

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\  
 Data File : VN060222.D  
 Acq On : 25 Feb 2020 10:30  
 Operator : JC/MD  
 Sample : VN0225WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/26/2020 10:45:05 AM

Quant Time: Feb 25 16:02:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 185469   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 286777   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 268951   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 130611   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 111170   | 49.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.52%  |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 89400    | 50.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.42% |      |
| 50) Toluene-d8            | 10.08  | 98  | 342315   | 49.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.62%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 124235   | 48.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.40%  |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 32201  | 17.370 | ug/l | 99     |
| 3) Chloromethane              | 2.04 | 50  | 37529  | 17.011 | ug/l | 97     |
| 4) Vinyl Chloride             | 2.17 | 62  | 42870  | 17.048 | ug/l | 100    |
| 5) Bromomethane               | 2.55 | 94  | 27354  | 17.740 | ug/l | 95     |
| 6) Chloroethane               | 2.69 | 64  | 22539  | 17.721 | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 57041  | 17.593 | ug/l | 99     |
| 8) Diethyl Ether              | 3.38 | 74  | 19879  | 18.419 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 32734  | 18.185 | ug/l | 98     |
| 10) Methyl Iodide             | 3.93 | 142 | 40011  | 18.206 | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 29511  | 87.382 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 31182  | 17.782 | ug/l | 97     |
| 13) Acrolein                  | 3.58 | 56  | 27110  | 81.211 | ug/l | 96     |
| 14) Allyl chloride            | 4.30 | 41  | 44809  | 17.362 | ug/l | 97     |
| 15) Acrylonitrile             | 4.94 | 53  | 76459  | 92.703 | ug/l | 99     |
| 16) Acetone                   | 3.78 | 43  | 76847  | 78.063 | ug/l | 95     |
| 17) Carbon Disulfide          | 4.03 | 76  | 83769  | 15.849 | ug/l | 98     |
| 18) Methyl Acetate            | 4.29 | 43  | 35517  | 19.206 | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 106893 | 18.127 | ug/l | 100    |
| 20) Methylene Chloride        | 4.52 | 84  | 35034  | 17.838 | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 34398  | 17.995 | ug/l | 94     |
| 22) Diisopropyl ether         | 5.91 | 45  | 103128 | 18.232 | ug/l | 97     |
| 23) Vinyl Acetate             | 5.86 | 43  | 424452 | 89.357 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 62139  | 18.134 | ug/l | 98     |
| 25) 2-Butanone                | 6.80 | 43  | 104105 | 84.085 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 58451  | 17.959 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 39715  | 17.753 | ug/l | 99     |
| 28) Bromochloromethane        | 7.17 | 49  | 25668  | 19.054 | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.18 | 42  | 68041  | 89.582 | ug/l | 98     |
| 30) Chloroform                | 7.35 | 83  | 65536  | 18.258 | ug/l | 98     |
| 31) Cyclohexane               | 7.63 | 56  | 56103  | 17.576 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 59300  | 18.079 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 48200  | 18.146 | ug/l | 99     |
| 37) Ethyl Acetate             | 6.89 | 43  | 43480  | 18.112 | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 51546  | 17.868 | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\  
 Data File : VN060222.D  
 Acq On : 25 Feb 2020 10:30  
 Operator : JC/MD  
 Sample : VN0225WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/26/2020 10:45:05 AM

Quant Time: Feb 25 16:02:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 58872    | 17.855  | ug/l   | 99       |
| 40) Benzene                    | 8.02  | 78   | 142352   | 18.066  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.14  | 41   | 17318m   | 17.202  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 51910    | 18.797  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 74471    | 18.147  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 40133    | 18.395  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 37443    | 19.194  | ug/l   | 96       |
| 46) Dibromomethane             | 9.19  | 93   | 24861    | 18.034  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.39  | 83   | 52007    | 18.556  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 31501    | 17.109  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 11654    | 370.457 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 218230   | 91.875  | ug/l   | 99       |
| 52) Toluene                    | 10.14 | 92   | 92381    | 18.283  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 58158    | 18.384  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 61461    | 18.450  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 36070    | 18.298  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 49415    | 17.721  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 60618    | 18.636  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 117309   | 90.300  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.74 | 43   | 158126   | 86.179  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.89 | 129  | 41500    | 18.346  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 37743    | 18.265  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.62 | 164  | 38082    | 18.626  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 98486    | 17.974  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 38303    | 18.478  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 179004   | 18.113  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 134913   | 36.374  | ug/l   | 98       |
| 69) o-Xylene                   | 11.94 | 106  | 64503    | 18.062  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 101677   | 17.655  | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 29113    | 17.462  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 174280   | 17.869  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.07 | 43   | 61242    | 17.413  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 52377    | 18.657  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 48706m   | 19.491  | ug/l   |          |
| 77) Bromobenzene               | 12.52 | 156  | 44277    | 18.293  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 198575   | 17.870  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 117043   | 17.920  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 147346   | 18.170  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 17387    | 17.037  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 118946   | 17.750  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 129393   | 18.037  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 146050   | 18.245  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 171350   | 18.036  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 154366   | 17.933  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 77729    | 18.142  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 75990    | 17.739  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 131203   | 17.329  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 28521    | 17.736  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 74705    | 17.816  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 10463    | 17.019  | ug/l   | 95       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022520\  
Data File : VN060222.D  
Acq On : 25 Feb 2020 10:30  
Operator : JC/MD  
Sample : VN0225WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

Manual Integrations  
APPROVED

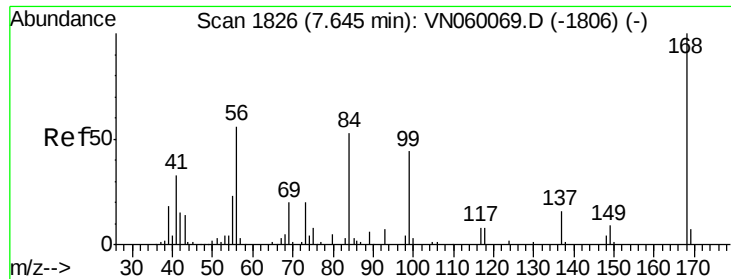
MMDadoda  
2/26/2020 10:45:05 AM

Quant Time: Feb 25 16:02:19 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 12 14:12:21 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 42318    | 17.177 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 25426    | 17.629 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 108678   | 16.330 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 42444    | 17.300 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion:168 Resp: 185469

Ion Ratio Lower Upper

168 100

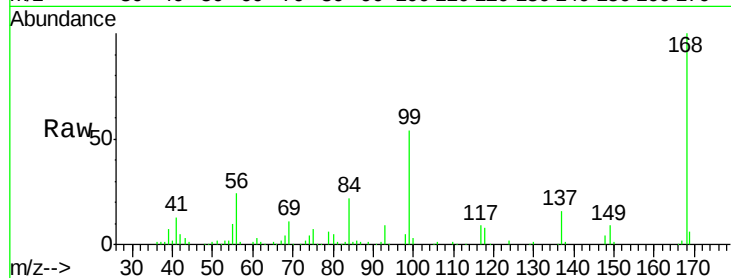
99 53.7 42.7 64.1

Manual Integrations

APPROVED

MMDadoda

2/26/2020 10:45:05 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

40000

20000

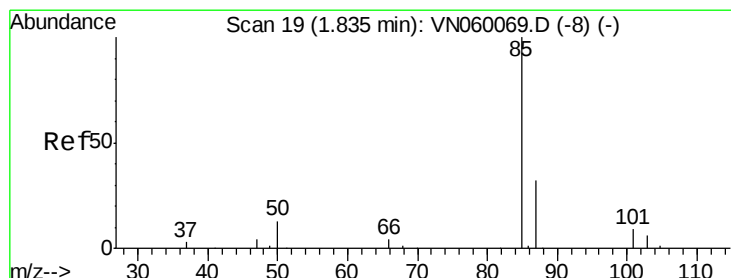
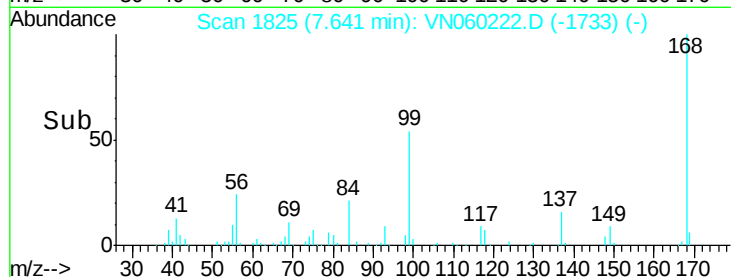
0

7.50

7.60

7.70

7.80



#2

Dichlorodifluoromethane

Concen: 17.370 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060222.D

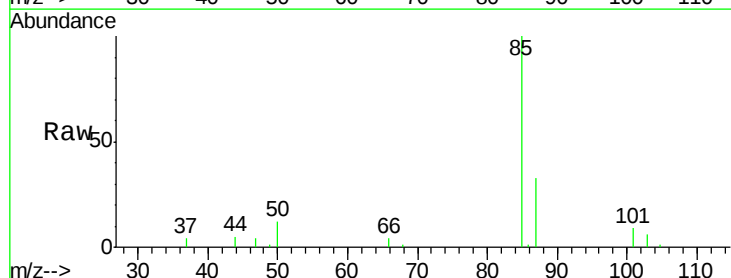
Acq: 25 Feb 2020 10:30

Tgt Ion: 85 Resp: 32201

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

10000

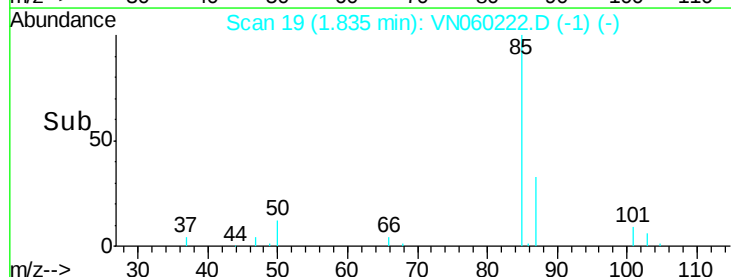
5000

0

1.80

1.85

1.90





#3

Chloromethane

Concen: 17.011 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion: 50 Resp: 37529

Ion Ratio Lower Upper

50 100

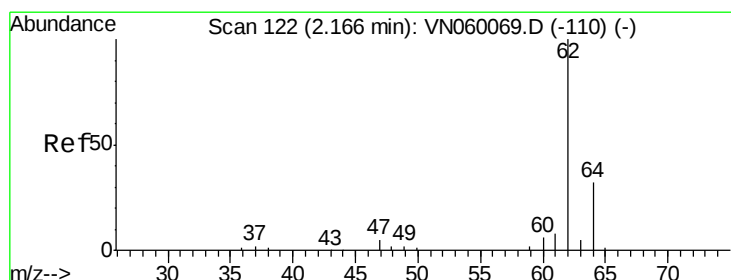
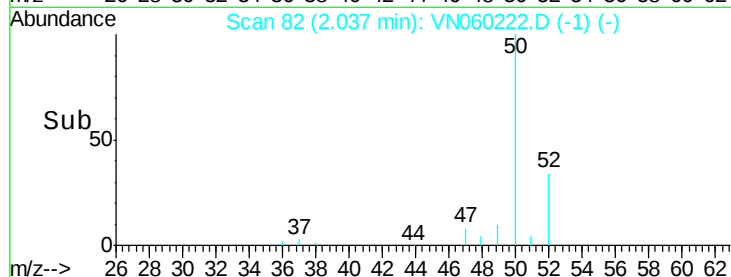
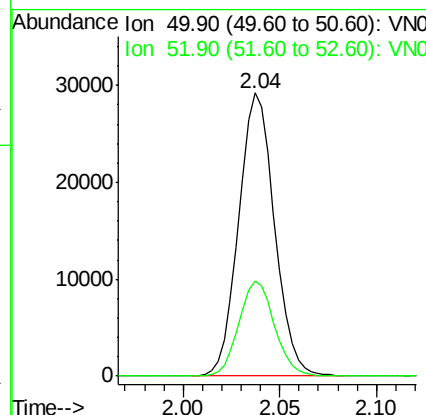
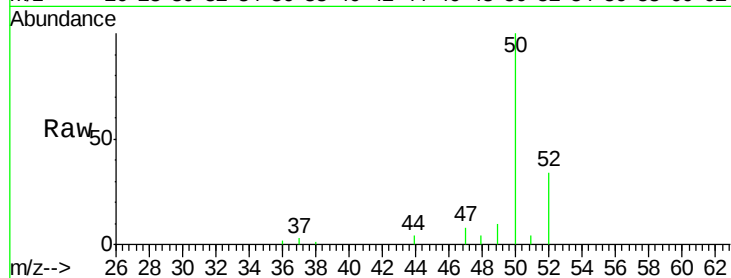
52 33.7 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

2/26/2020 10:45:05 AM



#4

Vinyl Chloride

Concen: 17.048 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060222.D

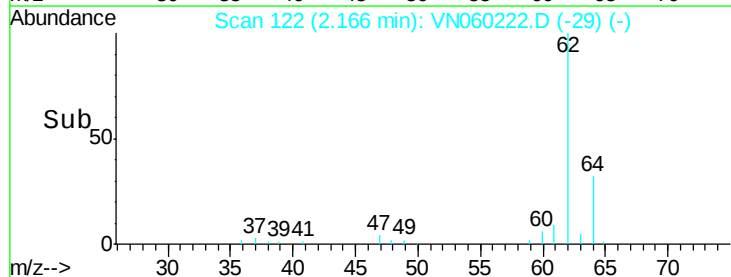
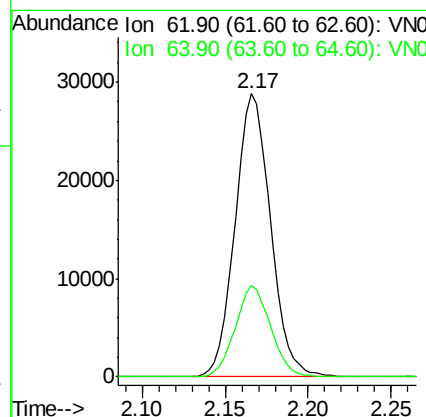
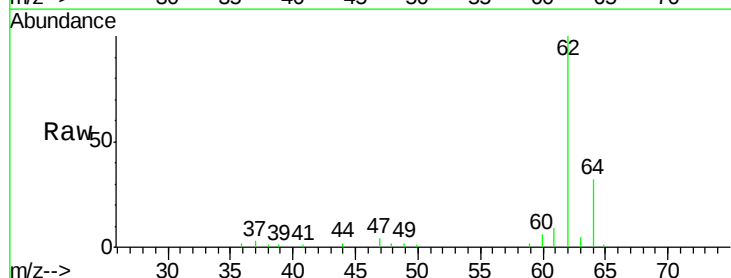
Acq: 25 Feb 2020 10:30

Tgt Ion: 62 Resp: 42870

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9





#5

Bromomethane

Concen: 17.740 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion: 94 Resp: 27354

Ion Ratio Lower Upper

94 100

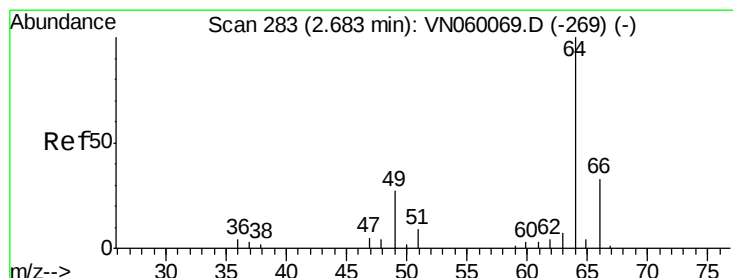
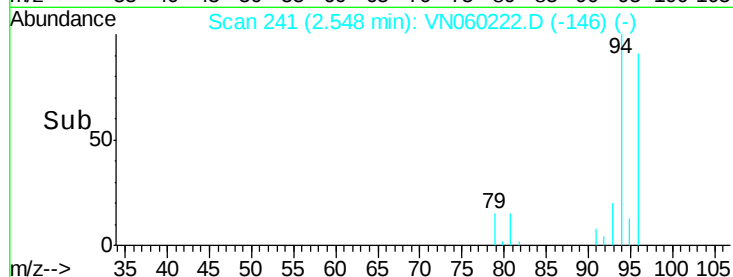
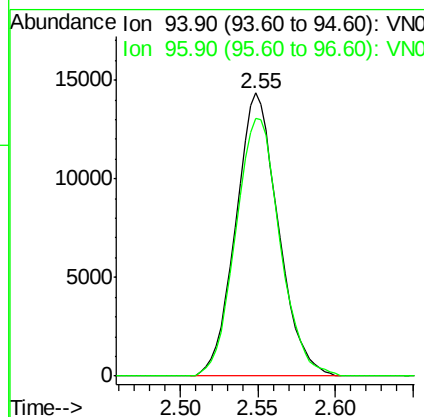
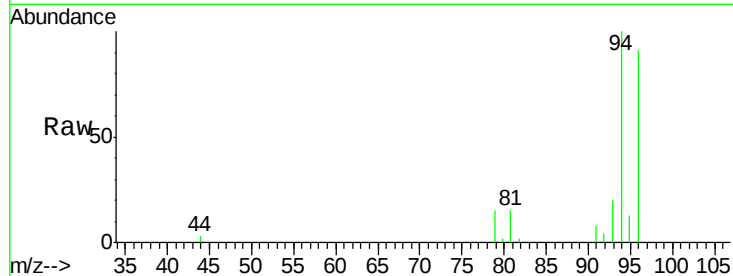
96 90.9 76.7 115.1

Manual Integrations

APPROVED

MMDadoda

2/26/2020 10:45:05 AM



#6

Chloroethane

Concen: 17.721 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN060222.D

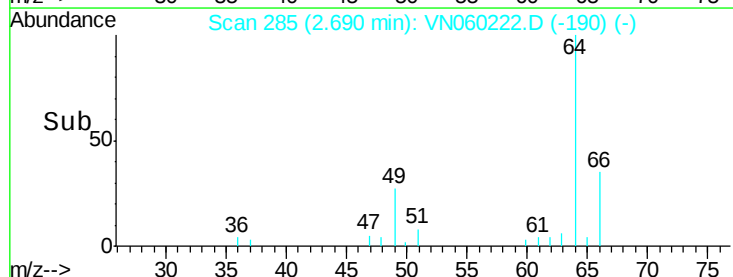
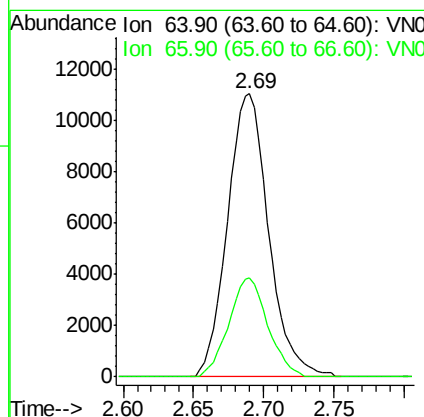
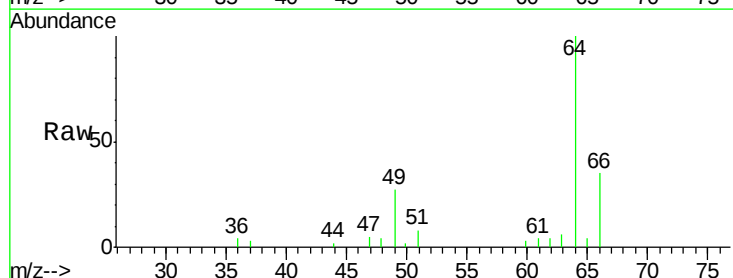
Acq: 25 Feb 2020 10:30

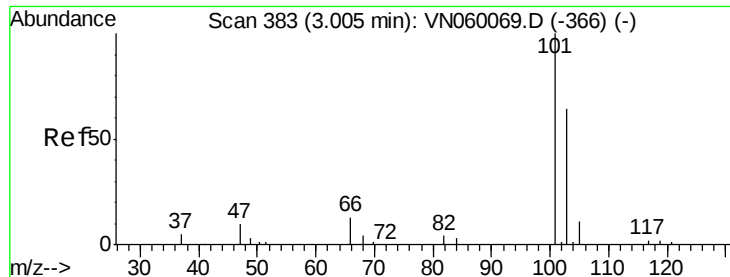
Tgt Ion: 64 Resp: 22539

Ion Ratio Lower Upper

64 100

66 34.8 26.6 40.0





#7

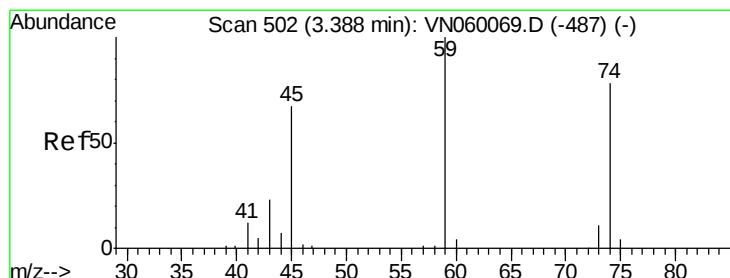
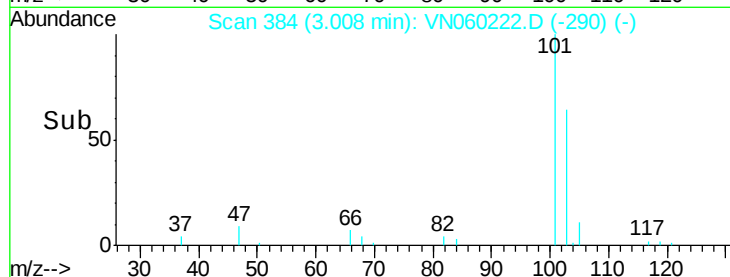
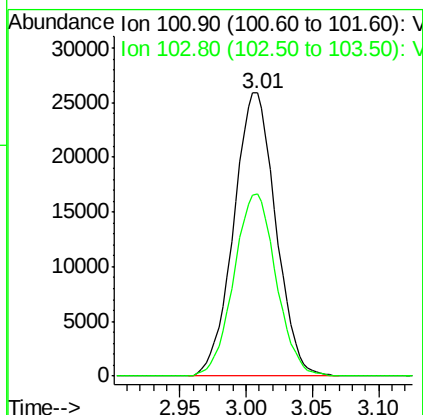
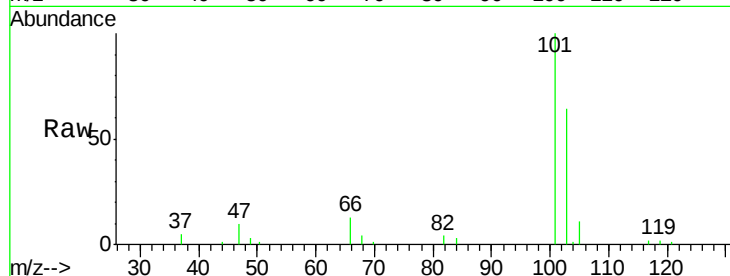
Trichlorofluoromethane  
 Concen: 17.593 ug/l  
 RT: 3.01 min Scan# 384  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

Tot Ion:101 Resp: 57041  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 51.0 76.6

Manual Integrations  
 APPROVED

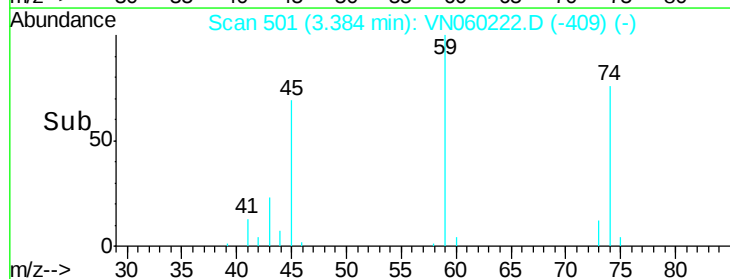
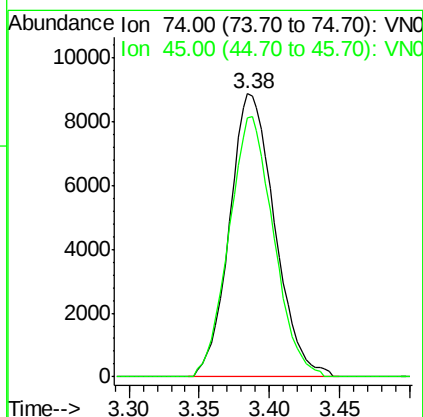
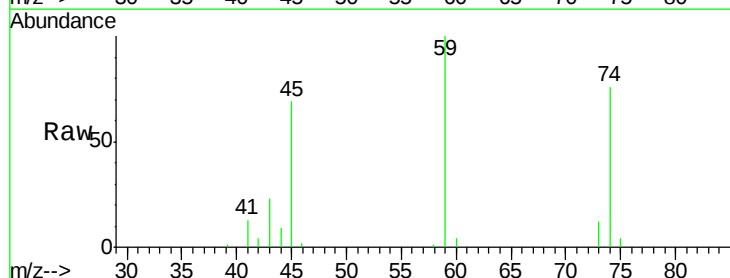
MMDadoda  
 2/26/2020 10:45:05 AM

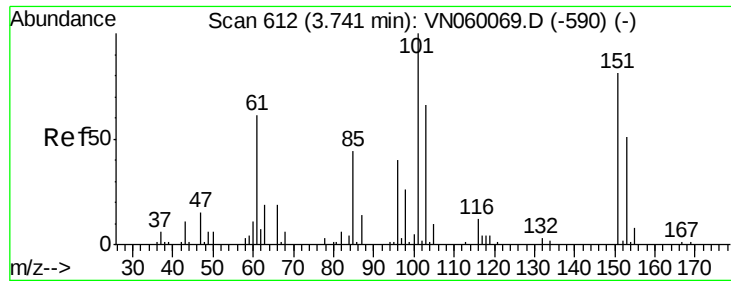


#8

Diethyl Ether  
 Concen: 18.419 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Tgt Ion: 74 Resp: 19879  
 Ion Ratio Lower Upper  
 74 100  
 45 90.5 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.185 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

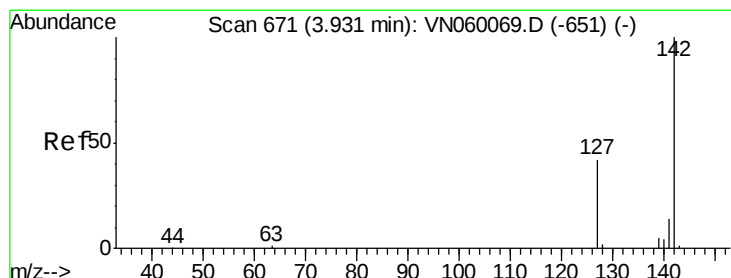
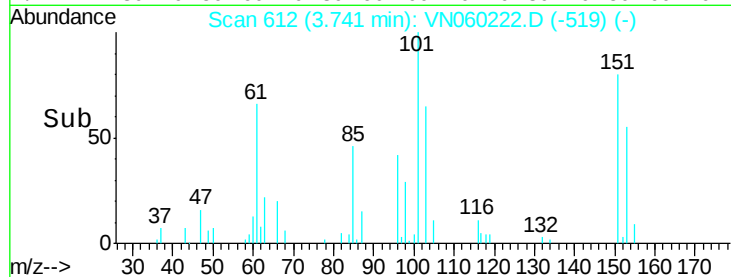
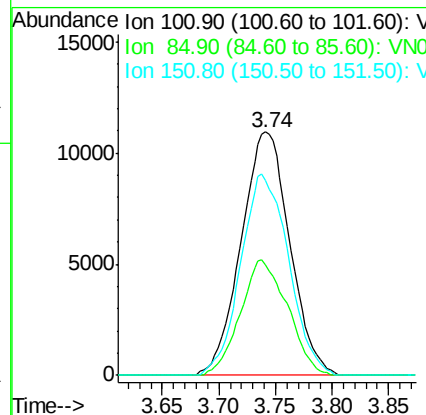
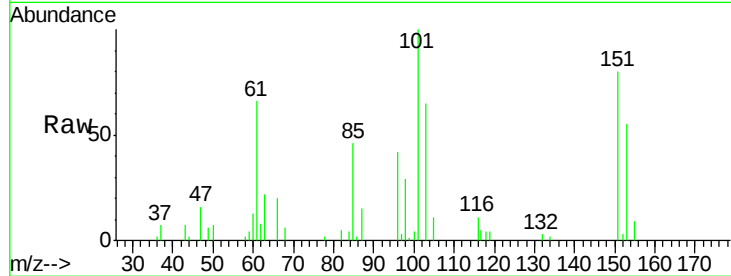
ClientSampleId :

VN0225WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 32734 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.9  | 35.1  | 52.7  |
| 151       | 81.4  | 65.8  | 98.6  |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#10

Methyl Iodide

Concen: 18.206 ug/l

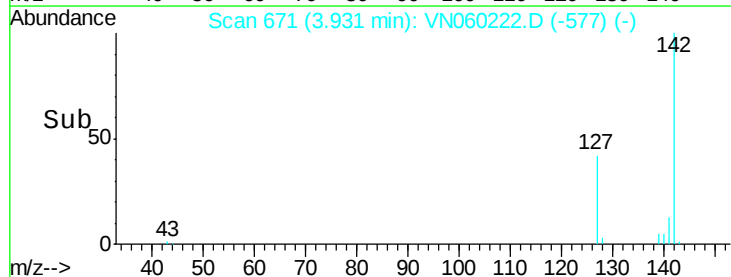
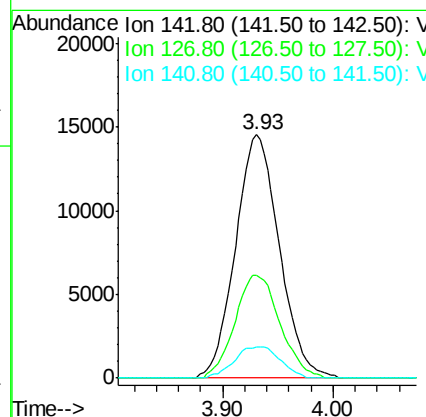
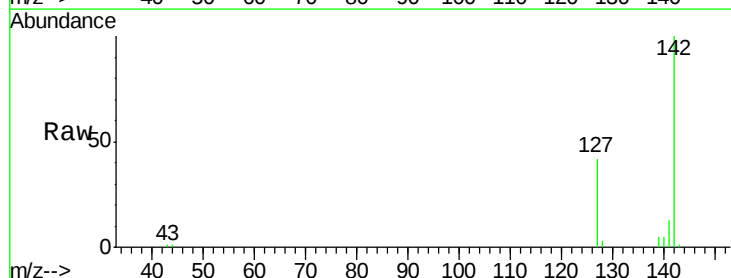
RT: 3.93 min Scan# 671

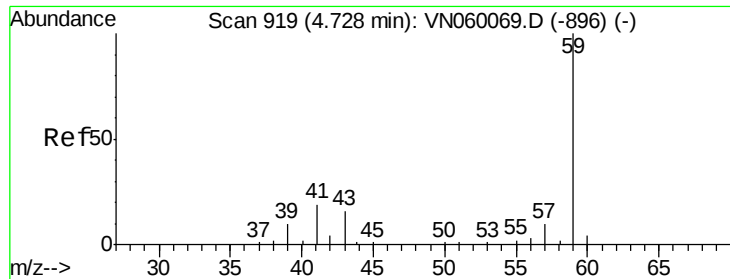
Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 40011 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.4  | 33.6  | 50.4  |
| 141       | 13.5  | 11.4  | 17.2  |





