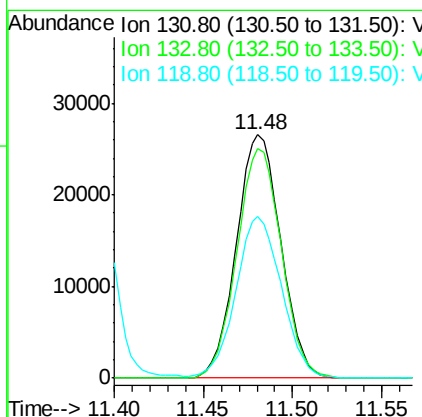
Manual Integrations  
APPROVED

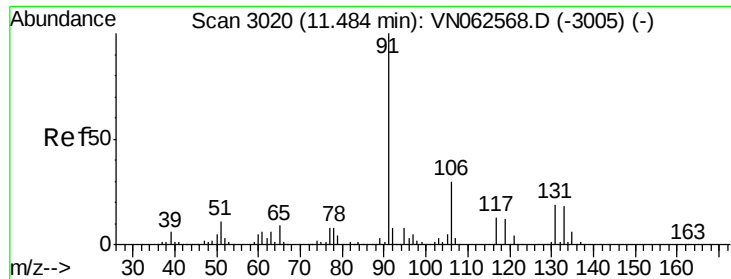
MMDadoda  
7/23/2020 2:15:00 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.558 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Tgt Ion:131 Resp: 46234  
Ion Ratio Lower Upper  
131 100  
133 94.6 47.3 142.0  
119 68.3 33.7 101.0





#67

Ethyl Benzene

Concen: 18.783 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 91 Resp: 228067

Ion Ratio Lower Upper

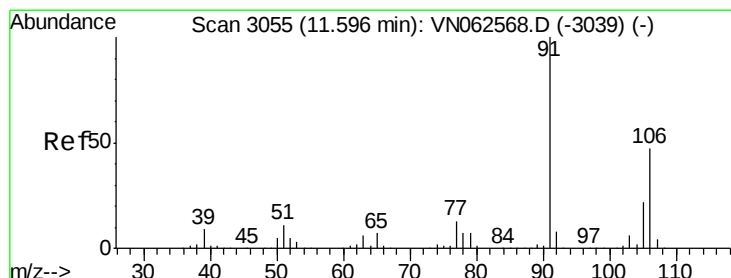
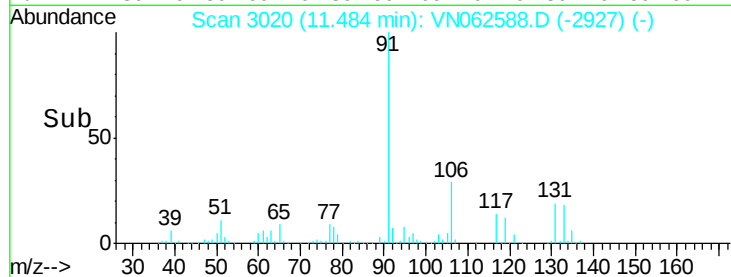
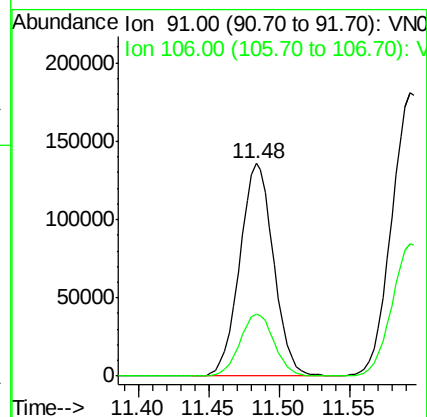
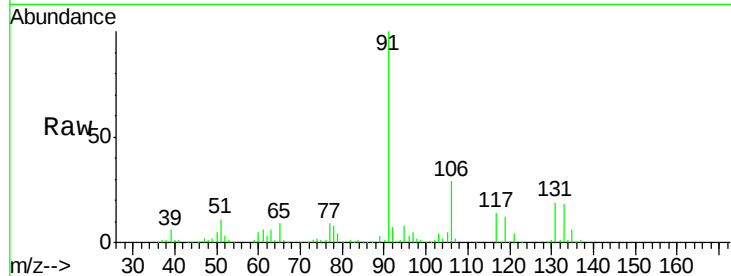
91 100

106 29.3 23.8 35.8

Manual Integrations  
APPROVED

MMDadoda

7/23/2020 2:15:00 PM



#68

m/p-Xylenes

Concen: 38.432 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062588.D

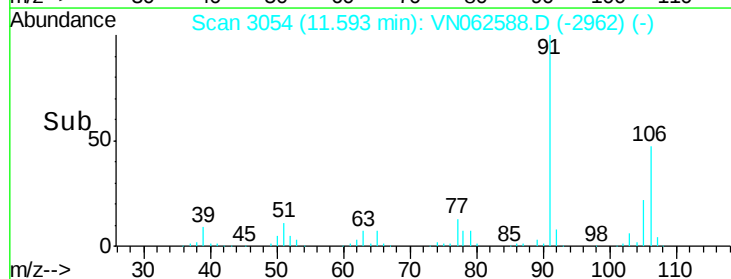
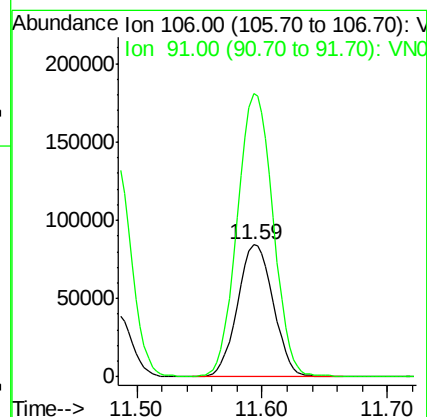
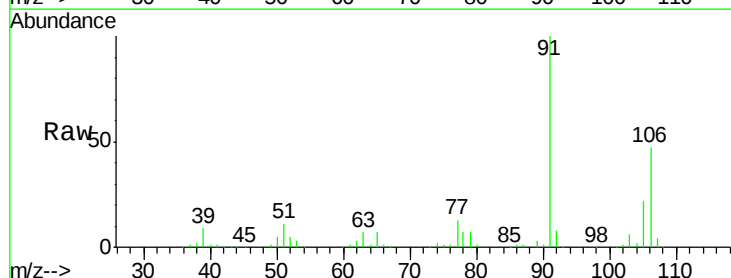
Acq: 22 Jul 2020 12:00

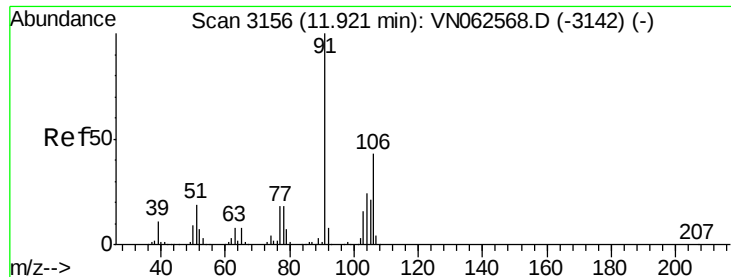
Tgt Ion: 106 Resp: 167728

Ion Ratio Lower Upper

106 100

91 213.1 171.4 257.2





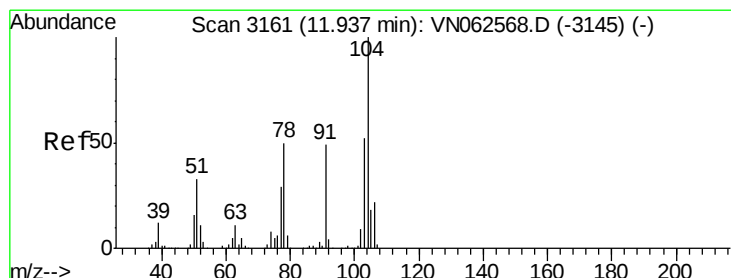
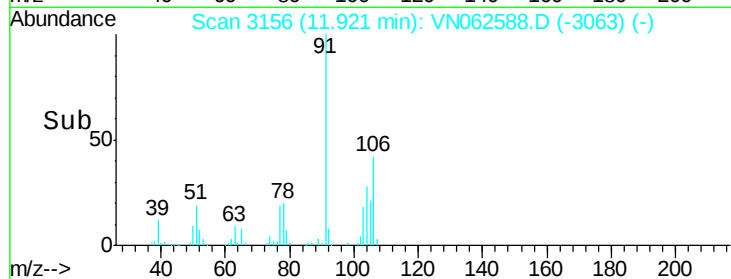
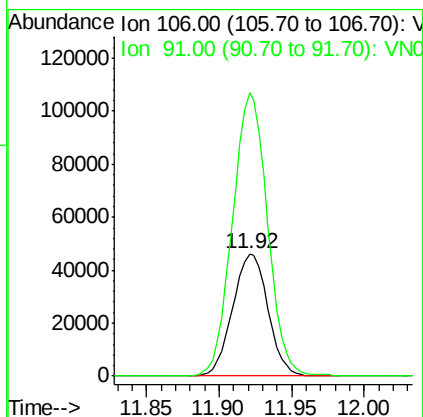
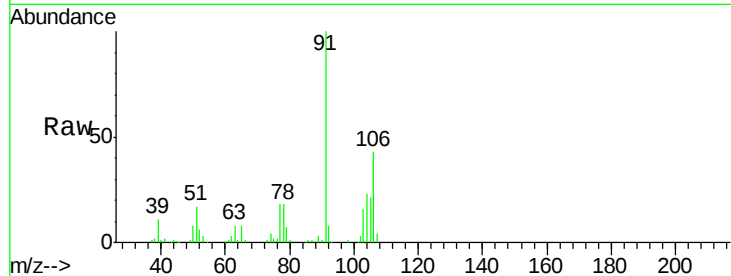
#69  
o-Xylene  
Concen: 18.880 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 229.2 | 113.8 | 341.2 |       |

