

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\  
 Data File : VN064510.D  
 Acq On : 9 Nov 2020 16:43  
 Operator : JC/MD  
 Sample : VN1109WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/10/2020 1:10:40 PM

Quant Time: Nov 10 03:47:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 09 13:16:36 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.15  | 128  | 64626    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.55  | 114  | 352146   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.38 | 117  | 326545   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 7.99   | 65    | 175596   | 30.69    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 91 - 110 | Recovery | =    | 102.30% |
| 60) 4-Bromofluorobenzene  | 12.38  | 95    | 166229   | 29.72    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 63 - 112 | Recovery | =    | 99.07%  |
| 63) Toluene-d8            | 10.06  | 98    | 455154   | 29.89    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 91 - 112 | Recovery | =    | 99.63%  |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.84 | 85  | 91136  | 21.056  | ug/l 96    |
| 3) Chloromethane              | 2.04 | 50  | 100999 | 20.450  | ug/l 100   |
| 4) Vinyl Chloride             | 2.17 | 62  | 104760 | 19.577  | ug/l 97    |
| 5) Bromomethane               | 2.54 | 94  | 70012  | 19.991  | ug/l 88    |
| 6) Chloroethane               | 2.68 | 64  | 68999  | 20.648  | ug/l 97    |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 163417 | 21.089  | ug/l 98    |
| 8) Diethyl Ether              | 3.38 | 74  | 57434  | 20.754  | ug/l 97    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 77204  | 21.169  | ug/l # 79  |
| 10) 1,1-Dichloroethene        | 3.69 | 96  | 72047  | 20.651  | ug/l 95    |
| 11) Methyl Iodide             | 3.91 | 142 | 84851  | 19.728  | ug/l 99    |
| 12) Methyl Acetate            | 4.29 | 43  | 82913  | 19.493  | ug/l 100   |
| 13) Acrolein                  | 3.57 | 56  | 48721  | 113.265 | ug/l 100   |
| 14) Acrylonitrile             | 4.94 | 53  | 182834 | 96.646  | ug/l 99    |
| 15) Acetone                   | 3.78 | 58  | 56700  | 90.817  | ug/l 93    |
| 16) Carbon Disulfide          | 4.01 | 76  | 212791 | 20.098  | ug/l 98    |
| 17) Allyl chloride            | 4.28 | 41  | 132044 | 20.144  | ug/l 97    |
| 18) Methylene Chloride        | 4.50 | 84  | 82786  | 19.983  | ug/l 97    |
| 19) trans-1,2-Dichloroethene  | 4.99 | 96  | 80550  | 20.372  | ug/l 95    |
| 20) Diisopropyl ether         | 5.90 | 45  | 287131 | 20.118  | ug/l 96    |
| 21) 1,1-Dichloroethane        | 5.79 | 63  | 164730 | 20.988  | ug/l 98    |
| 22) cis-1,2-Dichloroethene    | 6.78 | 96  | 91257  | 20.364  | ug/l 93    |
| 23) tert-Butyl Alcohol        | 4.75 | 59  | 65078  | 100.465 | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 5.00 | 73  | 249090 | 20.186  | ug/l # 71  |
| 25) Chloroform                | 7.33 | 83  | 171889 | 20.841  | ug/l 99    |
| 26) Cyclohexane               | 7.61 | 56  | 120562 | 19.896  | ug/l # 99  |
| 29) 1,1-Dichloropropene       | 7.75 | 75  | 121780 | 19.927  | ug/l 97    |
| 30) 2-Butanone                | 6.79 | 43  | 275767 | 91.159  | ug/l # 76  |
| 31) 2,2-Dichloropropane       | 6.78 | 77  | 147663 | 20.342  | ug/l 98    |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 149069 | 19.887  | ug/l 99    |
| 33) Carbon Tetrachloride      | 7.73 | 117 | 132772 | 19.834  | ug/l 94    |
| 34) Benzene                   | 8.00 | 78  | 350836 | 19.827  | ug/l 97    |
| 35) Methacrylonitrile         | 7.12 | 41  | 46447m | 16.412  | ug/l       |
| 36) 1,2-Dichloroethane        | 8.08 | 62  | 144960 | 19.963  | ug/l 99    |
| 37) Trichloroethene           | 8.80 | 130 | 90824  | 20.301  | ug/l 100   |
| 38) Methylcyclohexane         | 9.05 | 83  | 108665 | 19.659  | ug/l 99    |
| 39) 1,2-Dichloropropane       | 9.08 | 63  | 95652  | 20.118  | ug/l 100   |
| 40) Dibromomethane            | 9.17 | 93  | 64595  | 20.139  | ug/l 98    |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN1109WBS01

Manual Integrations  
 APPROVED

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 11/10/2020 1:10:40 PM

Quant Time: Nov 10 03:47:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 09 13:16:36 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Bromodichloromethane       | 9.37  | 83   | 135599   | 19.506  | ug/l  | 100      |
| 42) Vinyl Acetate              | 5.85  | 43   | 1172019  | 96.777  | ug/l  | 100      |
| 43) Ethyl Acetate              | 6.89  | 43   | 113640   | 19.306  | ug/l  | 95       |
| 44) Isopropyl Acetate          | 8.13  | 43   | 188344   | 18.536  | ug/l  | 97       |
| 45) 1,4-Dioxane                | 9.17  | 88   | 27098    | 380.433 | ug/l  | 99       |
| 46) Methyl methacrylate        | 9.17  | 41   | 93902    | 18.582  | ug/l  | 96       |
| 47) n-amyl Acetate             | 12.04 | 43   | 158529   | 18.035  | ug/l  | 99       |
| 48) t-1,3-Dichloropropene      | 10.35 | 75   | 139639   | 18.955  | ug/l  | 100      |
| 49) cis-1,3-Dichloropropene    | 9.81  | 75   | 148337   | 19.164  | ug/l  | 100      |
| 50) 1,1,2-Trichloroethane      | 10.53 | 97   | 85618    | 19.470  | ug/l  | 97       |
| 51) Ethyl methacrylate         | 10.40 | 69   | 118462   | 18.799  | ug/l  | 96       |
| 52) 1,3-Dichloropropane        | 10.68 | 76   | 148696   | 19.683  | ug/l  | 100      |
| 53) Dibromochloromethane       | 10.87 | 129  | 98096    | 19.479  | ug/l  | 99       |
| 54) 1,2-Dibromoethane          | 10.98 | 107  | 87336    | 19.417  | ug/l  | 98       |
| 55) 2-Chloroethyl vinyl ether  | 9.67  | 63   | 284510   | 86.275  | ug/l  | 99       |
| 56) Bromoform                  | 12.10 | 173  | 61634    | 18.650  | ug/l  | 99       |
| 58) 4-Methyl-2-Pentanone       | 9.95  | 43   | 581789   | 97.019  | ug/l  | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 417303   | 92.393  | ug/l  | 97       |
| 61) Tetrachloroethene          | 10.60 | 164  | 83618    | 20.486  | ug/l  | 98       |
| 62) Toluene                    | 10.13 | 91   | 386707   | 20.165  | ug/l  | 100      |
| 64) Chlorobenzene              | 11.41 | 112  | 227539   | 19.961  | ug/l  | 95       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 90486    | 20.306  | ug/l  | 98       |
| 66) Ethyl Benzene              | 11.48 | 91   | 413781   | 19.993  | ug/l  | 99       |
| 67) m/p-Xylenes                | 11.59 | 106  | 298965   | 39.137  | ug/l  | 96       |
| 68) o-Xylene                   | 11.92 | 106  | 143886   | 19.904  | ug/l  | 97       |
| 69) Styrene                    | 11.94 | 104  | 242242   | 19.567  | ug/l  | 100      |
| 70) Isopropylbenzene           | 12.22 | 105  | 377396   | 19.945  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 115939   | 19.133  | ug/l  | 96       |
| 72) 1,2,3-Trichloropropane     | 12.53 | 75   | 115796m  | 19.162  | ug/l  |          |
| 73) Bromobenzene               | 12.50 | 156  | 91598    | 19.569  | ug/l  | 96       |
| 74) n-propylbenzene            | 12.57 | 91   | 443992   | 19.949  | ug/l  | 99       |
| 75) 2-Chlorotoluene            | 12.65 | 91   | 280412   | 20.039  | ug/l  | 98       |
| 76) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 319398   | 19.996  | ug/l  | 98       |
| 77) t-1,4-Dichloro-2-butene    | 12.28 | 75   | 40014    | 18.161  | ug/l  | 93       |
| 78) 4-Chlorotoluene            | 12.75 | 91   | 292933   | 19.922  | ug/l  | 99       |
| 79) tert-butylbenzene          | 12.97 | 119  | 248728   | 19.842  | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 324929   | 20.187  | ug/l  | 98       |
| 81) sec-Butylbenzene           | 13.15 | 105  | 333206   | 20.053  | ug/l  | 99       |
| 82) p-Isopropyltoluene         | 13.26 | 119  | 297263   | 20.025  | ug/l  | 98       |
| 83) 1,3-Dichlorobenzene        | 13.26 | 146  | 160700   | 19.516  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene        | 13.34 | 146  | 154184   | 18.826  | ug/l  | 97       |
| 85) n-Butylbenzene             | 13.59 | 91   | 250484   | 19.463  | ug/l  | 98       |
| 86) Hexachloroethane           | 13.85 | 117  | 57165    | 19.325  | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene        | 13.63 | 146  | 158521   | 19.766  | ug/l  | 98       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 24987    | 19.087  | ug/l  | 93       |
| 89) 1,2,4-Trichlorobenzene     | 14.88 | 180  | 68683    | 18.862  | ug/l  | 91       |
| 90) Hexachlorobutadiene        | 14.98 | 225  | 36253    | 19.989  | ug/l  | 100      |
| 91) Naphthalene                | 15.10 | 128  | 198486   | 16.477  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene     | 15.29 | 180  | 65908    | 17.885  | ug/l  | 96       |

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Data File : VN064510.D  
Acq On : 9 Nov 2020 16:43  
Operator : JC/MD  
Sample : VN1109WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

Manual Integrations  
APPROVED

MMDadoda  
11/10/2020 1:10:40 PM

Quant Time: Nov 10 03:47:17 2020  
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Nov 09 13:16:36 2020  
Response via : Initial Calibration

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

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

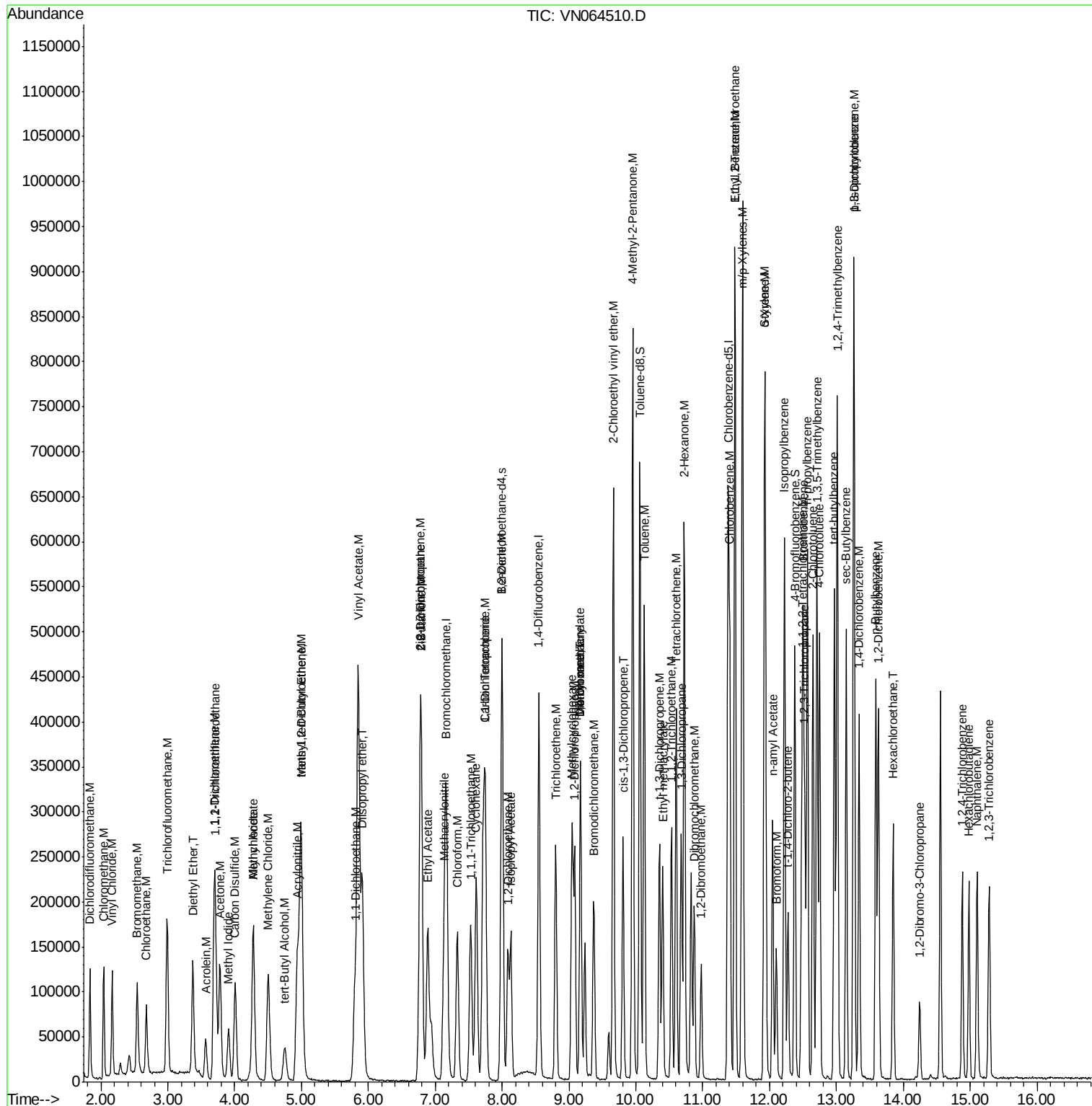
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Data File : VN064510.D  
Acq On : 9 Nov 2020 16:43  
Operator : JC/MD  
Sample : VN1109WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 9 Sample Multiplier: 1