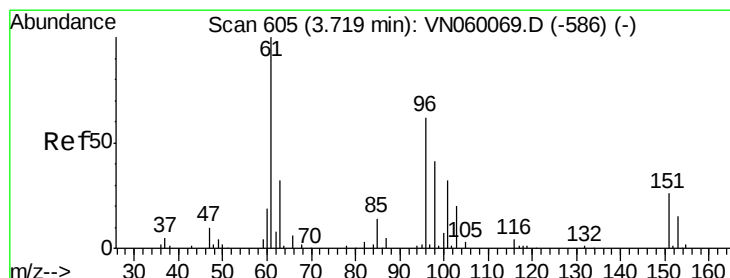
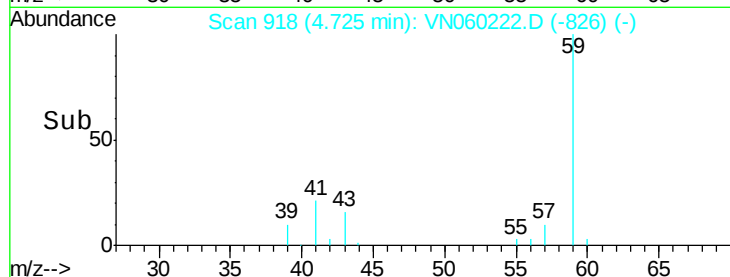
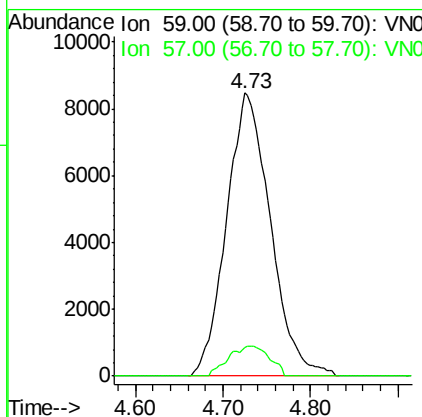
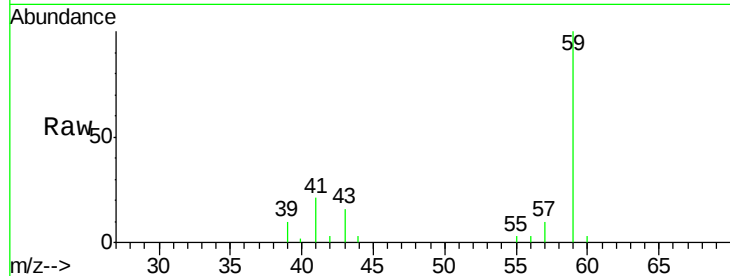
#11  
Tert butyl alcohol  
Concen: 87.382 ug/l  
RT: 4.73 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 59      | 100   | 29511 |       |       |
| 57      | 9.8   |       | 8.2   | 12.4  |

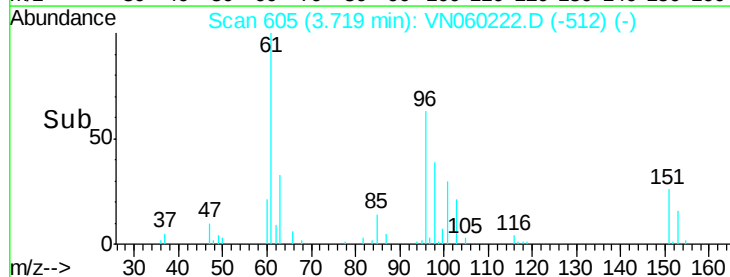
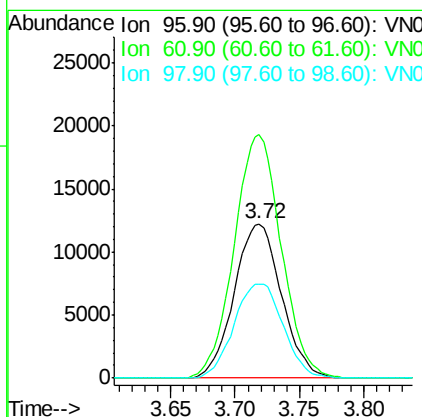
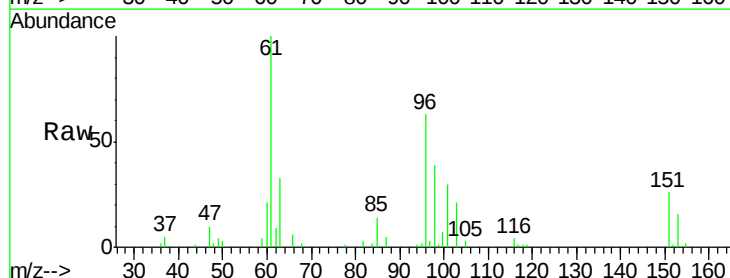
Manual Integrations  
APPROVED

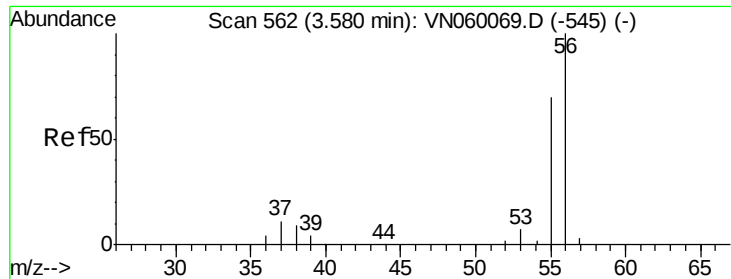
MMDadoda  
2/26/2020 10:45:05 AM



#12  
1,1-Dichloroethene  
Concen: 17.782 ug/l  
RT: 3.72 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 31182 |       |       |
| 61      | 158.1 |       | 128.3 | 192.5 |
| 98      | 61.2  |       | 52.2  | 78.4  |





#13

Acrolein

Concen: 81.211 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion: 56 Resp: 27110

Ion Ratio Lower Upper

56 100

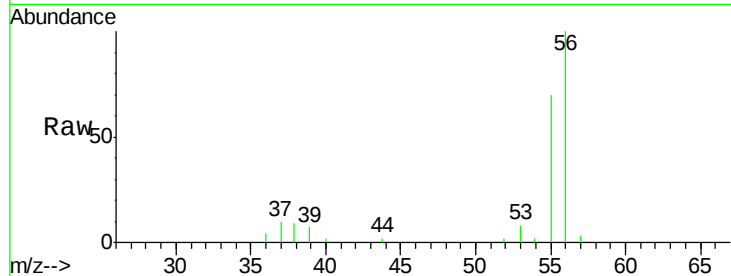
55 71.4 54.8 82.2

Manual Integrations

APPROVED

MMDadoda

2/26/2020 10:45:05 AM



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060069.D (-545) (-)

12000

10000

8000

6000

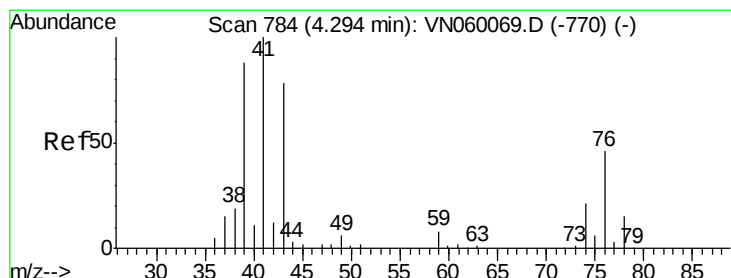
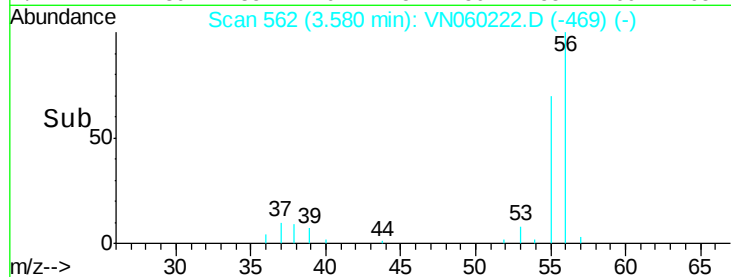
4000

2000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 17.362 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

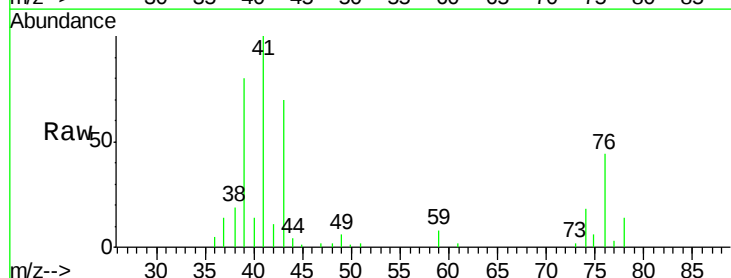
Tgt Ion: 41 Resp: 44809

Ion Ratio Lower Upper

41 100

39 81.8 67.8 101.8

76 41.8 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060069.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN060069.D (-770) (-)

20000

15000

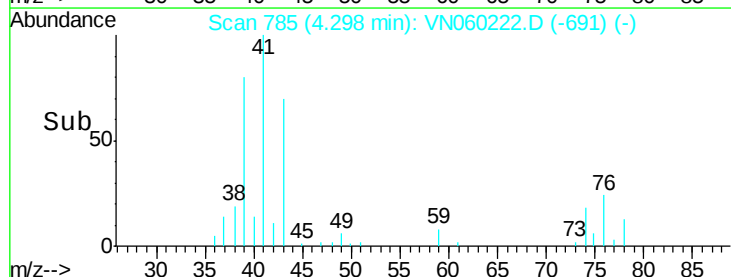
10000

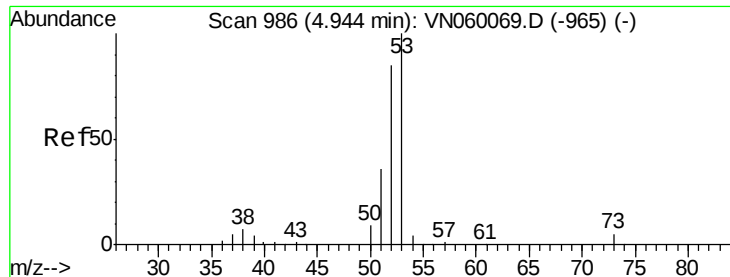
5000

0

Time-->

4.20 4.25 4.30 4.35 4.40





#15

Acrylonitrile

Concen: 92.703 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

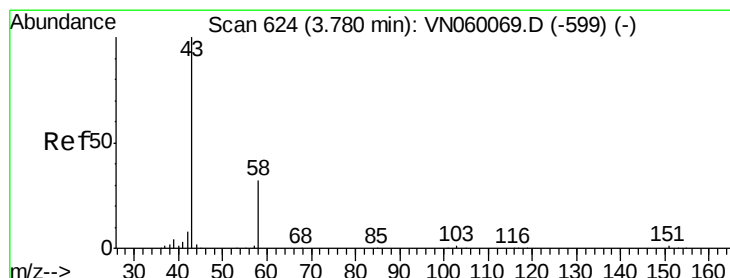
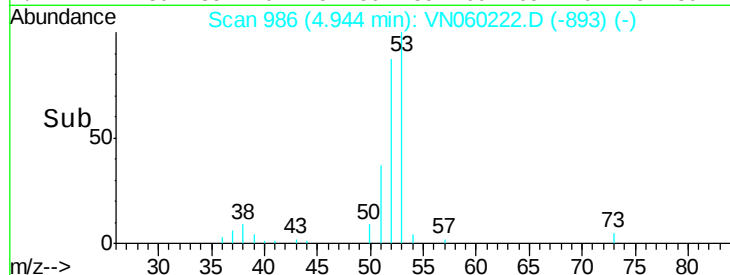
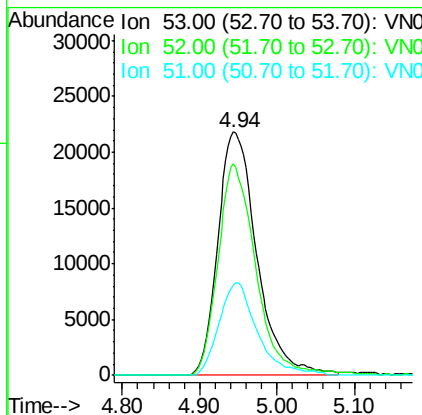
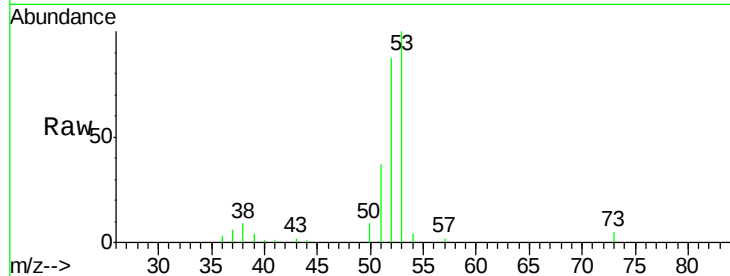
ClientSampleId :

VN0225WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 76459 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.8  | 66.8  | 100.2 |
| 51       | 37.4  | 29.4  | 44.0  |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#16

Acetone

Concen: 78.063 ug/l

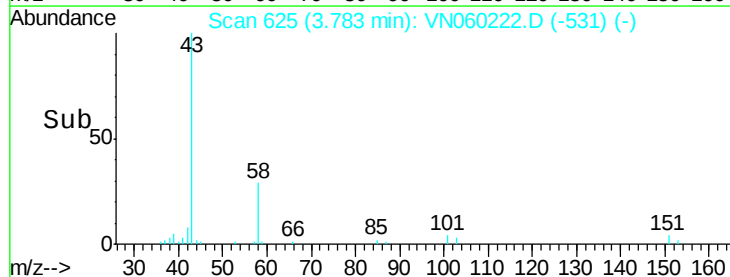
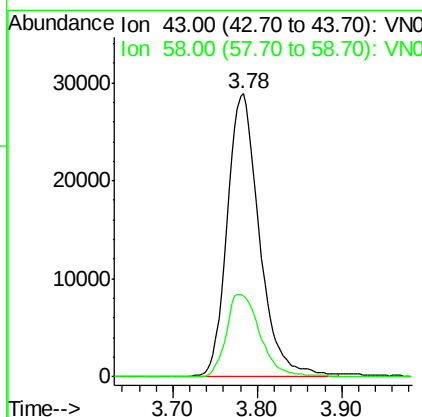
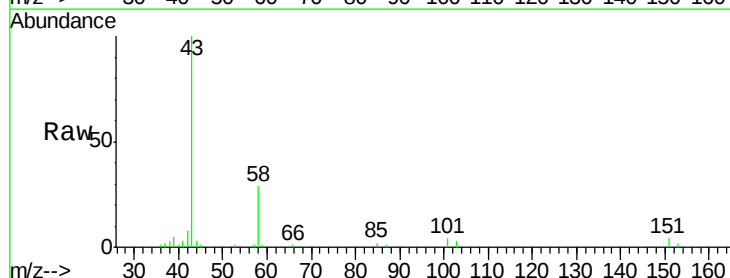
RT: 3.78 min Scan# 625

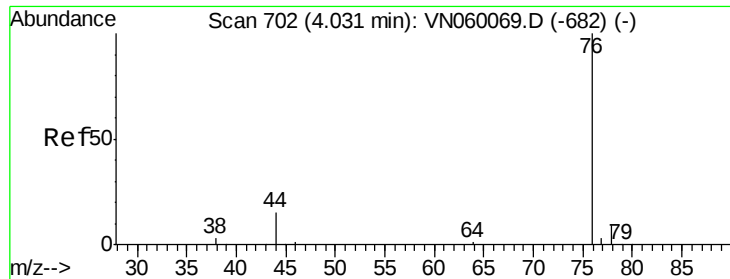
Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 76847 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.8  | 25.2  | 37.8  |





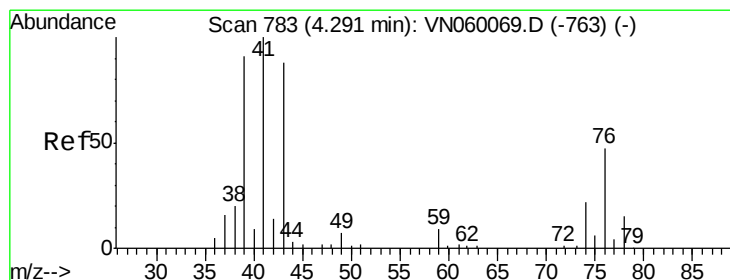
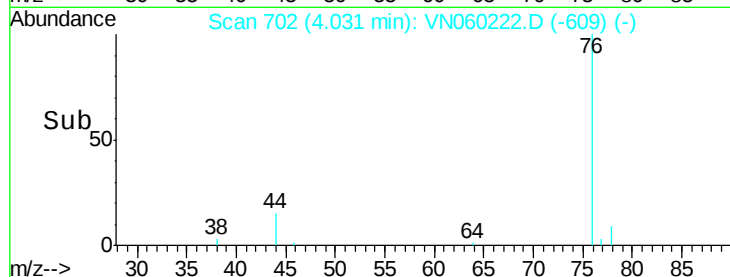
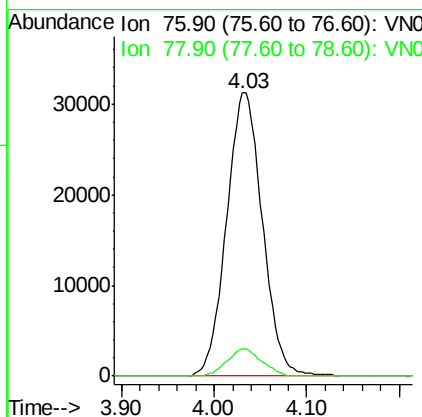
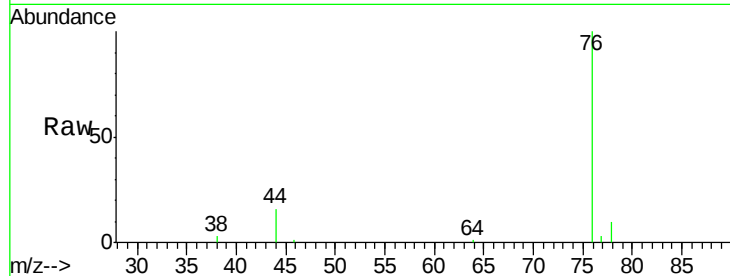
#17  
Carbon Disulfide  
Concen: 15.849 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

Tot Ion: 76 Resp: 83769  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.0 10.6

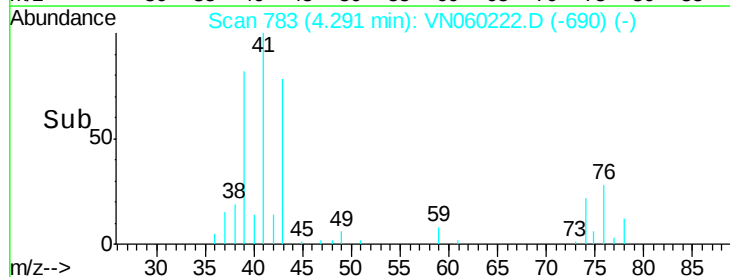
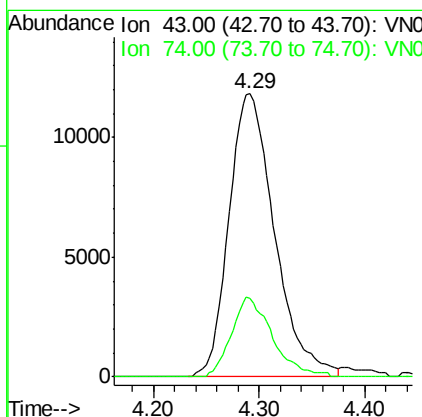
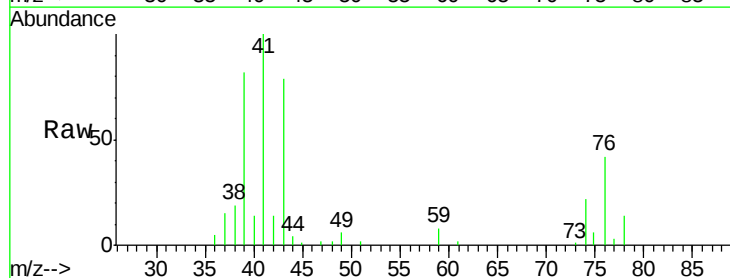
Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#18  
Methyl Acetate  
Concen: 19.206 ug/l  
RT: 4.29 min Scan# 783  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Tgt Ion: 43 Resp: 35517  
Ion Ratio Lower Upper  
43 100  
74 25.4 20.3 30.5





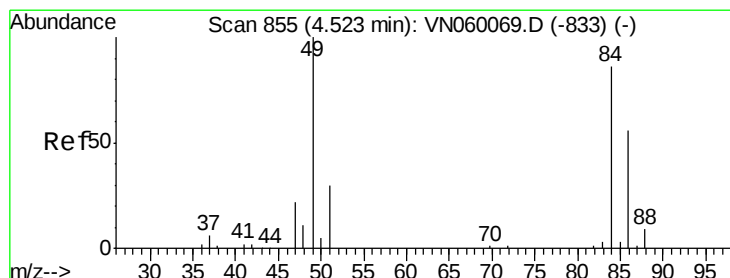
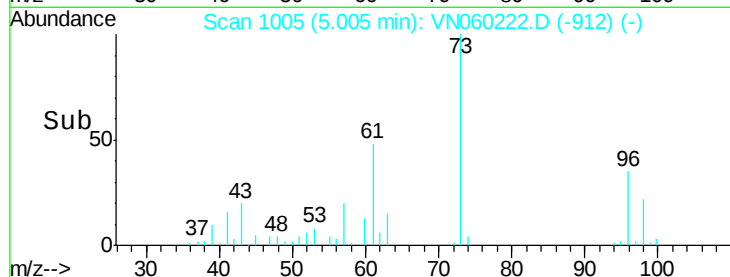
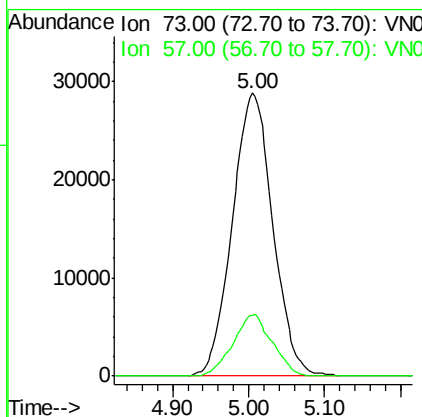
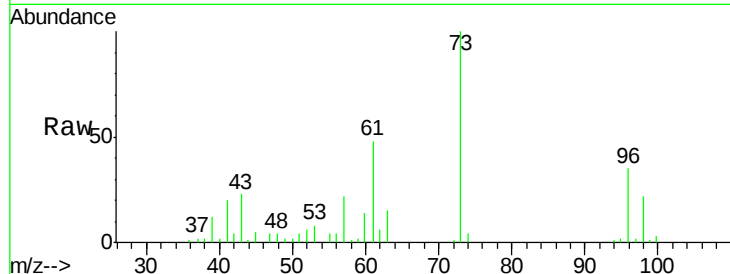
#19  
Methvl tert-butvl Ether  
Concen: 18.127 ug/l  
RT: 5.00 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

Tot Ion: 73 Resp: 106893  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.2 25.8

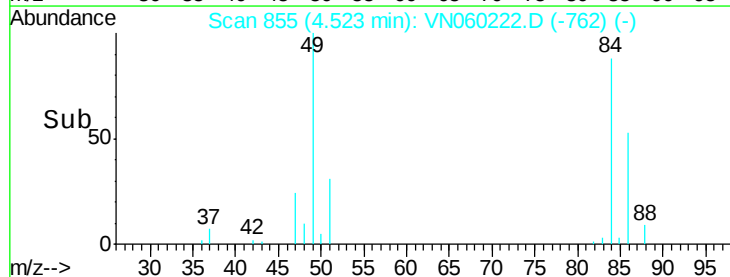
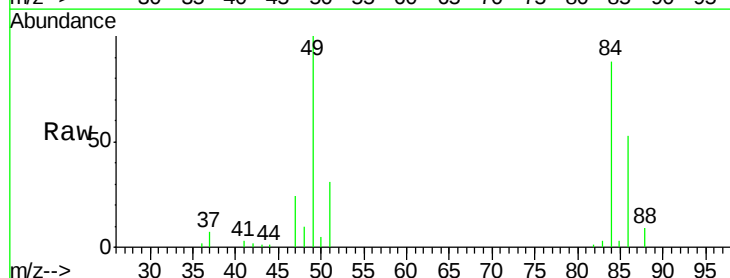
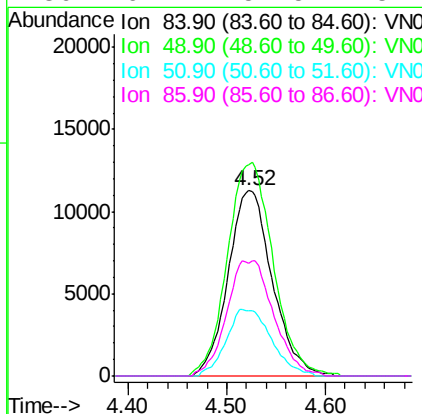
Manual Integrations  
APPROVED

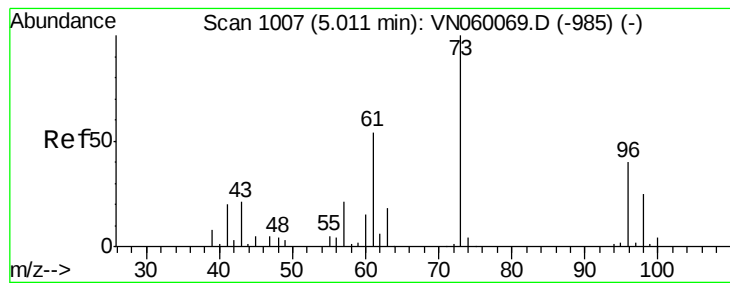
MMDadoda  
2/26/2020 10:45:05 AM



#20  
Methylene Chloride  
Concen: 17.838 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Tgt Ion: 84 Resp: 35034  
Ion Ratio Lower Upper  
84 100  
49 114.2 93.4 140.0  
51 35.4 28.4 42.6  
86 61.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.995 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampled :

VN0225WBS01

Tot Ion: 96 Resp: 34398

Ion Ratio Lower Upper

96 100

61 128.4 109.3 163.9

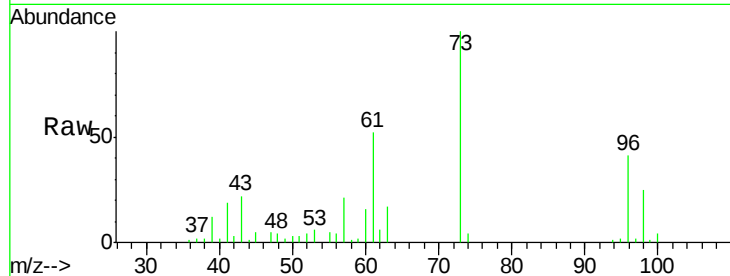
98 61.6 51.0 76.6

Manual Integrations

APPROVED

MMDadoda

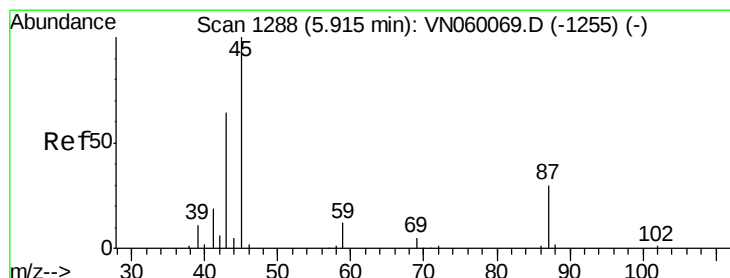
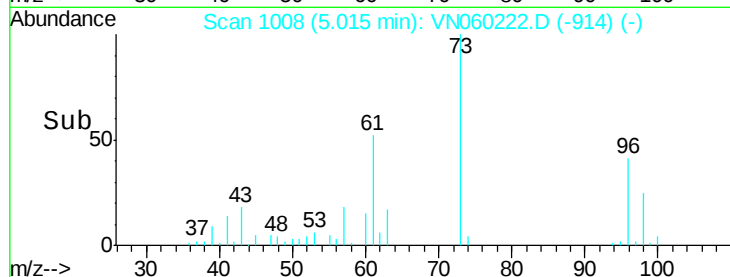
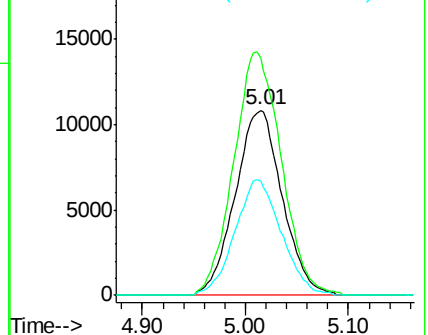
2/26/2020 10:45:05 AM



Abundance Ion 95.90 (95.60 to 96.60): VN060222.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN060222.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN060222.D (-914) (-)



#22

Diisopropyl ether

Concen: 18.232 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Tgt Ion: 45 Resp: 103128

Ion Ratio Lower Upper

45 100

43 73.3 55.9 83.9

87 30.7 24.5 36.7

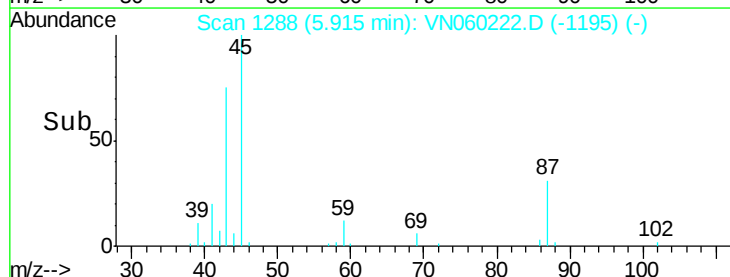
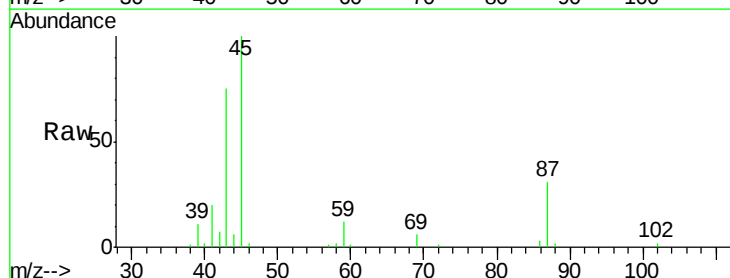
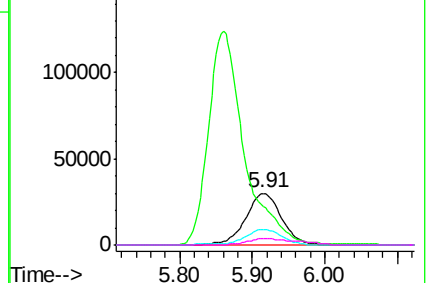
59 12.4 9.9 14.9

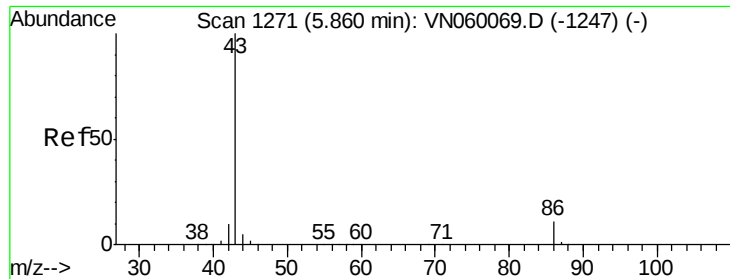
Abundance Ion 45.00 (44.70 to 45.70): VN060222.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060222.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060222.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060222.D (-1195) (-)





#23

Vinyl Acetate

Concen: 89.357 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampled :

VN0225WBS01

Tot Ion: 43 Resp: 424452

Ion Ratio Lower Upper

43 100

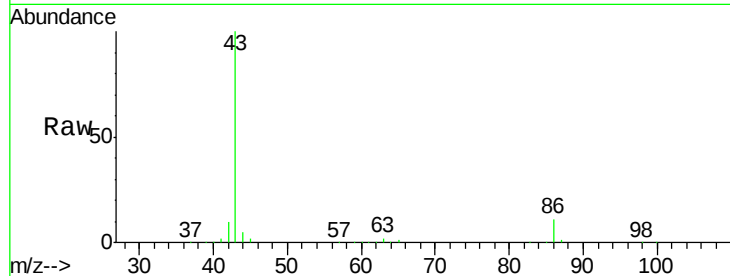
86 11.1 8.9 13.3

Manual Integrations

APPROVED

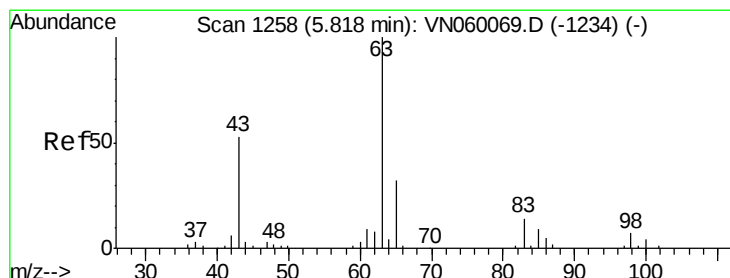
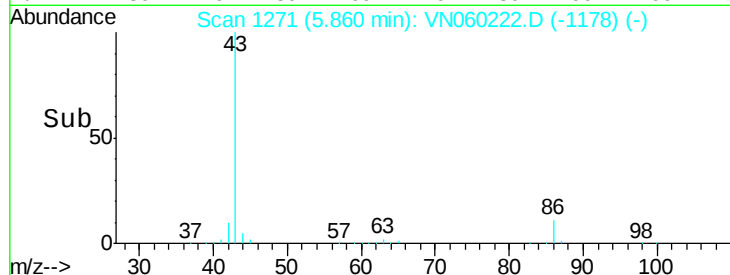
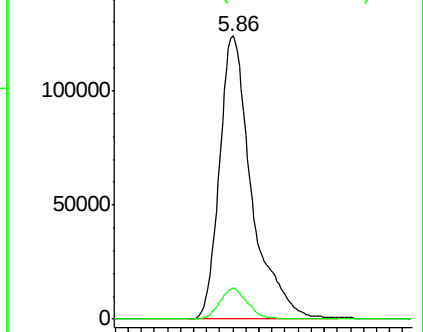
MMDadoda