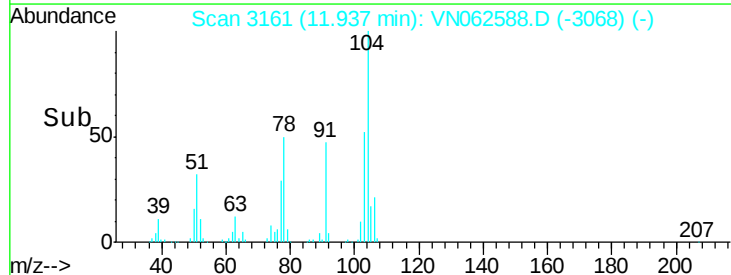
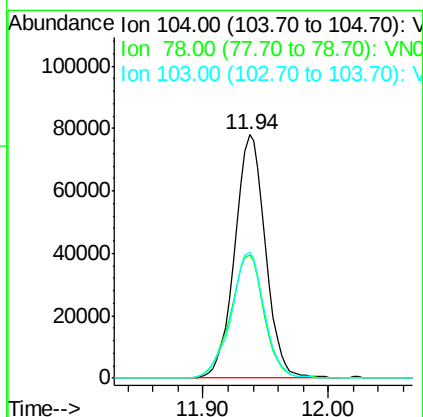
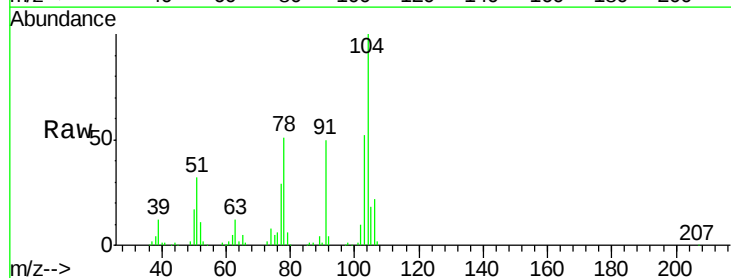
Manual Integrations  
APPROVED

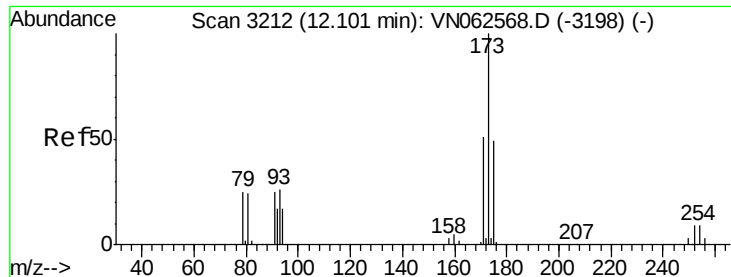
MMDadoda  
7/23/2020 2:15:00 PM



#70  
Styrene  
Concen: 18.943 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 104     | 100  |       |       |       |
| 78      | 55.6 | 43.8  | 65.6  |       |
| 103     | 56.0 | 44.0  | 66.0  |       |





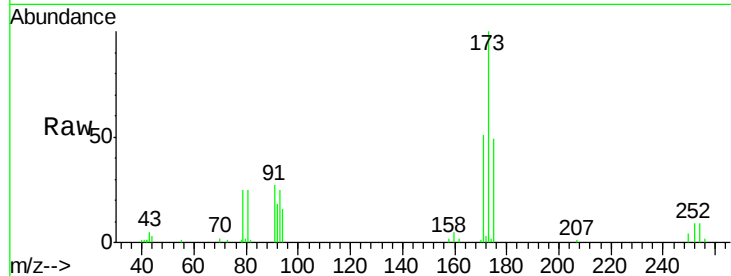
#71  
Bromoform  
Concen: 18.359 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 24.1  | 72.2  |
| 254     | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM

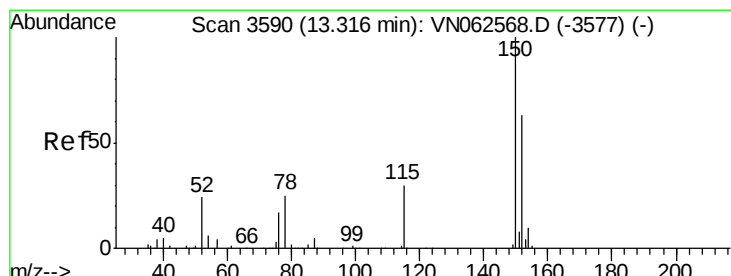
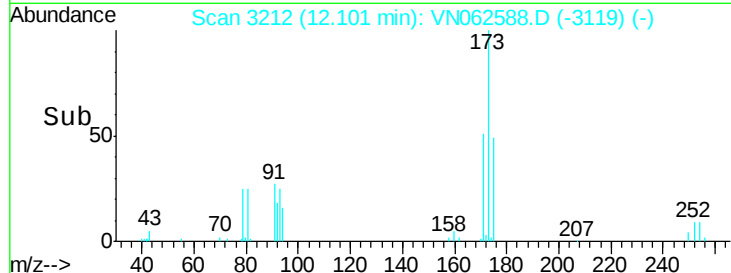
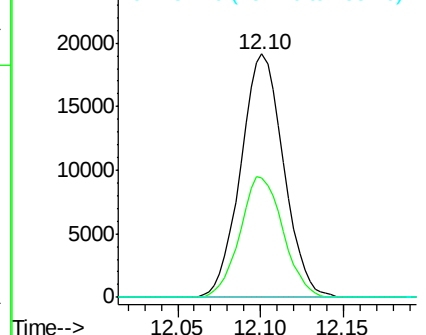


Abundance

Ion 172.70 (172.40 to 173.40): V

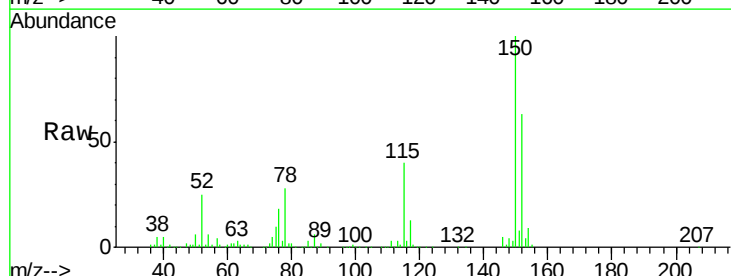
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3590  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.7  | 31.8  | 95.4  |
| 150     | 163.6 | 0.0   | 351.4 |

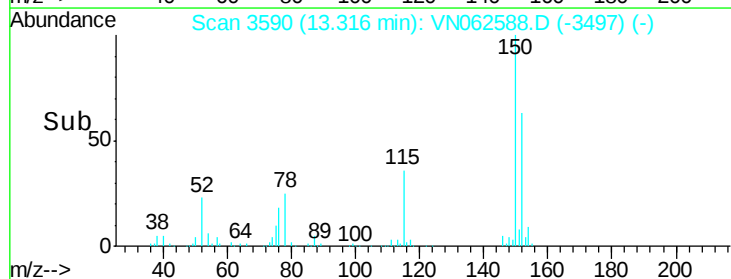
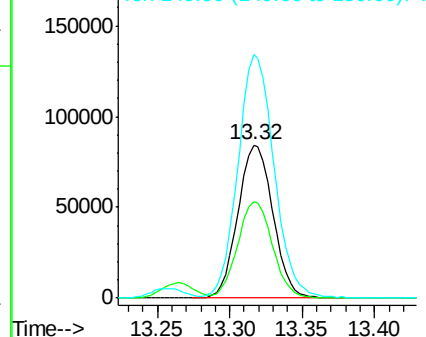


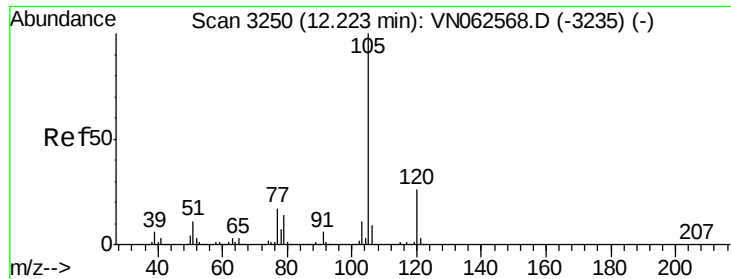
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





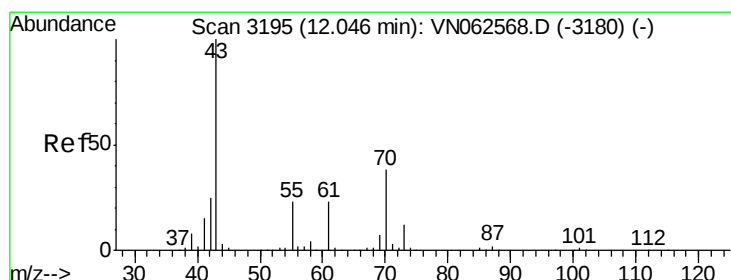
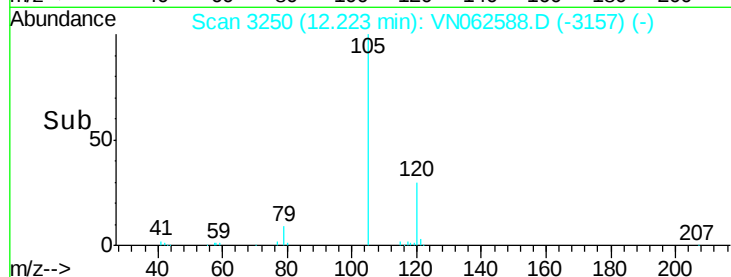
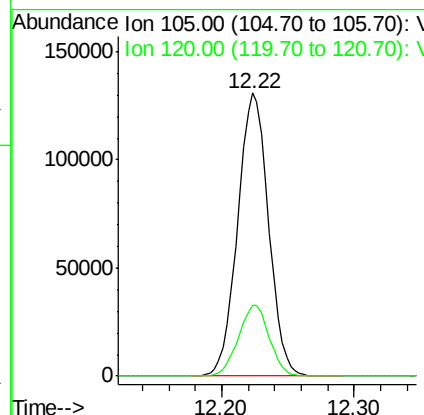
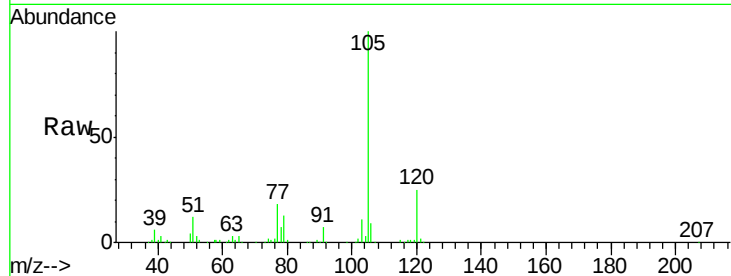
#73  
Isopropylbenzene  
Concen: 18.806 ug/l  
RT: 12.22 min Scan# 3250  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 211316 |       |       |
| 120     | 25.0  | 12.8   | 38.4  |       |