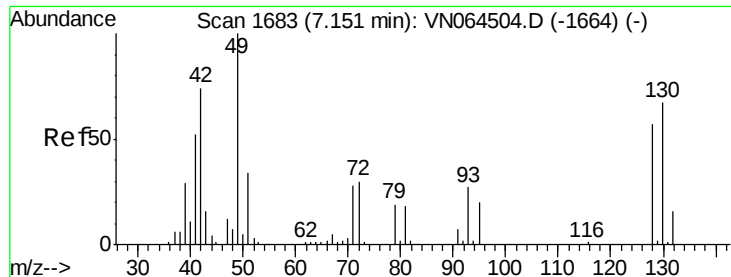
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MSVOA\_N  
ClientSampleId :  
VN1109WBS01

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11/10/2020 1:10:40 PM

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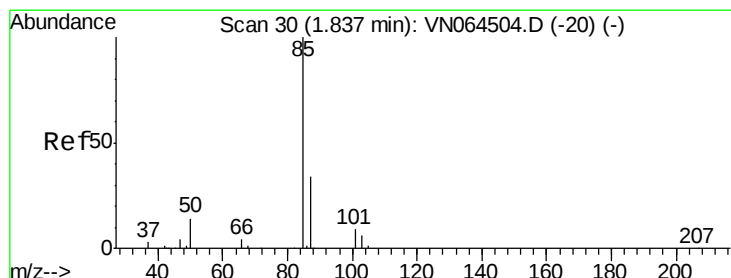
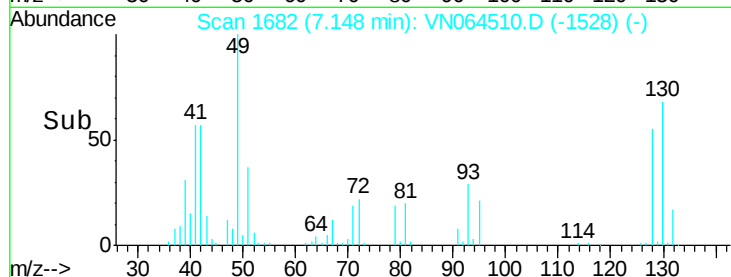
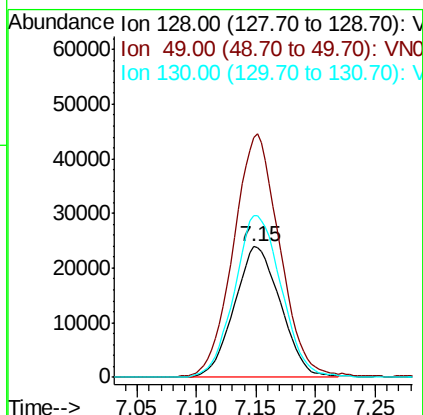
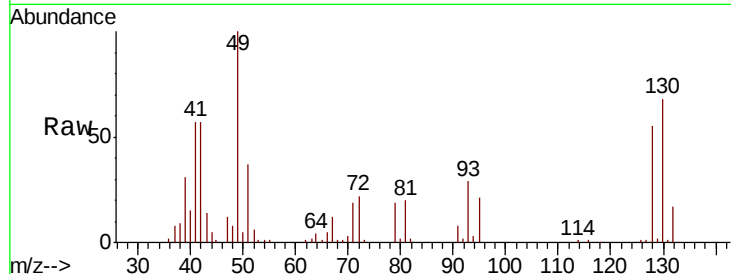
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Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.15 min Scan# 1682  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 184.0 | 0.0   | 475.5 |
| 130     | 125.3 | 0.0   | 315.3 |

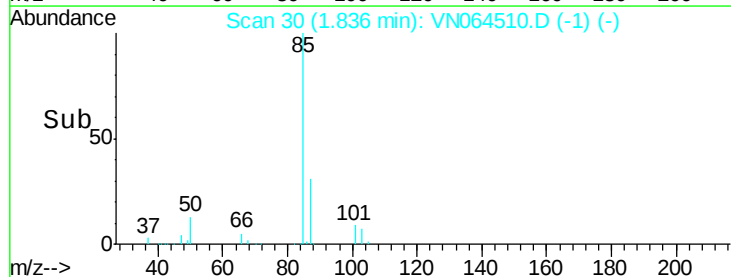
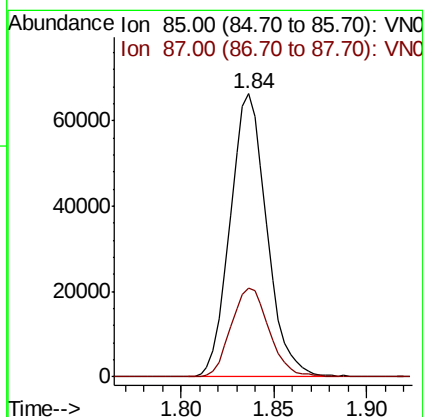
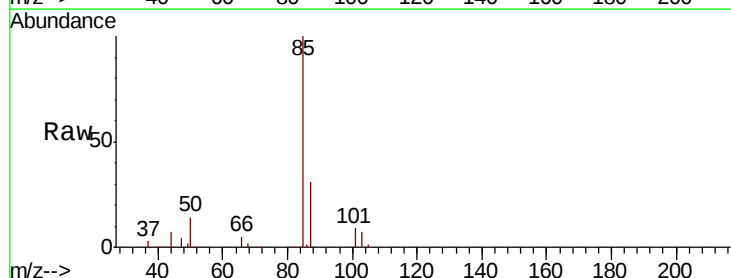
Manual Integrations  
APPROVED

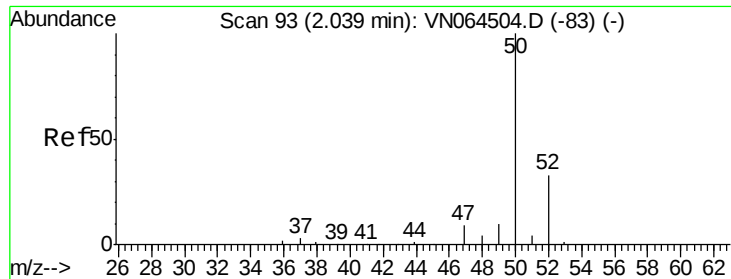
MMDadoda  
11/10/2020 1:10:40 PM



#2  
Dichlorodifluoromethane  
Concen: 21.056 ug/l  
RT: 1.84 min Scan# 30  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 31.5  | 17.0  | 50.9  |





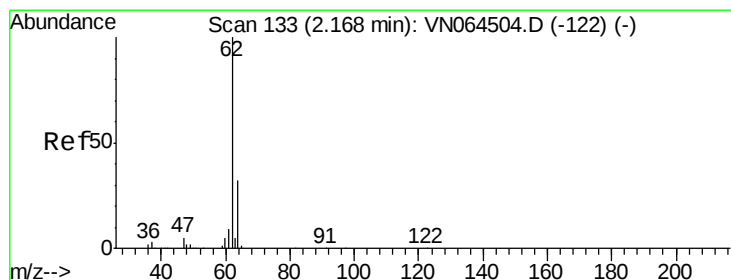
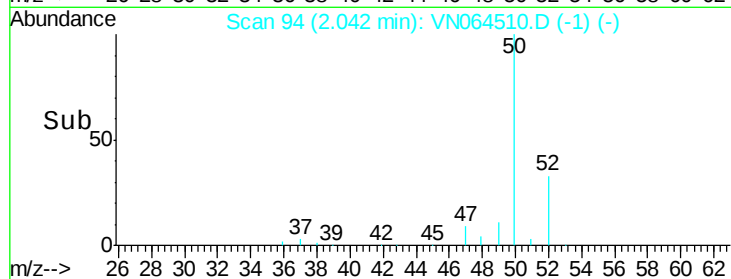
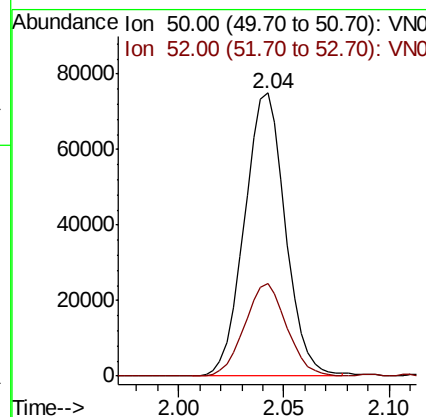
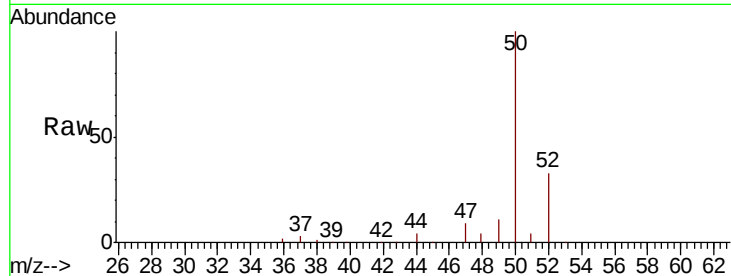
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Chloromethane  
Concen: 20.450 ug/l  
RT: 2.04 min Scan# 94  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

Tot Ion: 50 Resp: 100999  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.0 39.0

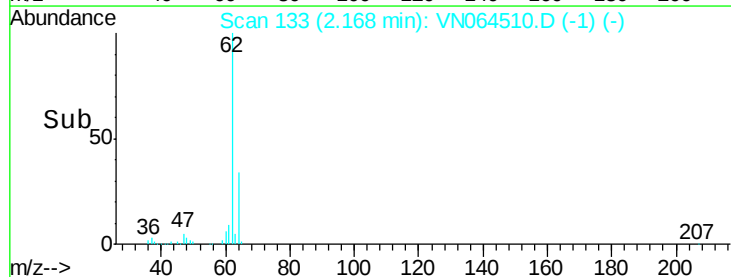
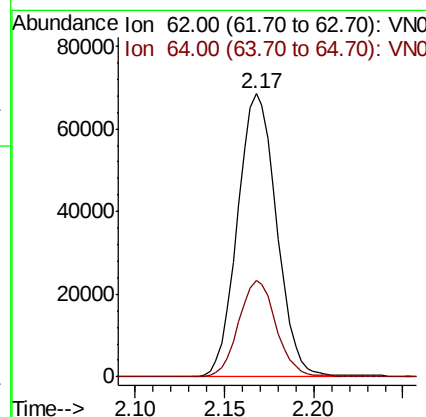
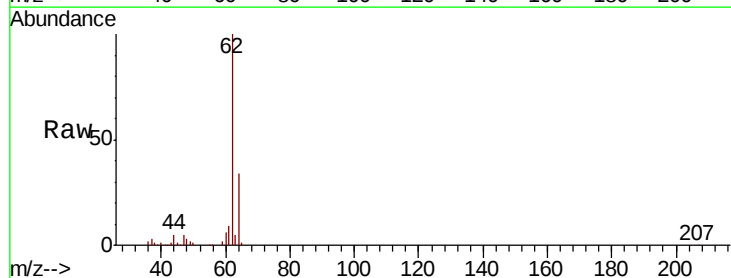
Manual Integrations  
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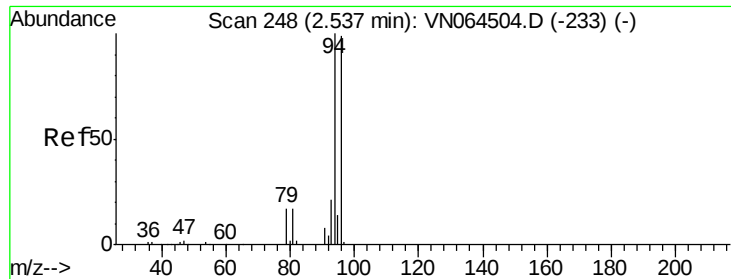
MMDadoda  
11/10/2020 1:10:40 PM