2/26/2020 10:45:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.134 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

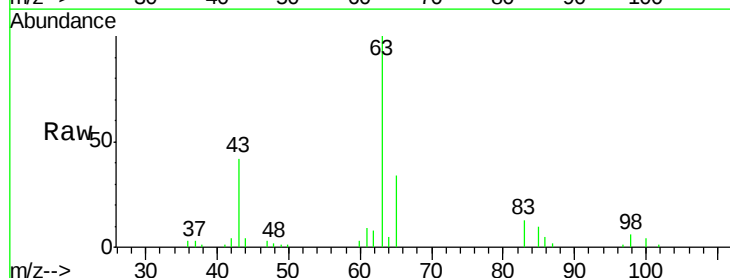
Tgt Ion: 63 Resp: 62139

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

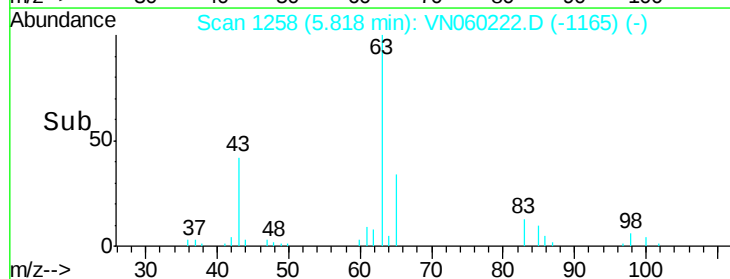
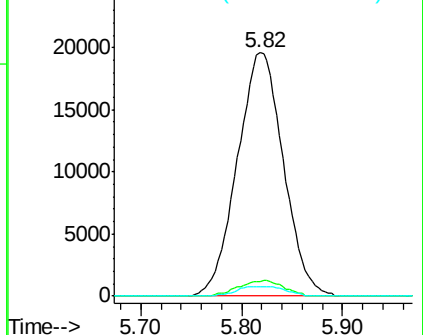
100 3.7 2.2 6.6

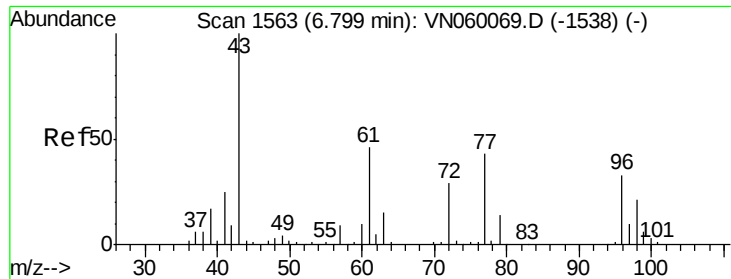


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





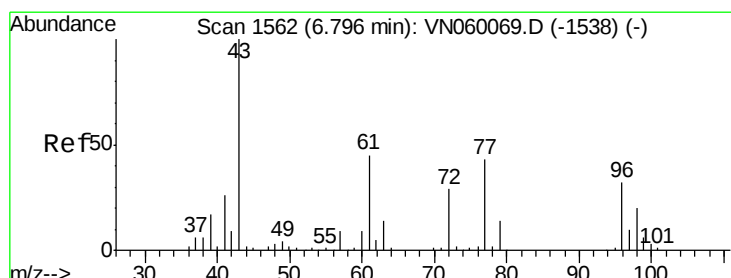
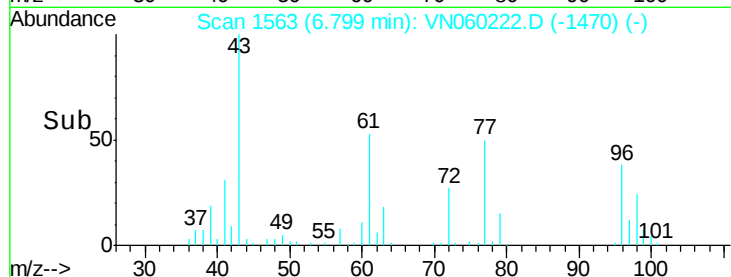
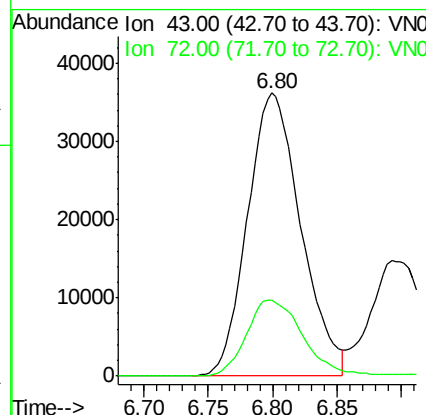
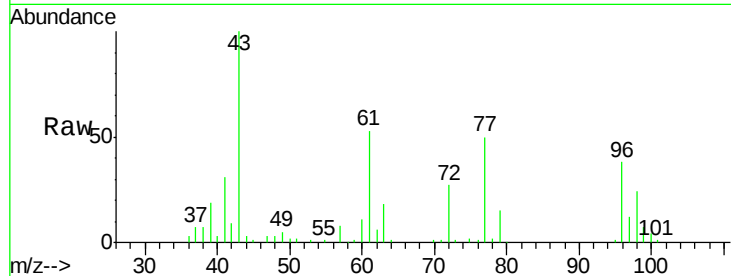
#25  
2-Butanone  
Concen: 84.085 ug/l  
RT: 6.80 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

Tot Ion: 43 Resp: 104105  
Ion Ratio Lower Upper  
43 100  
72 26.8 23.3 34.9

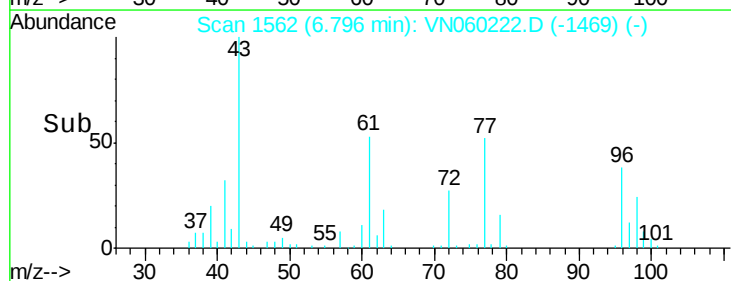
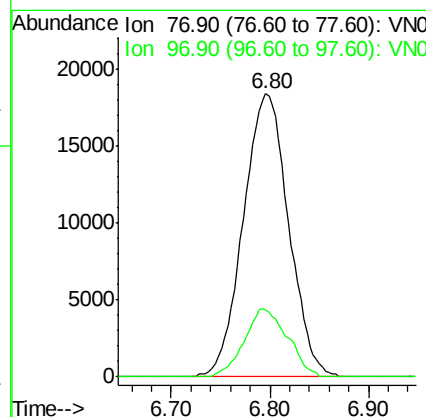
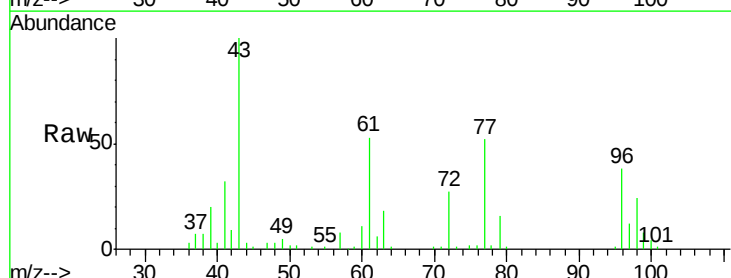
Manual Integrations  
APPROVED

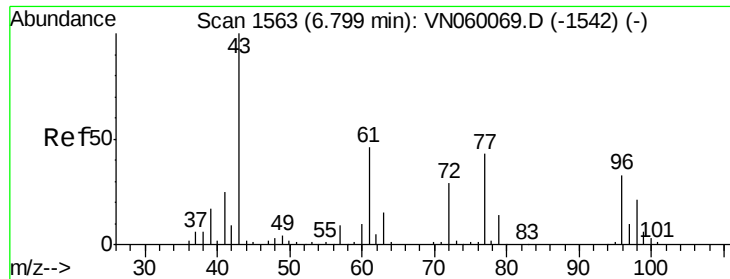
MMDadoda  
2/26/2020 10:45:05 AM



#26  
2,2-Dichloropropane  
Concen: 17.959 ug/l  
RT: 6.80 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Tgt Ion: 77 Resp: 58451  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 17.753 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

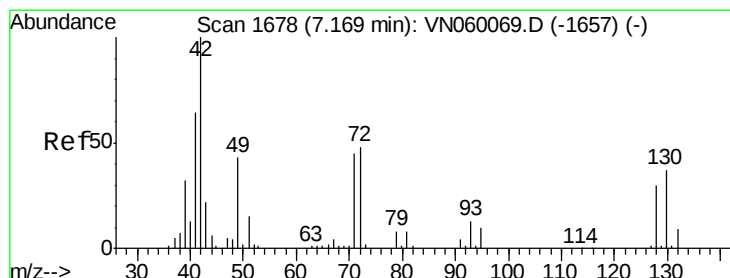
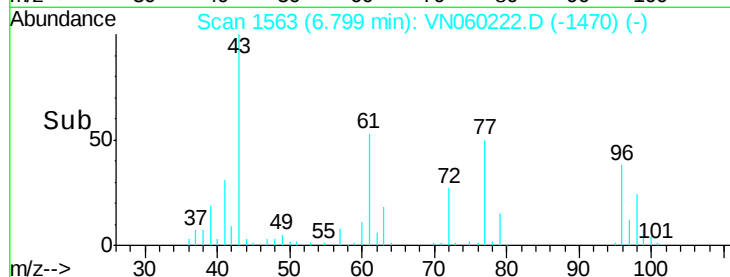
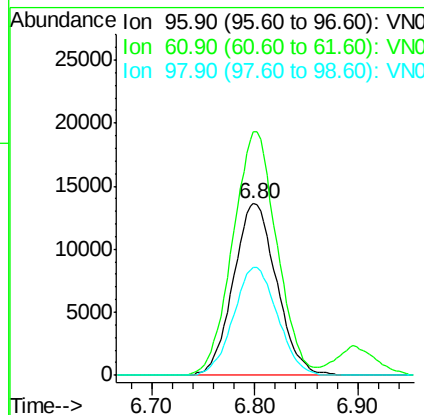
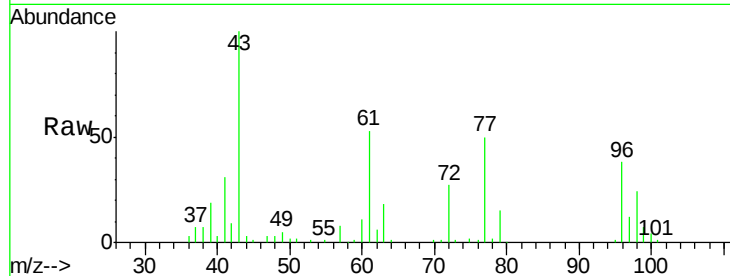
ClientSampleId :

VN0225WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 39715 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.5 | 0.0   | 285.8 |
| 98       | 63.8  | 0.0   | 129.6 |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#28

Bromochloromethane

Concen: 19.054 ug/l

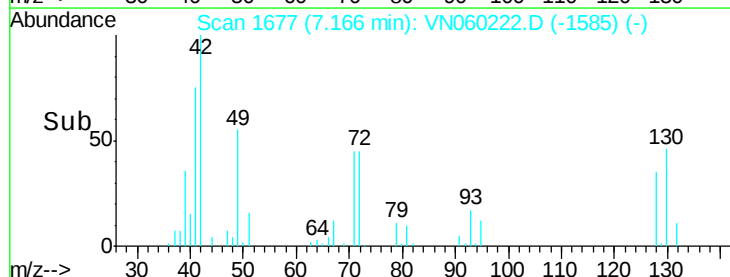
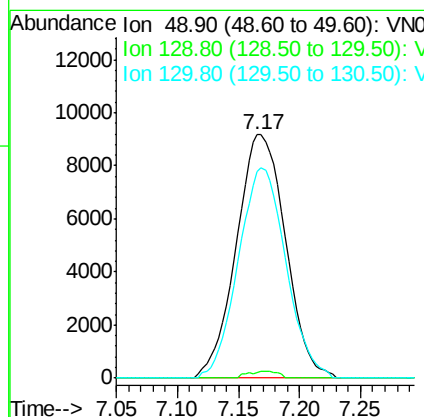
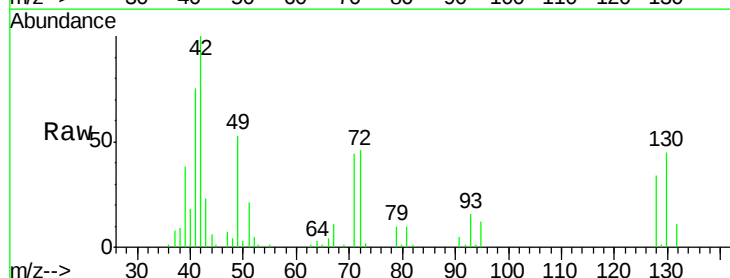
RT: 7.17 min Scan# 1677

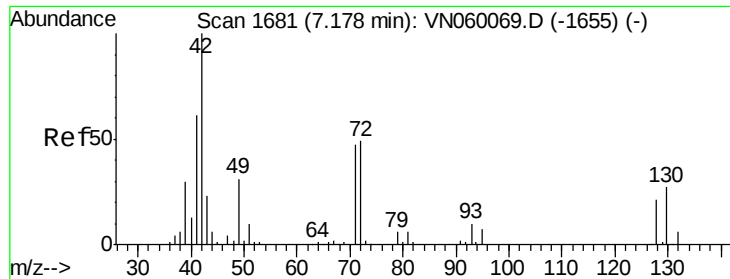
Delta R.T. -0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 25668 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 2.2   |
| 130      | 83.6  | 66.8  | 100.2 |





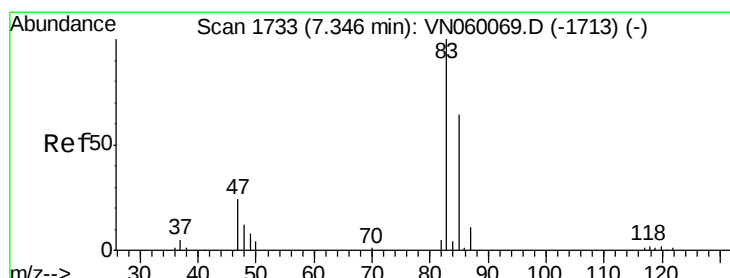
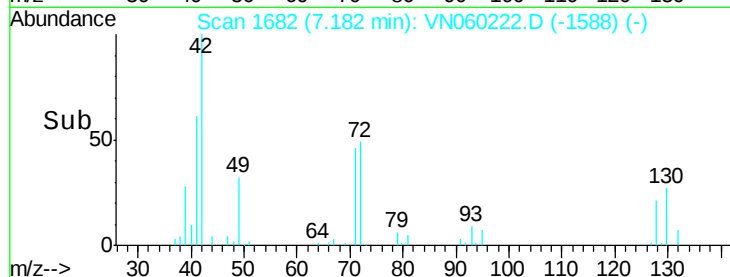
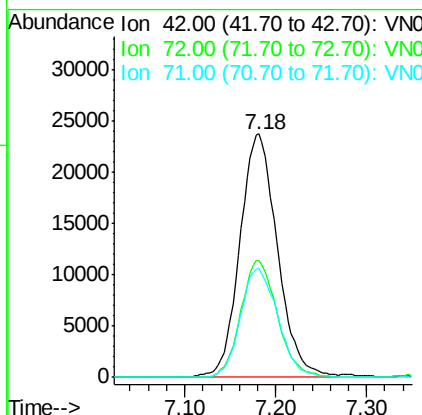
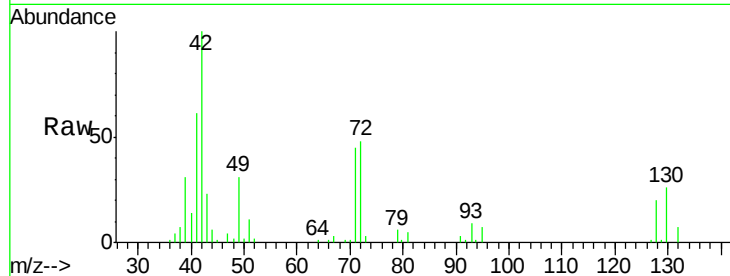
#29  
Tetrahydrofuran  
Concen: 89.582 ug/l  
RT: 7.18 min Scan# 1682  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.5  | 38.2  | 57.4  |
| 71      | 44.4  | 36.6  | 54.8  |

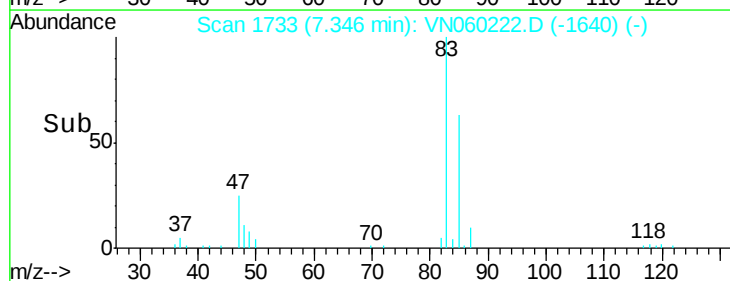
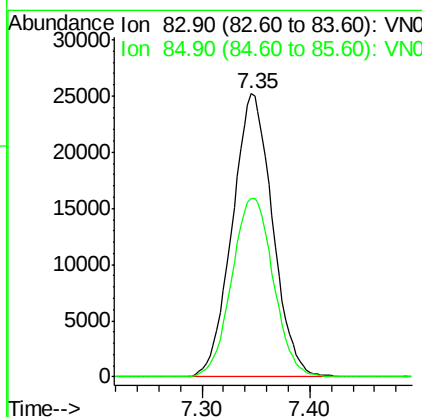
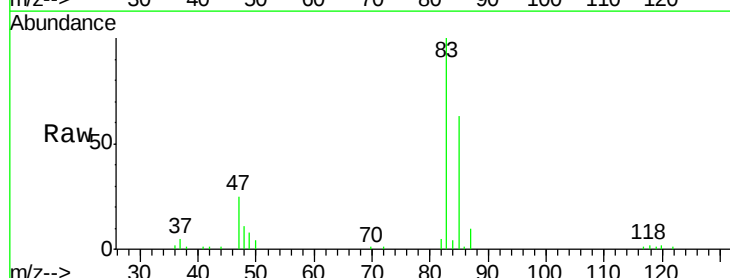
Manual Integrations  
APPROVED

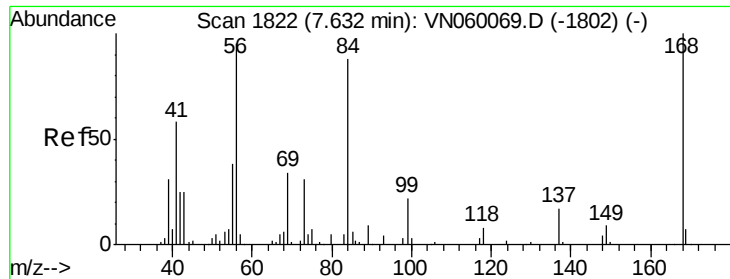
MMDadoda  
2/26/2020 10:45:05 AM



#30  
Chloroform  
Concen: 18.258 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.0  | 51.4  | 77.0  |





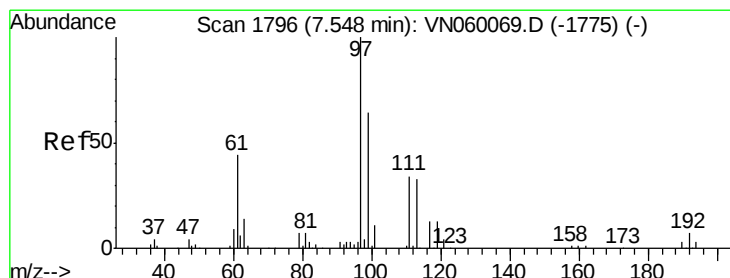
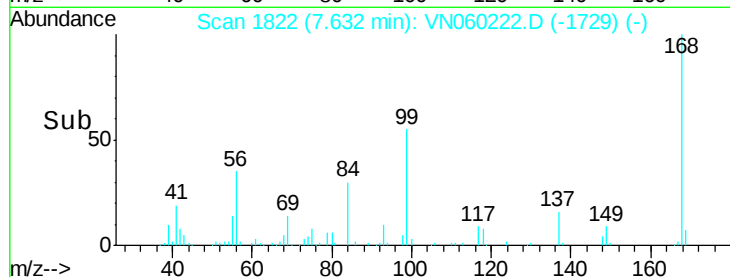
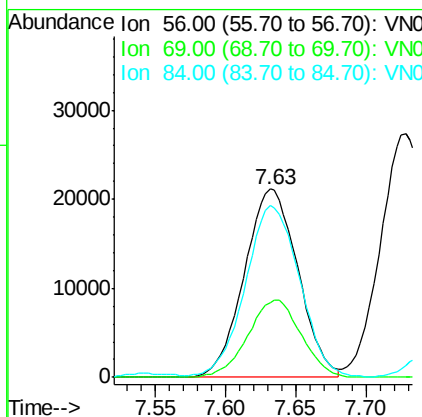
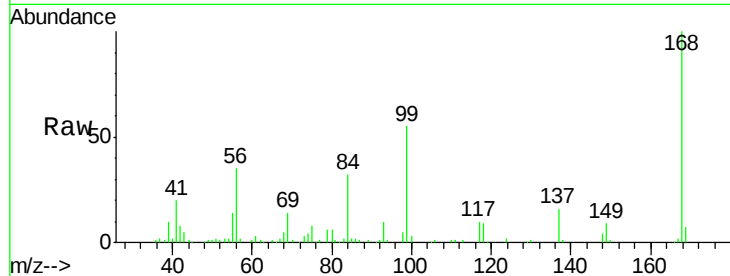
#31  
Cyclohexane  
Concen: 17.576 ug/l  
RT: 7.63 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 39.9  | 28.3  | 42.5  |
| 84      | 89.8  | 72.6  | 108.8 |

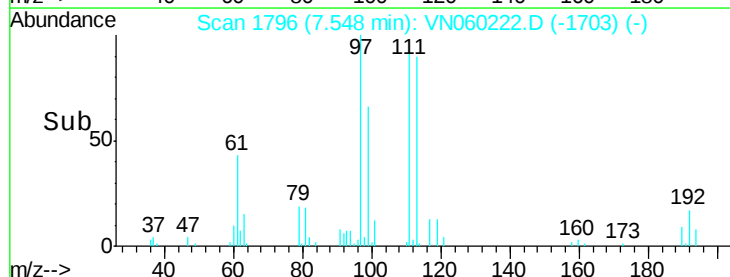
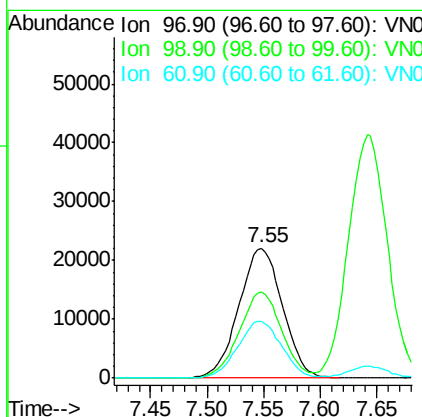
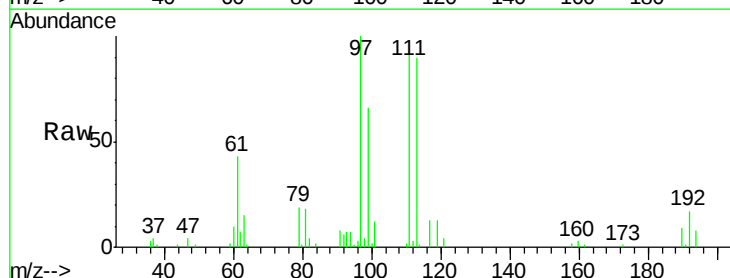
Manual Integrations  
APPROVED

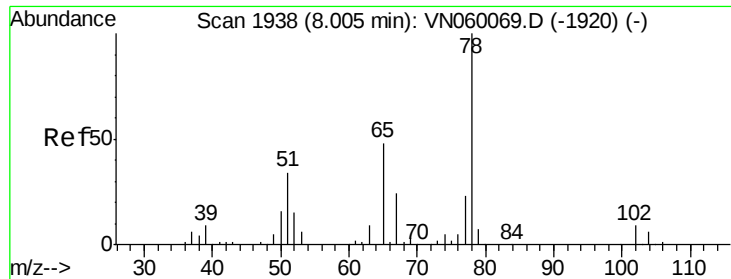
MMDadoda  
2/26/2020 10:45:05 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.079 ug/l  
RT: 7.55 min Scan# 1796  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.6  | 51.4  | 77.0  |
| 61      | 44.1  | 34.9  | 52.3  |





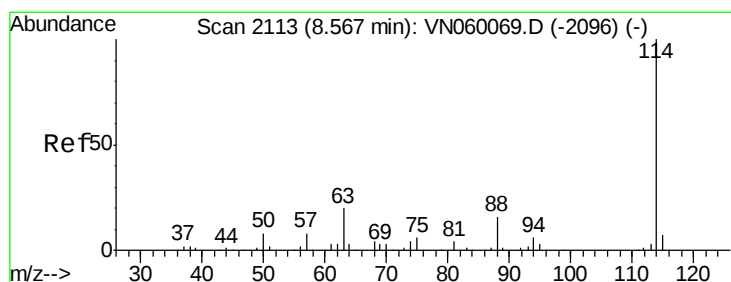
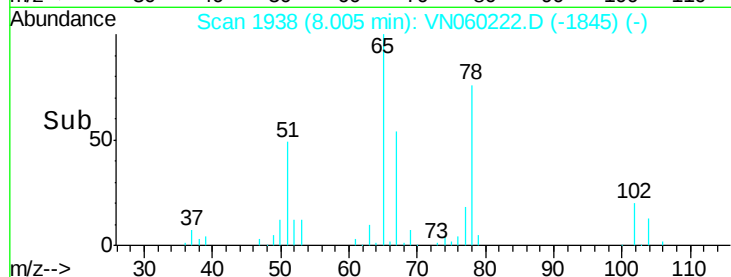
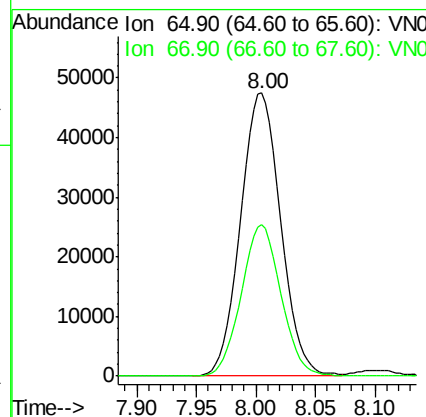
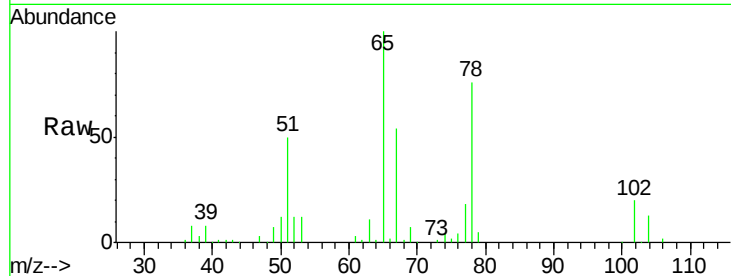
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.259 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0225WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 52.9  | 0.0  | 104.0 |       |

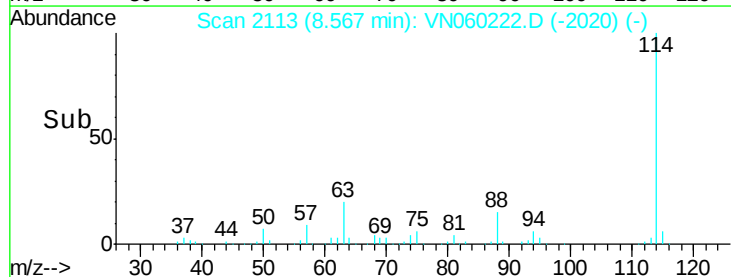
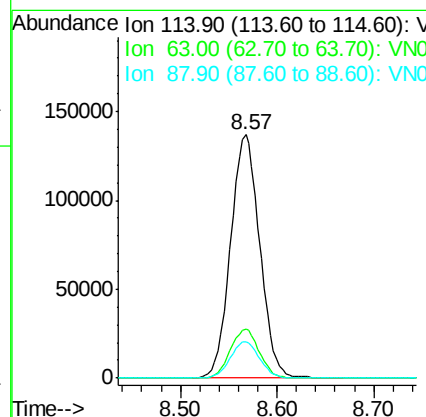
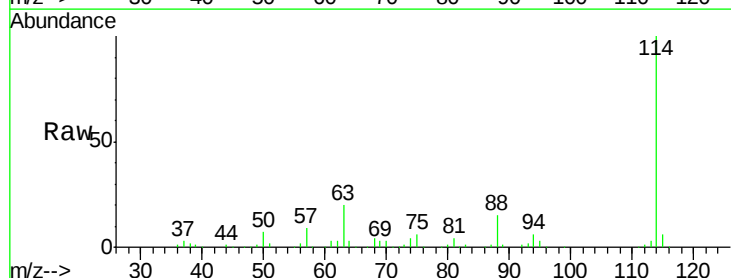
Manual Integrations  
 APPROVED

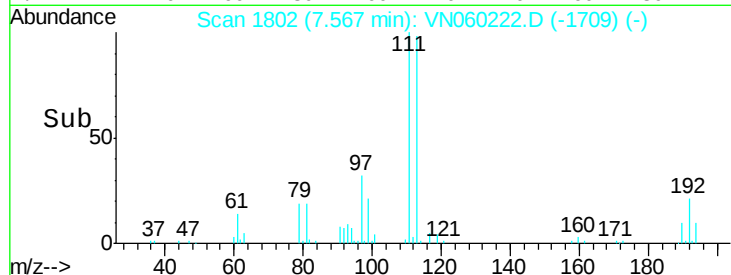
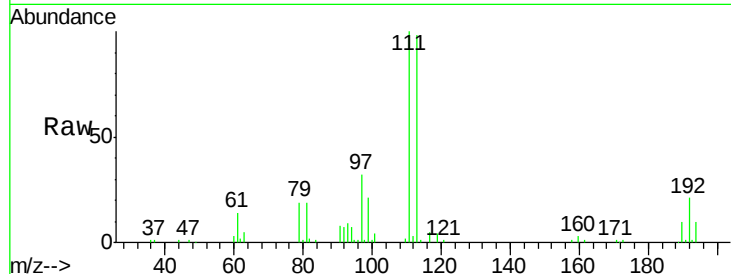
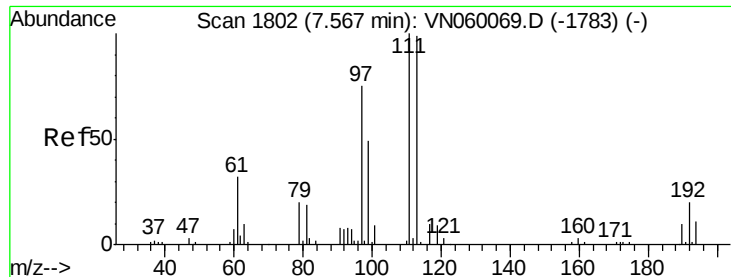
MMDadoda  
 2/26/2020 10:45:05 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 20.1  | 0.0  | 40.0  |       |
| 88      | 15.0  | 0.0  | 31.6  |       |