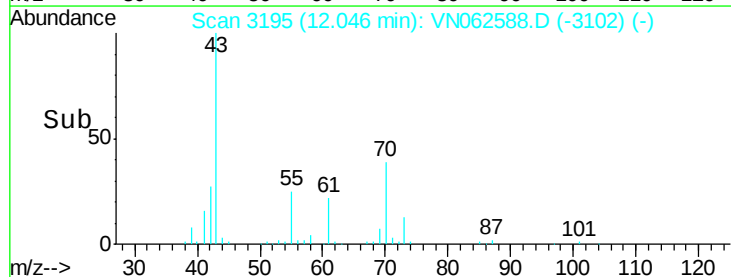
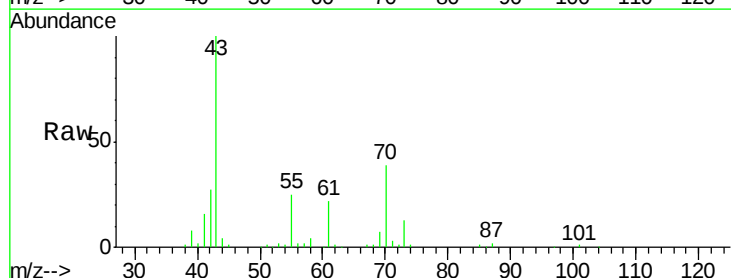
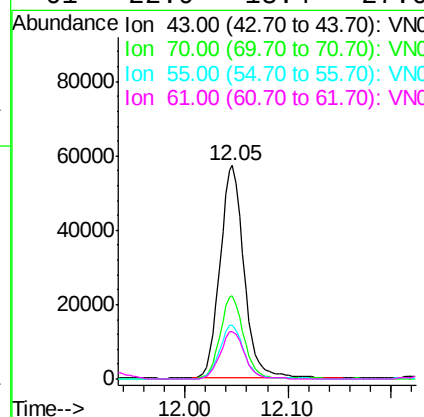
Manual Integrations  
APPROVED

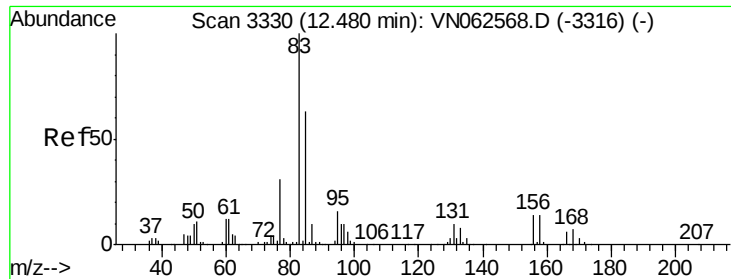
MMDadoda  
7/23/2020 2:15:00 PM



#74  
N-ethyl acetate  
Concen: 18.436 ug/l  
RT: 12.05 min Scan# 3195  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 43      | 100   | 92511 |       |       |
| 70      | 38.5  | 30.5  | 45.7  |       |
| 55      | 25.3  | 19.0  | 28.6  |       |
| 61      | 22.9  | 18.4  | 27.6  |       |





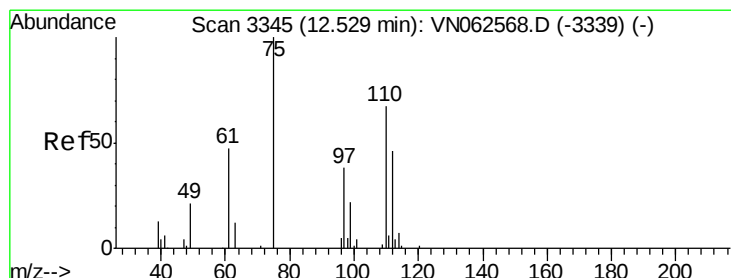
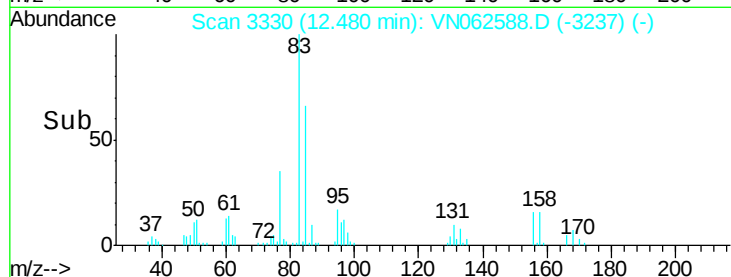
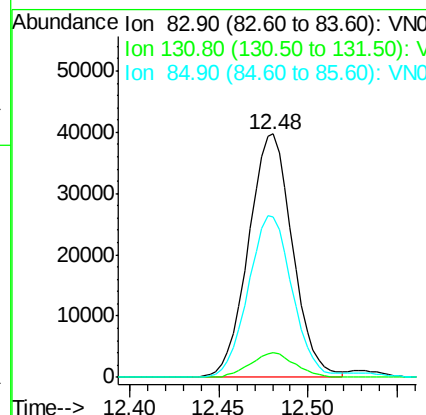
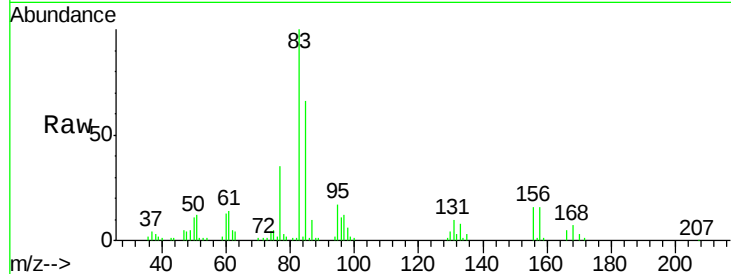
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 17.536 ug/l  
 RT: 12.48 min Scan# 3330  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

| Tot Ion   | 83   | Resp  | 68471 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 10.2 | 4.8   | 14.3  |
| 85        | 66.0 | 31.8  | 95.4  |

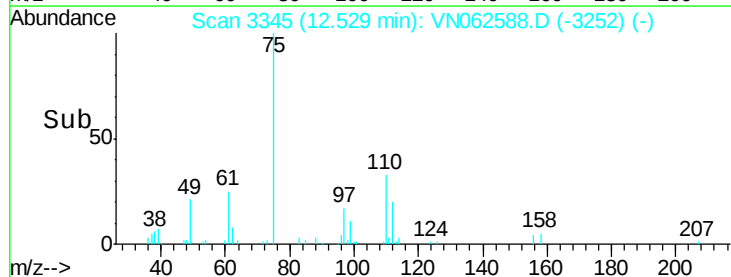
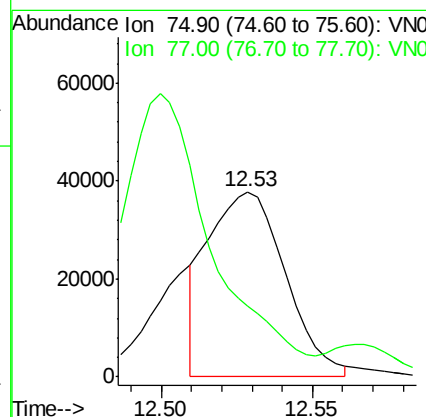
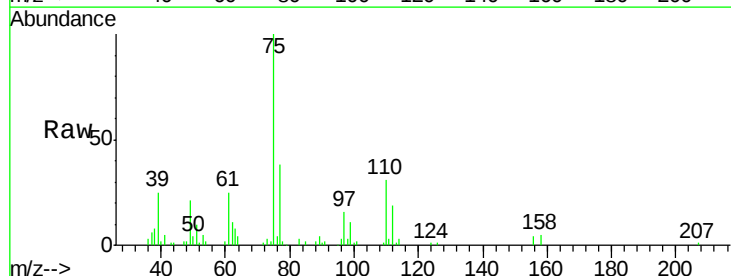
Manual Integrations  
 APPROVED

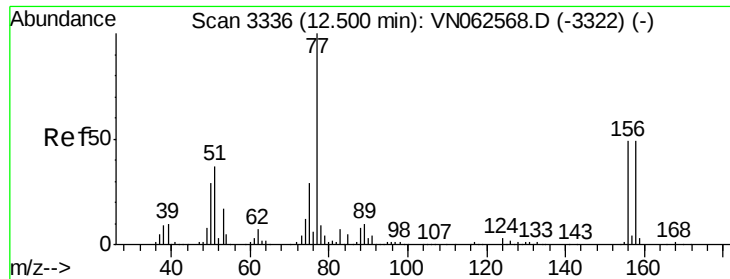
MMDadoda  
 7/23/2020 2:15:00 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 18.611 ug/l m  
 RT: 12.53 min Scan# 3345  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion   | 75  | Resp  | 67318 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 75        | 100 |       |       |
| 77        | 0.0 | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 18.327 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

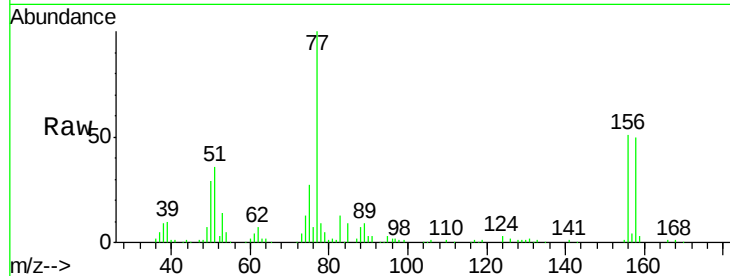
ClientSampleId :