#4  
Vinyl Chloride  
Concen: 19.577 ug/l  
RT: 2.17 min Scan# 133  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Tgt Ion: 62 Resp: 104760  
Ion Ratio Lower Upper  
62 100  
64 33.9 25.8 38.8





#5

Bromomethane

Concen: 19.991 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion: 94 Resp: 70012

Ion Ratio Lower Upper

94 100

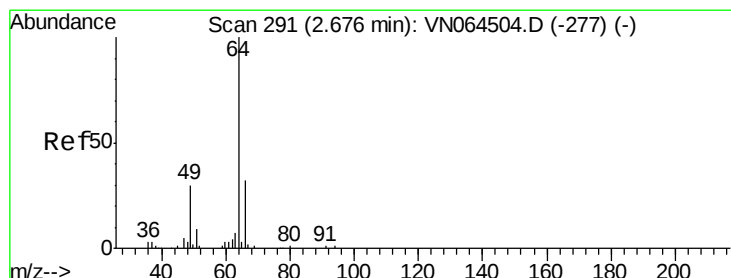
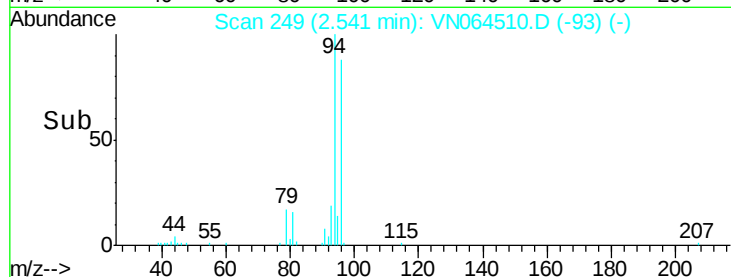
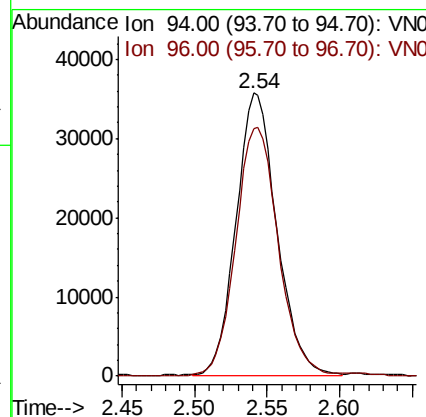
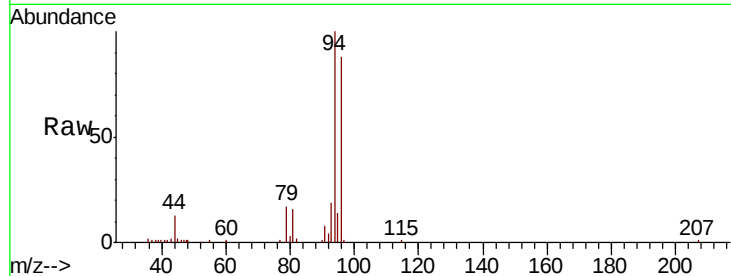
96 87.3 79.3 118.9

Manual Integrations

APPROVED

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11/10/2020 1:10:40 PM



#6

Chloroethane

Concen: 20.648 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064510.D

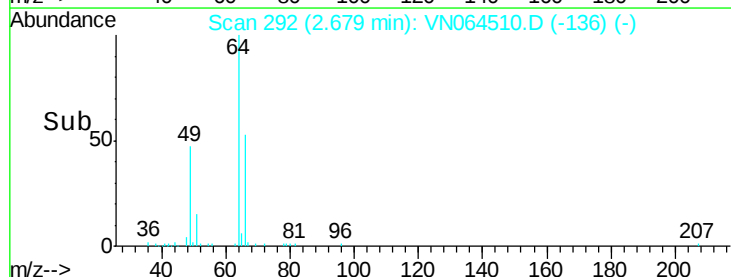
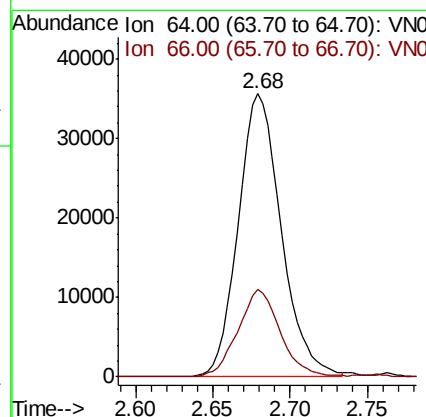
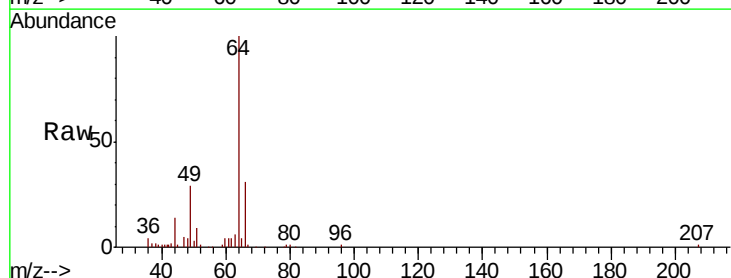
Acq: 9 Nov 2020 16:43

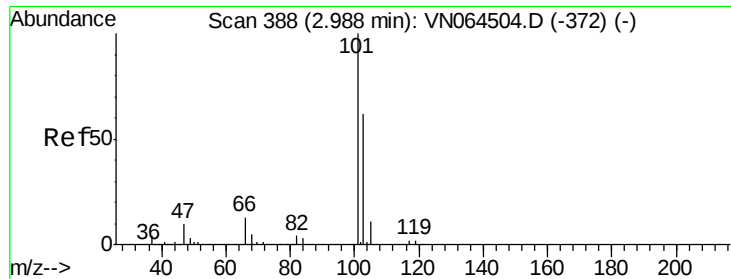
Tgt Ion: 64 Resp: 68999

Ion Ratio Lower Upper

64 100

66 30.8 26.0 39.0





#7

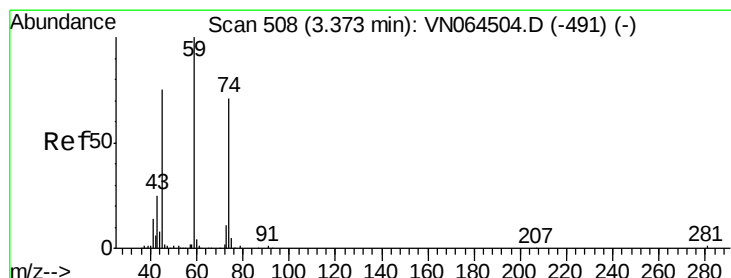
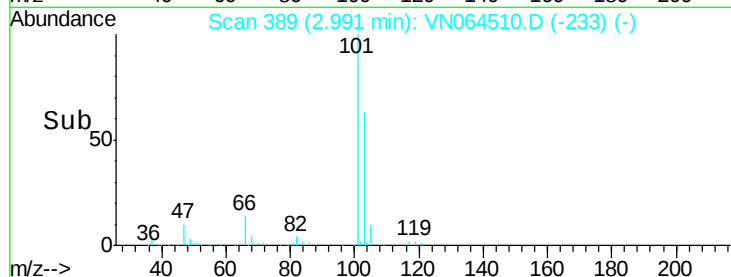
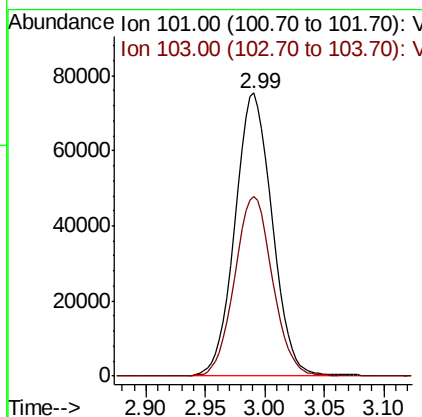
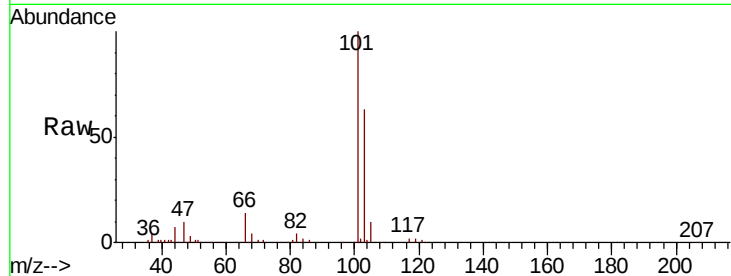
Trichlorofluoromethane  
Concen: 21.089 ug/l  
RT: 2.99 min Scan# 389  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.4  | 49.3  | 73.9  |

Manual Integrations  
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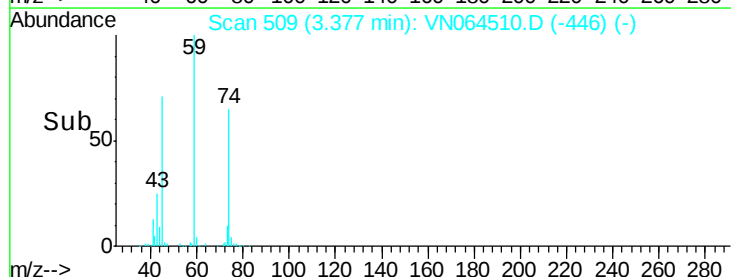
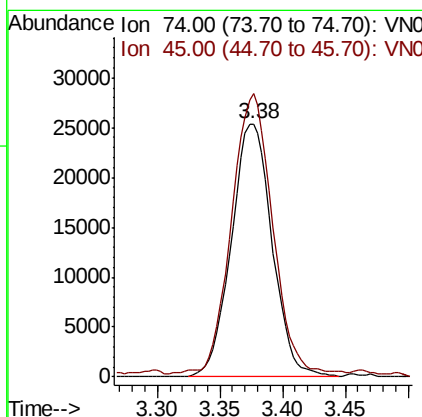
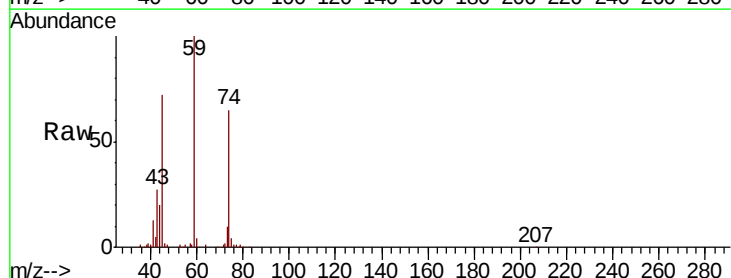
MMDadoda  
11/10/2020 1:10:40 PM

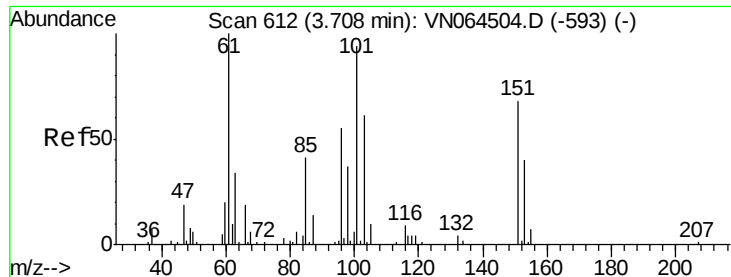


#8

Diethyl Ether  
Concen: 20.754 ug/l  
RT: 3.38 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 106.7 | 22.1  | 198.5 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.169 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