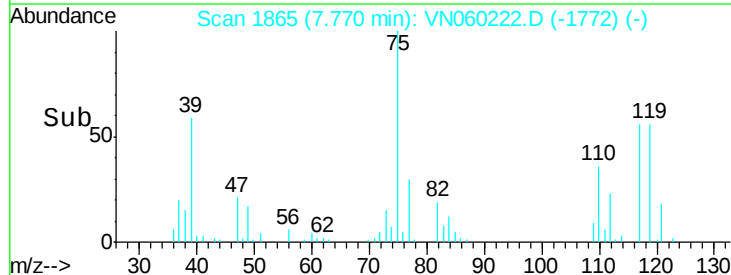
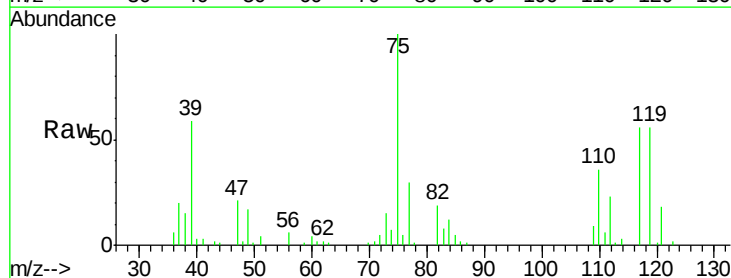
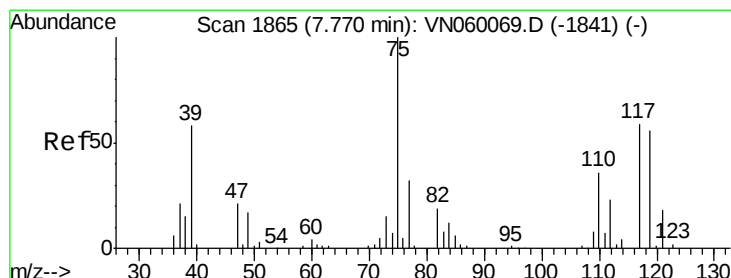
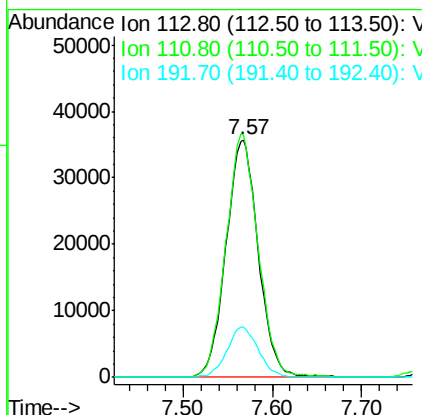
#35  
Dibromofluoromethane  
Concen: 50.714 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 81.4  | 122.2 |
| 192     | 20.6  | 16.2  | 24.2  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

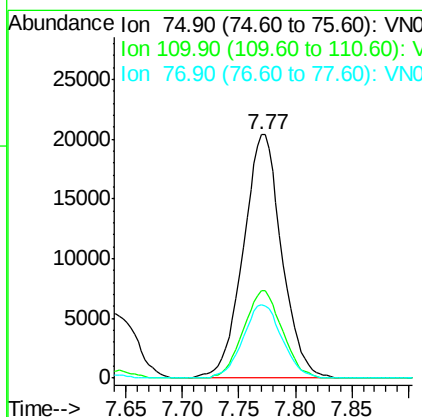
Manual Integrations  
APPROVED

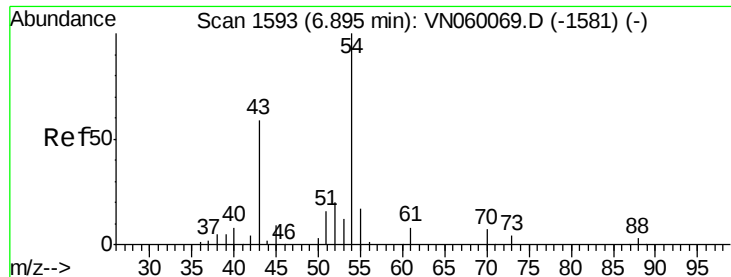
MMDadoda  
2/26/2020 10:45:05 AM



#36  
1,1-Dichloropropene  
Concen: 18.146 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.0  | 18.1  | 54.3  |
| 77      | 30.5  | 25.1  | 37.7  |





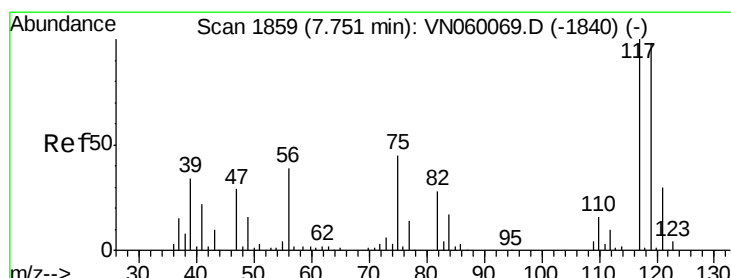
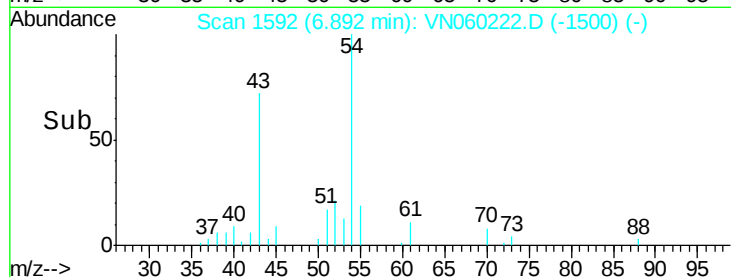
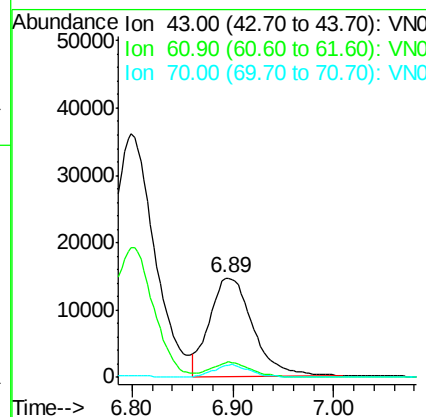
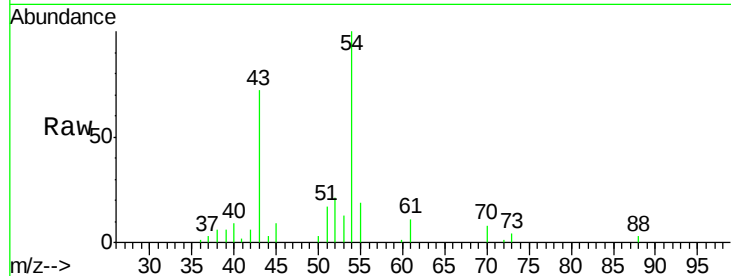
#37  
Ethyl Acetate  
Concen: 18.112 ug/l  
RT: 6.89 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 11.4  | 17.2  |
| 70      | 10.9  | 8.7   | 13.1  |

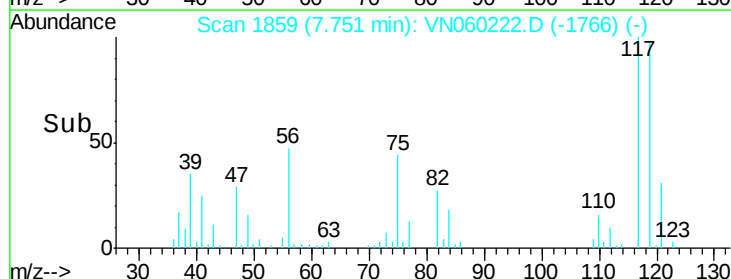
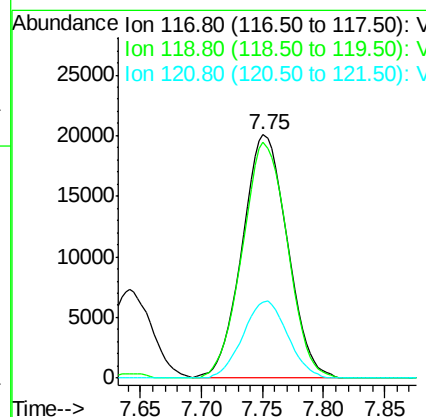
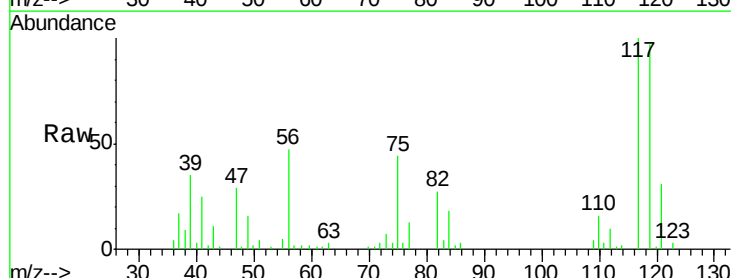
Manual Integrations  
APPROVED

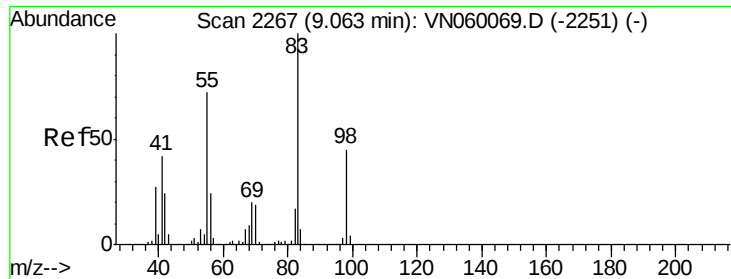
MMDadoda  
2/26/2020 10:45:05 AM



#38  
Carbon Tetrachloride  
Concen: 17.868 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.7  | 78.2  | 117.4 |
| 121     | 31.4  | 24.2  | 36.2  |





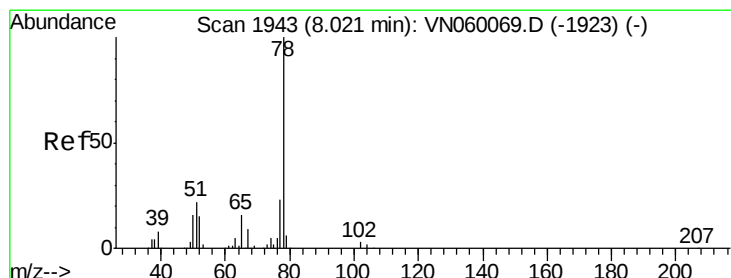
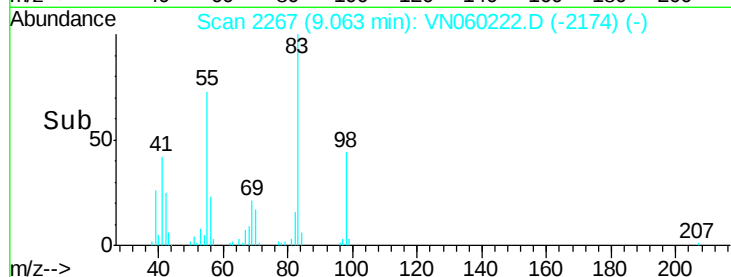
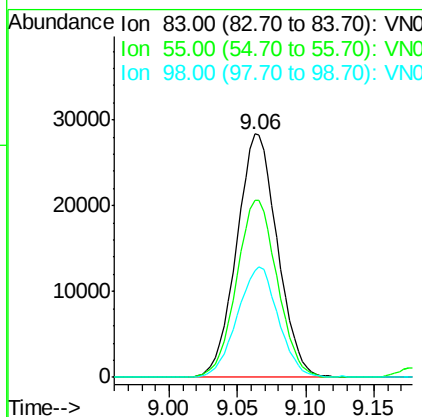
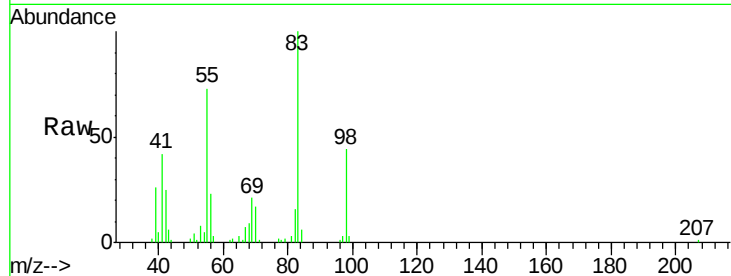
#39  
Methvlcvclohexane  
Concen: 17.855 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.6  | 57.8  | 86.8  |
| 98      | 43.8  | 36.4  | 54.6  |

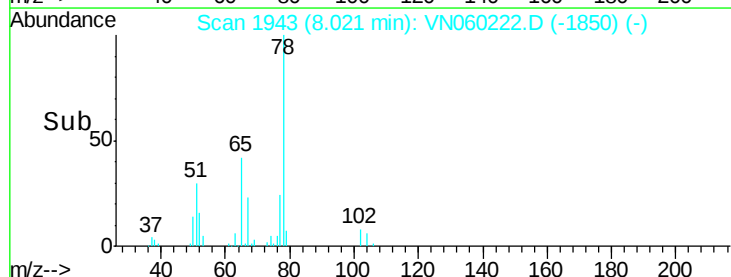
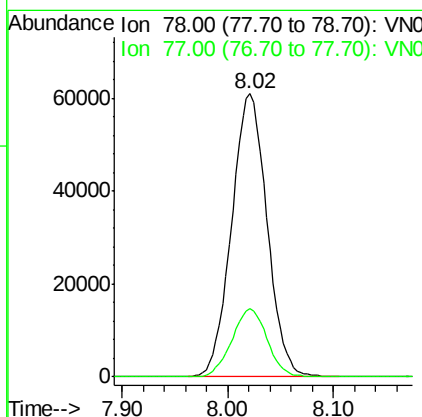
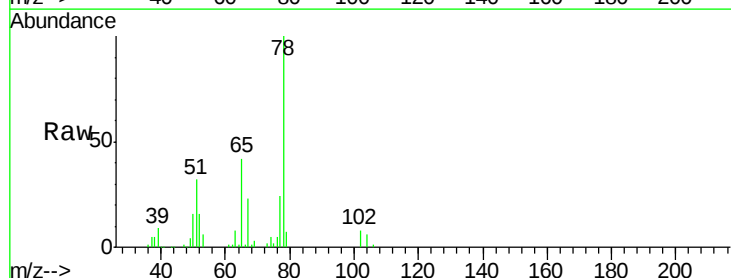
Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#40  
Benzene  
Concen: 18.066 ug/l  
RT: 8.02 min Scan# 1943  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.0  | 18.8  | 28.2  |





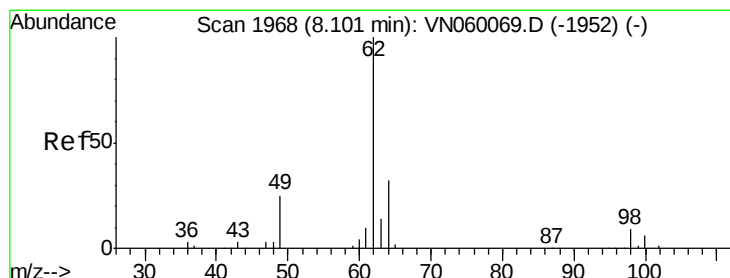
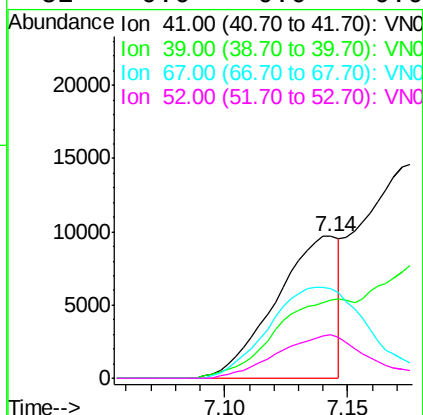
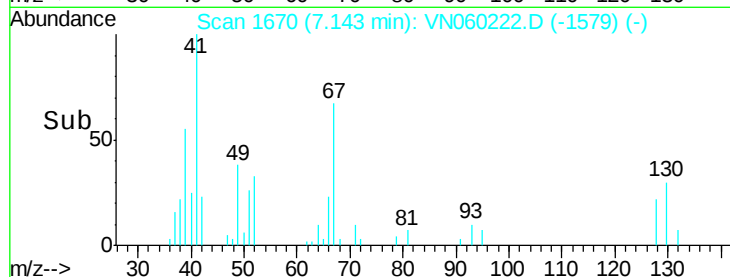
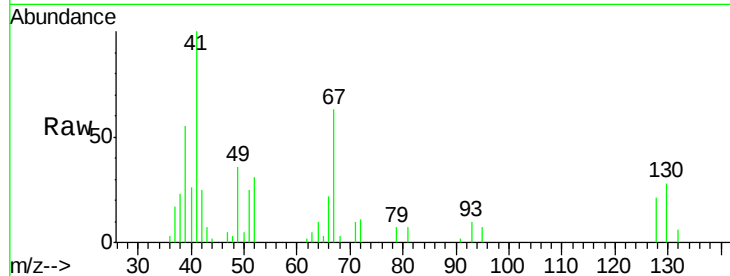
#41  
Methacrylonitrile  
Concen: 17.202 ug/l m  
RT: 7.14 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | 41    | Resp  | 17318 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 0.0   | 0.0   | 0.0   |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

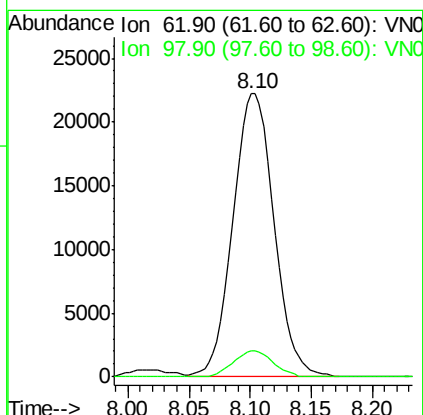
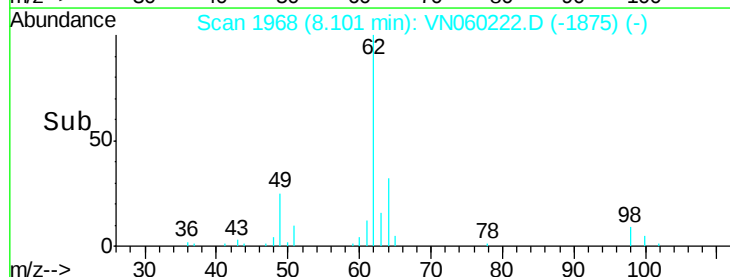
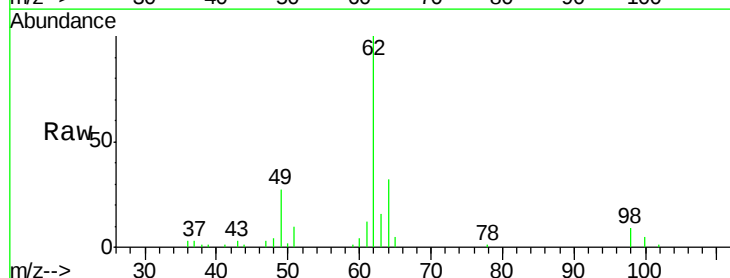
Manual Integrations  
APPROVED

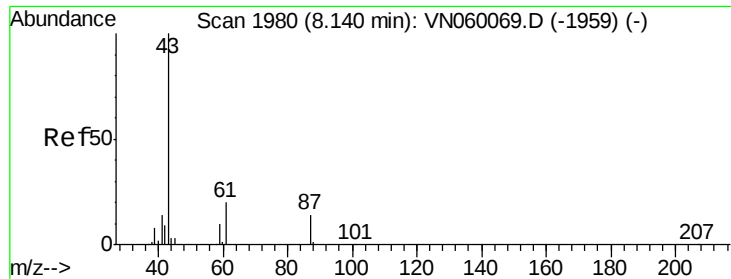
MMDadoda  
2/26/2020 10:45:05 AM



#42  
1,2-Dichloroethane  
Concen: 18.797 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | 62    | Resp  | 51910 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 8.9   | 0.0   | 18.2  |





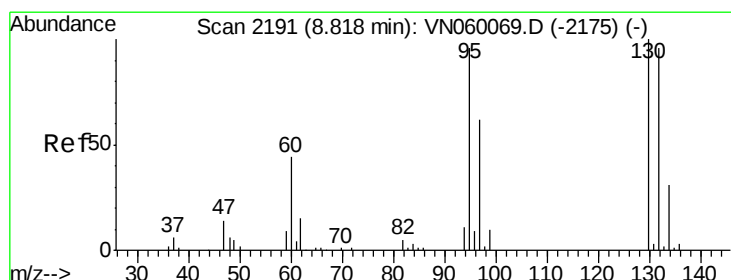
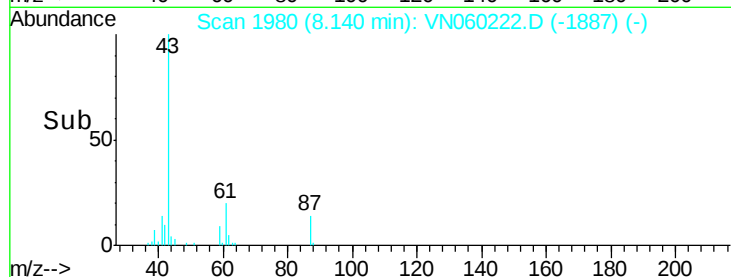
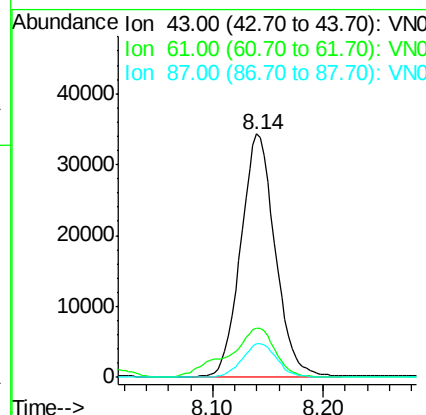
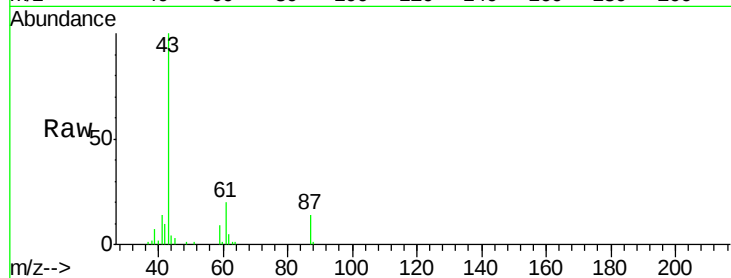
#43  
Isopropyl Acetate  
Concen: 18.147 ug/l  
RT: 8.14 min Scan# 1980  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 27.5  | 21.8  | 32.6  |
| 87      | 13.9  | 11.4  | 17.2  |

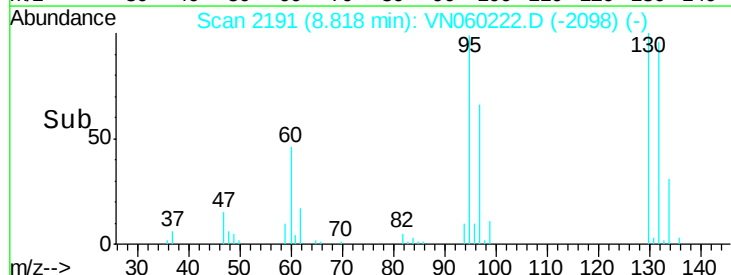
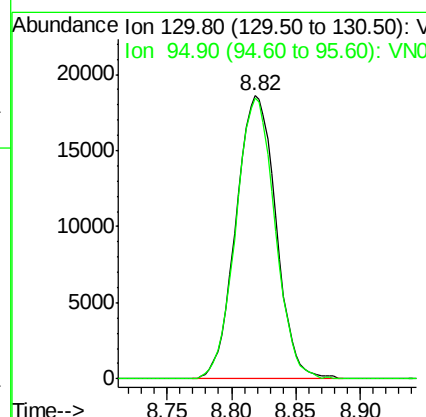
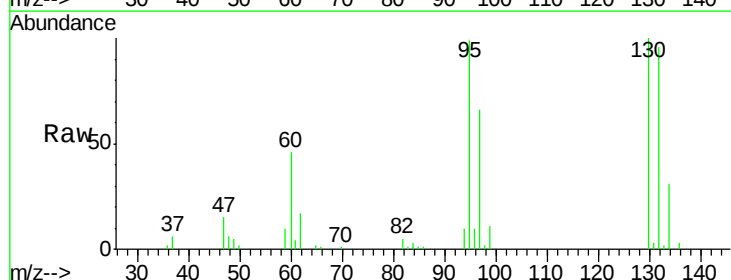
Manual Integrations  
APPROVED

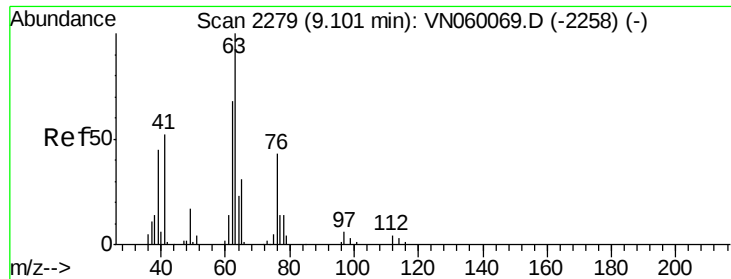
MMDadoda  
2/26/2020 10:45:05 AM



#44  
Trichloroethene  
Concen: 18.395 ug/l  
RT: 8.82 min Scan# 2191  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.2  | 0.0   | 192.4 |





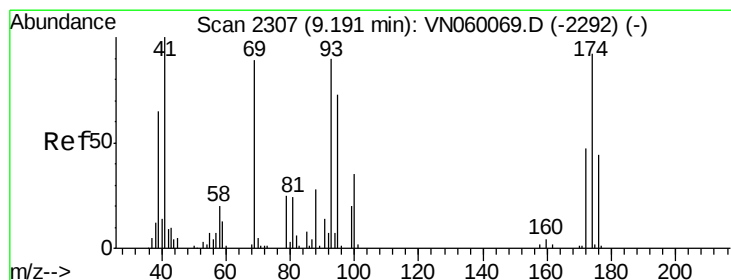
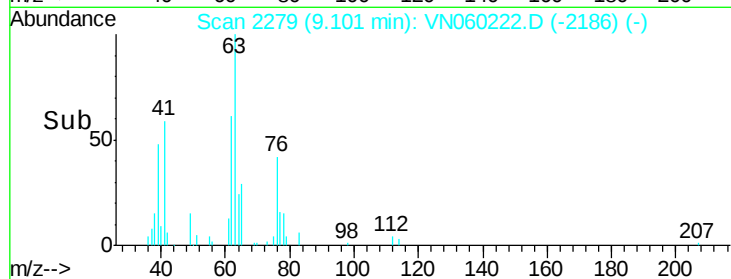
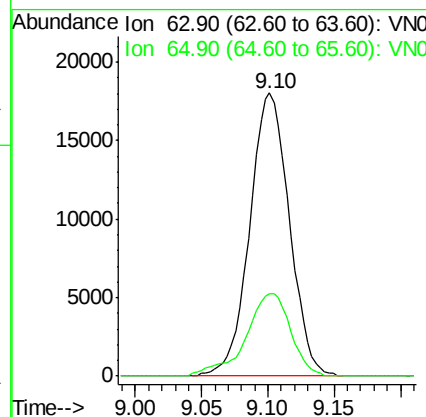
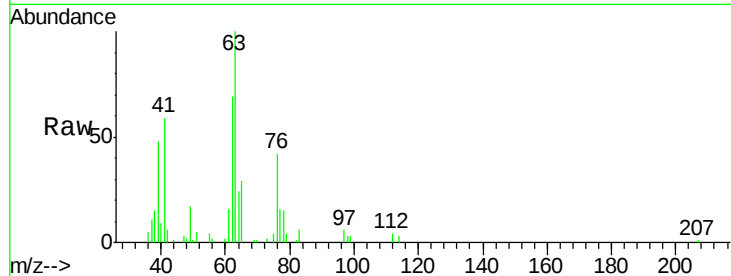
#45  
 1,2-Dichloropropane  
 Concen: 19.194 ug/l  
 RT: 9.10 min Scan# 2279  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

Tot Ion: 63 Resp: 37443  
 Ion Ratio Lower Upper  
 63 100  
 65 29.0 25.0 37.4

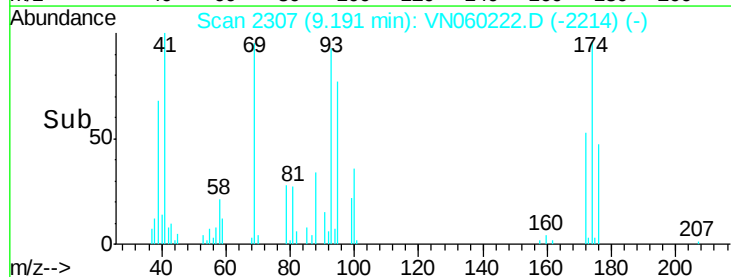
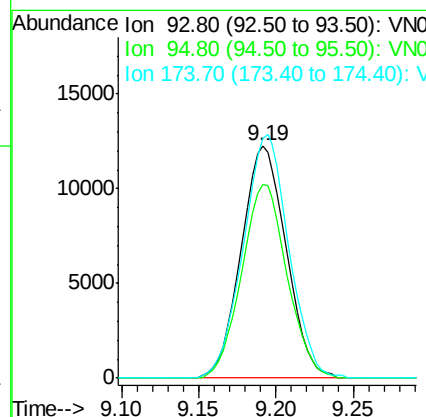
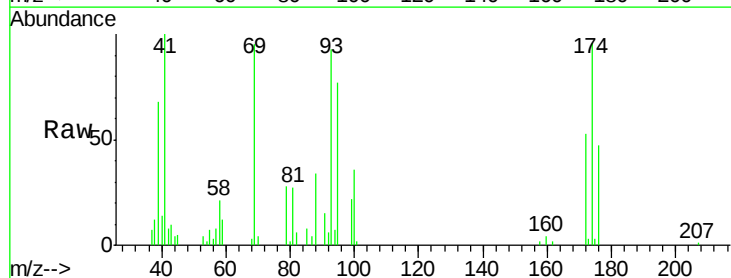
Manual Integrations  
 APPROVED

MMDadoda  
 2/26/2020 10:45:05 AM



#46  
 Dibromomethane  
 Concen: 18.034 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Tgt Ion: 93 Resp: 24861  
 Ion Ratio Lower Upper  
 93 100  
 95 83.6 65.0 97.6  
 174 105.8 82.3 123.5





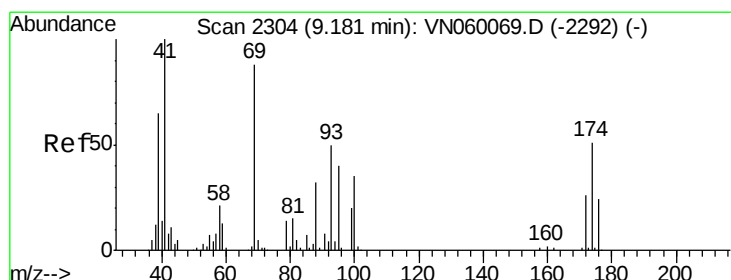
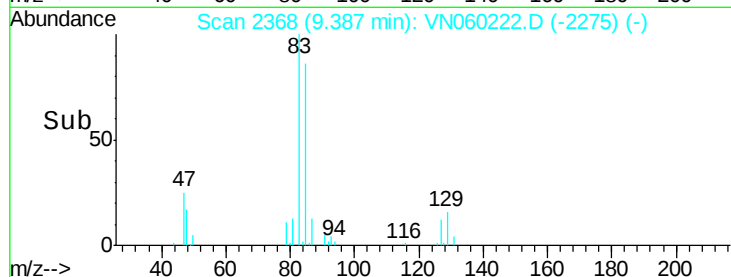
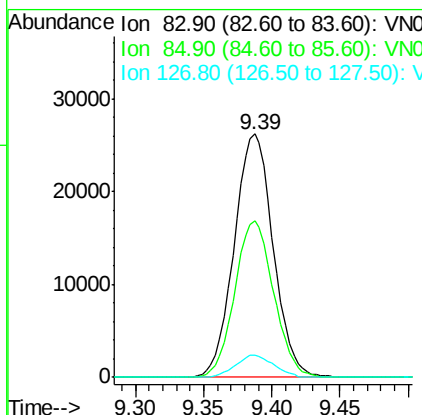
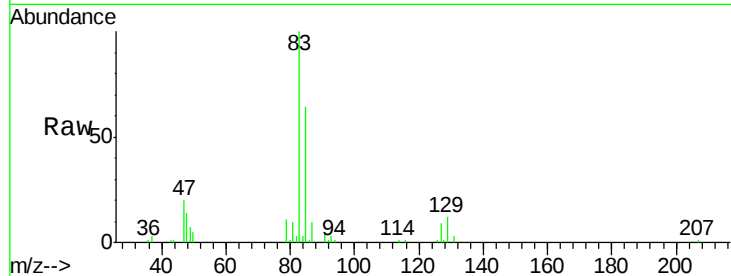
#47  
Bromodichloromethane  
Concen: 18.556 ug/l  
RT: 9.39 min Scan# 2368  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion   | 83   | Resp  | 52007 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 64.1 | 50.6  | 75.8  |
| 127       | 9.1  | 7.0   | 10.6  |