VN0722WBS01

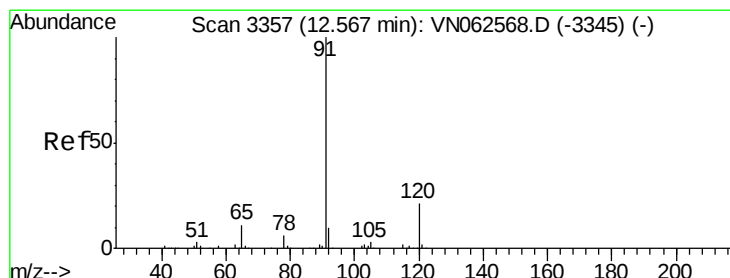
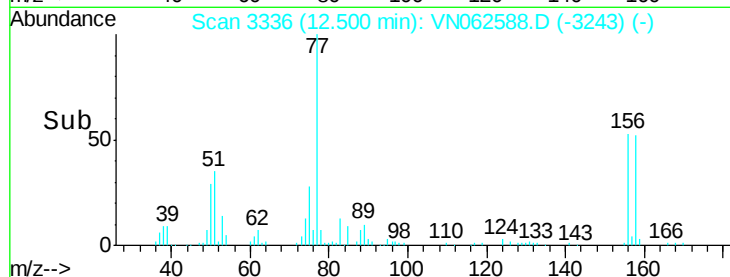
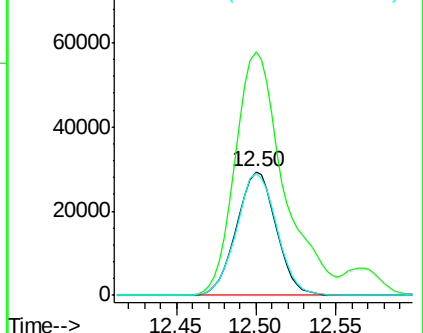
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 156   | Resp: | 49489 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 243.2 | 122.8 | 368.3 |
| 158      | 100.7 | 49.4  | 148.0 |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM



Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VN  
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.043 ug/l

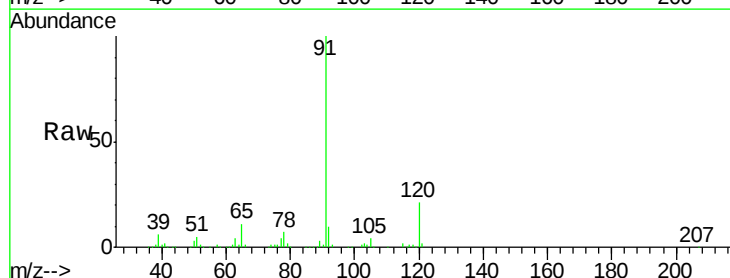
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

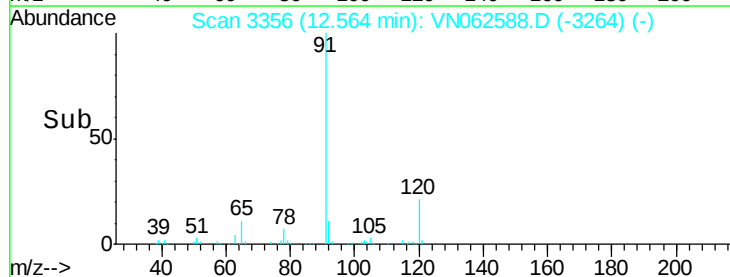
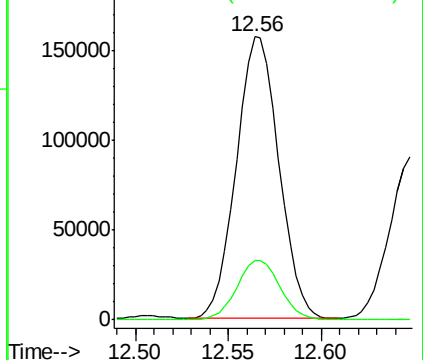
Lab File: VN062588.D

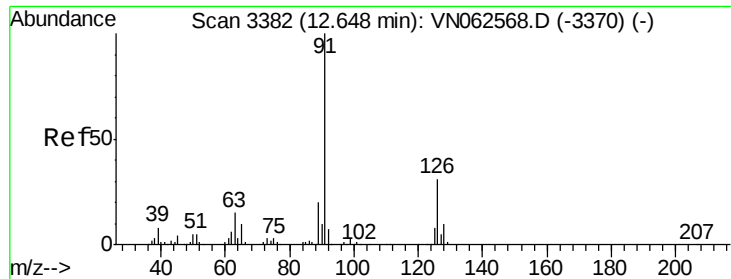
Acq: 22 Jul 2020 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 250648 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 21.3  | 10.9  | 32.6   |



Abundance Ion 91.00 (90.70 to 91.70): VN  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.722 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0722WBS01

Tot Ion: 91 Resp: 151862

Ion Ratio Lower Upper

91 100

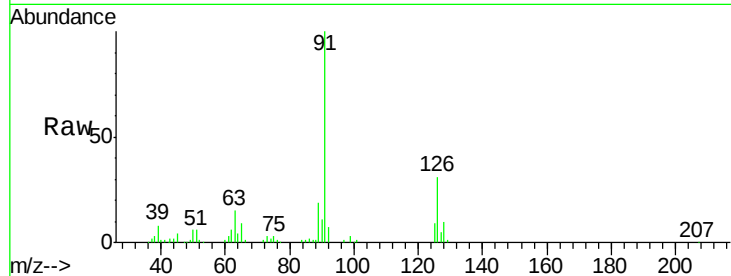
126 31.6 15.9 47.6

Manual Integrations

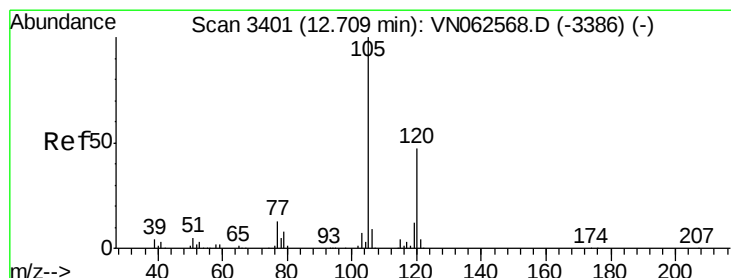
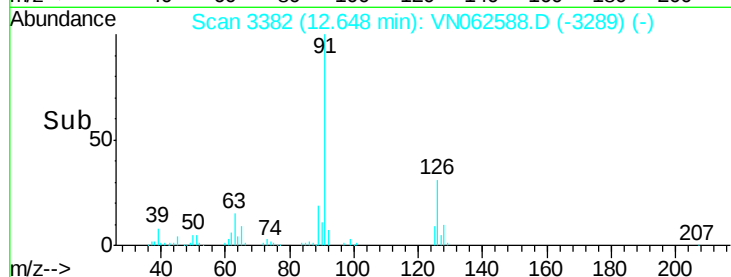
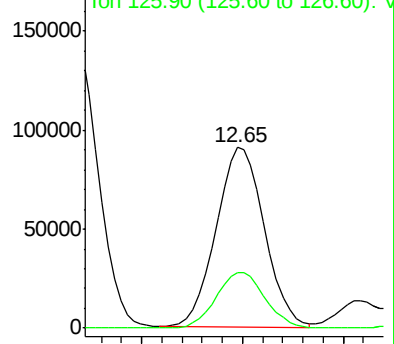
APPROVED

MMDadoda

7/23/2020 2:15:00 PM



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.432 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062588.D

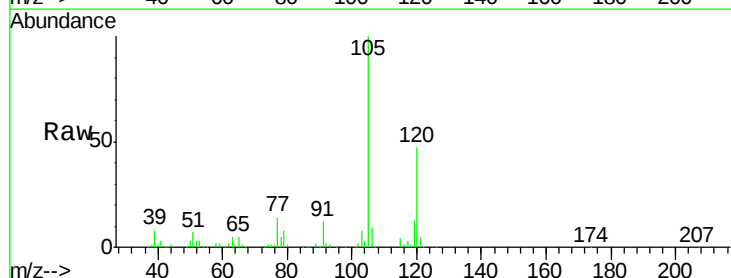
Acq: 22 Jul 2020 12:00

Tgt Ion: 105 Resp: 181124

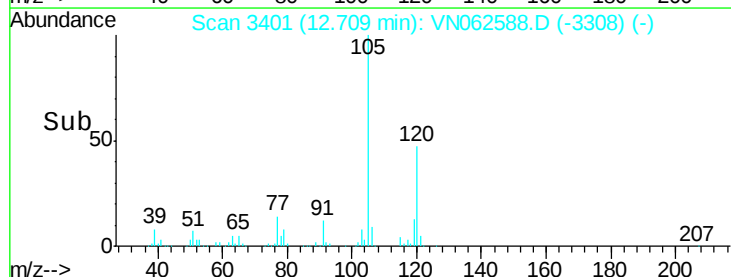
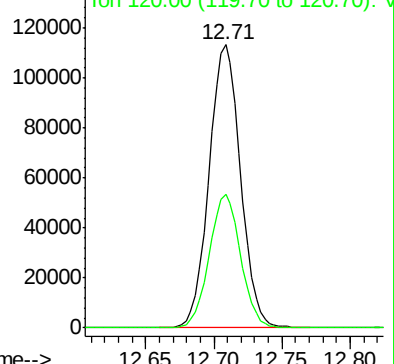
Ion Ratio Lower Upper

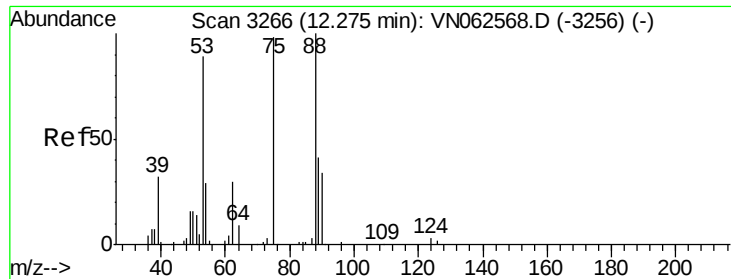
105 100

120 46.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062568.D (-3386) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.909 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