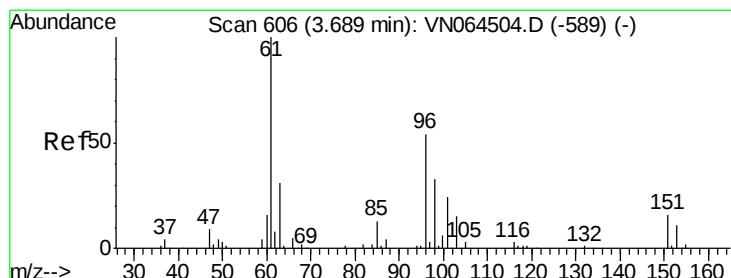
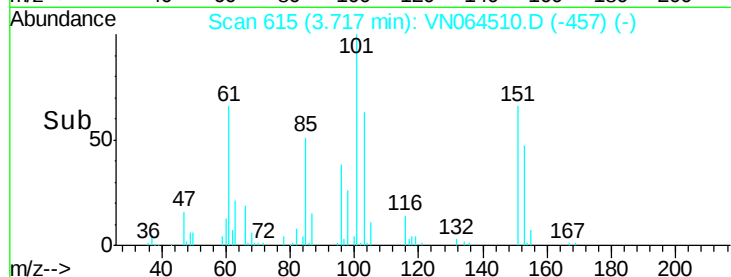
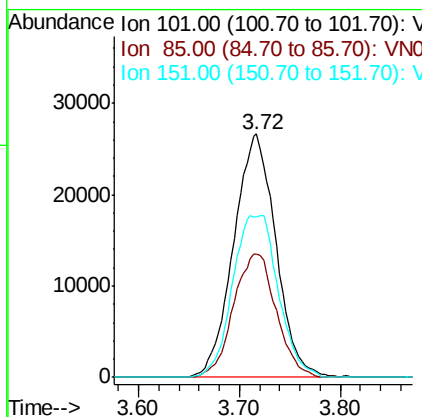
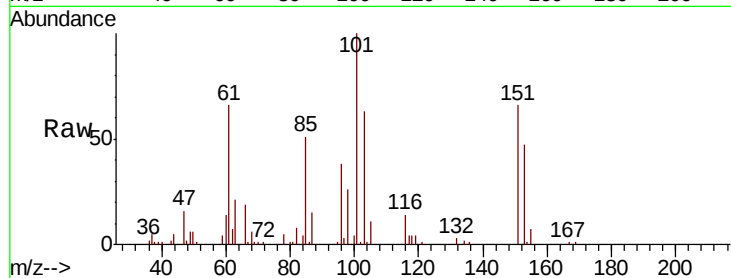
ClientSampleId :

VN1109WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 77204 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 51.4  | 0.0   | 49.0# |
| 151       | 39.9  | 0.0   | 80.2  |

Manual Integrations  
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11/10/2020 1:10:40 PM



#10

1,1-Dichloroethene

Concen: 20.651 ug/l

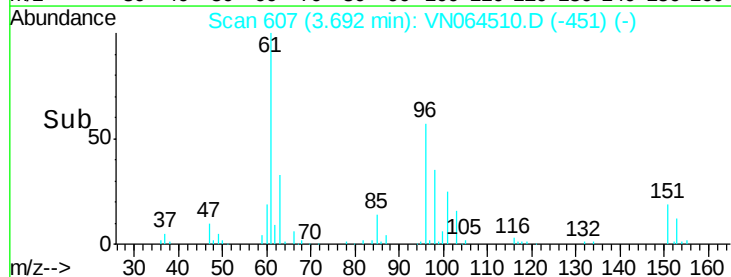
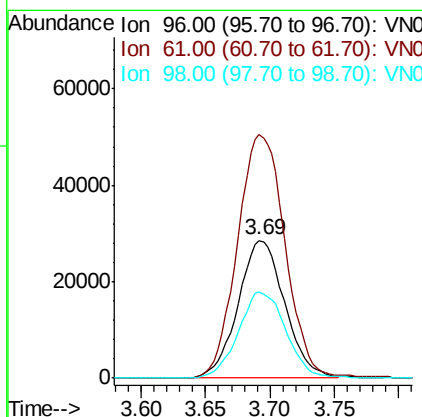
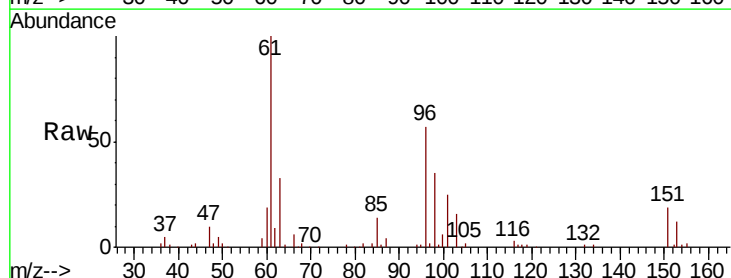
RT: 3.69 min Scan# 607

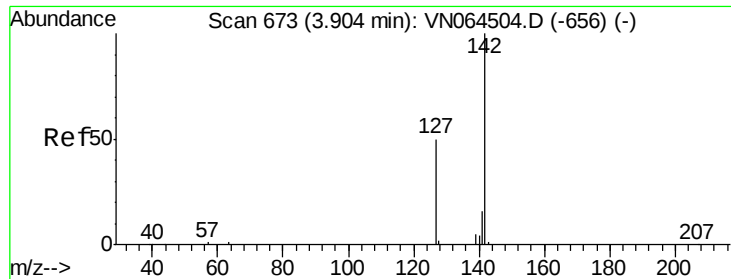
Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 72047 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 176.6 | 149.2 | 223.8 |
| 98        | 62.2  | 49.6  | 74.4  |





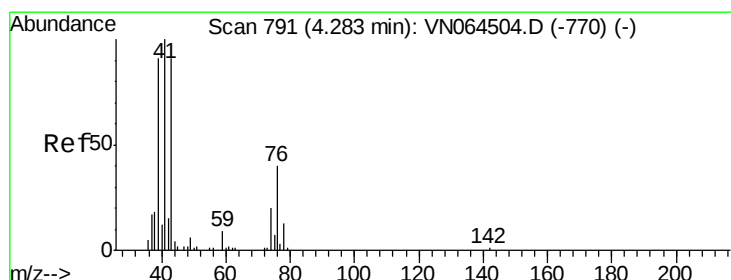
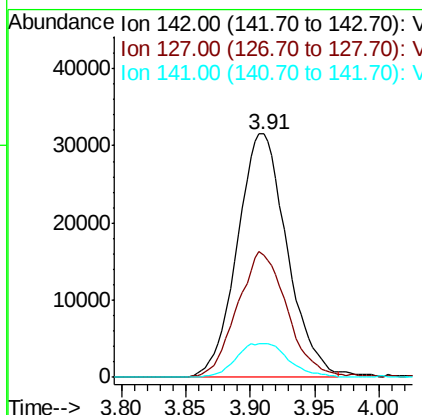
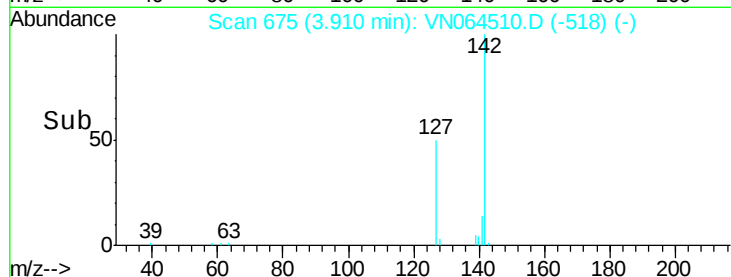
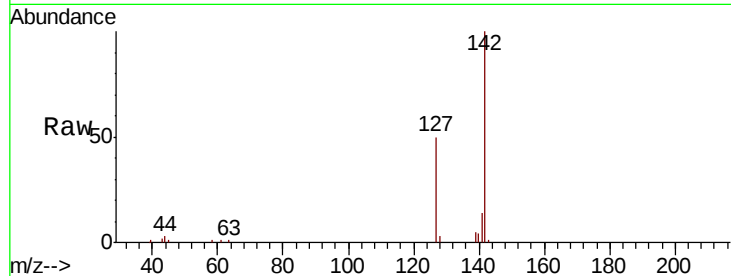
#11  
Methvl Iodide  
Concen: 19.728 ug/l  
RT: 3.91 min Scan# 675  
Delta R.T. 0.01 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 50.0  | 24.7  | 74.1  |
| 141     | 14.2  | 7.8   | 23.3  |

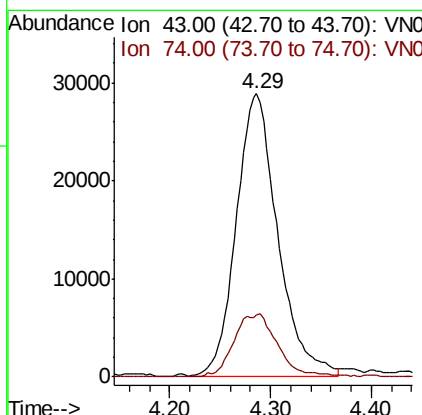
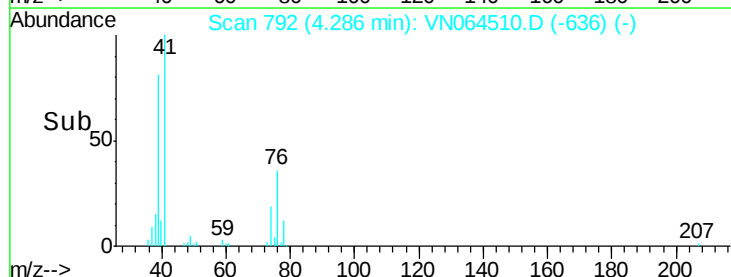
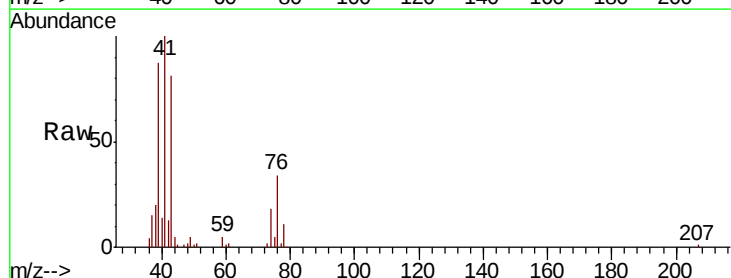
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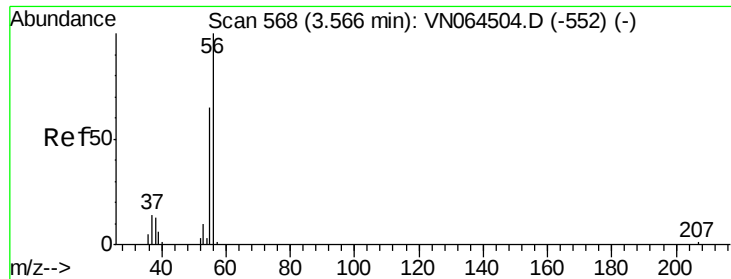
MMDadoda  
11/10/2020 1:10:40 PM



#12  
Methyl Acetate  
Concen: 19.493 ug/l  
RT: 4.29 min Scan# 792  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.0  | 17.7  | 26.5  |





#13

Acrolein

Concen: 113.265 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion: 56 Resp: 48721

Ion Ratio Lower Upper

56 100

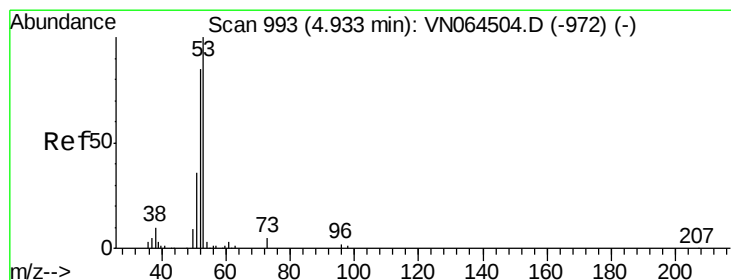
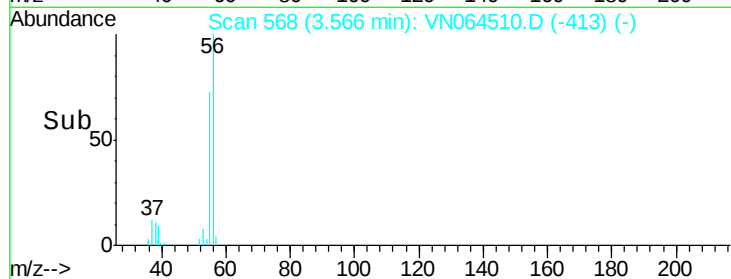
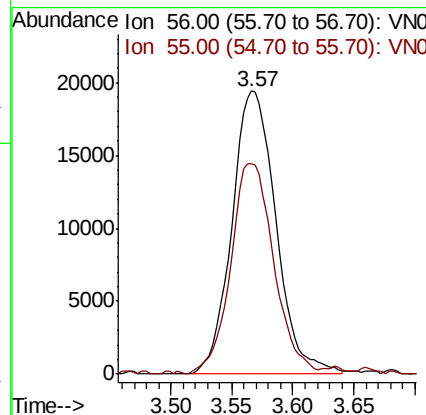
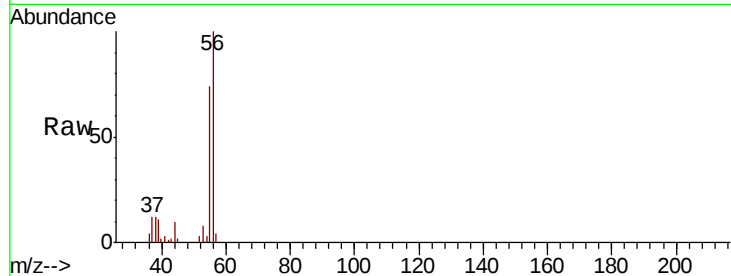
55 72.9 58.2 87.2