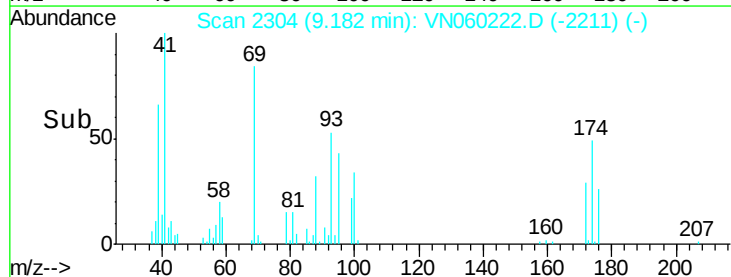
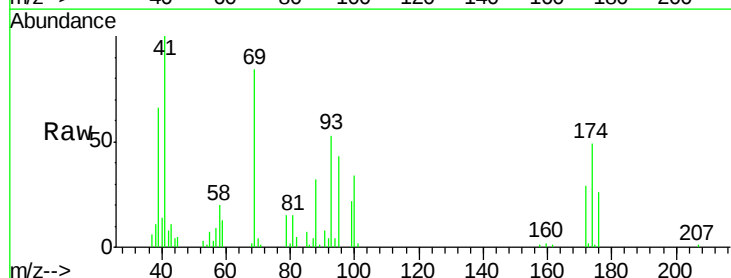
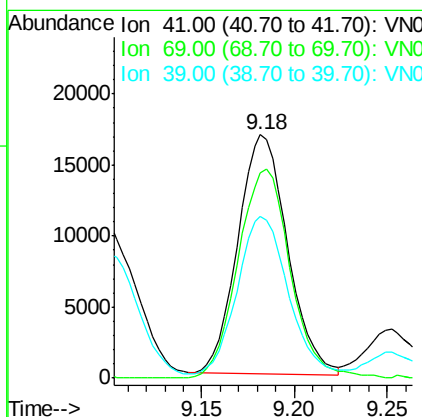
Manual Integrations  
APPROVED

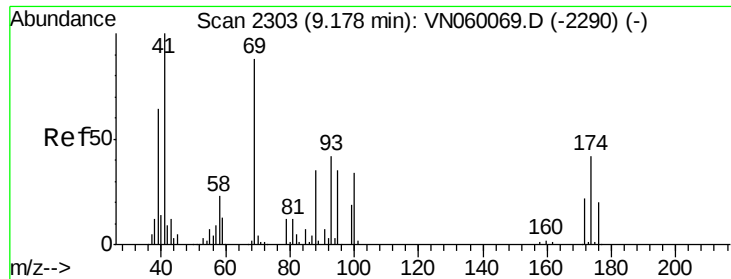
MMDadoda  
2/26/2020 10:45:05 AM



#48  
Methyl methacrylate  
Concen: 17.109 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion   | 41   | Resp  | 31501 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 92.3 | 72.0  | 108.0 |
| 39        | 68.4 | 54.1  | 81.1  |





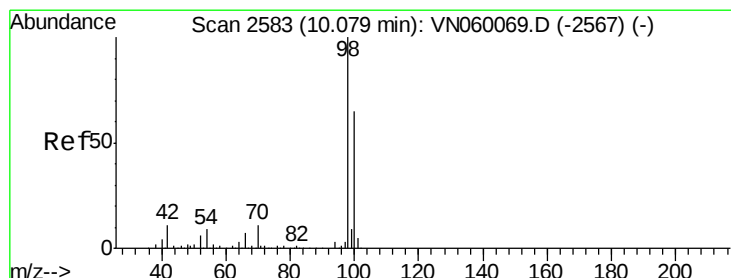
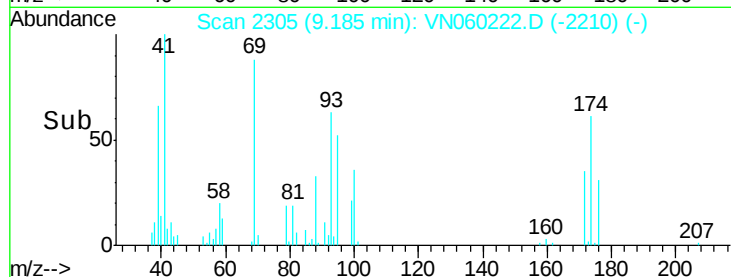
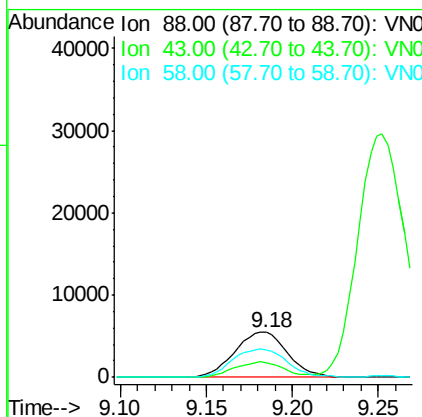
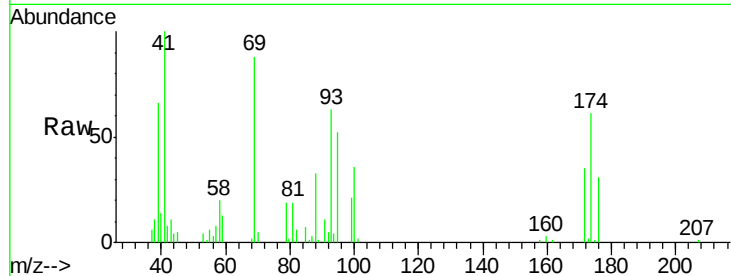
#49  
1,4-Dioxane  
Concen: 370.457 ug/l  
RT: 9.18 min Scan# 2305  
Delta R.T. 0.01 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.0  | 26.2  | 39.2  |
| 58      | 64.4  | 53.2  | 79.8  |

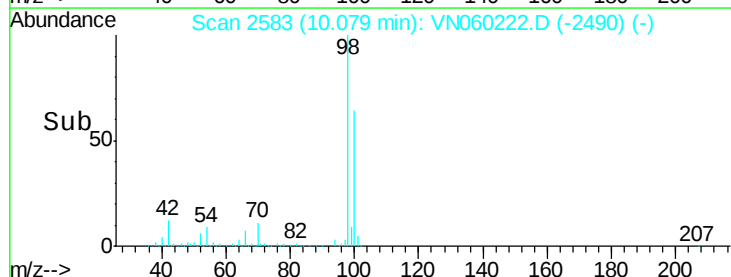
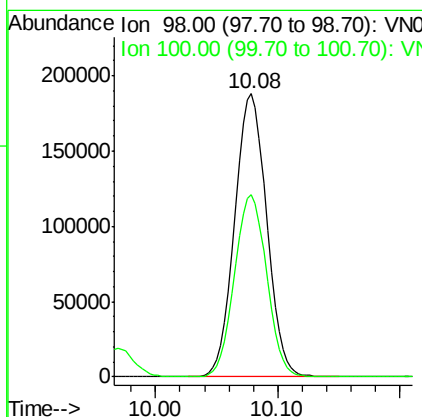
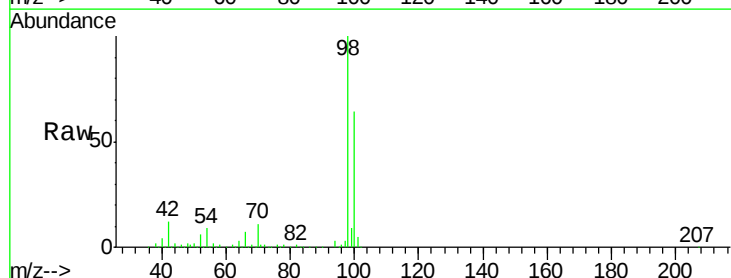
Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#50  
Toluene-d8  
Concen: 49.311 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 51.7  | 77.5  |





#51

4-Methyl-2-Pentanone

Concen: 91.875 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion: 43 Resp: 218230

Ion Ratio Lower Upper

43 100

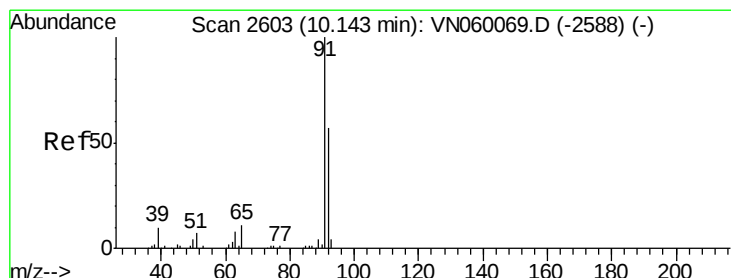
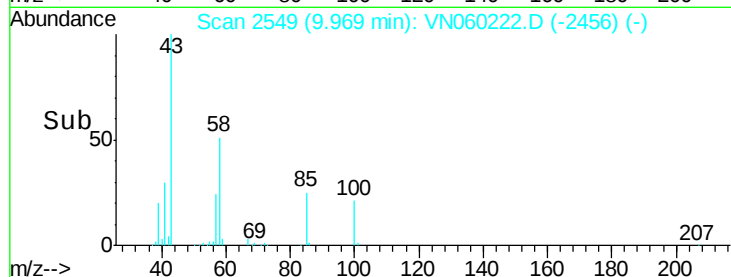
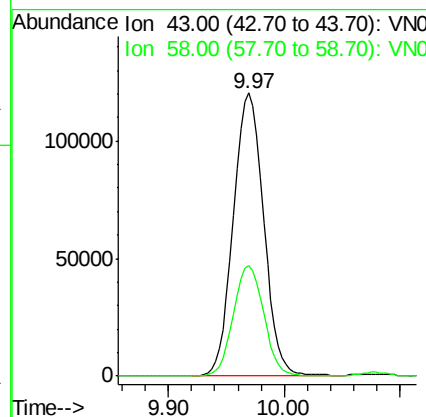
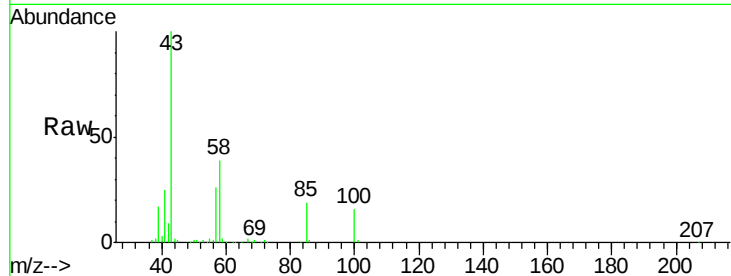
58 39.0 31.8 47.8

Manual Integrations

APPROVED

MMDadoda

2/26/2020 10:45:05 AM



#52

Toluene

Concen: 18.283 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060222.D

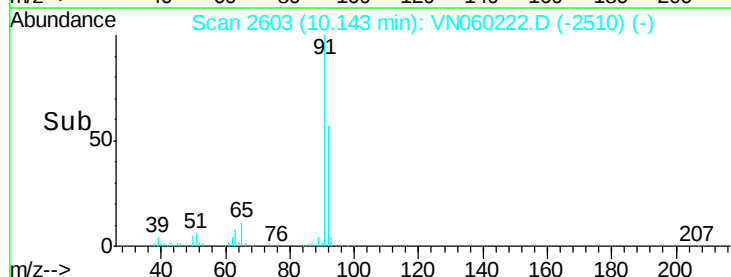
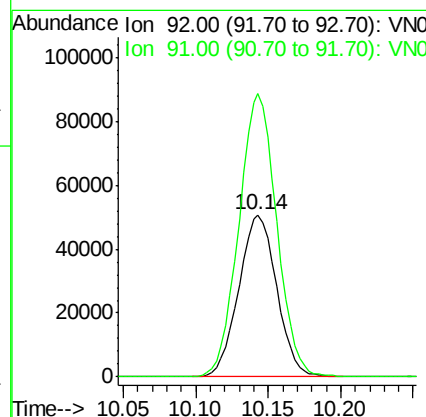
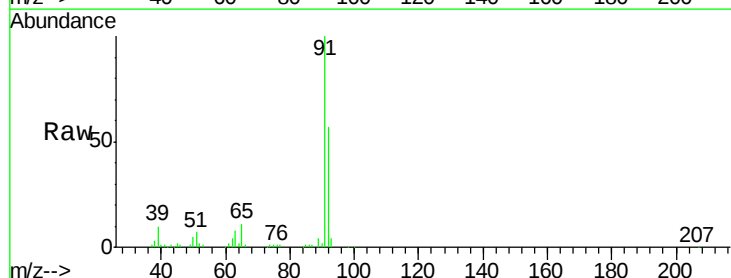
Acq: 25 Feb 2020 10:30

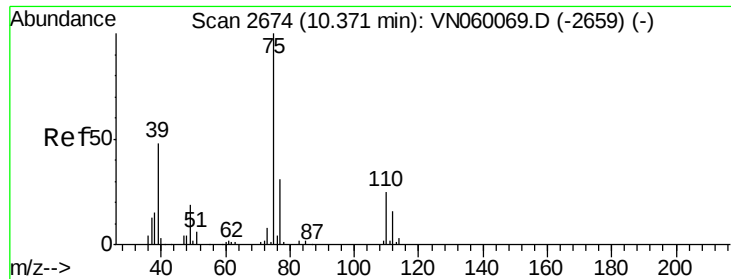
Tgt Ion: 92 Resp: 92381

Ion Ratio Lower Upper

92 100

91 173.9 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 18.384 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion: 75 Resp: 58158

Ion Ratio Lower Upper

75 100

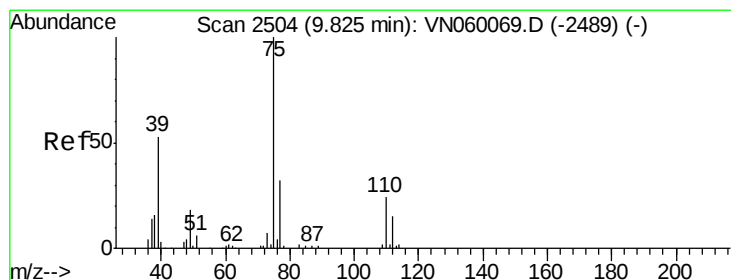
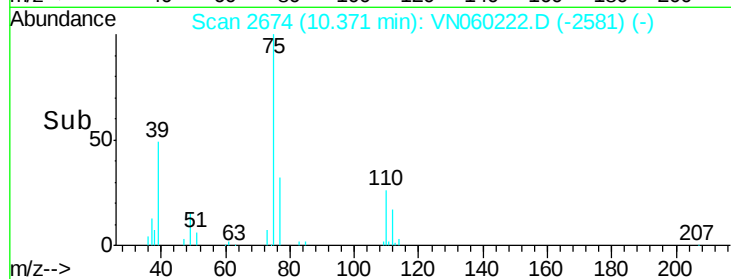
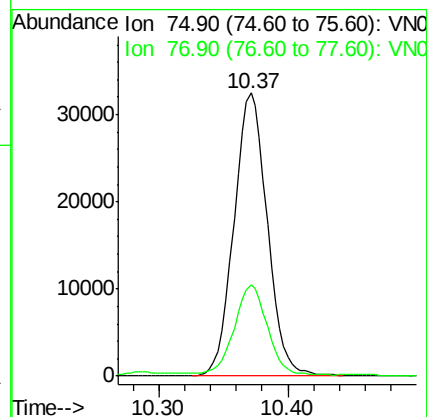
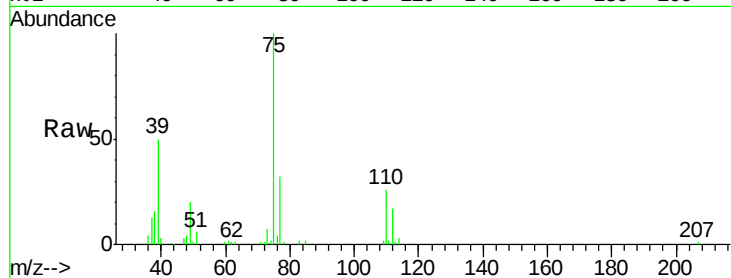
77 31.5 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

2/26/2020 10:45:05 AM



#54

cis-1,3-Dichloropropene

Concen: 18.450 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

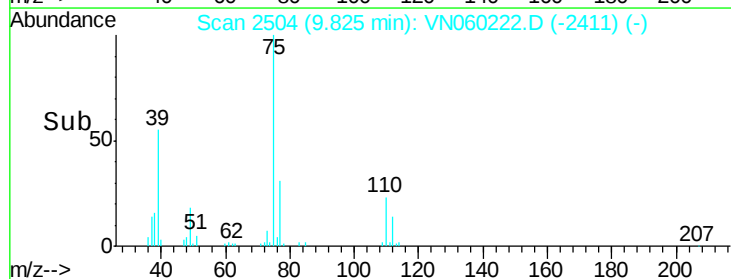
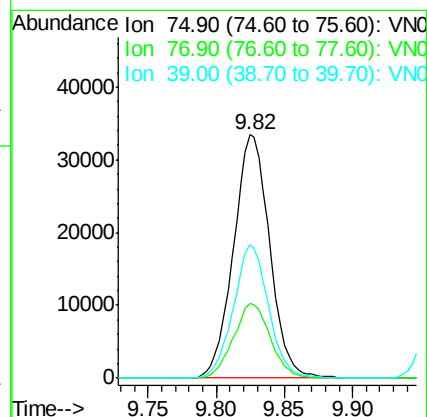
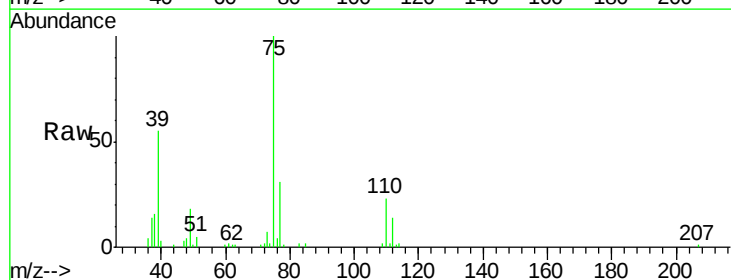
Tgt Ion: 75 Resp: 61461

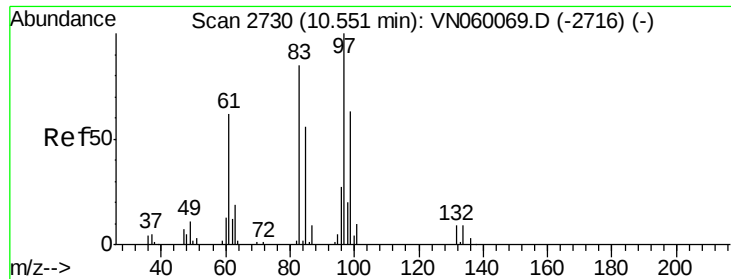
Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 54.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 18.298 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion: 97 Resp: 36070

Ion Ratio Lower Upper

97 100

83 84.6 67.9 101.9

85 57.7 44.6 67.0

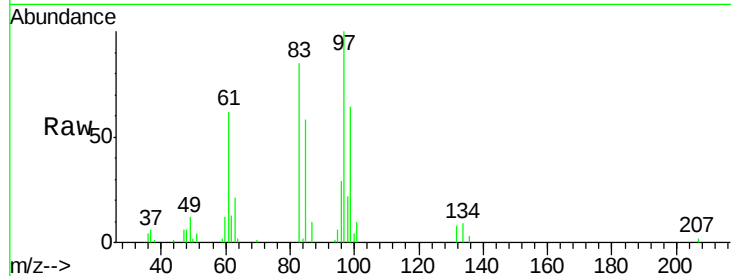
99 64.3 50.1 75.1

Manual Integrations

APPROVED

MMDadoda

2/26/2020 10:45:05 AM

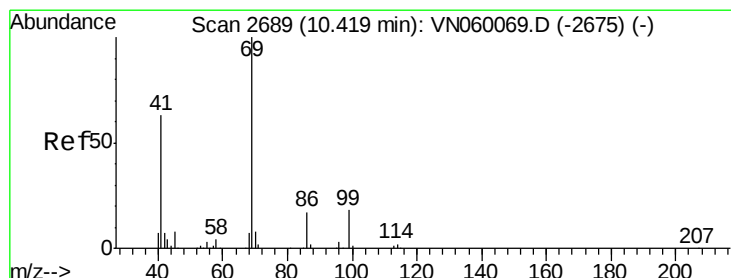
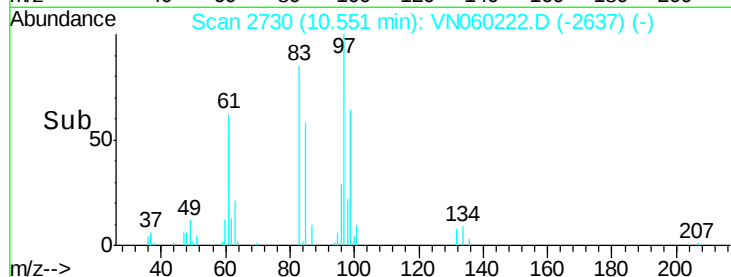
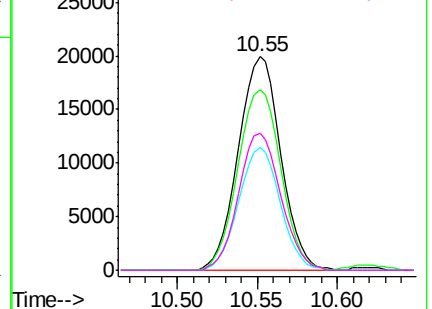


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.721 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

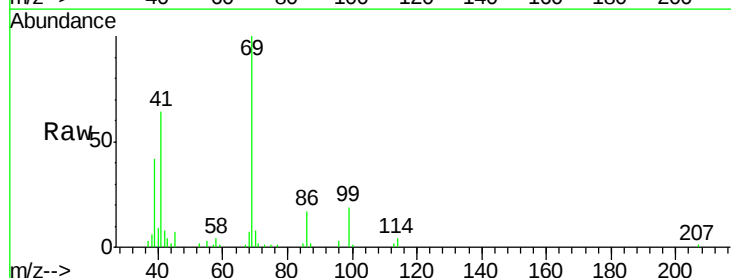
Tgt Ion: 69 Resp: 49415

Ion Ratio Lower Upper

69 100

41 64.5 51.1 76.7

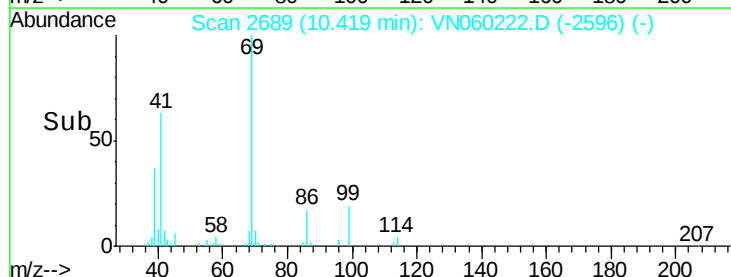
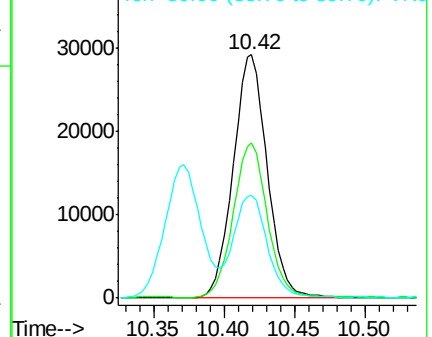
39 42.6 33.8 50.8

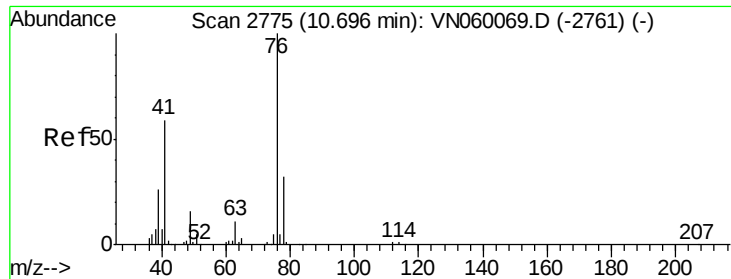


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





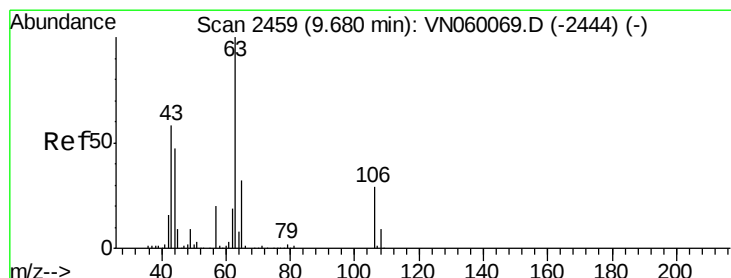
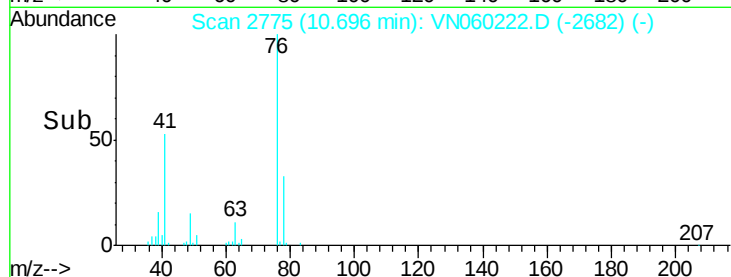
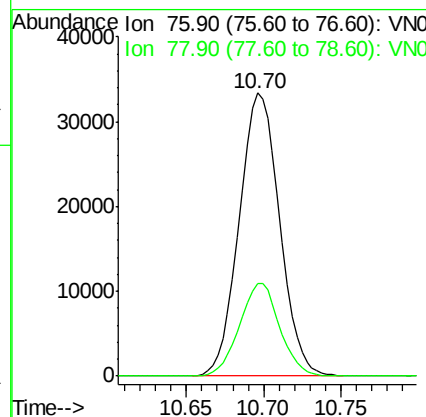
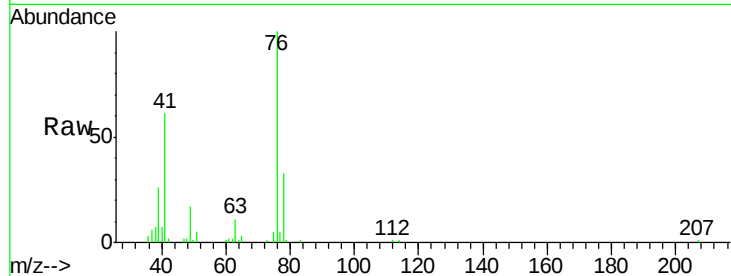
#57  
 1,3-Dichloropropane  
 Concen: 18.636 ug/l  
 RT: 10.70 min Scan# 2775  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.5  | 25.7  | 38.5  |

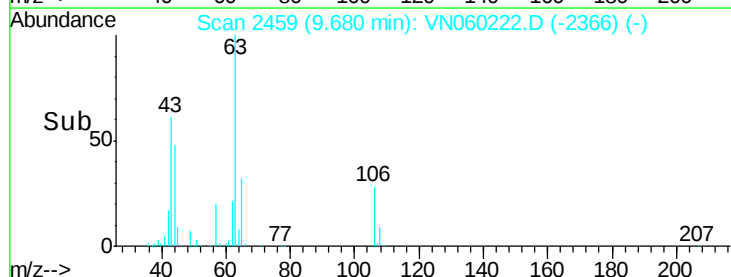
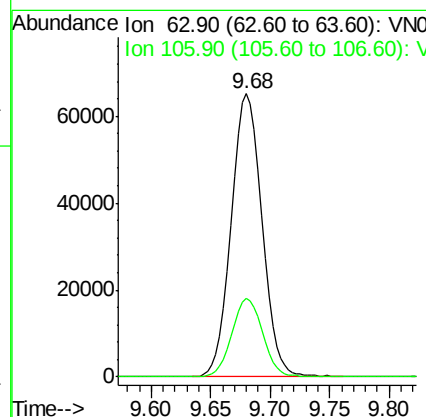
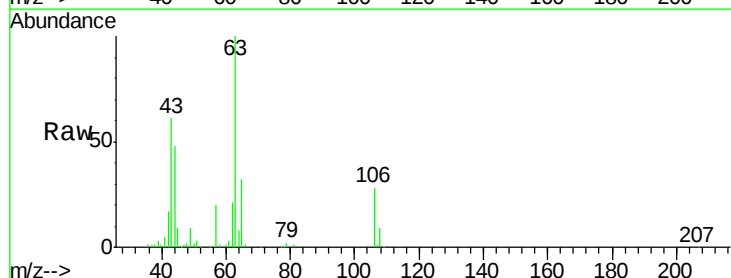
Manual Integrations  
 APPROVED

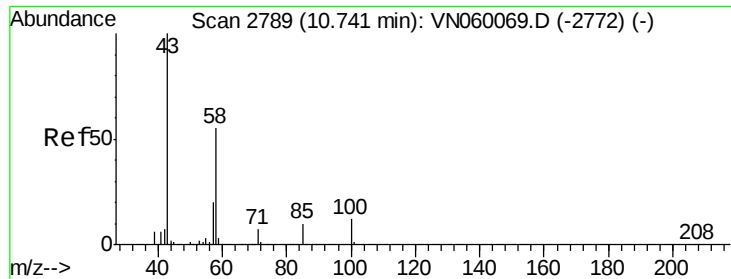
MMDadoda  
 2/26/2020 10:45:05 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 90.300 ug/l  
 RT: 9.68 min Scan# 2459  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 27.6  | 22.9  | 34.3  |





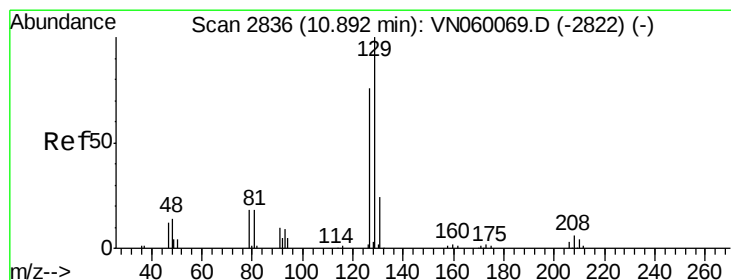
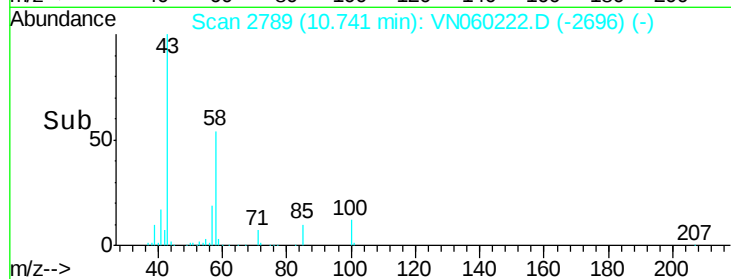
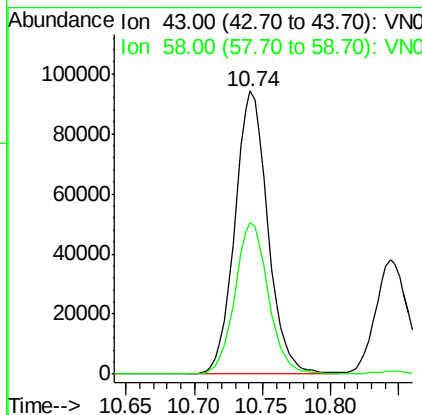
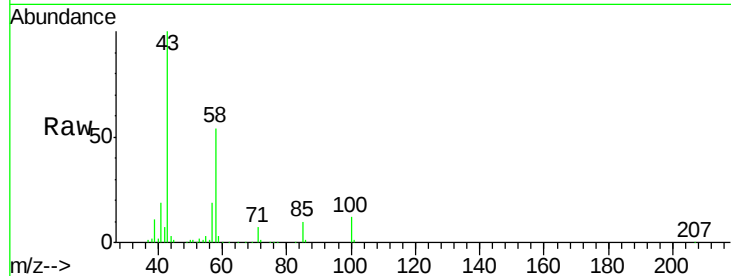
#59  
2-Hexanone  
Concen: 86.179 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