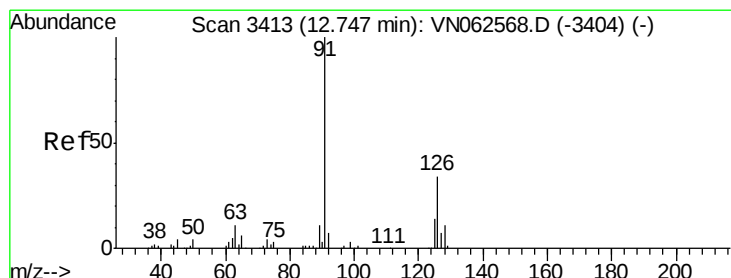
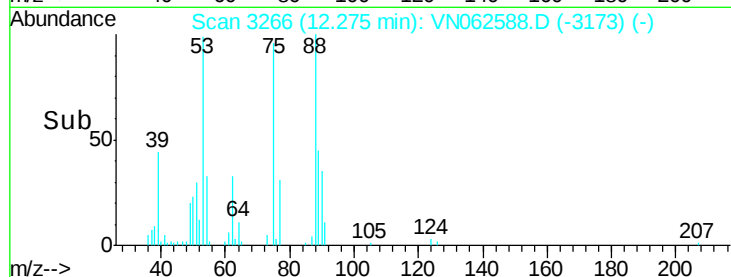
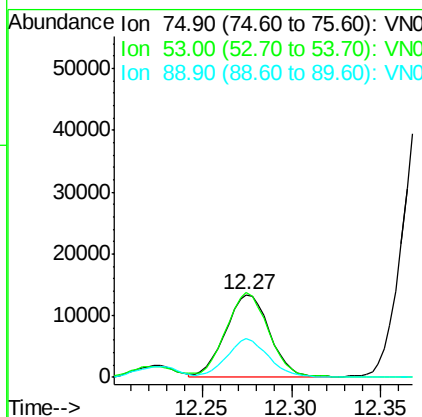
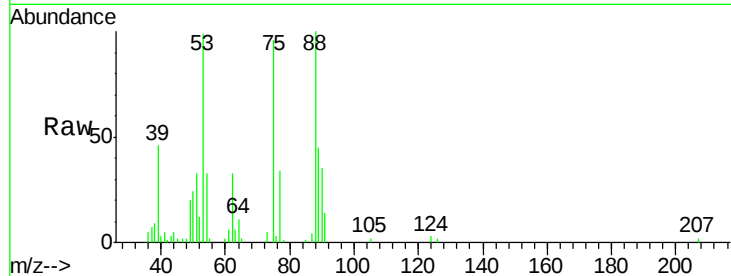
ClientSampleId :

VN0722WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 23270 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 98.3  | 75.4  | 113.0 |
| 89       | 44.1  | 34.5  | 51.7  |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM



#82

4-Chlorotoluene

Concen: 18.558 ug/l

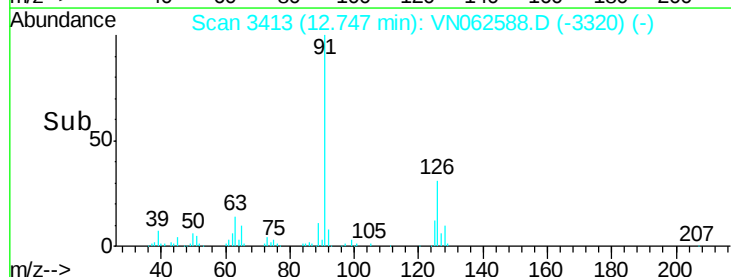
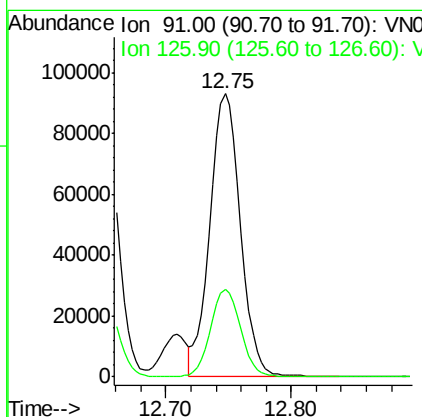
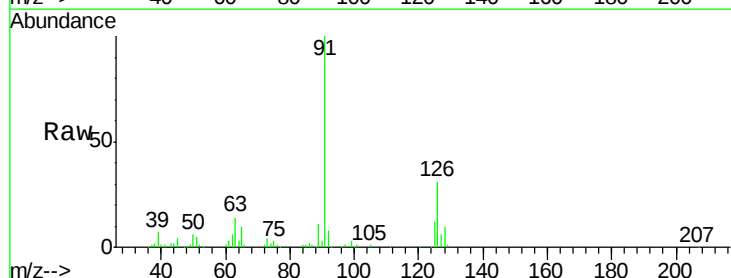
RT: 12.75 min Scan# 3413

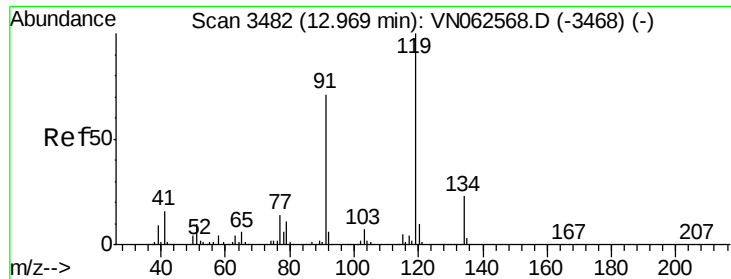
Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 156688 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.0  | 15.4  | 46.4   |





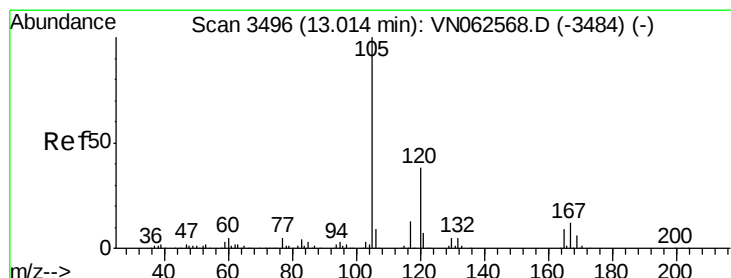
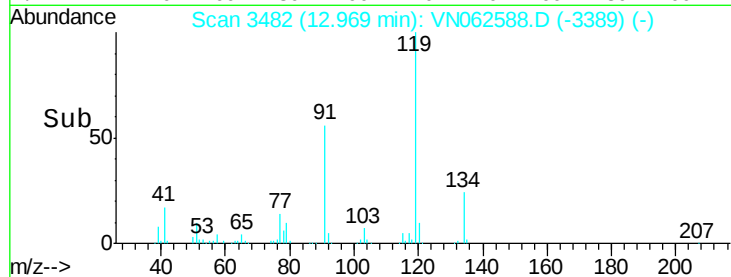
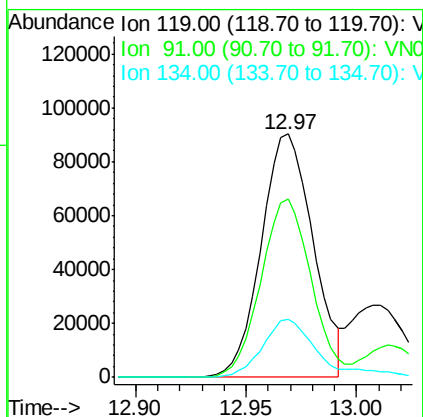
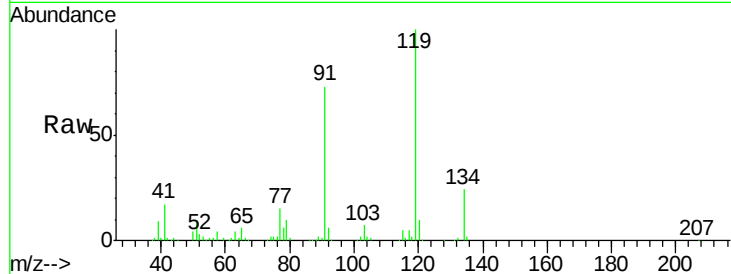
#83  
tert-Butylbenzene  
Concen: 19.043 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 71.5  | 34.6  | 103.8 |
| 134     | 25.7  | 11.5  | 34.4  |

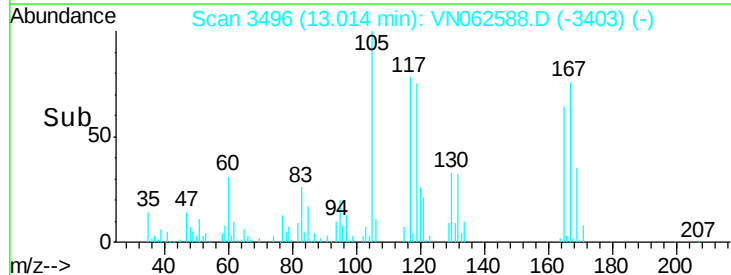
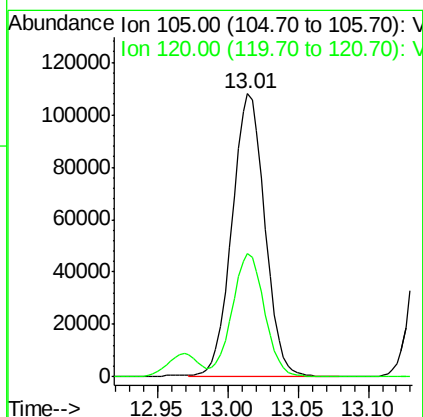
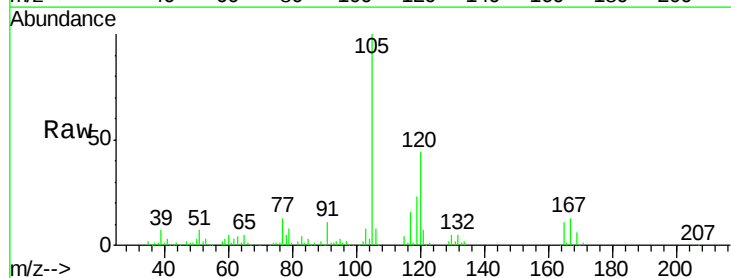
Manual Integrations  
APPROVED

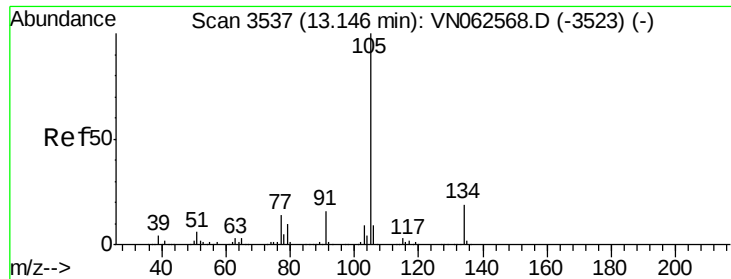
MMDadoda  
7/23/2020 2:15:00 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 19.185 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.2  | 22.1  | 66.3  |