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11/10/2020 1:10:40 PM



#14

Acrylonitrile

Concen: 96.646 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

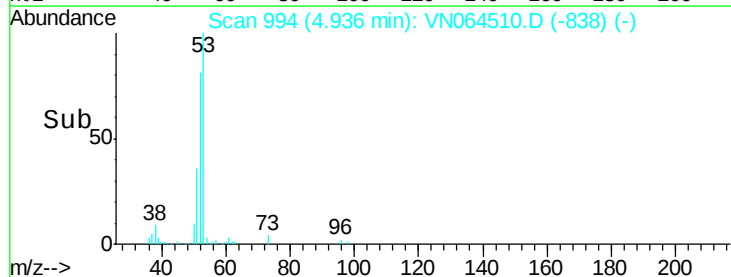
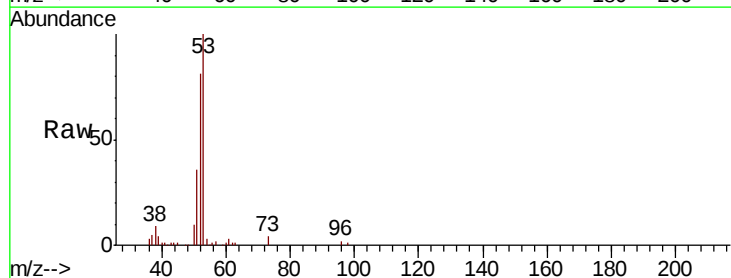
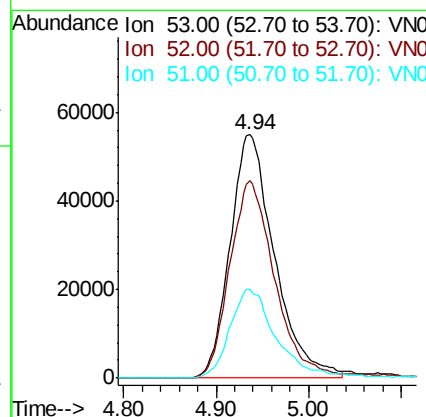
Tgt Ion: 53 Resp: 182834

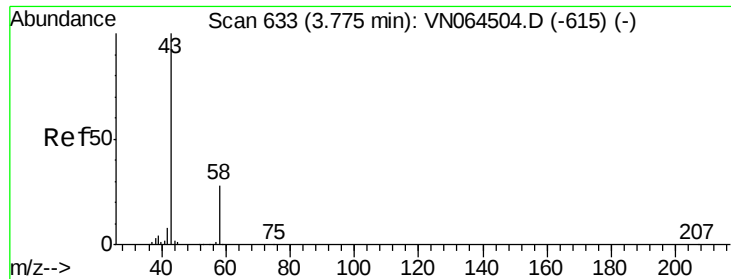
Ion Ratio Lower Upper

53 100

52 81.5 41.3 124.1

51 36.7 18.9 56.5





#15

Acetone

Concen: 90.817 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion: 58 Resp: 56700

Ion Ratio Lower Upper

58 100

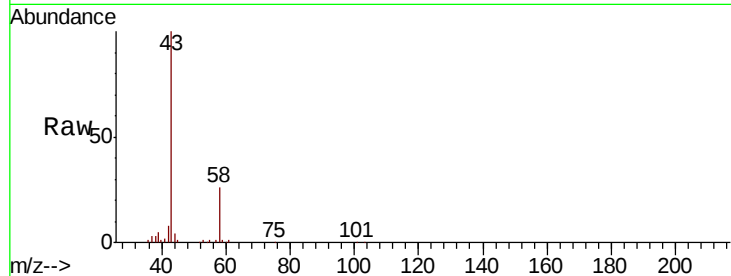
43 378.8 289.8 434.8

Manual Integrations

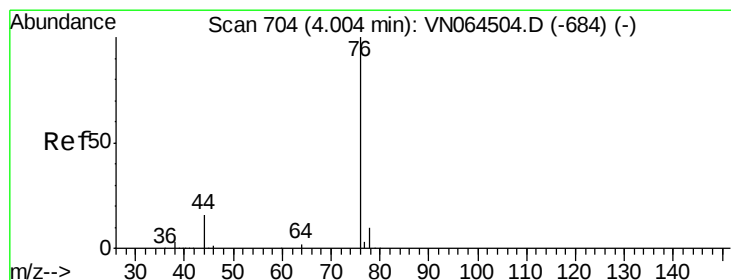
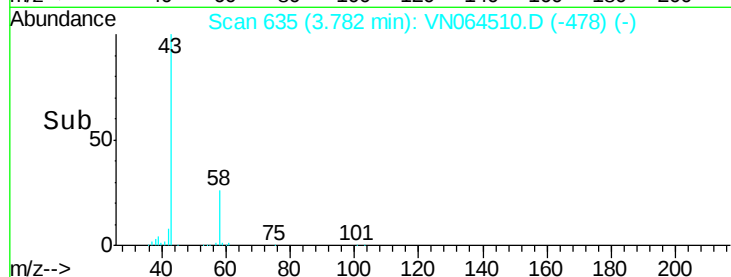
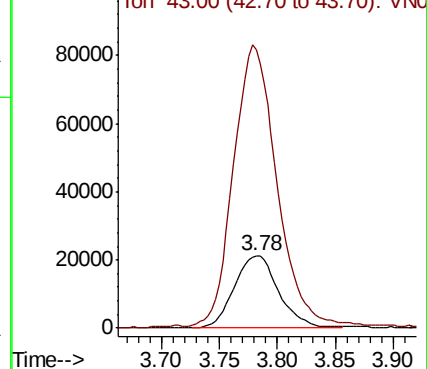
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Abundance Ion 58.00 (57.70 to 58.70): VN064510.D (-478) (-)



#16

Carbon Disulfide

Concen: 20.098 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064510.D

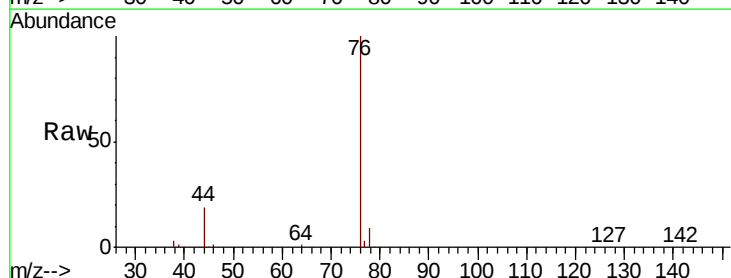
Acq: 9 Nov 2020 16:43

Tgt Ion: 76 Resp: 212791

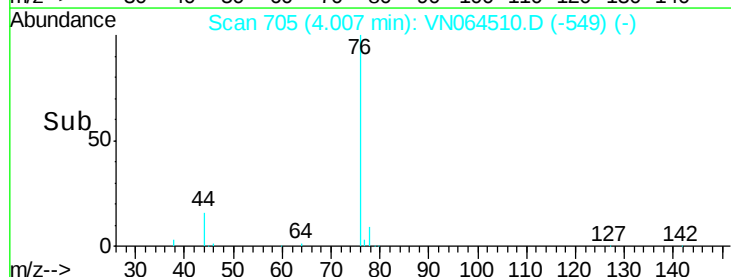
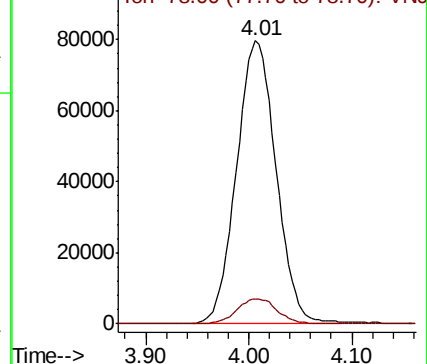
Ion Ratio Lower Upper

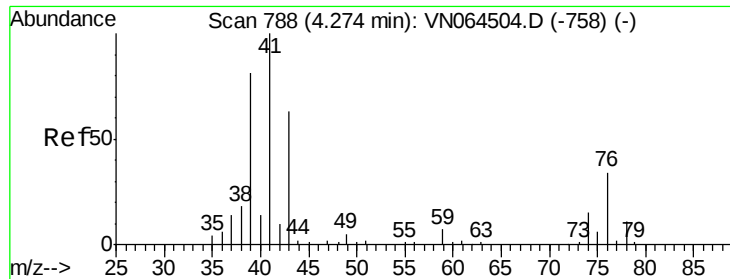
76 100

78 8.9 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN064510.D (-549) (-)





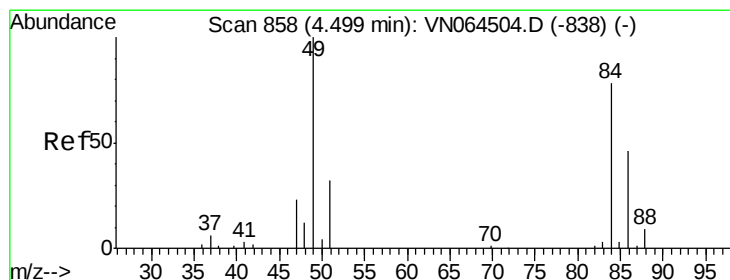
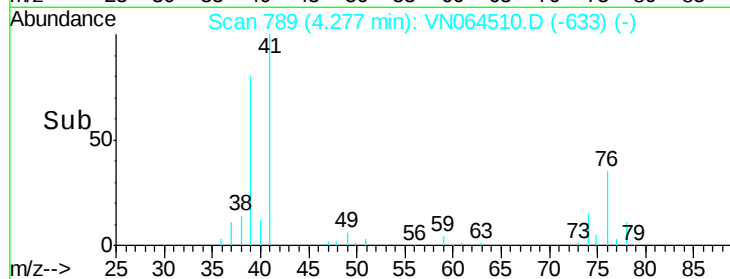
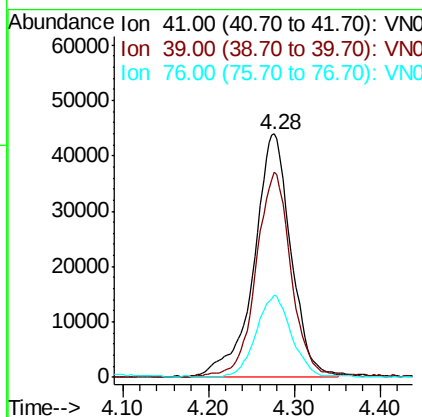
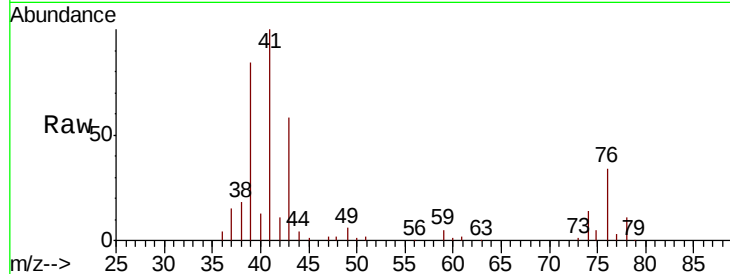
#17  
Allvl chloride  
Concen: 20.144 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 84.1  | 40.3  | 120.8 |
| 76      | 33.1  | 16.8  | 50.3  |