Tot Ion: 43 Resp: 158126  
Ion Ratio Lower Upper  
43 100  
58 54.3 27.5 82.4

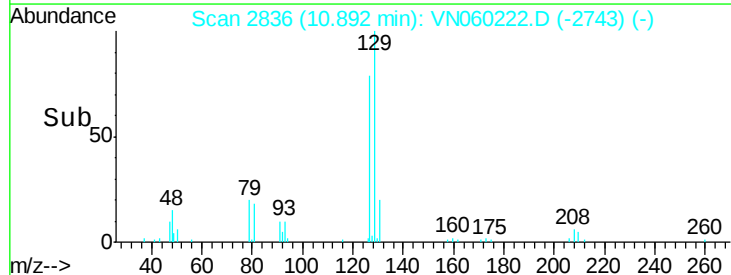
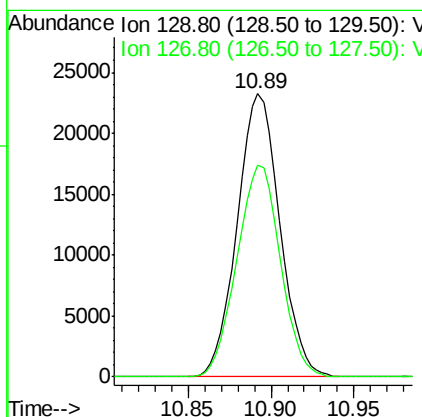
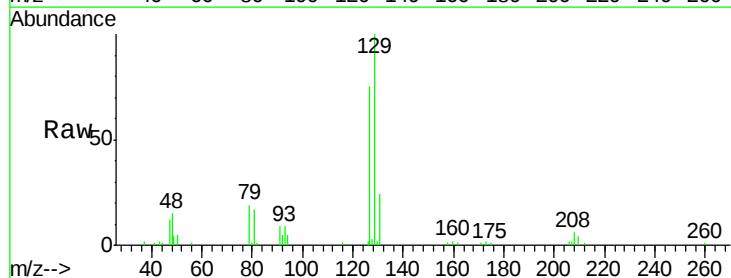
Manual Integrations  
APPROVED

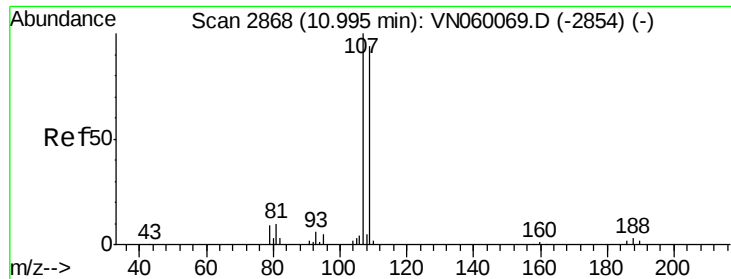
MMDadoda  
2/26/2020 10:45:05 AM



#60  
Dibromochloromethane  
Concen: 18.346 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Tgt Ion: 129 Resp: 41500  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.0 114.1





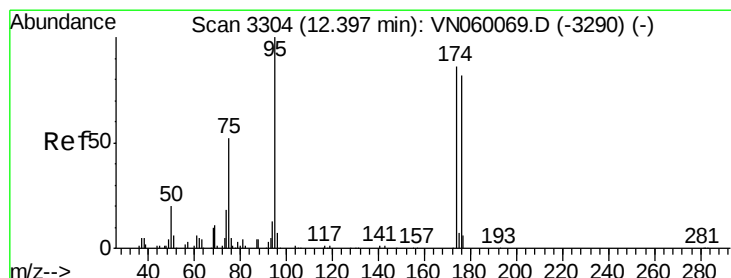
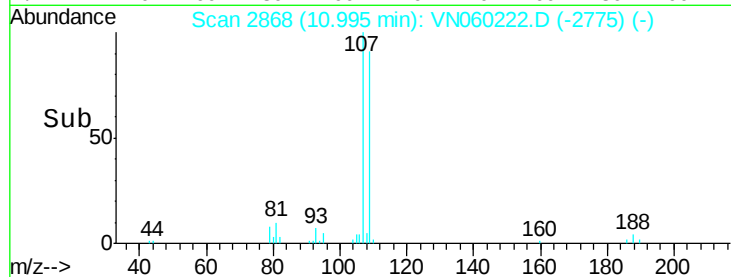
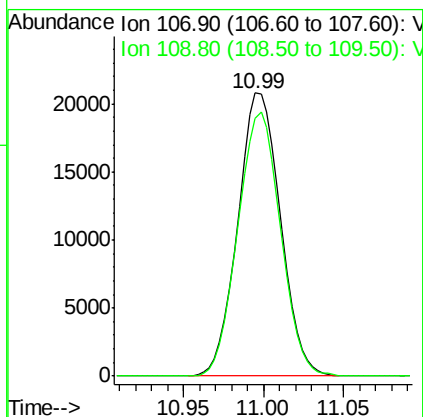
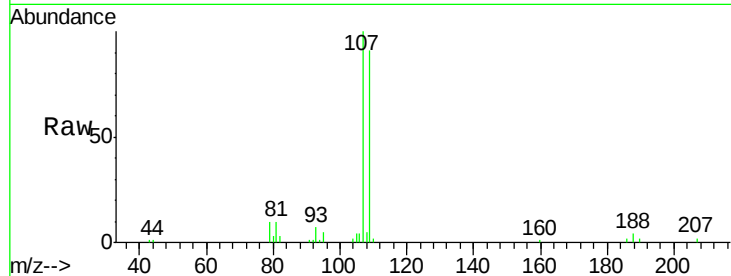
#61  
 1,2-Dibromoethane  
 Concen: 18.265 ug/l  
 RT: 10.99 min Scan# 2868  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

Tot Ion:107 Resp: 37743  
 Ion Ratio Lower Upper  
 107 100  
 109 93.7 75.4 113.0

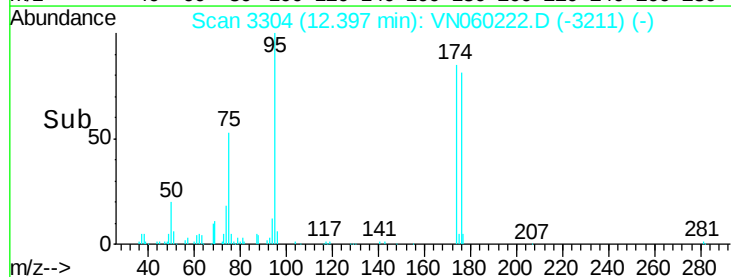
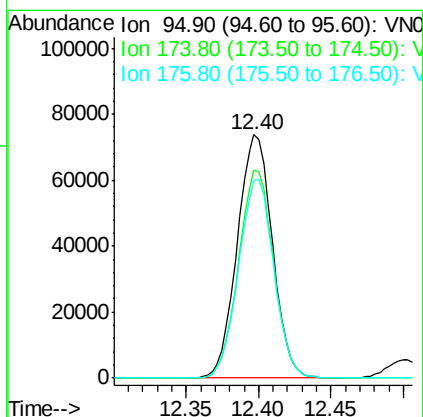
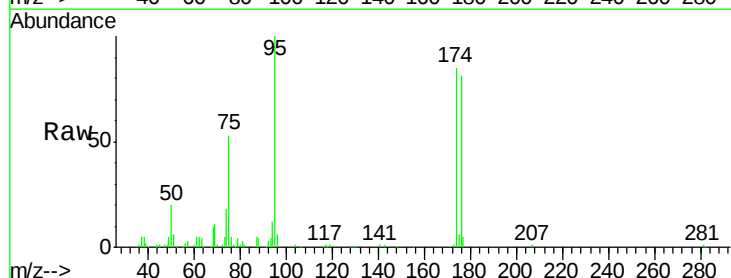
Manual Integrations  
 APPROVED

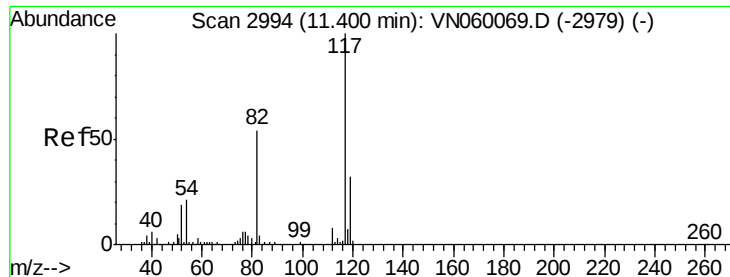
MMDadoda  
 2/26/2020 10:45:05 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.704 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Tgt Ion: 95 Resp: 124235  
 Ion Ratio Lower Upper  
 95 100  
 174 85.5 0.0 169.8  
 176 82.4 0.0 164.8





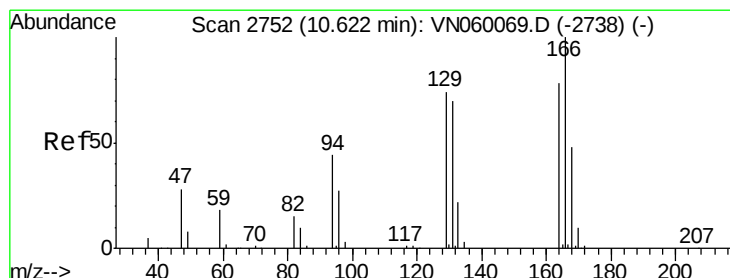
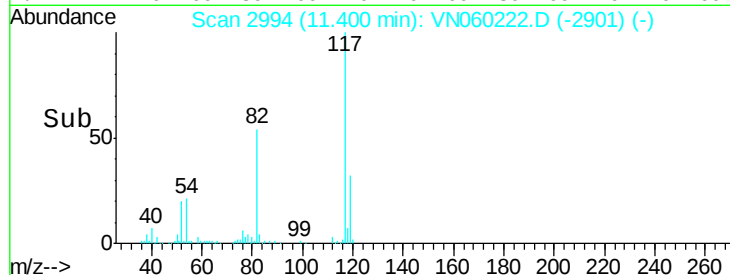
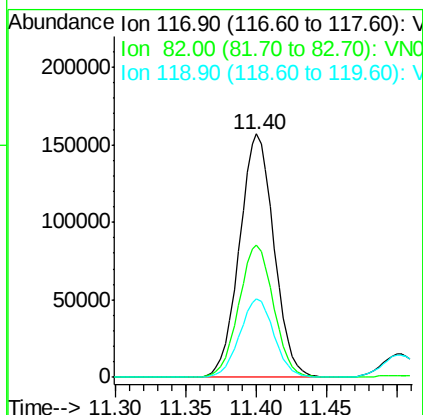
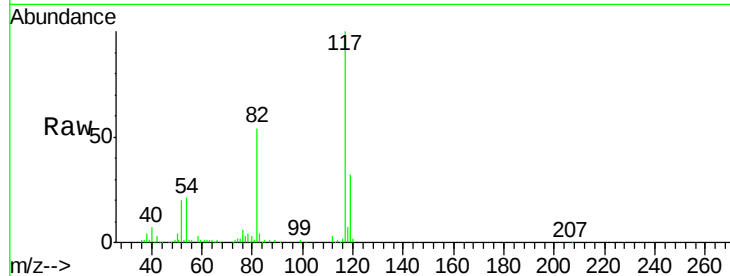
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 268951 |       |       |
| 82      | 54.5  | 43.4   | 65.0  |       |
| 119     | 32.2  | 25.8   | 38.6  |       |

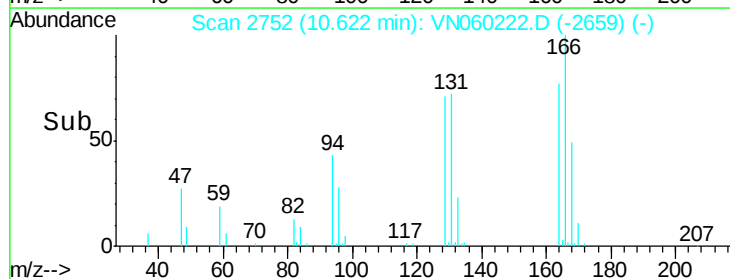
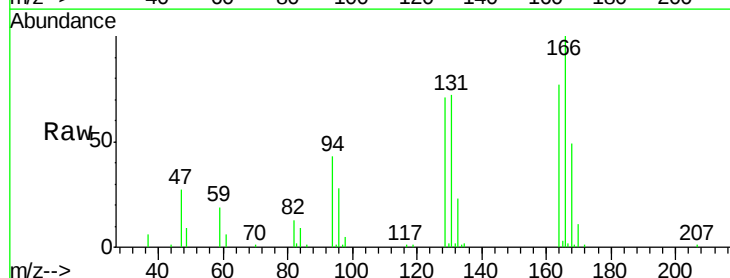
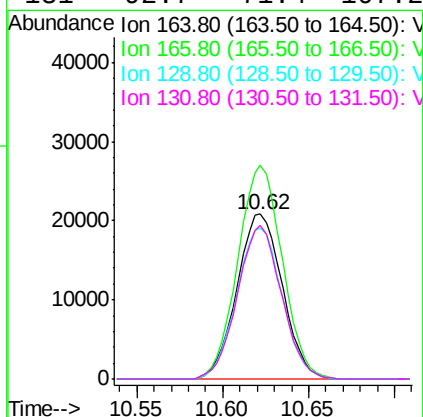
Manual Integrations  
APPROVED

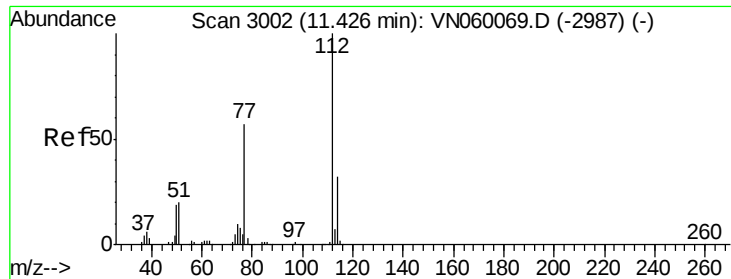
MMDadoda  
2/26/2020 10:45:05 AM



#64  
Tetrachloroethene  
Concen: 18.626 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 38082 |       |       |
| 166     | 129.5 | 101.9 | 152.9 |       |
| 129     | 91.3  | 75.4  | 113.0 |       |
| 131     | 92.7  | 71.4  | 107.2 |       |





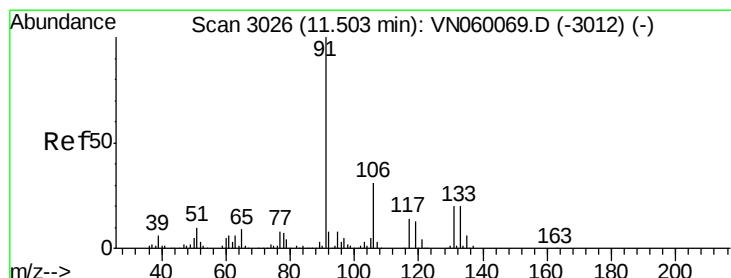
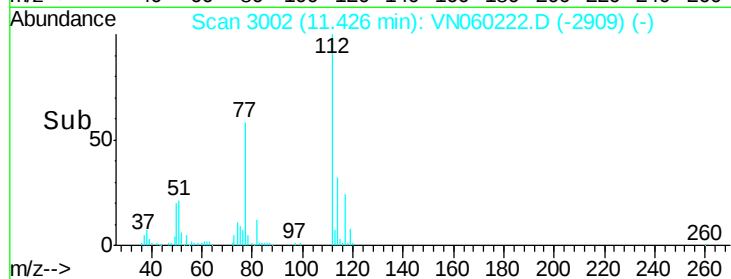
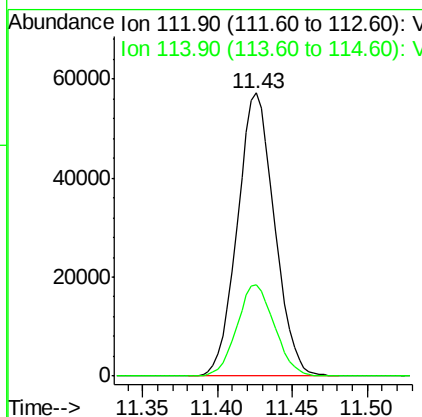
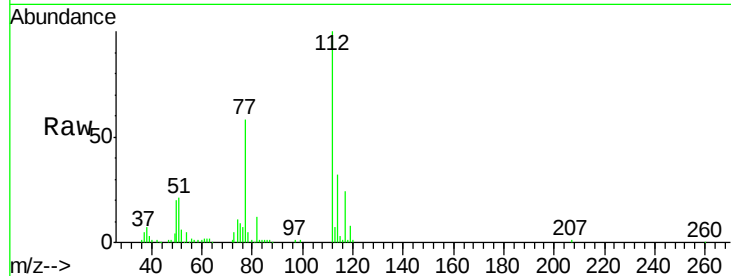
#65  
Chlorobenzene  
Concen: 17.974 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

Tot Ion:112 Resp: 98486  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.0

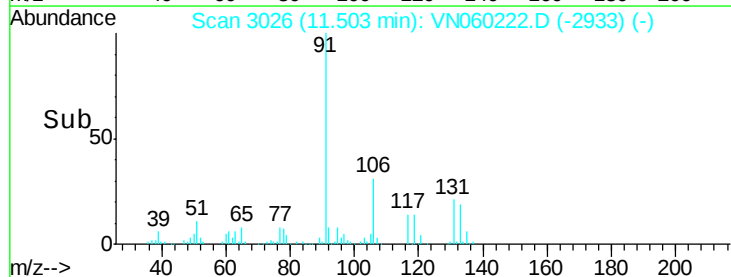
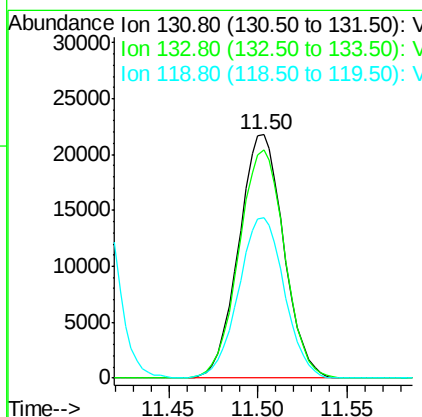
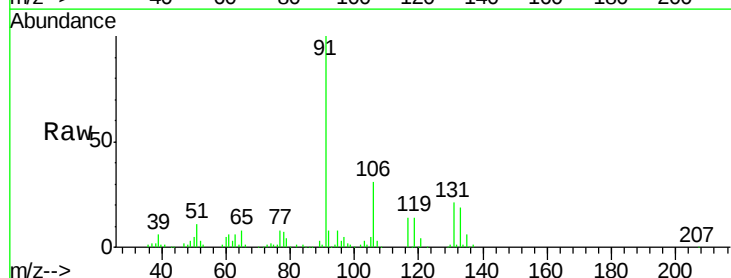
Manual Integrations  
APPROVED

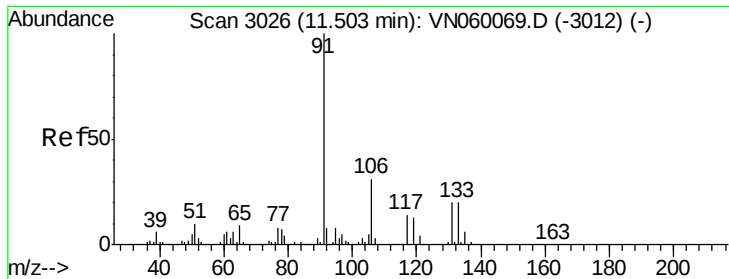
MMDadoda  
2/26/2020 10:45:05 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.478 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Tgt Ion:131 Resp: 38303  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.9 143.7  
119 67.2 32.6 97.7





#67

Ethyl Benzene

Concen: 18.113 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion: 91 Resp: 179004

Ion Ratio Lower Upper

91 100

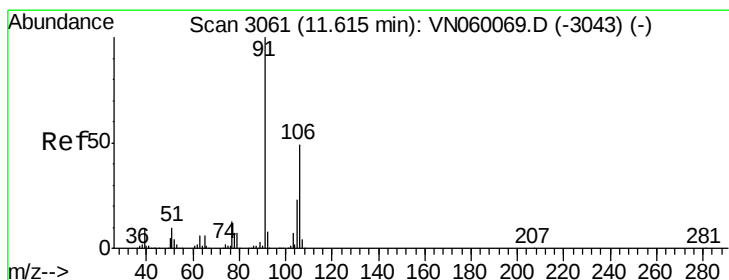
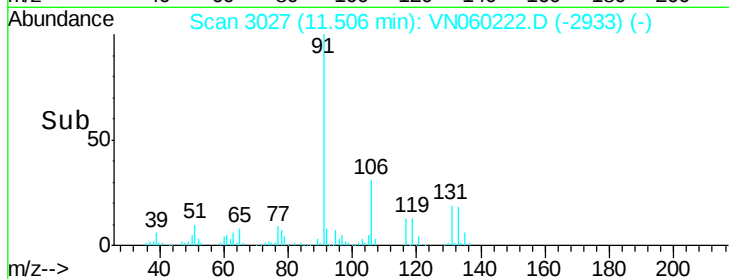
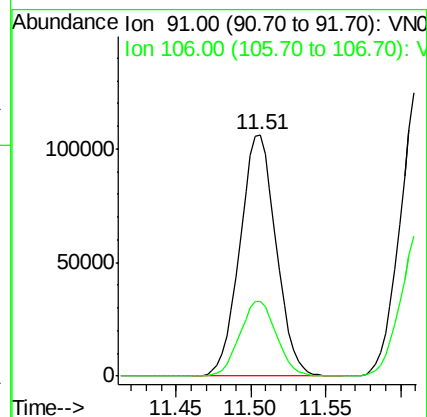
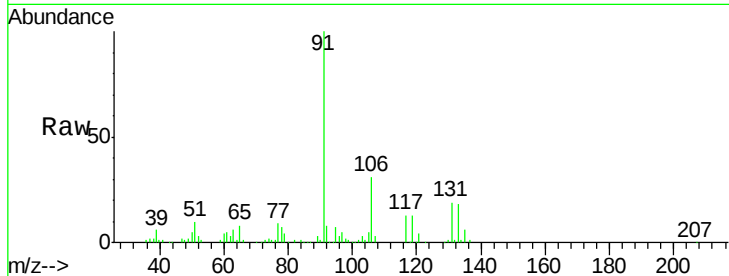
106 31.1 25.1 37.7

Manual Integrations

APPROVED

MMDadoda

2/26/2020 10:45:05 AM



#68

m/p-Xylenes

Concen: 36.374 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060222.D

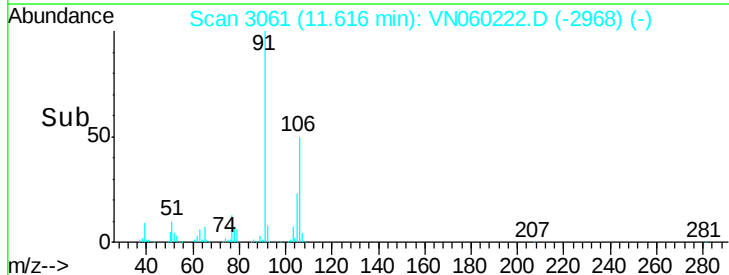
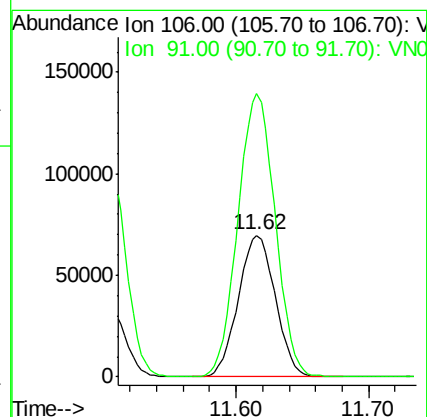
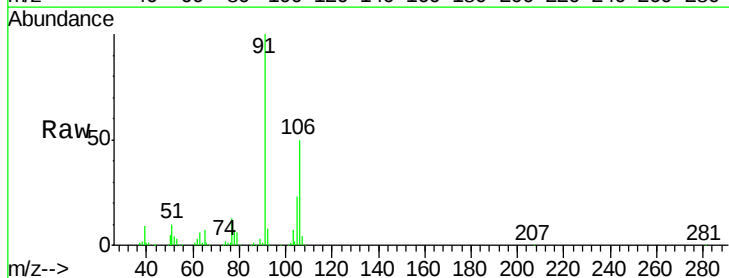
Acq: 25 Feb 2020 10:30

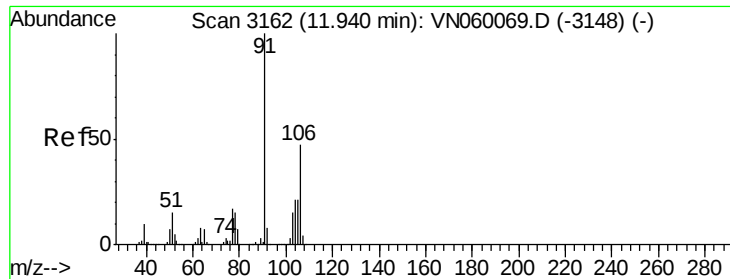
Tgt Ion: 106 Resp: 134913

Ion Ratio Lower Upper

106 100

91 201.0 162.7 244.1





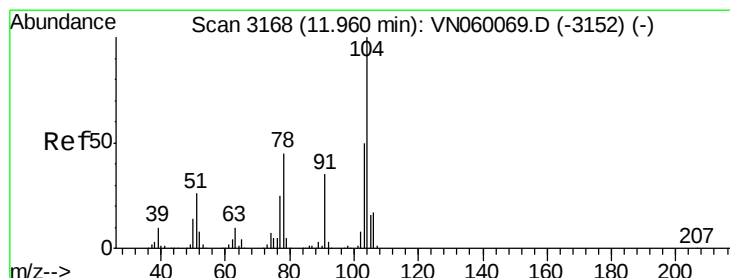
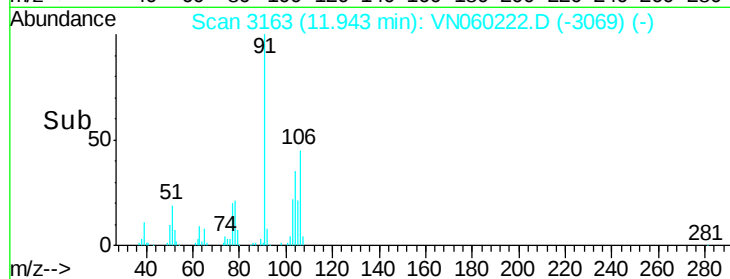
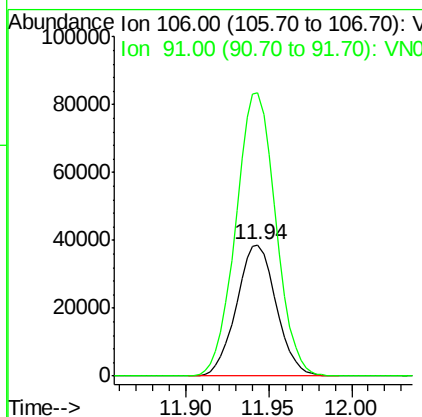
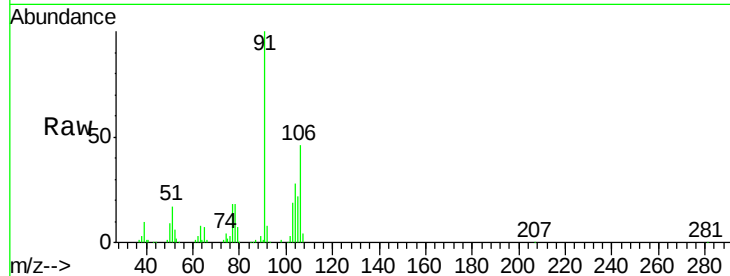
#69  
o-Xylene  
Concen: 18.062 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

Tot Ion:106 Resp: 64503  
Ion Ratio Lower Upper  
106 100  
91 216.7 107.2 321.6

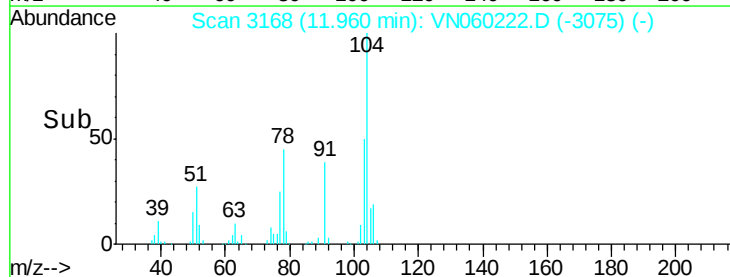
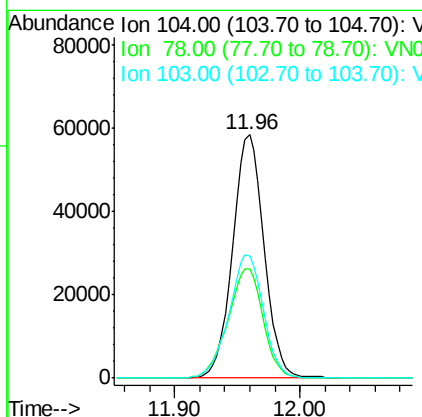
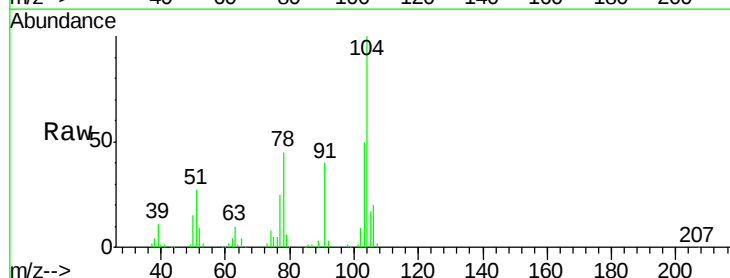
Manual Integrations  
APPROVED

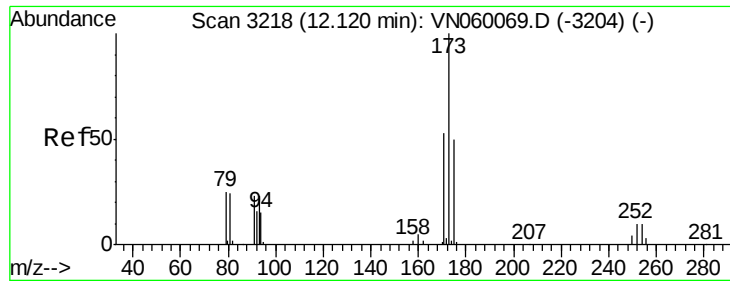
MMDadoda  
2/26/2020 10:45:05 AM



#70  
Styrene  
Concen: 17.655 ug/l  
RT: 11.96 min Scan# 3168  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Tgt Ion:104 Resp: 101677  
Ion Ratio Lower Upper  
104 100  
78 50.2 40.2 60.2  
103 55.3 44.3 66.5





#71

Bromoform

Concen: 17.462 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

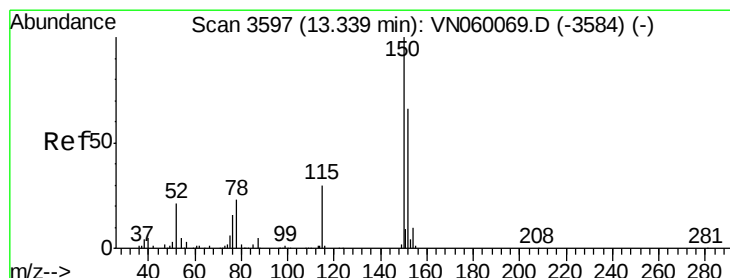
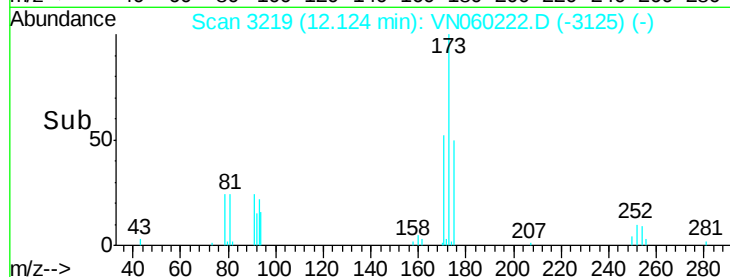
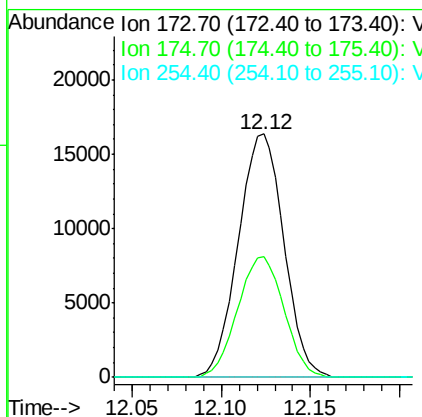
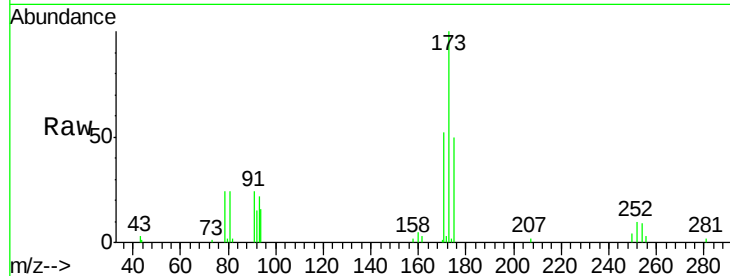
ClientSampleId :

VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.3  | 24.9  | 74.6  |
| 254     | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

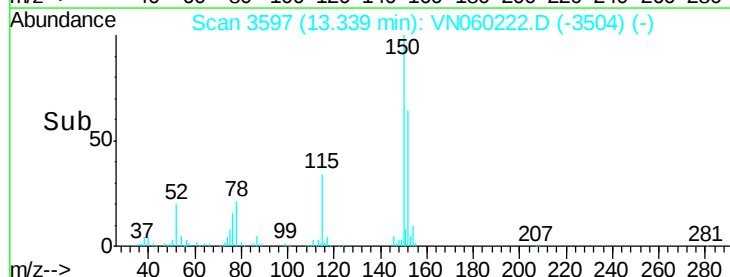
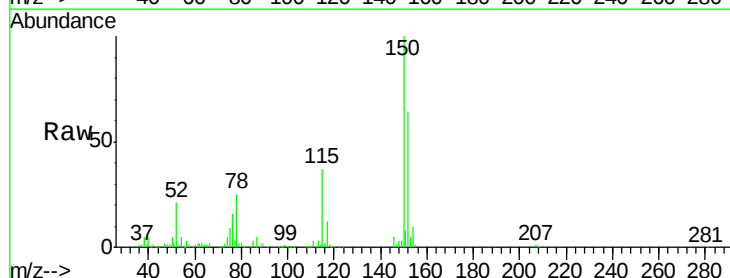
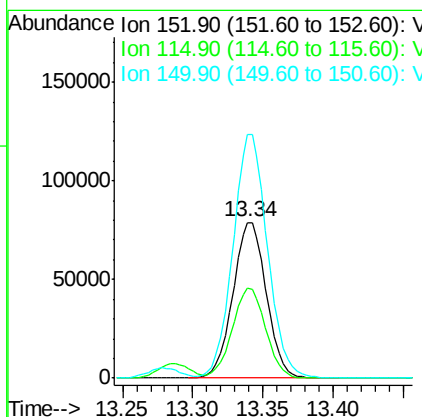
RT: 13.34 min Scan# 3597

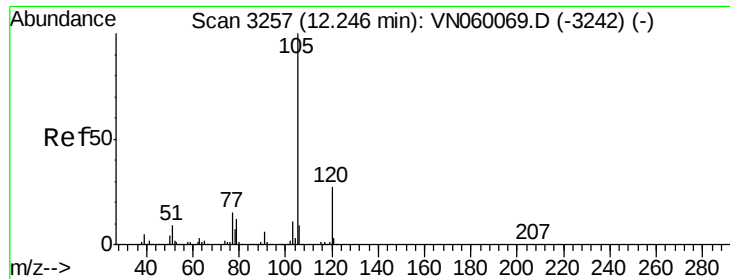
Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.6  | 28.9  | 86.8  |
| 150     | 161.8 | 0.0   | 342.4 |





#73

Isopropylbenzene

Concen: 17.869 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0225WBS01

Tot Ion: 105 Resp: 174280

Ion Ratio Lower Upper

105 100

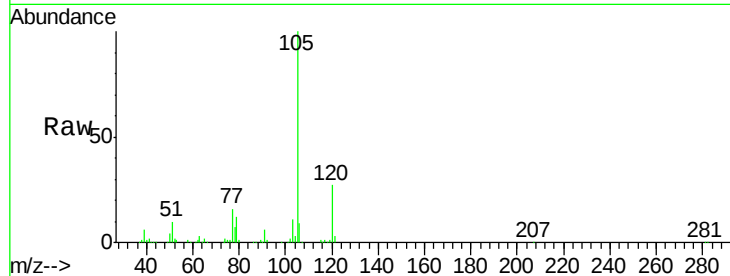
120 27.6 13.3 39.8

Manual Integrations

APPROVED

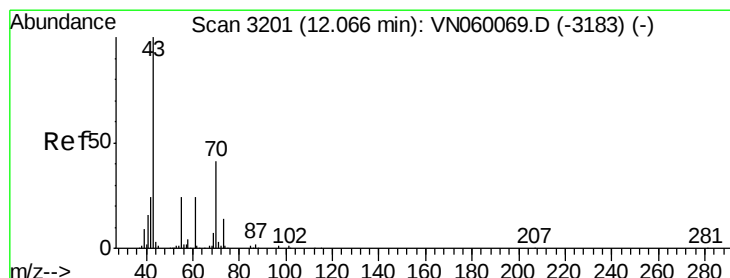
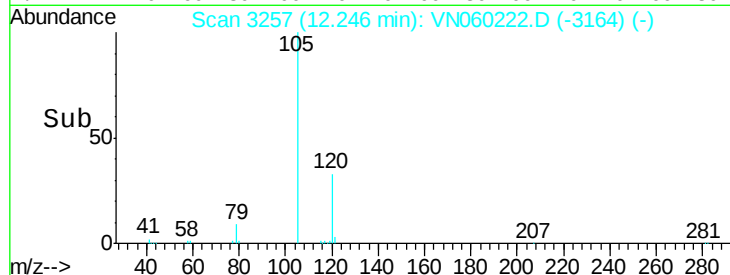
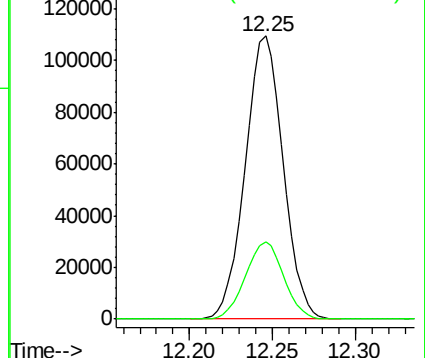
MMDadoda

2/26/2020 10:45:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.413 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Tgt Ion: 43 Resp: 61242

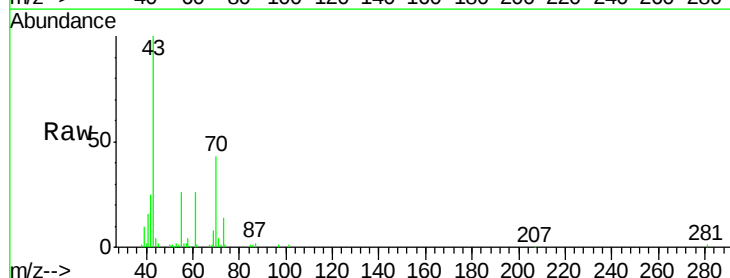
Ion Ratio Lower Upper

43 100

70 41.8 33.4 50.0

55 25.1 18.8 28.2

61 23.9 19.2 28.8

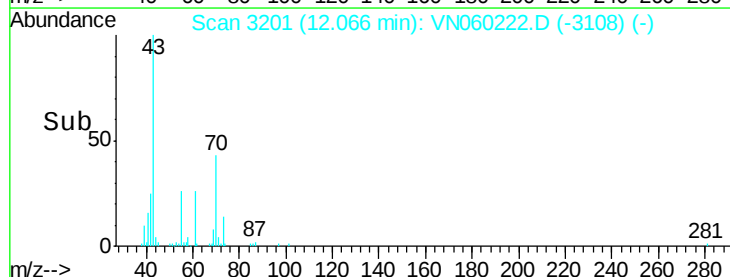
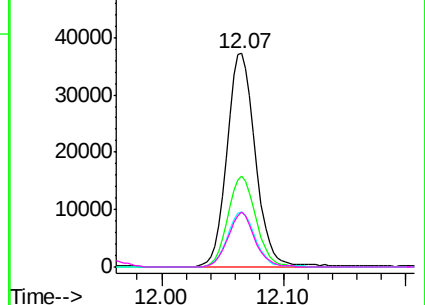


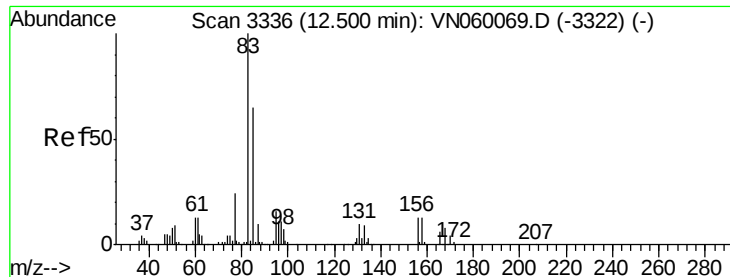
Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN





#75

1,1,2,2-Tetrachloroethane

Concen: 18.657 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

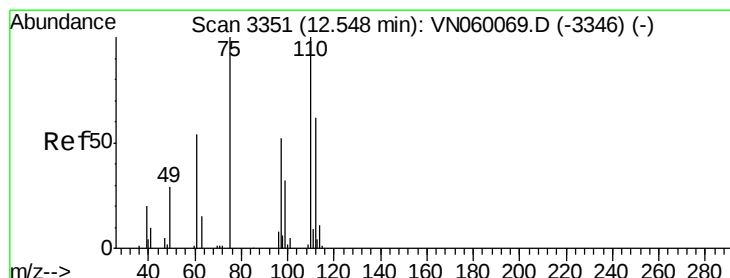
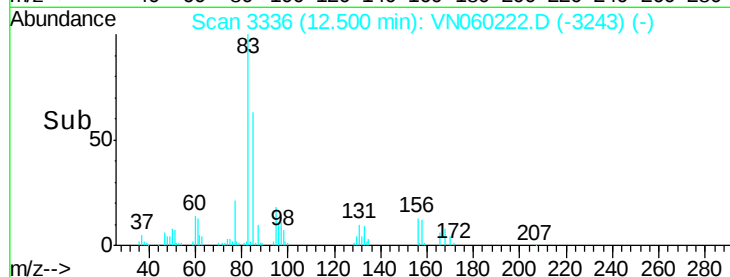
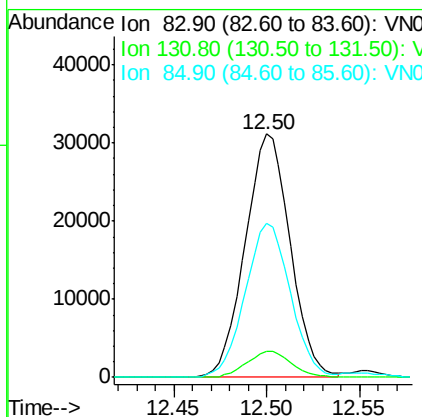
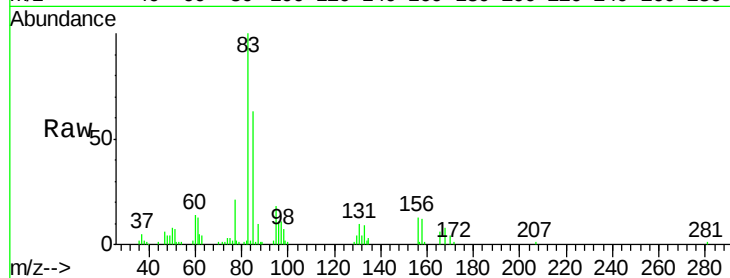
ClientSampleId :

VN0225WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 52377 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.5  | 5.2   | 15.6  |
| 85        | 63.5  | 32.3  | 96.9  |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#76

1,2,3-Trichloropropane

Concen: 19.491 ug/l m

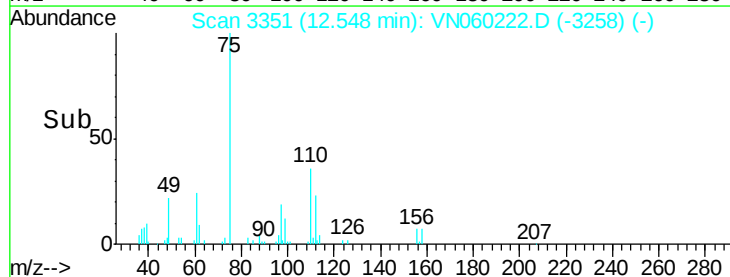
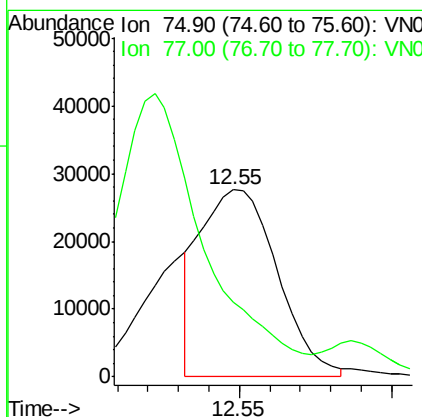
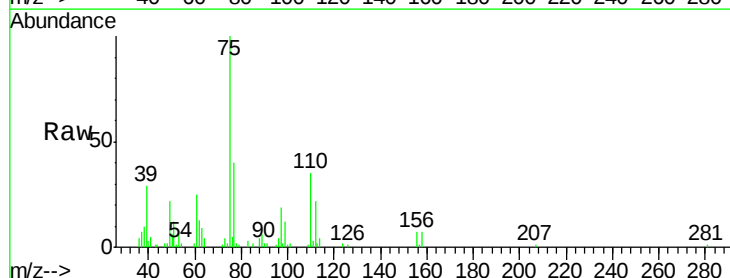
RT: 12.55 min Scan# 3351

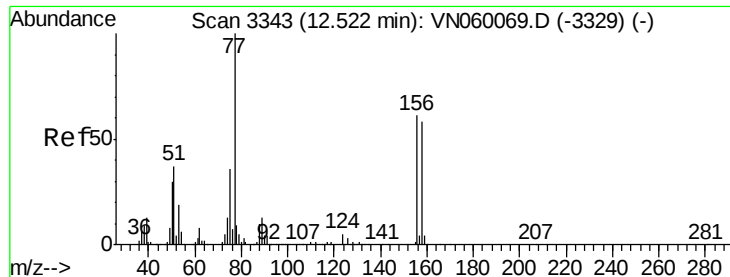
Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 48706 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 18.293 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

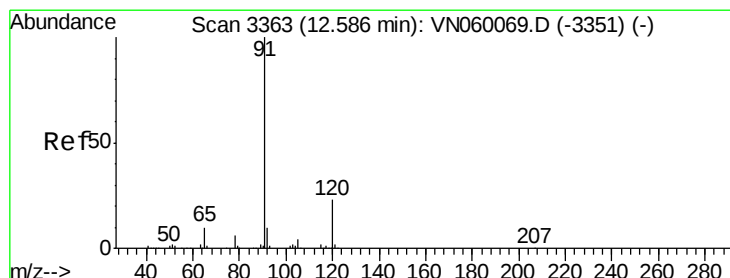
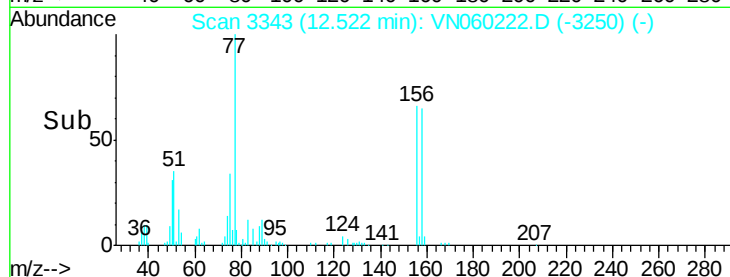
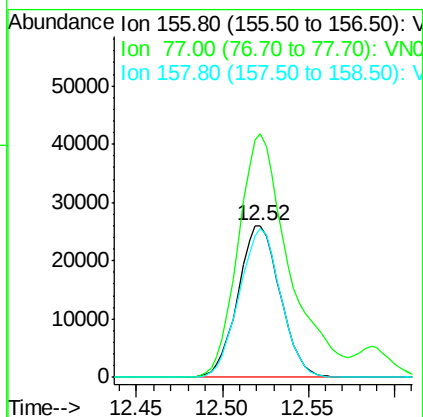
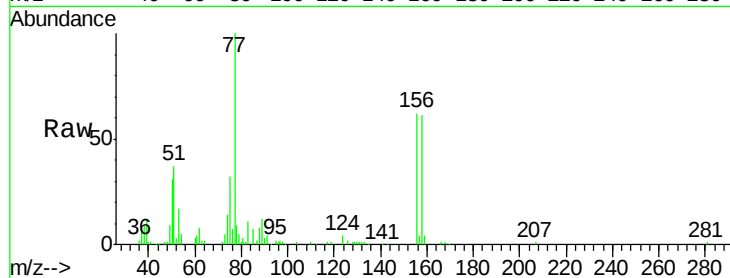
ClientSampleId :

VN0225WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 156   | Resp: | 44277 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 194.5 | 98.7  | 296.1 |
| 158      | 96.5  | 48.1  | 144.4 |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#78

n-propylbenzene

Concen: 17.870 ug/l

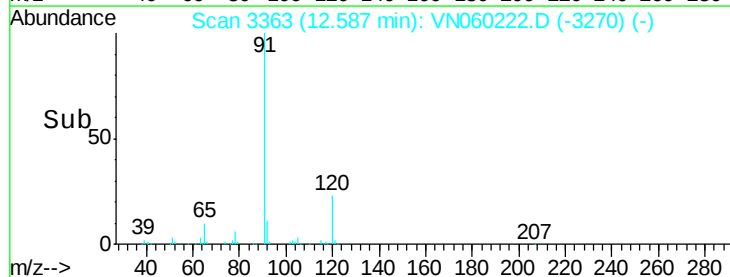
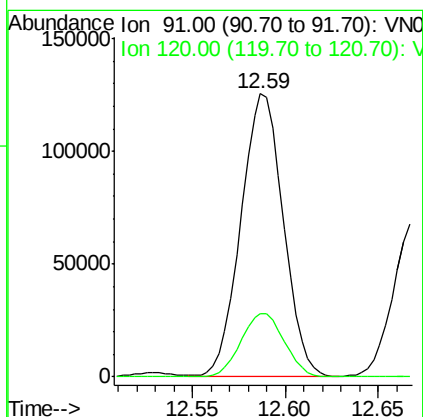
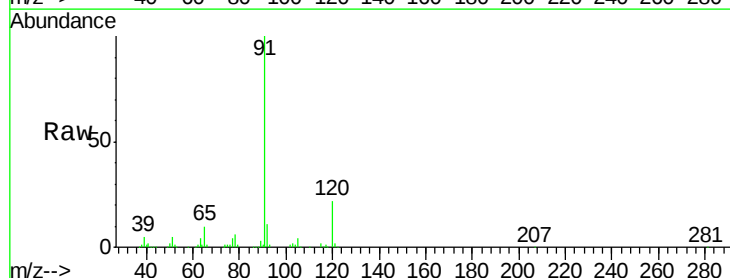
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 198575 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 23.0  | 11.5  | 34.5   |





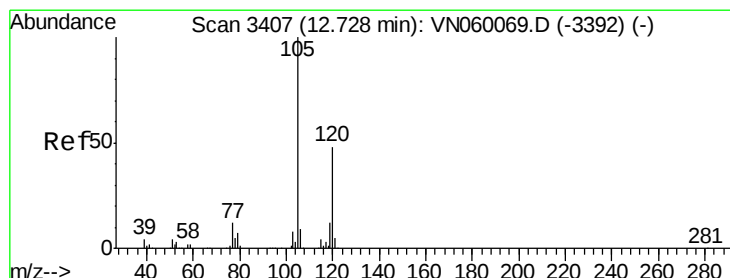
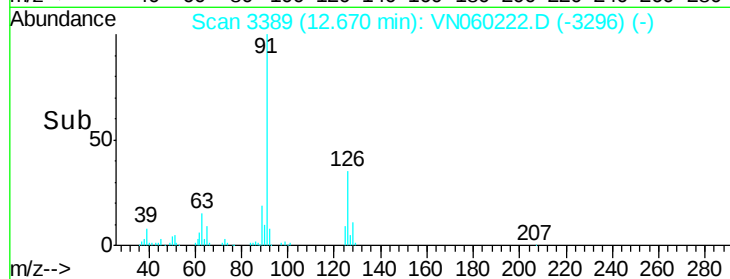
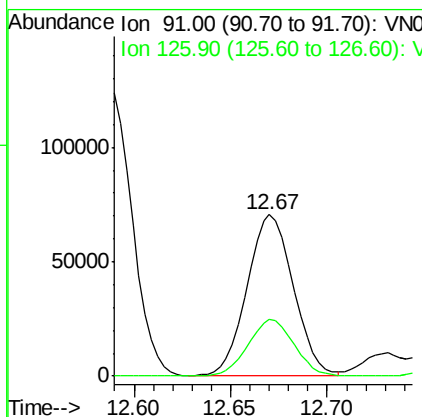
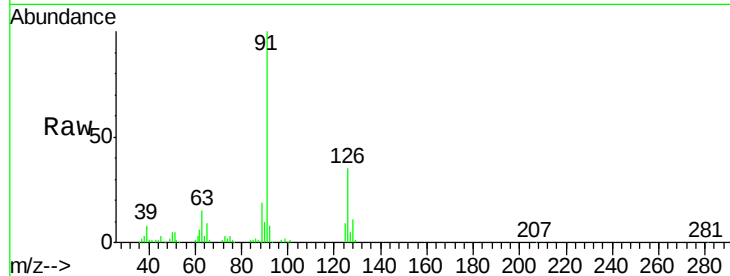
#79  
 2-Chlorotoluene  
 Concen: 17.920 ug/l  
 RT: 12.67 min Scan# 3389  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

Tot Ion: 91 Resp: 117043  
 Ion Ratio Lower Upper  
 91 100  
 126 35.1 17.4 52.2

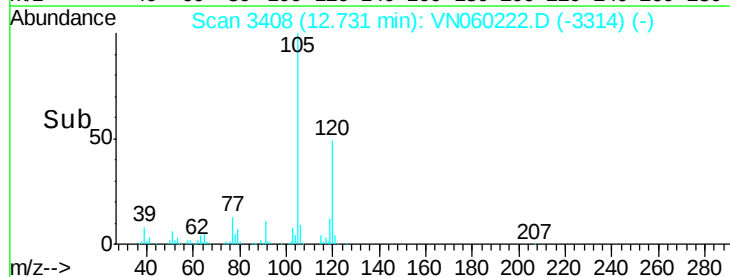
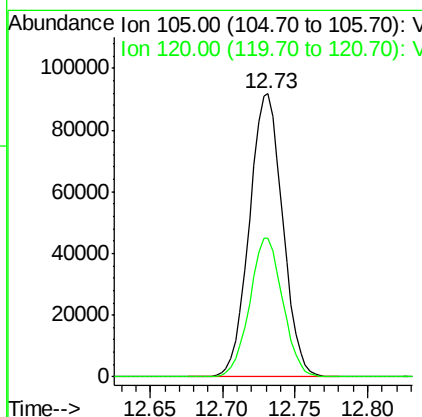
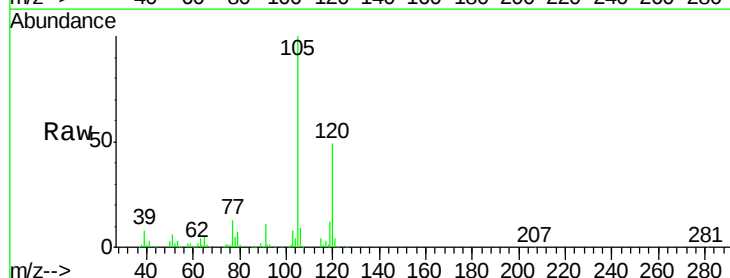
Manual Integrations  
 APPROVED

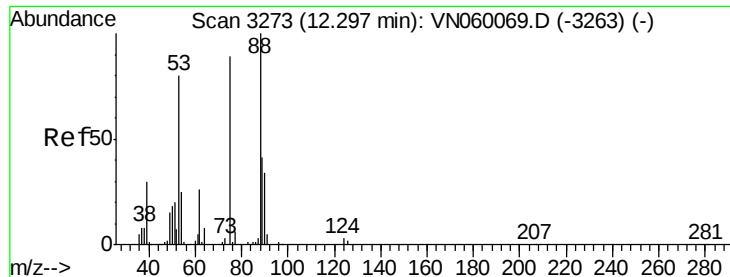
MMDadoda  
 2/26/2020 10:45:05 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.170 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Tgt Ion: 105 Resp: 147346  
 Ion Ratio Lower Upper  
 105 100  
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.037 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

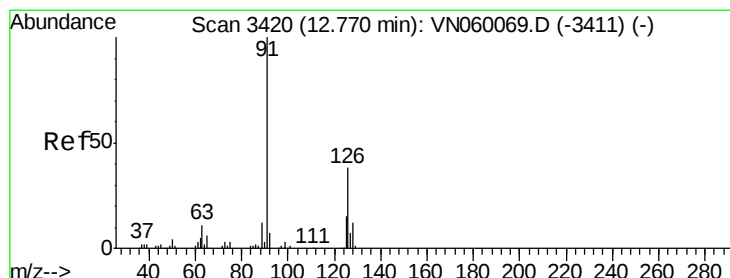
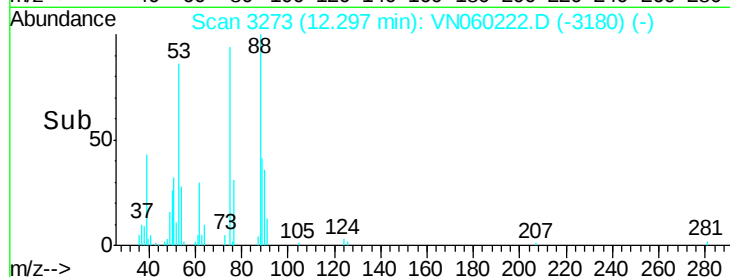
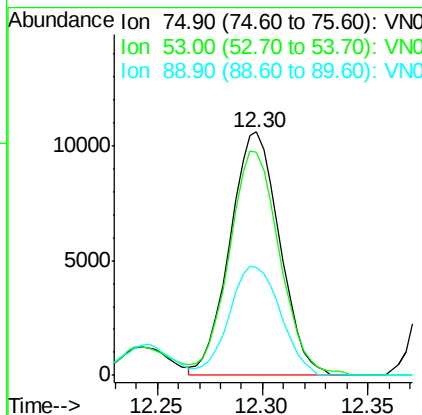
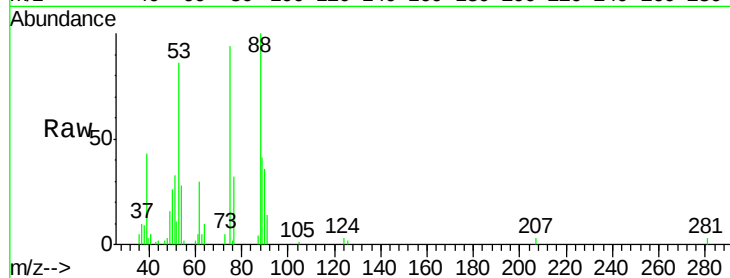
ClientSampleId :

VN0225WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 17387 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 93.3  | 73.9  | 110.9 |
| 89       | 46.1  | 37.0  | 55.4  |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#82

4-Chlorotoluene

Concen: 17.750 ug/l

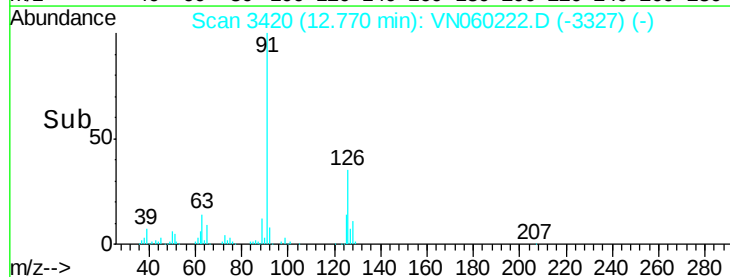
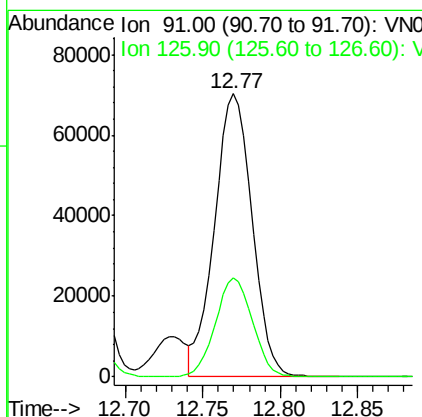
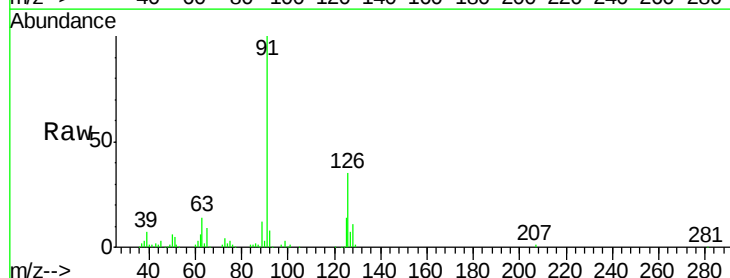
RT: 12.77 min Scan# 3420

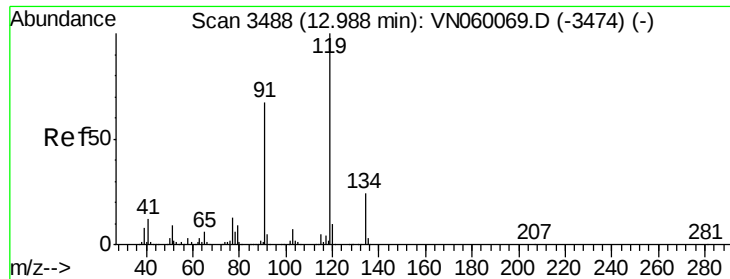
Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 118946 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 34.3  | 17.1  | 51.3   |





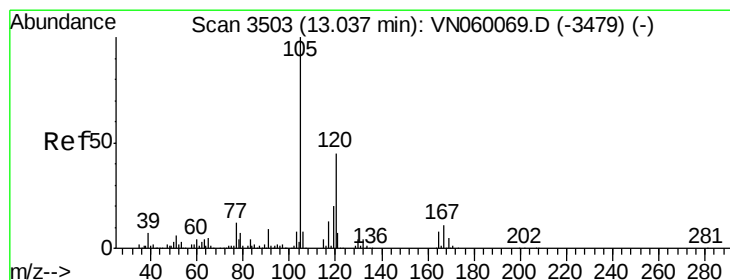
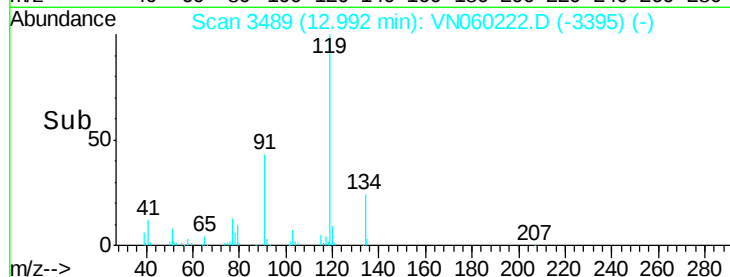
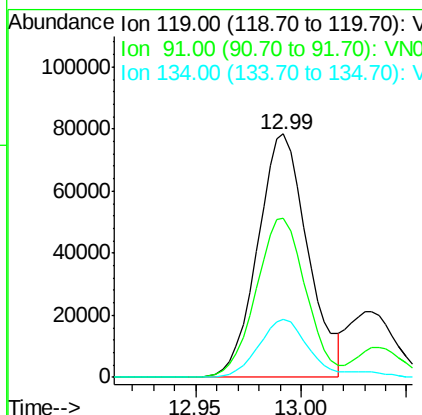
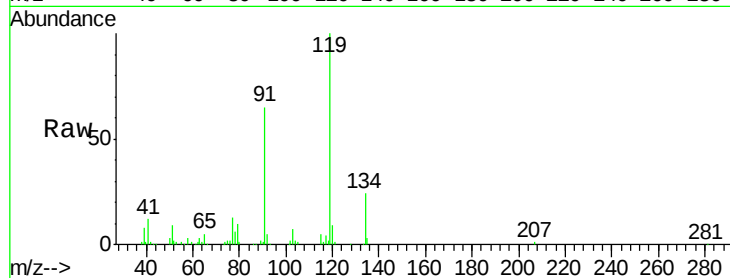
#83  
tert-Butylbenzene  
Concen: 18.037 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 129393 |       |       |
| 91      | 65.5  | 32.7   | 98.1  |       |
| 134     | 23.5  | 12.9   | 38.7  |       |