#85

sec-Butylbenzene

Concen: 19.128 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

Instrument :

MSVOA\_N

ClientSampled :

VN0722WBS01

Tot Ion:105 Resp: 198202

Ion Ratio Lower Upper

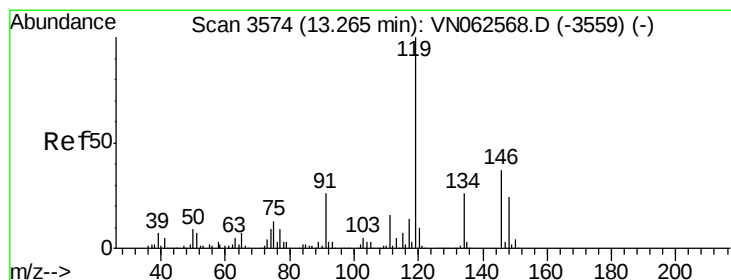
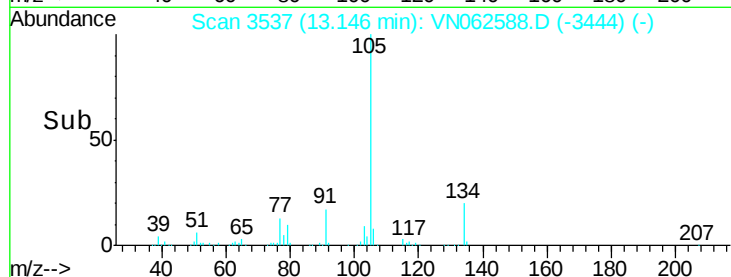
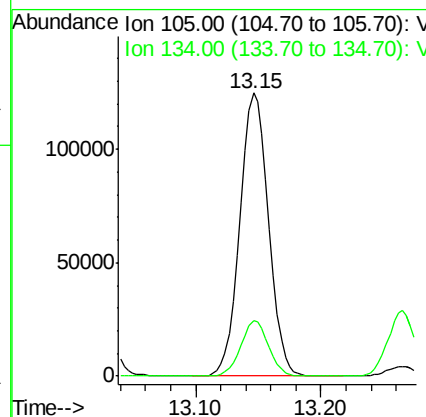
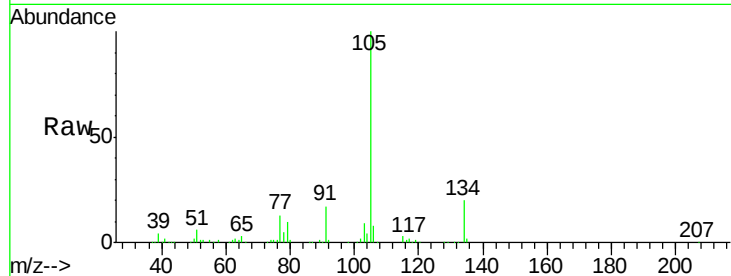
105 100

134 18.9 9.5 28.5

Manual Integrations  
APPROVED

MMDadoda

7/23/2020 2:15:00 PM



#86

p-Isopropyltoluene

Concen: 19.241 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062588.D

Acq: 22 Jul 2020 12:00

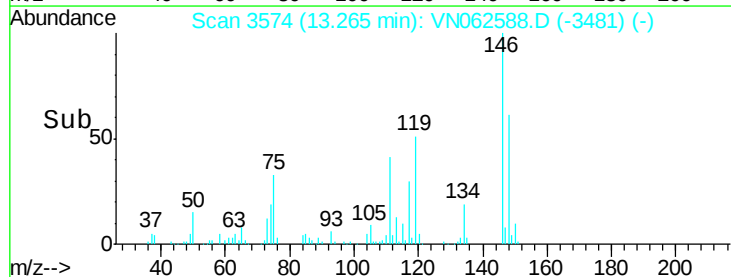
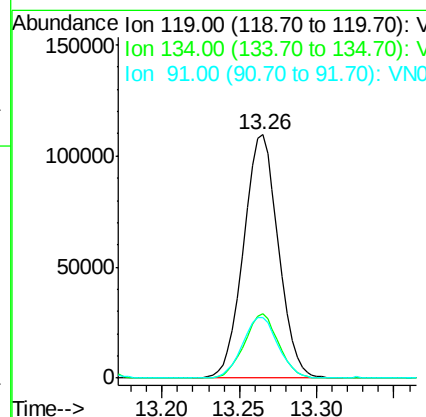
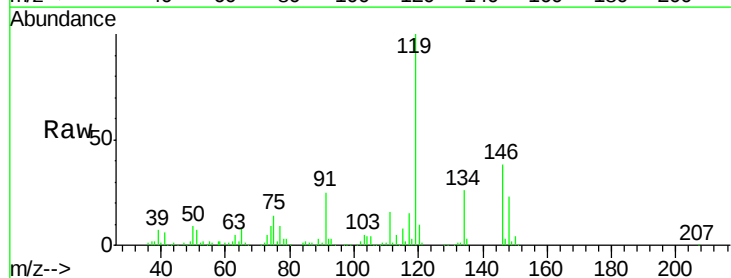
Tgt Ion:119 Resp: 171475

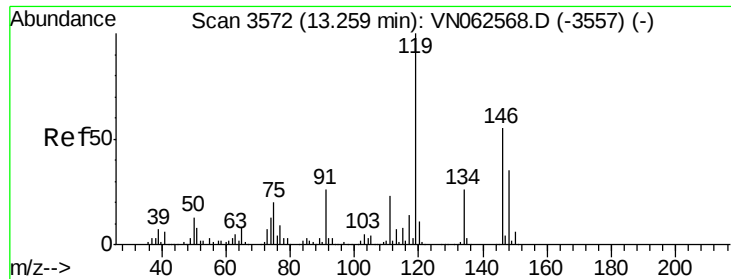
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 25.8 12.7 38.1





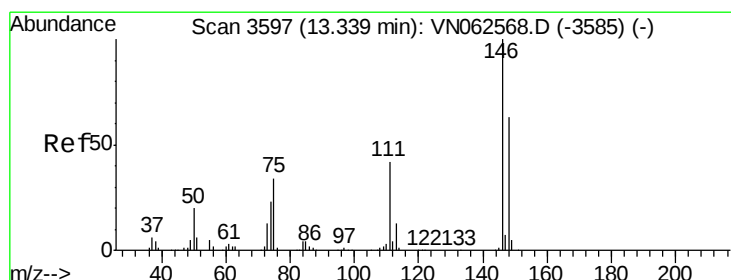
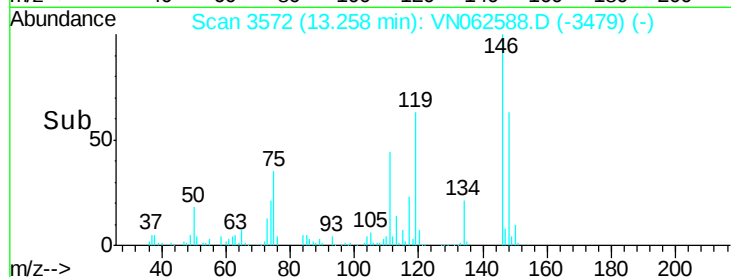
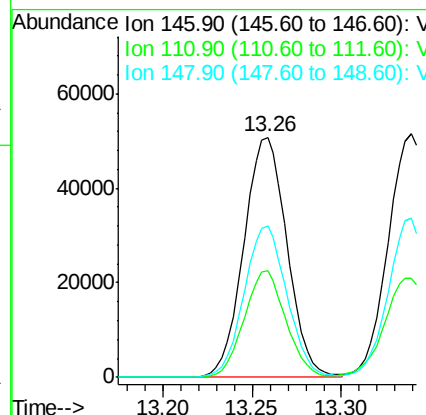
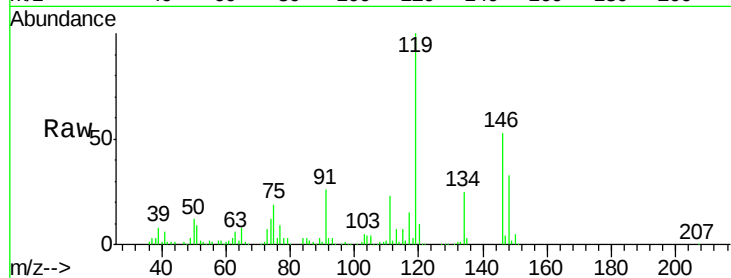
#87  
 1,3-Dichlorobenzene  
 Concen: 18.191 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.7  | 21.6  | 64.6  |
| 148     | 62.5  | 31.8  | 95.4  |

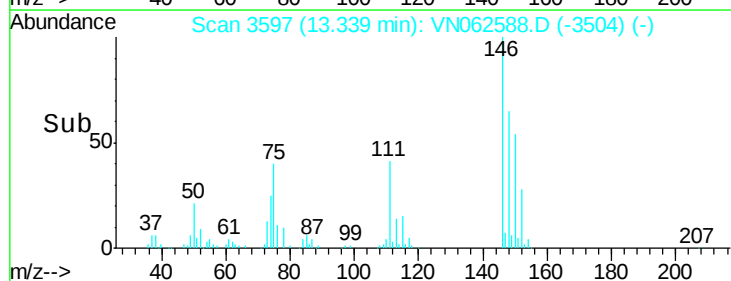
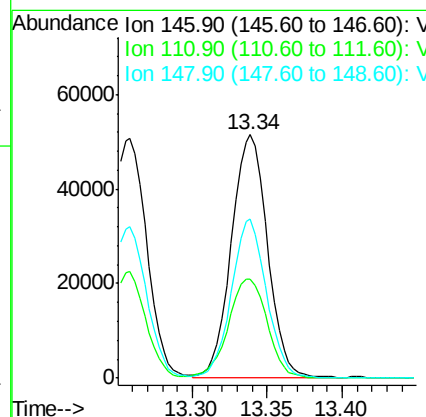
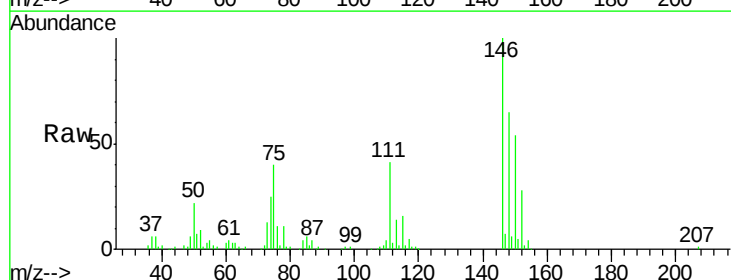
Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2020 2:15:00 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.454 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.3  | 21.1  | 63.1  |
| 148     | 64.1  | 31.6  | 94.8  |