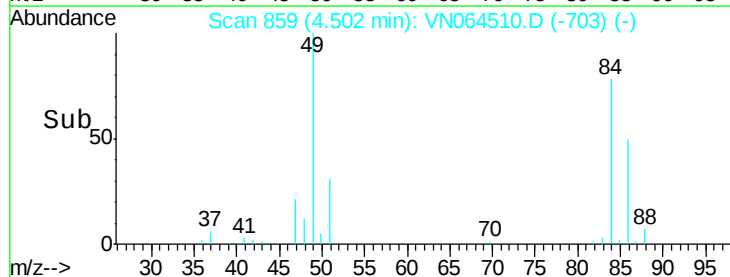
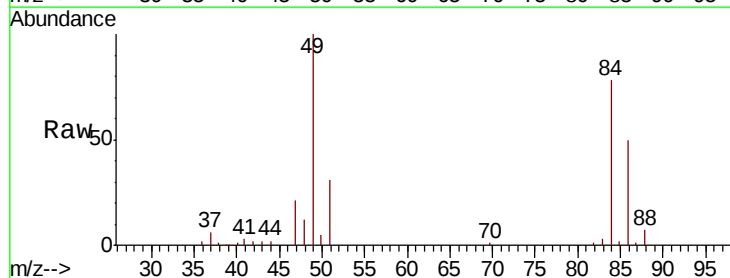
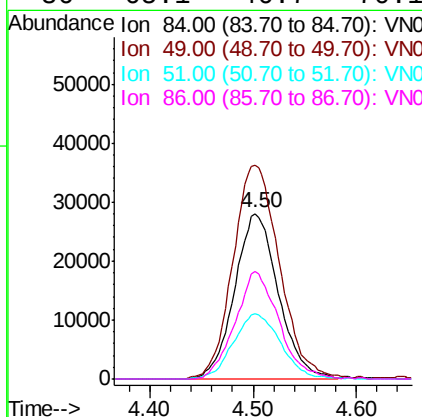
Manual Integrations  
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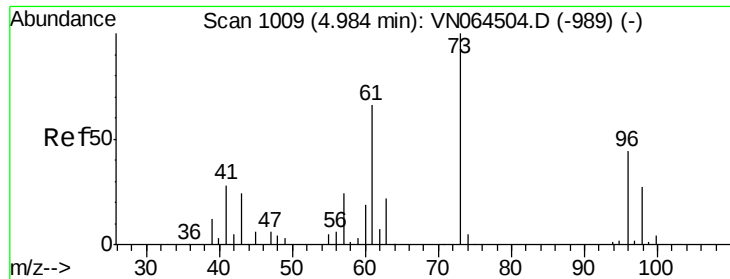
MMDadoda  
11/10/2020 1:10:40 PM



#18  
Methylene Chloride  
Concen: 19.983 ug/l  
RT: 4.50 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 128.3 | 102.1 | 153.1 |
| 51      | 39.8  | 32.6  | 48.8  |
| 86      | 65.1  | 46.7  | 70.1  |





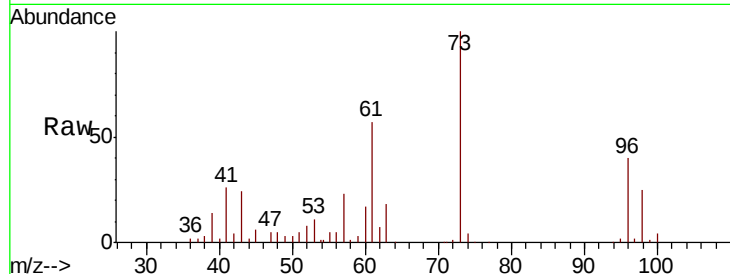
#19  
trans-1,2-Dichloroethene  
Concen: 20.372 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.01 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.1 | 120.1 | 180.1 |
| 98      | 61.9  | 49.1  | 73.7  |

Manual Integrations  
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MMDadoda  
11/10/2020 1:10:40 PM

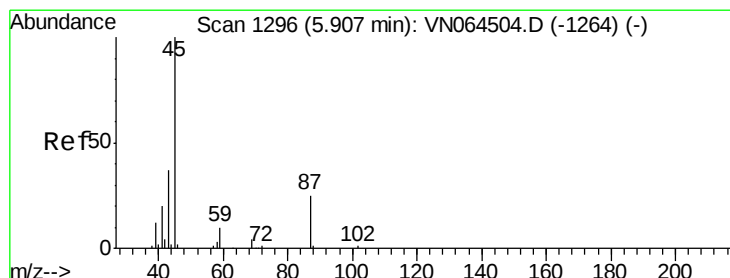
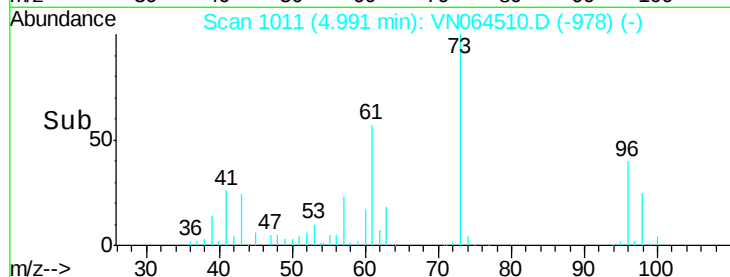
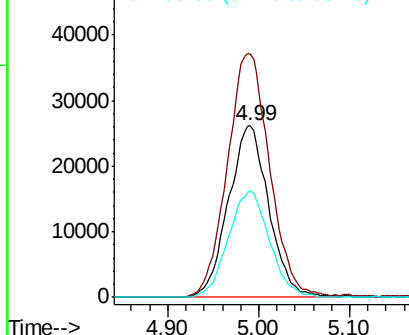


Abundance

Ion 96.00 (95.70 to 96.70): VN064510.D (-989) (-)

Ion 61.00 (60.70 to 61.70): VN064510.D (-989) (-)

Ion 98.00 (97.70 to 98.70): VN064510.D (-989) (-)



#20  
Diisopropyl ether  
Concen: 20.118 ug/l  
RT: 5.90 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 70.9  | 53.1  | 79.7  |
| 87      | 24.7  | 21.0  | 31.6  |
| 59      | 10.2  | 8.2   | 12.4  |

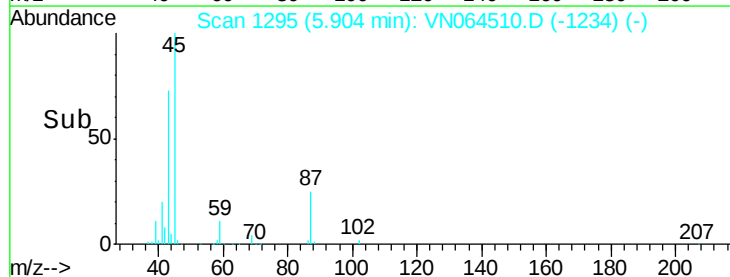
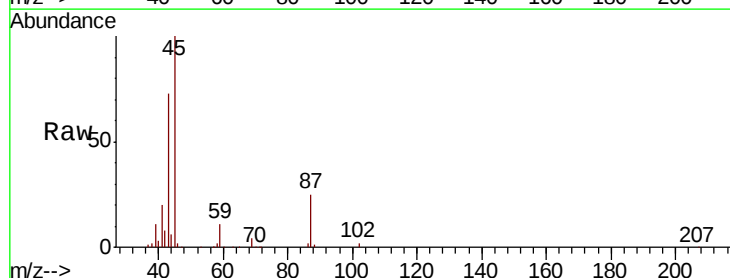
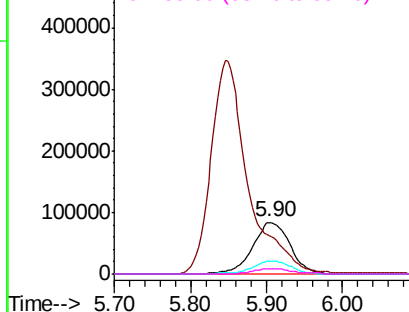
Abundance

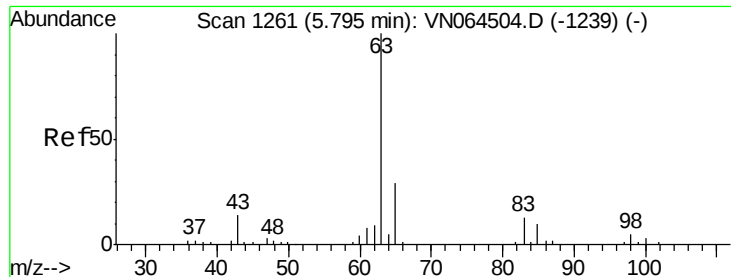
Ion 45.00 (44.70 to 45.70): VN064510.D (-1234) (-)

Ion 43.00 (42.70 to 43.70): VN064510.D (-1234) (-)

Ion 87.00 (86.70 to 87.70): VN064510.D (-1234) (-)

Ion 59.00 (58.70 to 59.70): VN064510.D (-1234) (-)





#21

1,1-Dichloroethane

Concen: 20.988 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

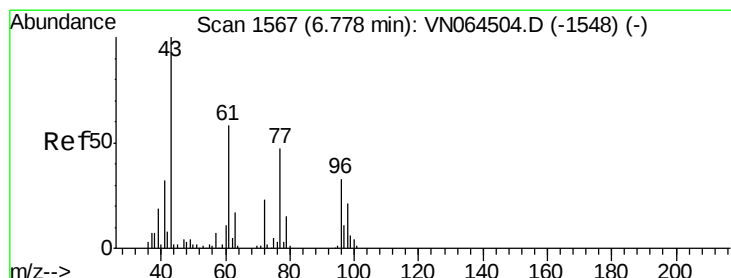
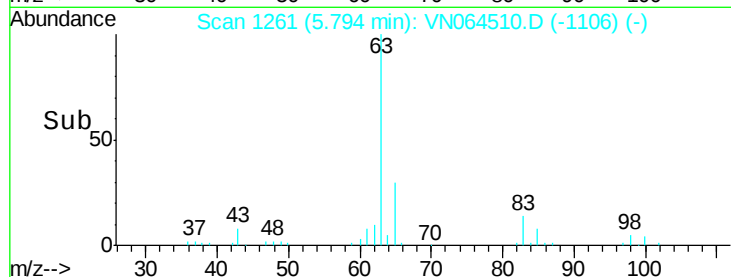
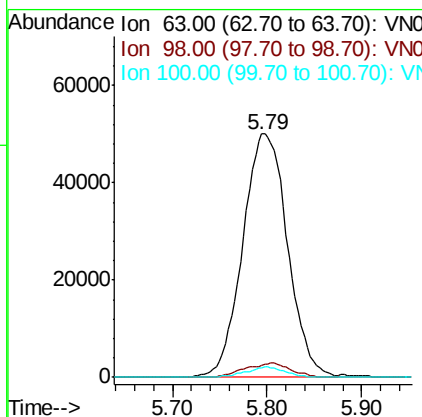
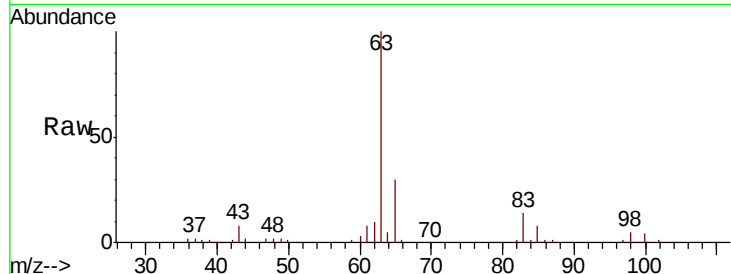
ClientSampleId :

VN1109WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 164730 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 4.8   | 2.6   | 8.0    |
| 100       | 3.9   | 1.7   | 5.1    |

Manual Integrations  
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11/10/2020 1:10:40 PM



#22

cis-1,2-Dichloroethene

Concen: 20.364 ug/l

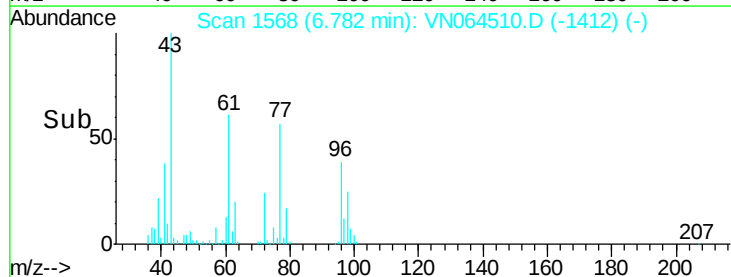
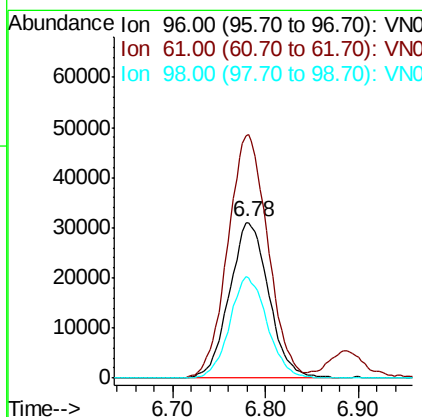
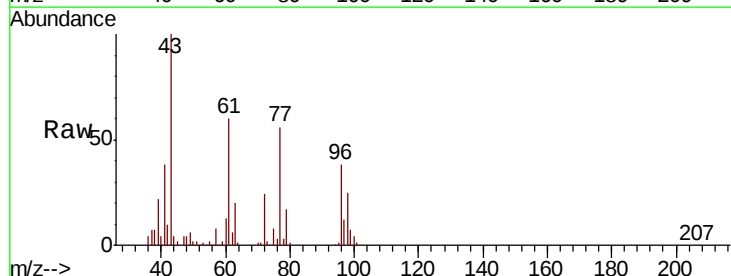
RT: 6.78 min Scan# 1568