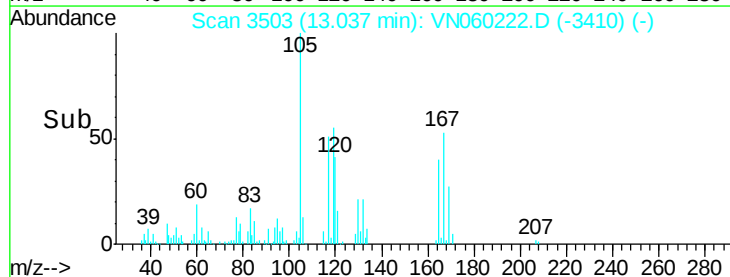
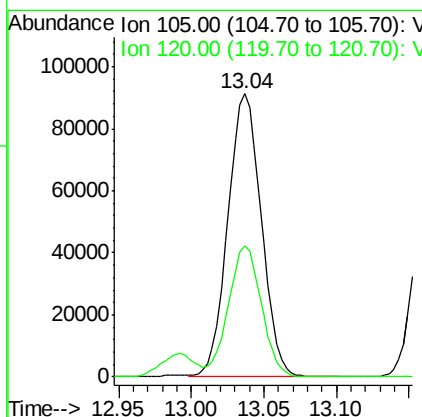
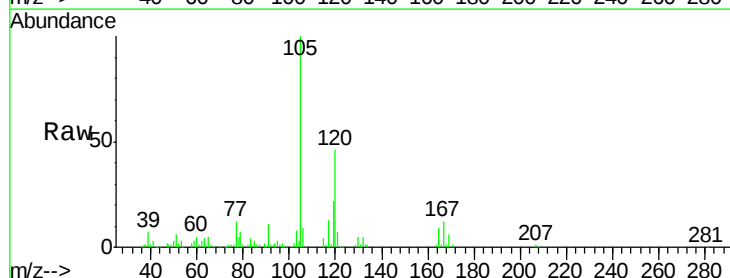
Manual Integrations  
APPROVED

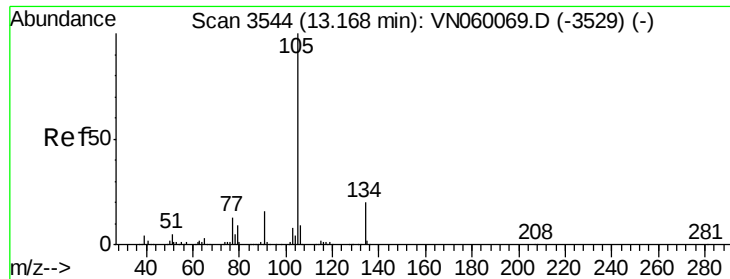
MMDadoda  
2/26/2020 10:45:05 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 18.245 ug/l  
RT: 13.04 min Scan# 3503  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 146050 |       |       |
| 120     | 45.7  | 22.4   | 67.3  |       |





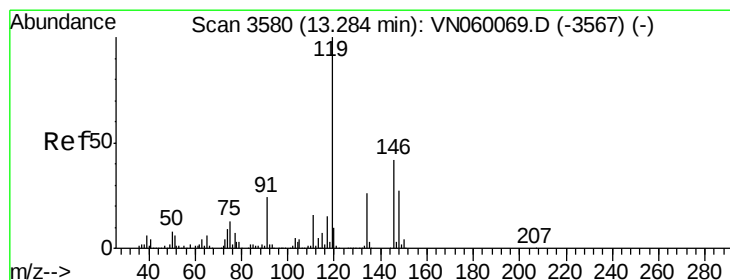
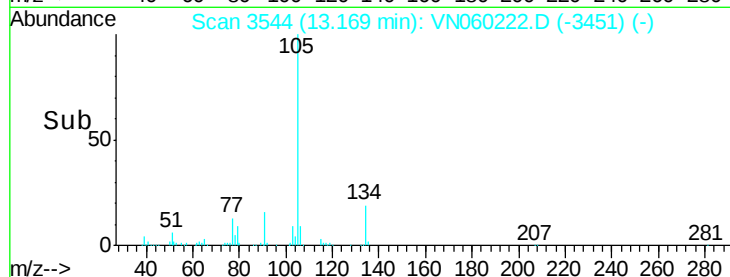
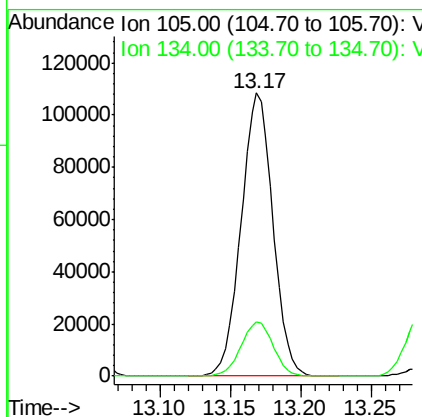
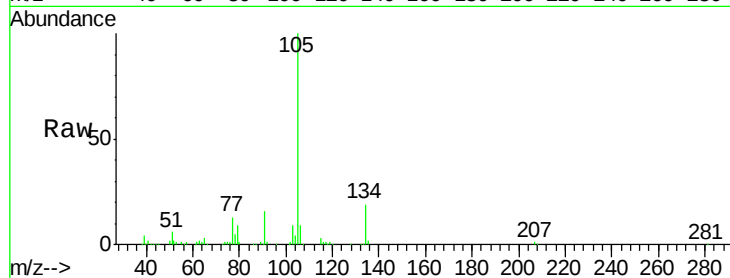
#85  
 sec-Butylbenzene  
 Concen: 18.036 ug/l  
 RT: 13.17 min Scan# 3544  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.3  | 9.9   | 29.7  |

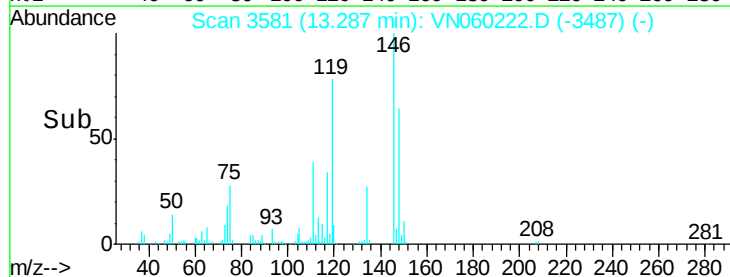
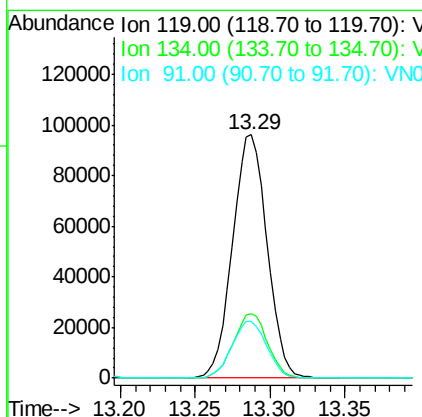
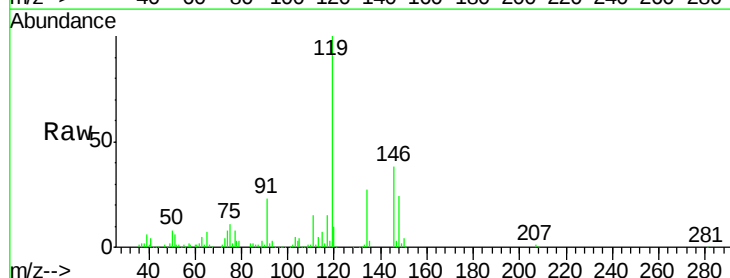
Manual Integrations  
 APPROVED

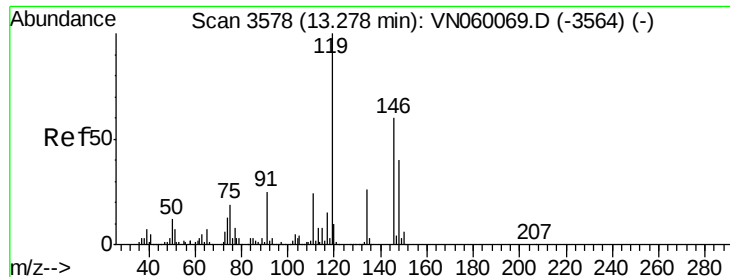
MMDadoda  
 2/26/2020 10:45:05 AM



#86  
 p-Isopropyltoluene  
 Concen: 17.933 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.4  | 13.3  | 39.8  |
| 91      | 23.7  | 11.9  | 35.9  |





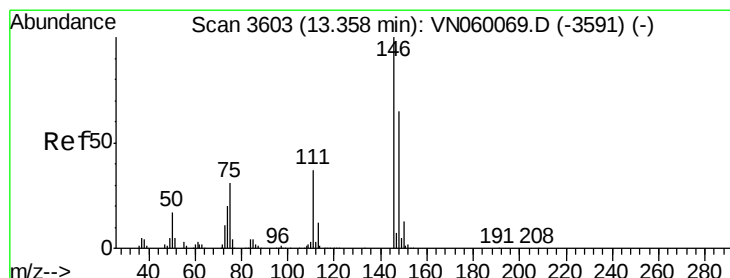
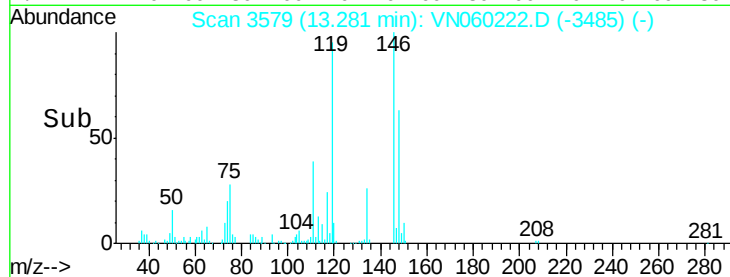
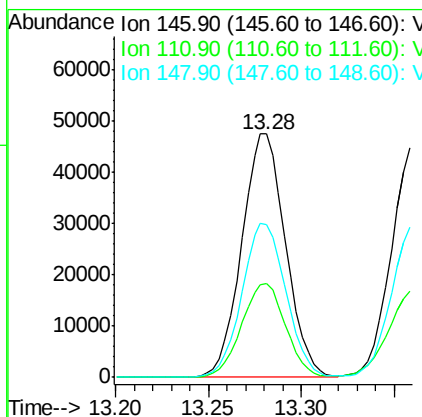
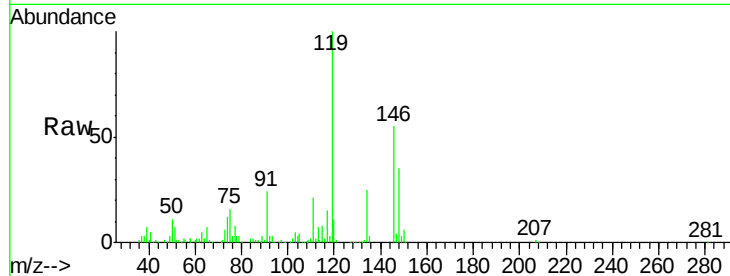
#87  
 1,3-Dichlorobenzene  
 Concen: 18.142 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.8  | 59.3  |
| 148     | 63.5  | 32.0  | 96.2  |

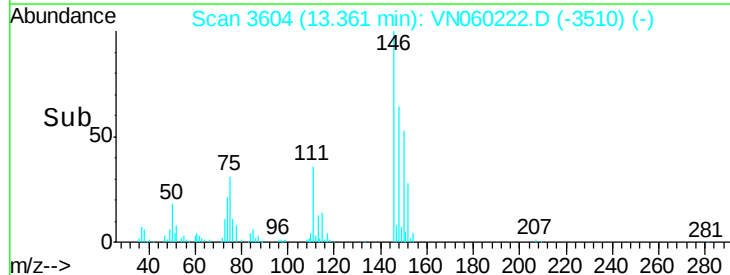
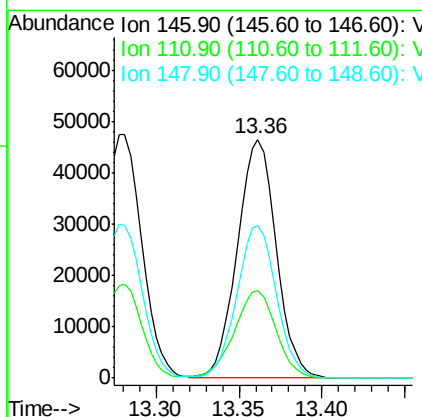
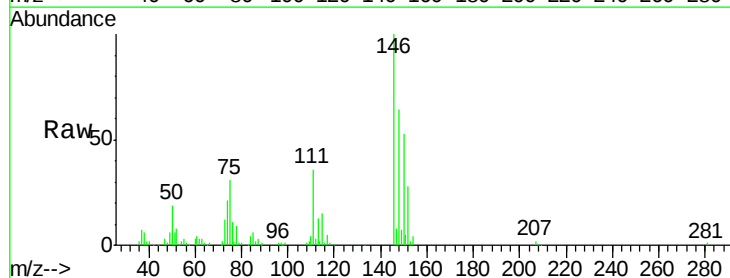
Manual Integrations  
 APPROVED

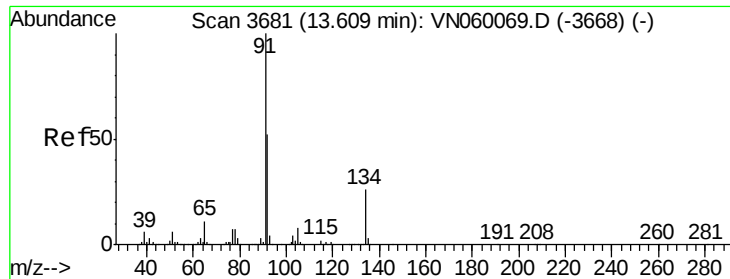
MMDadoda  
 2/26/2020 10:45:05 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 17.739 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN060222.D  
 Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.3  | 18.9  | 56.5  |
| 148     | 65.2  | 32.0  | 96.0  |





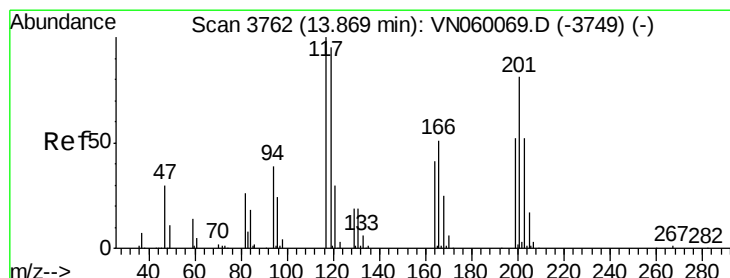
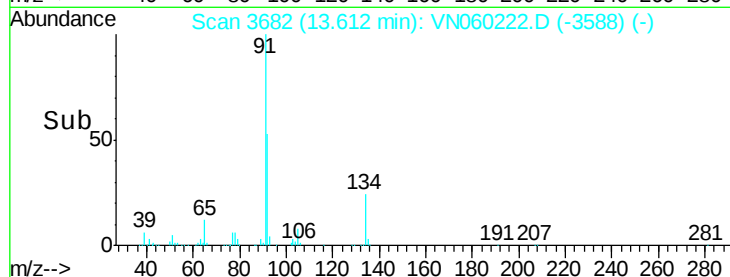
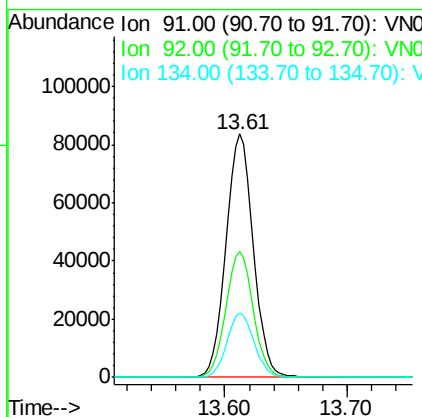
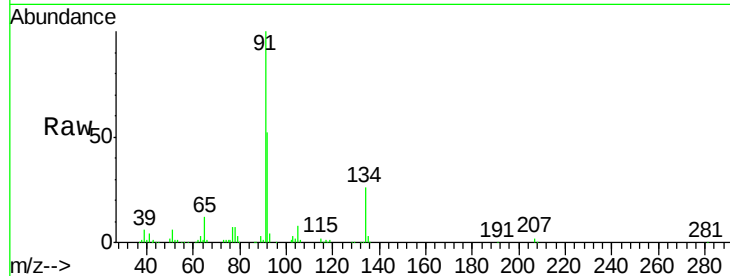
#89  
n-Butylbenzene  
Concen: 17.329 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.8  | 26.1  | 78.2  |
| 134     | 26.3  | 13.1  | 39.3  |

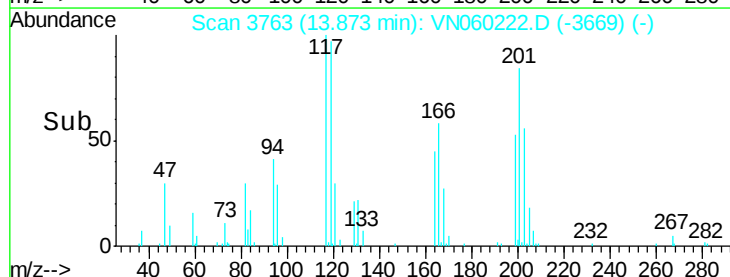
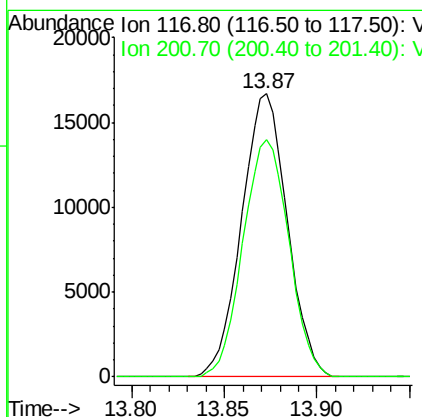
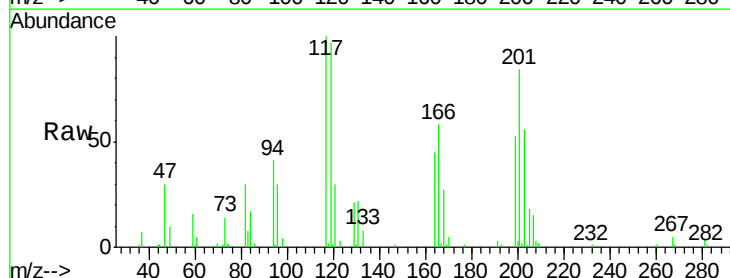
Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#90  
Hexachloroethane  
Concen: 17.736 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 84.3  | 41.7  | 125.1 |





#91

1,2-Dichlorobenzene

Concen: 17.816 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

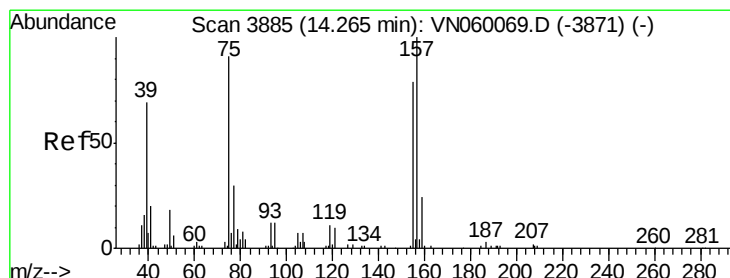
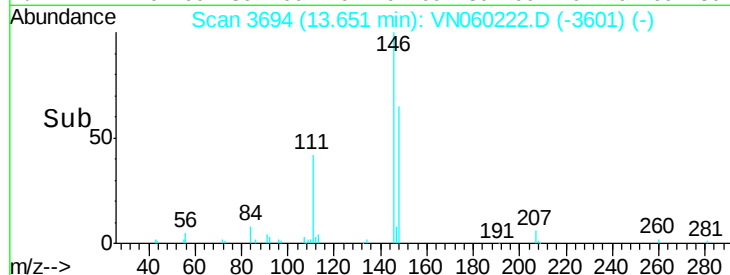
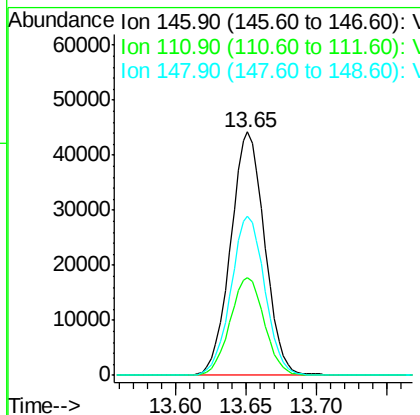
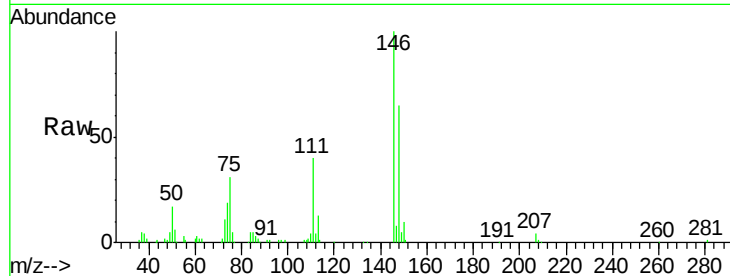
ClientSampleId :

VN0225WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 74705 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 40.5  | 20.1  | 60.2  |
| 148       | 65.0  | 31.9  | 95.5  |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.019 ug/l

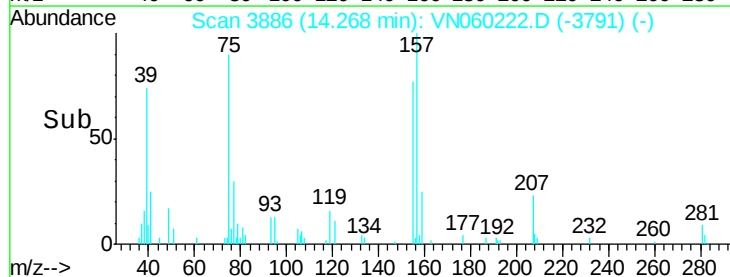
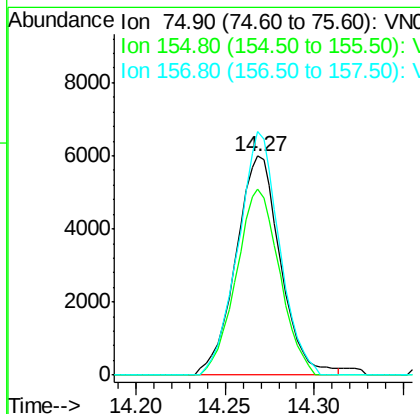
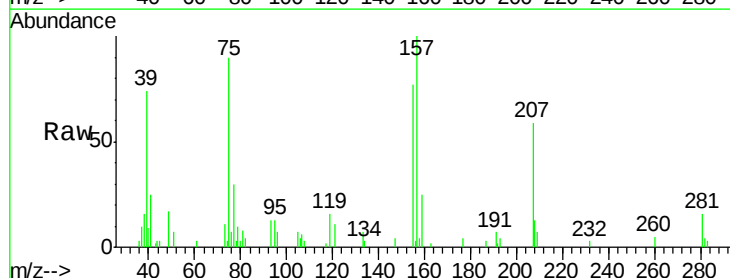
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 10463 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 82.0  | 43.0  | 129.0 |
| 157       | 103.3 | 54.9  | 164.5 |





#93

1,2,4-Trichlorobenzene

Concen: 17.177 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA\_N

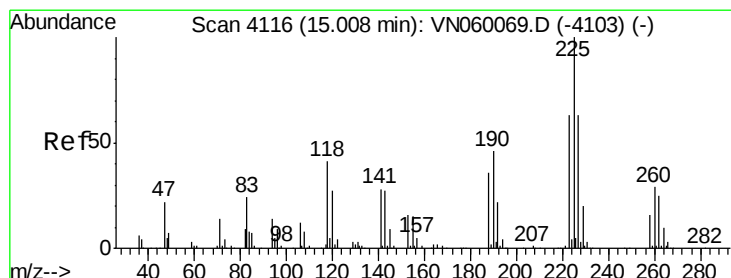
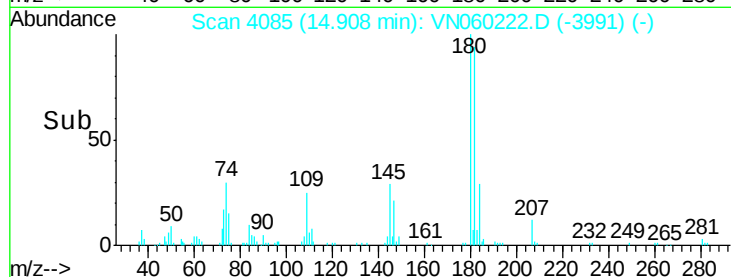
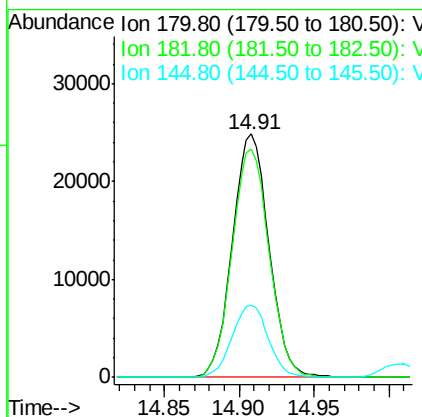
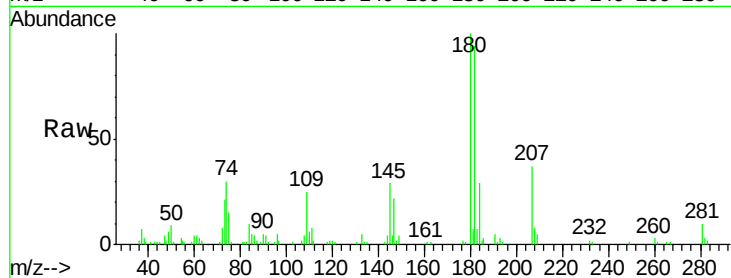
ClientSampleId :

VN0225WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 42318 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.1  | 47.9  | 143.8 |
| 145       | 29.2  | 15.2  | 45.5  |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#94

Hexachlorobutadiene

Concen: 17.629 ug/l

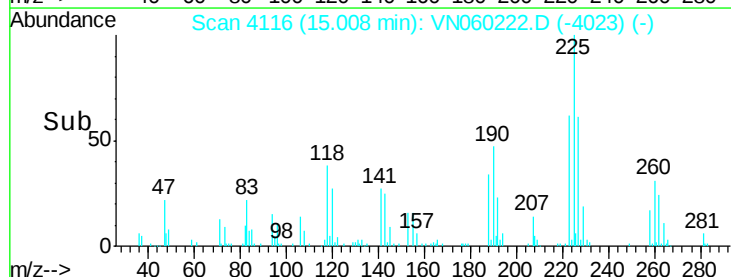
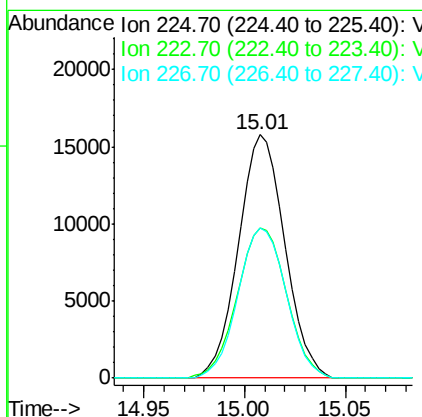
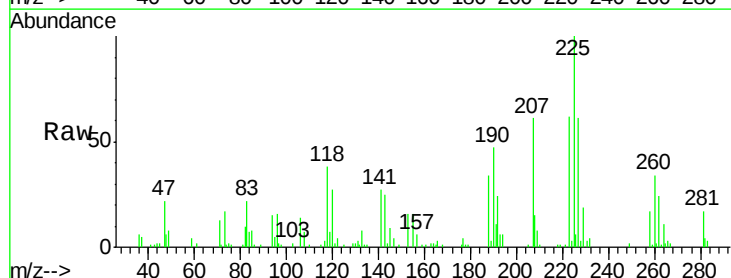
RT: 15.01 min Scan# 4116

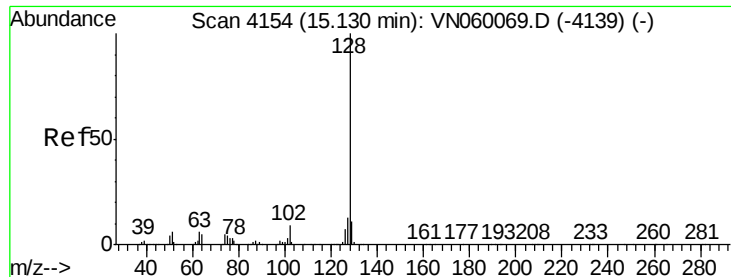
Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 25426 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 65.5  | 31.5  | 94.5  |
| 227       | 64.1  | 31.8  | 95.4  |





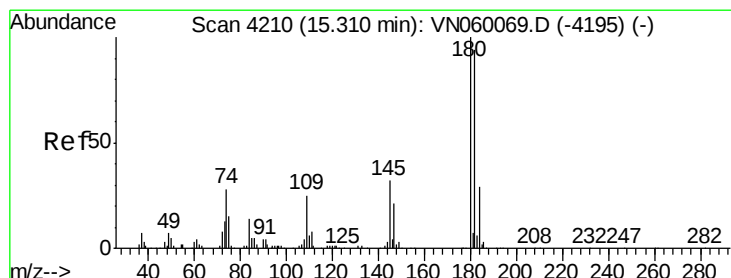
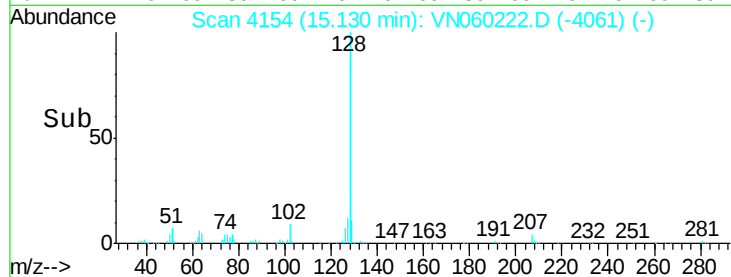
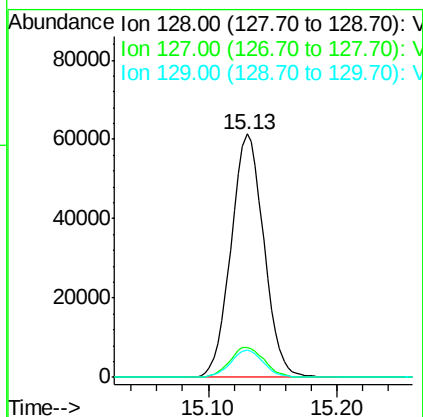
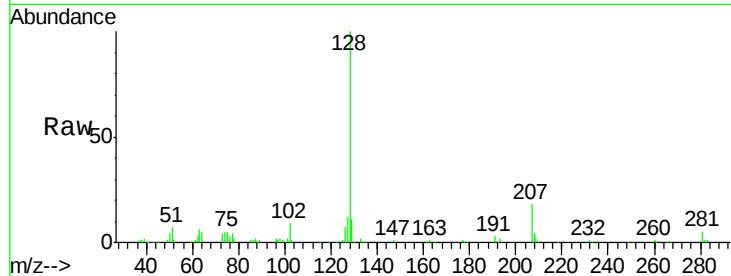
#95  
Naphthalene  
Concen: 16.330 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0225WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.3  | 15.5  |
| 129     | 11.1  | 8.6   | 13.0  |

Manual Integrations  
APPROVED

MMDadoda  
2/26/2020 10:45:05 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 17.300 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. 0.00 min  
Lab File: VN060222.D  
Acq: 25 Feb 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 47.5  | 142.5 |
| 145     | 32.1  | 16.1  | 48.3  |