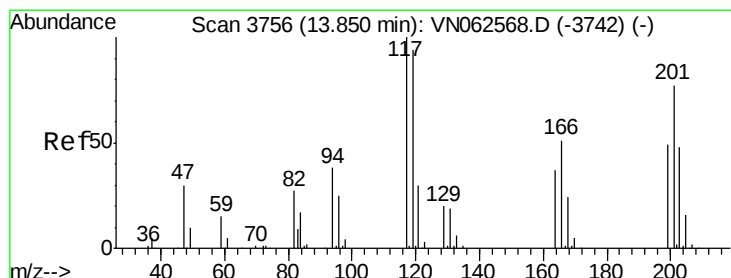
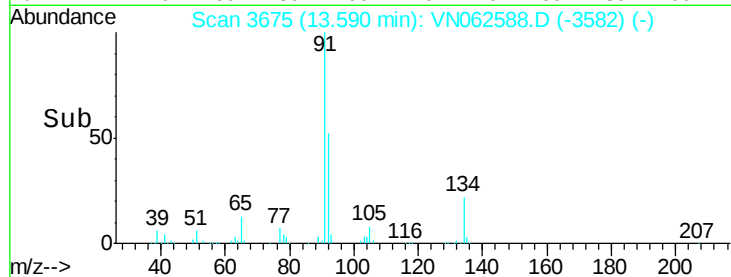
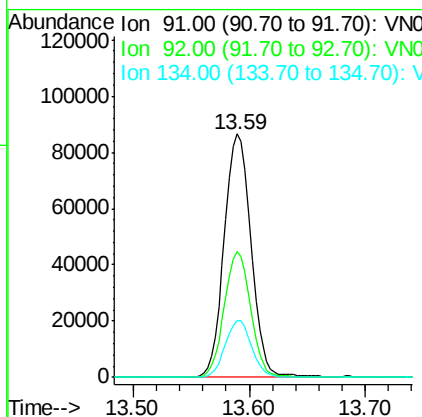
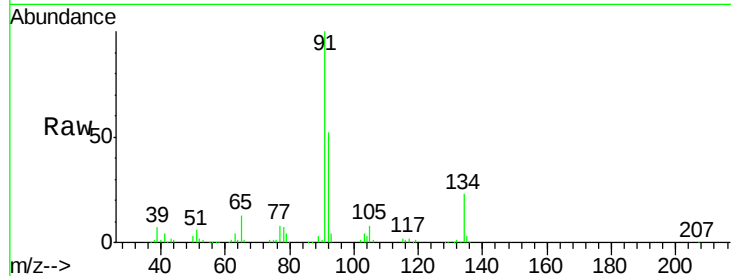
#89  
n-Butylbenzene  
Concen: 18.142 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.6  | 25.8  | 77.3  |
| 134     | 22.7  | 11.8  | 35.3  |

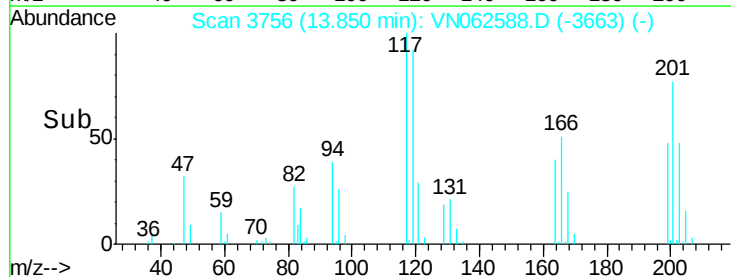
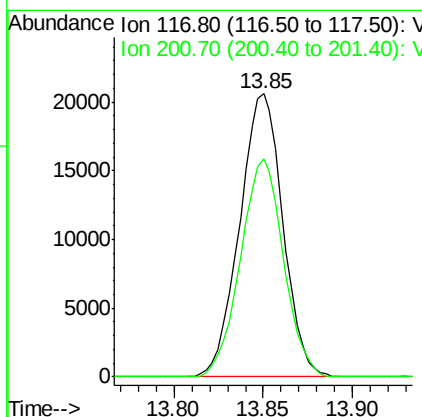
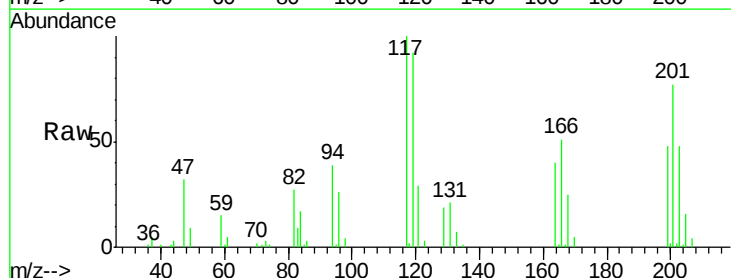
Manual Integrations  
APPROVED

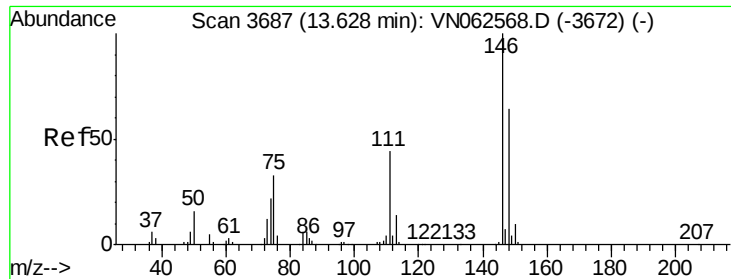
MMDadoda  
7/23/2020 2:15:00 PM



#90  
Hexachloroethane  
Concen: 18.345 ug/l  
RT: 13.85 min Scan# 3756  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 76.5  | 39.2  | 117.6 |





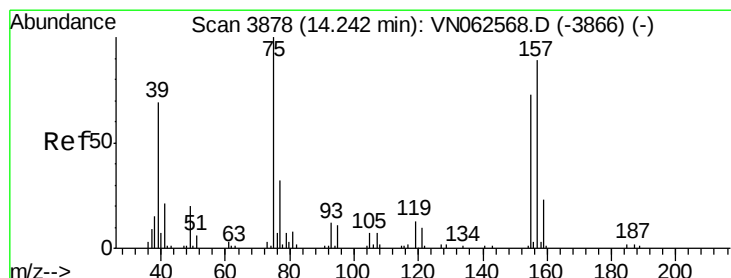
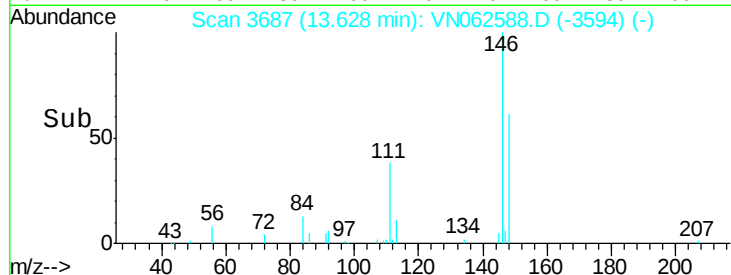
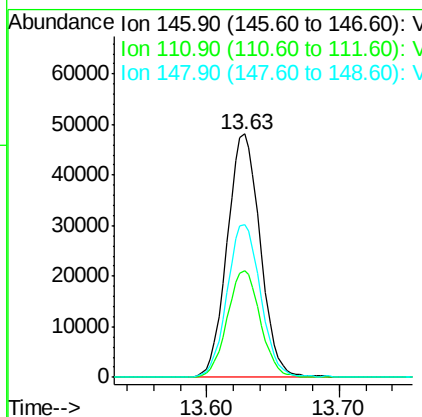
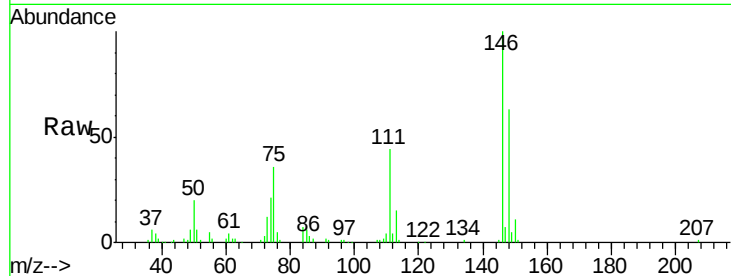
#91  
 1,2-Dichlorobenzene  
 Concen: 18.424 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 21.9  | 65.8  |
| 148     | 63.4  | 31.6  | 94.7  |

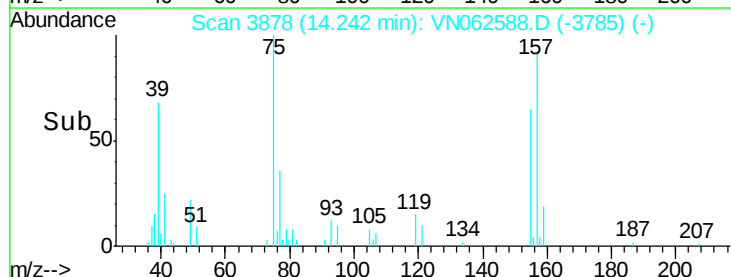
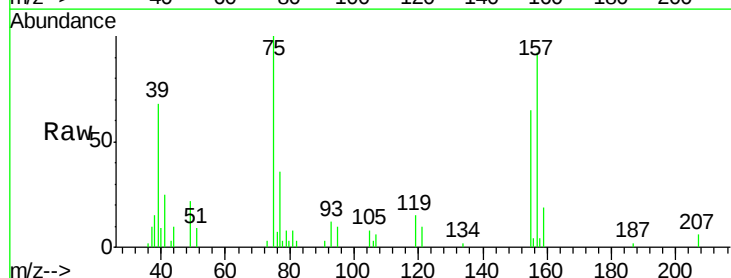
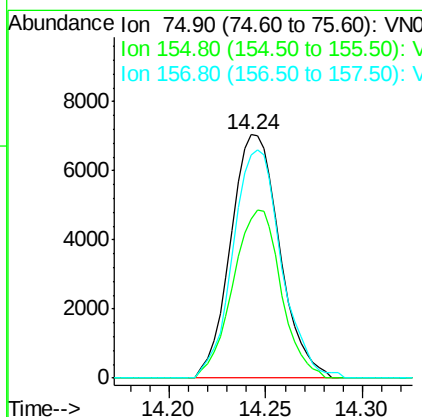
Manual Integrations  
 APPROVED