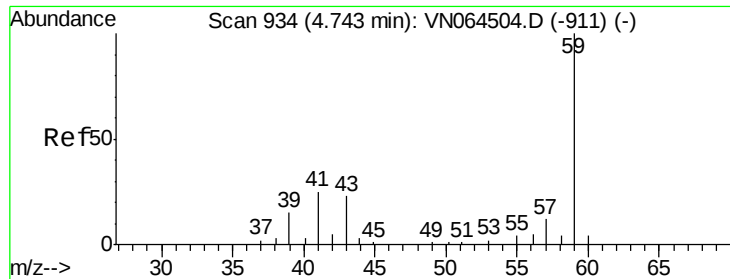
Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 91257 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 159.2 | 136.1 | 204.1 |
| 98        | 62.2  | 51.8  | 77.8  |





#23

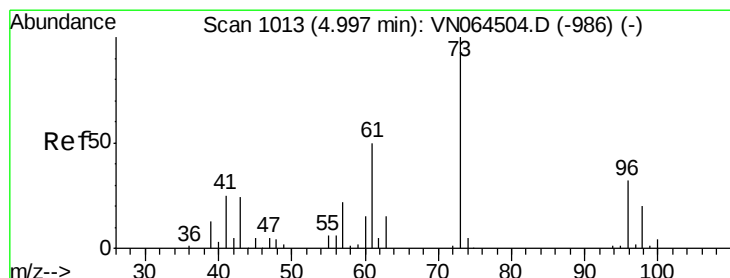
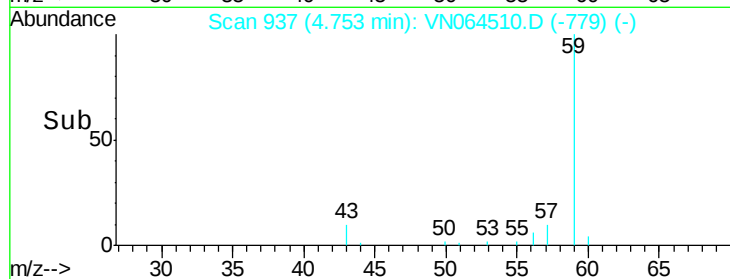
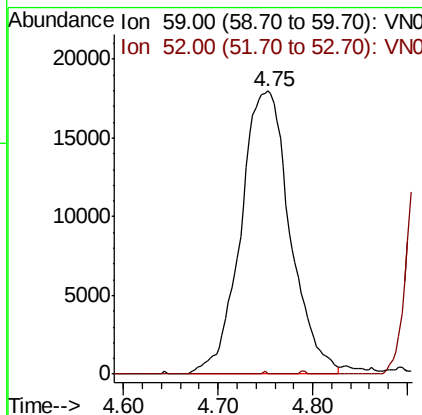
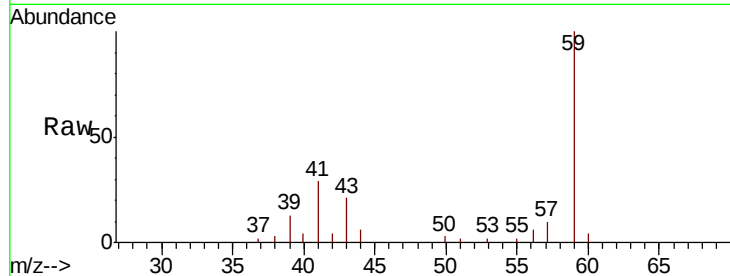
tert-Butyl Alcohol  
 Concen: 100.465 ug/l  
 RT: 4.75 min Scan# 937  
 Delta R.T. 0.01 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 52      | 0.1   | 0.0   | 0.0#  |

Manual Integrations  
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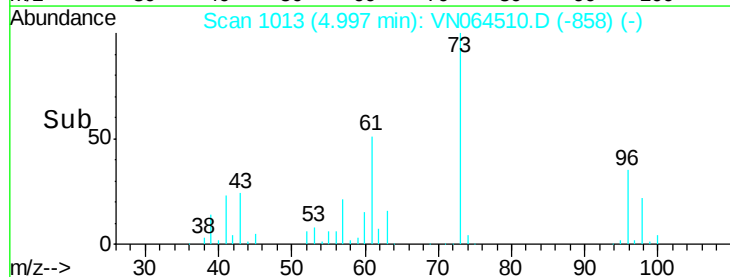
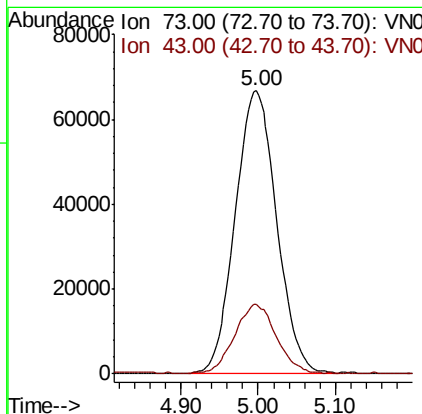
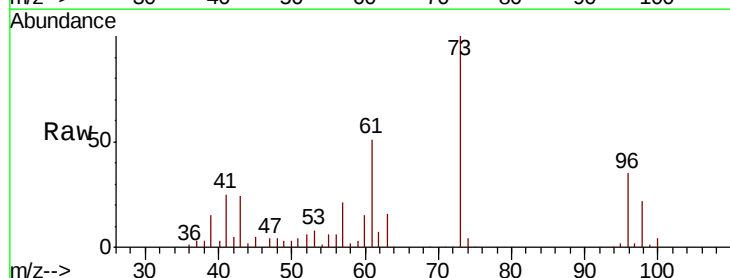
MMDadoda  
 11/10/2020 1:10:40 PM

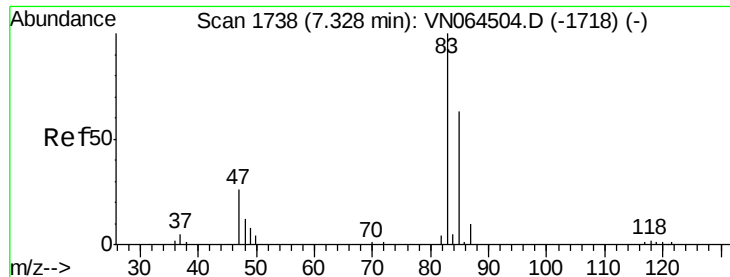


#24

Methyl tert-Butyl Ether  
 Concen: 20.186 ug/l  
 RT: 5.00 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 24.3  | 10.2  | 15.2# |





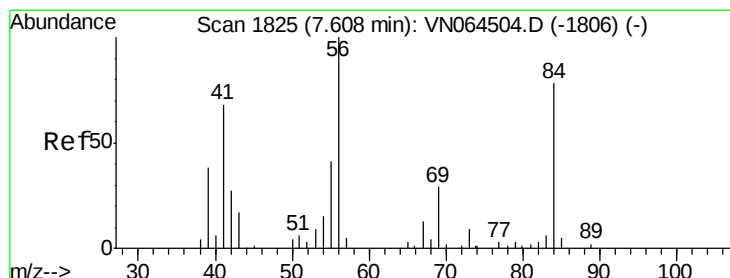
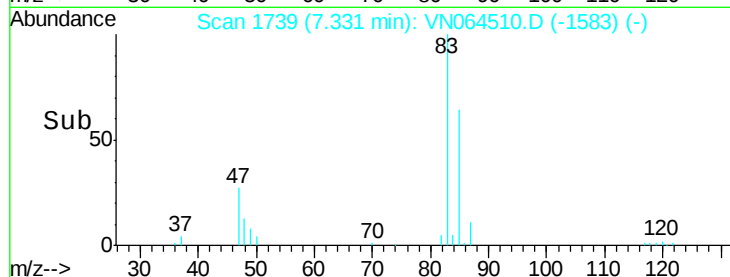
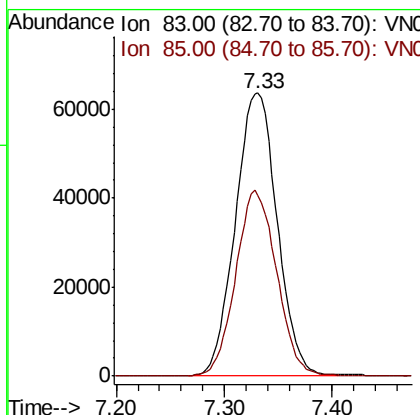
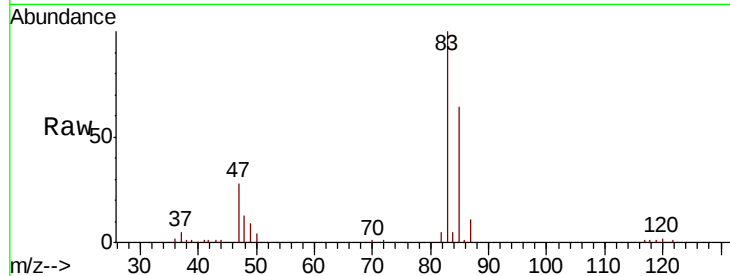
#25  
Chloroform  
Concen: 20.841 ug/l  
RT: 7.33 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

Tot Ion: 83 Resp: 171889  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.6 75.8

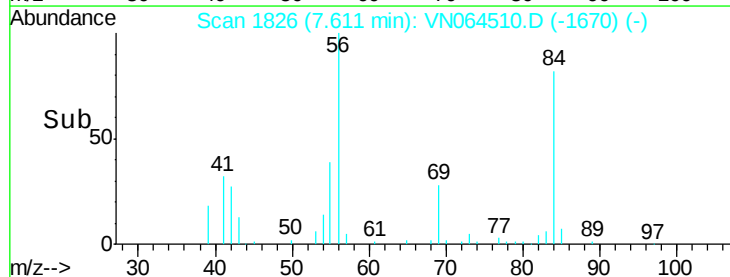
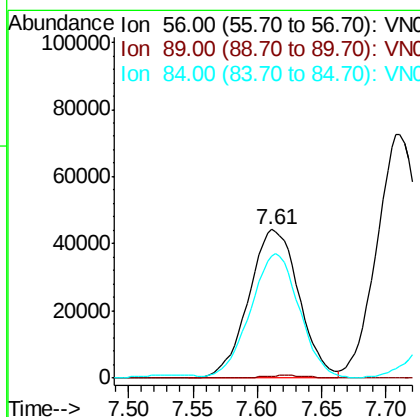
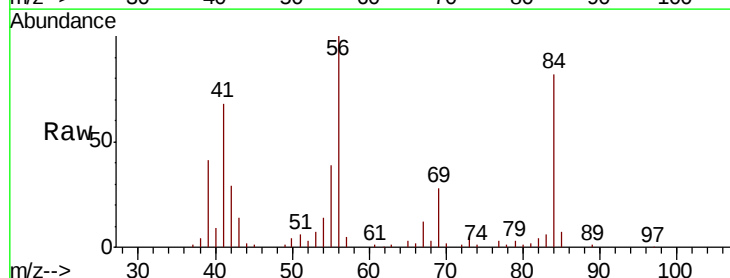
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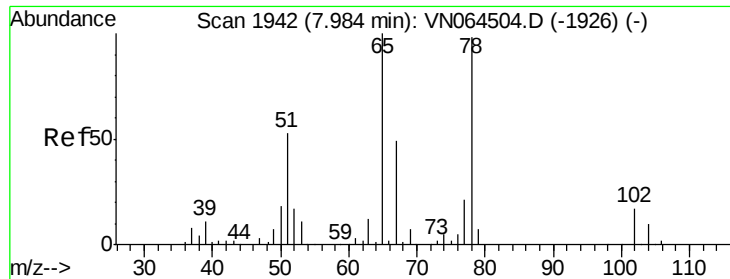
MMDadoda  
11/10/2020 1:10:40 PM