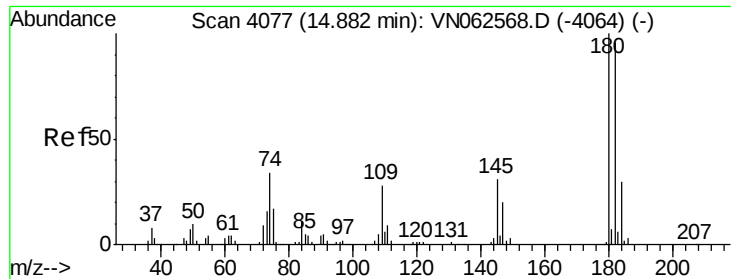
MMDadoda  
 7/23/2020 2:15:00 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.463 ug/l  
 RT: 14.24 min Scan# 3878  
 Delta R.T. -0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 67.8  | 35.9  | 107.5 |
| 157     | 92.9  | 45.0  | 135.0 |





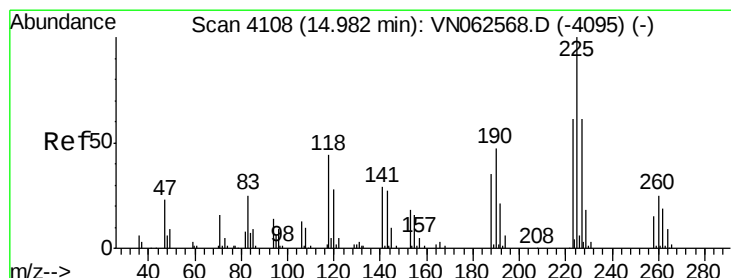
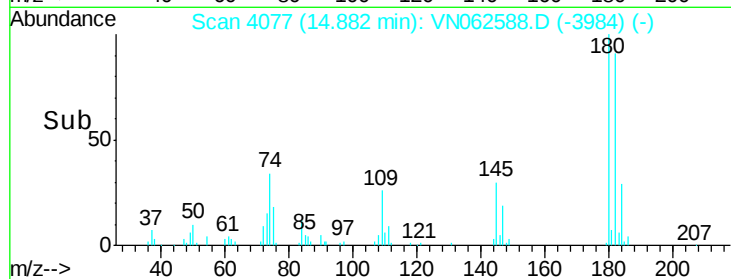
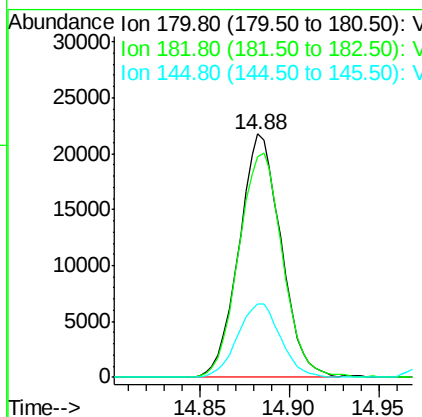
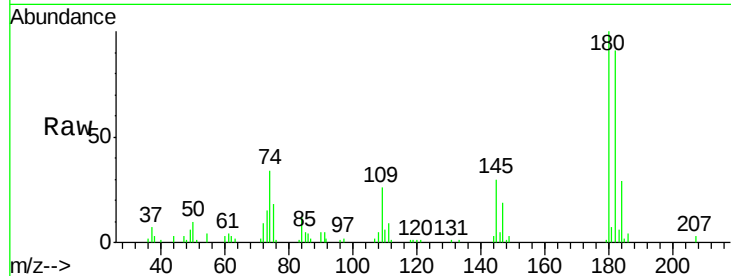
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.217 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 47.8  | 143.3 |
| 145     | 31.0  | 15.3  | 45.9  |

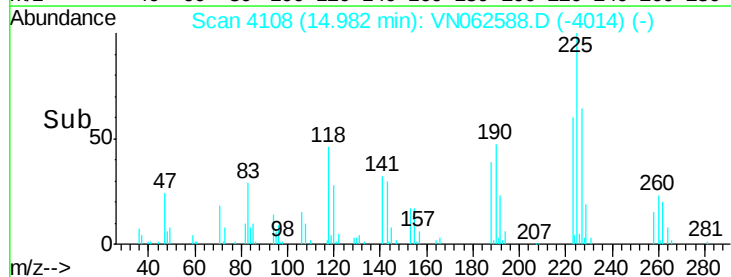
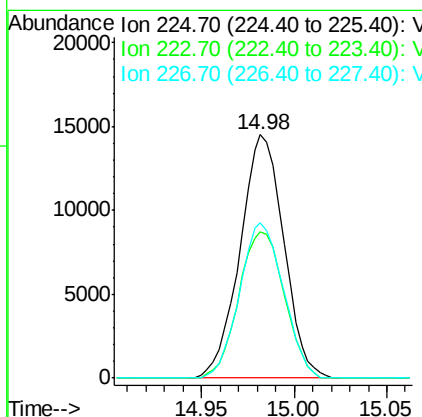
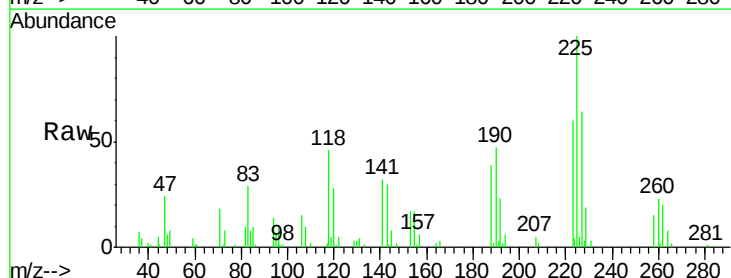
Manual Integrations  
 APPROVED

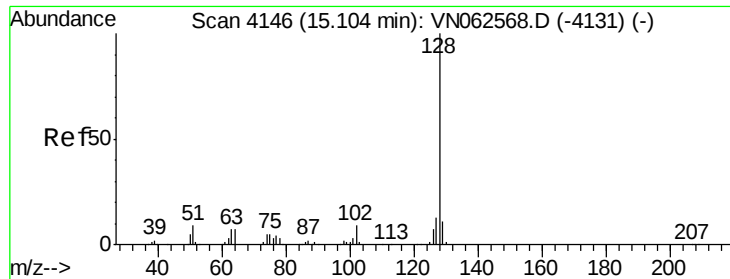
MMDadoda  
 7/23/2020 2:15:00 PM



#94  
 Hexachlorobutadiene  
 Concen: 19.138 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. 0.00 min  
 Lab File: VN062588.D  
 Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 32.0  | 96.0  |
| 227     | 63.9  | 31.1  | 93.2  |





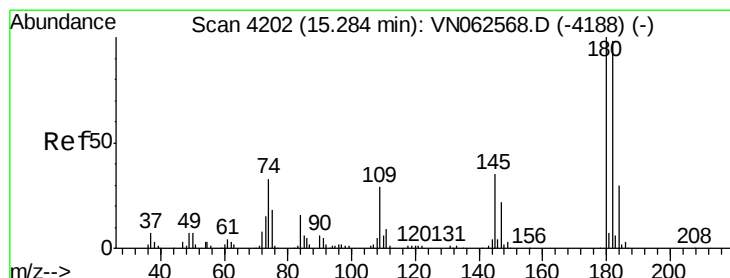
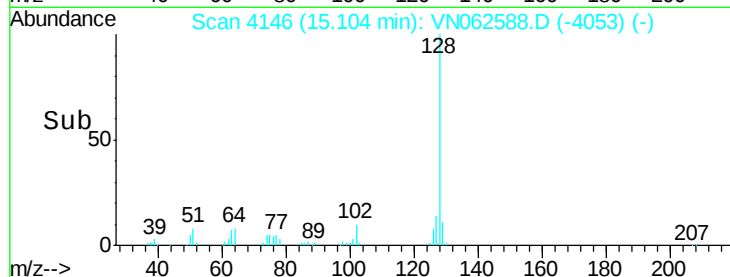
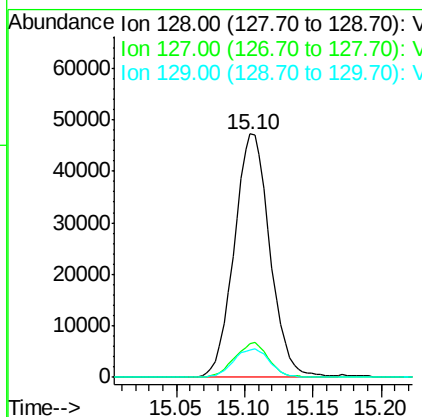
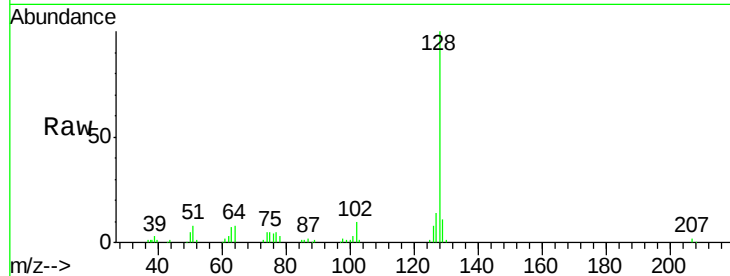
#95  
Naphthalene  
Concen: 16.345 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0722WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.6  | 10.4  | 15.6  |
| 129     | 11.8  | 8.7   | 13.1  |

Manual Integrations  
APPROVED

MMDadoda  
7/23/2020 2:15:00 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 16.976 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. -0.00 min  
Lab File: VN062588.D  
Acq: 22 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.3  | 48.1  | 144.3 |
| 145     | 33.8  | 16.7  | 50.1  |