#26  
Cyclohexane  
Concen: 19.896 ug/l  
RT: 7.61 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Tgt Ion: 56 Resp: 120562  
Ion Ratio Lower Upper  
56 100  
89 1.5 0.6 0.8#  
84 81.6 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 30.693 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion: 65 Resp: 175596

Ion Ratio Lower Upper

65 100

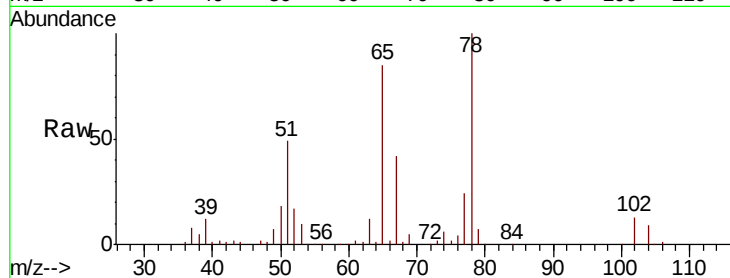
67 48.9 41.1 61.7

Manual Integrations

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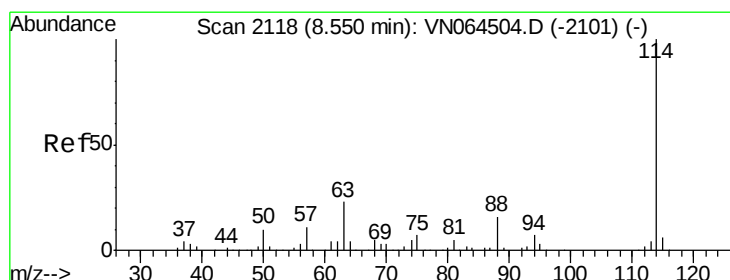
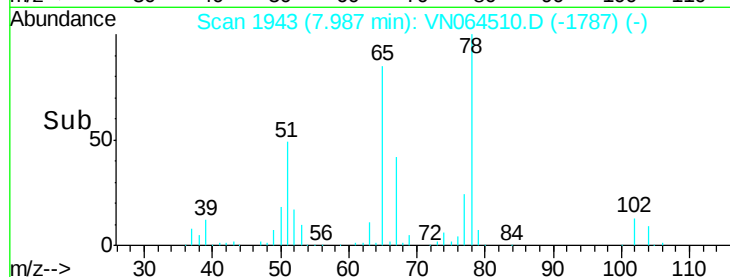
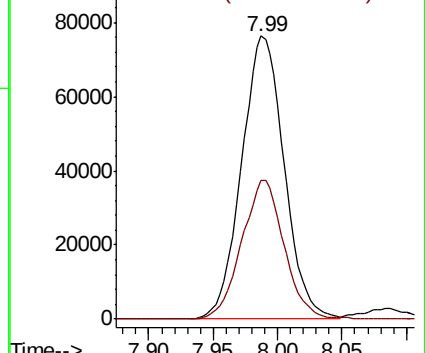
MMDadoda

11/10/2020 1:10:40 PM



Abundance Ion 65.00 (64.70 to 65.70): VN064510.D (-1787) (-)

Ion 67.00 (66.70 to 67.70): VN064510.D (-1787) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

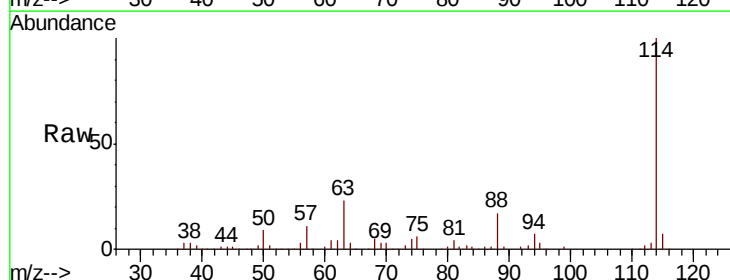
Tgt Ion: 114 Resp: 352146

Ion Ratio Lower Upper

114 100

63 22.3 18.5 27.7

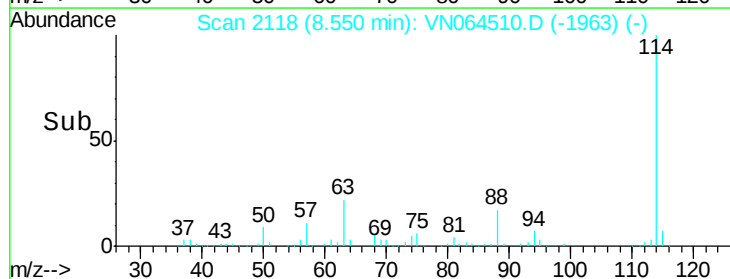
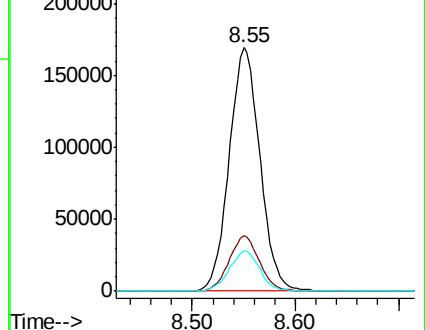
88 16.3 13.0 19.6

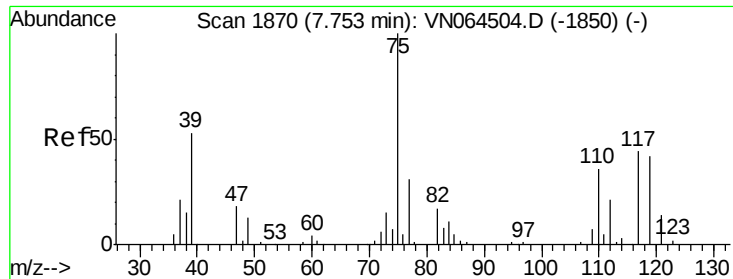


Abundance Ion 114.00 (113.70 to 114.70): VN064510.D (-1963) (-)

Ion 63.00 (62.70 to 63.70): VN064510.D (-1963) (-)

Ion 88.00 (87.70 to 88.70): VN064510.D (-1963) (-)





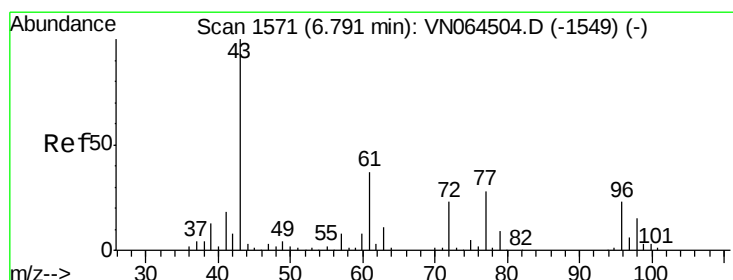
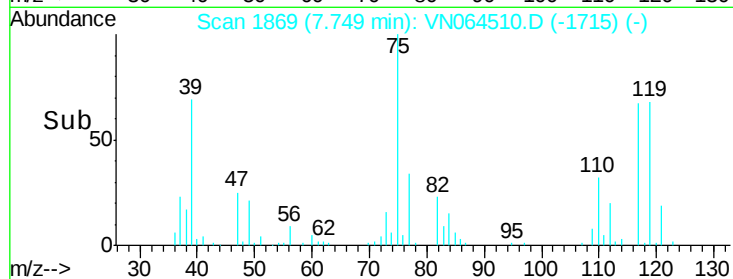
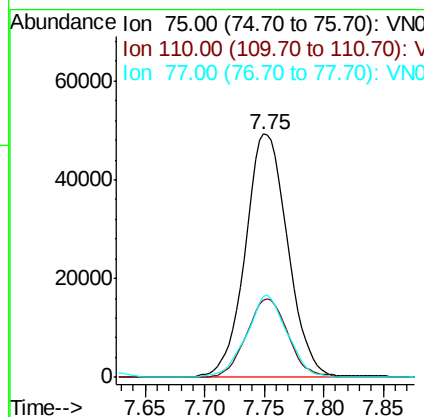
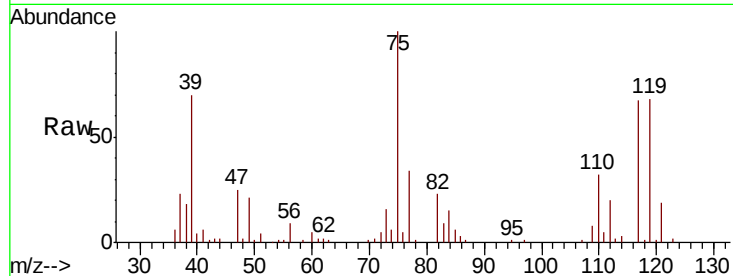
#29  
 1,1-Dichloropropene  
 Concen: 19.927 ug/l  
 RT: 7.75 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 75      | 100   |            |       |
| 110     | 31.6  | 0.0        | 66.4  |
| 77      | 32.2  | 0.0        | 62.0  |

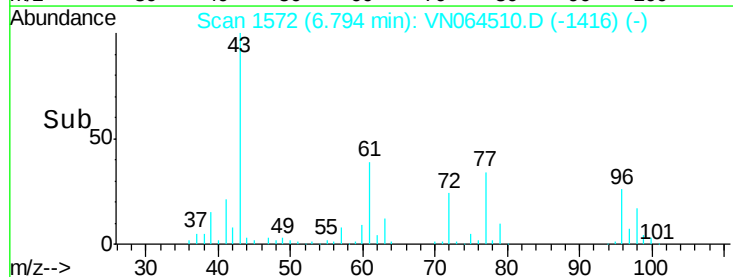
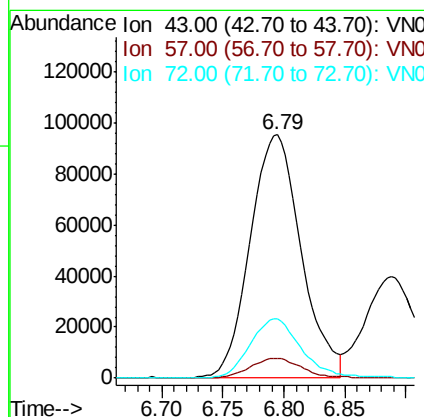
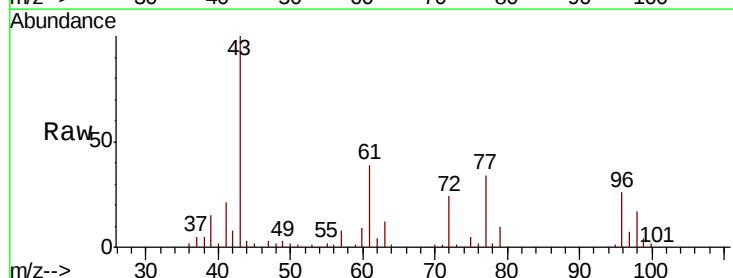
Manual Integrations  
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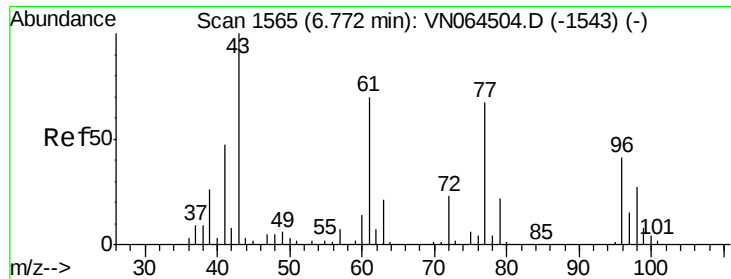
MMDadoda  
 11/10/2020 1:10:40 PM



#30  
 2-Butanone  
 Concen: 91.159 ug/l  
 RT: 6.79 min Scan# 1572  
 Delta R.T. 0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 43      | 100   |            |       |
| 57      | 3.9   | 6.2        | 9.4#  |
| 72      | 24.8  | 9.9        | 14.9# |





#31

2,2-Dichloropropane

Concen: 20.342 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion: 77 Resp: 147663

Ion Ratio Lower Upper

77 100

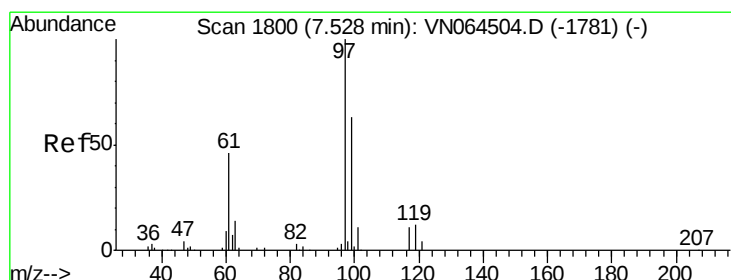
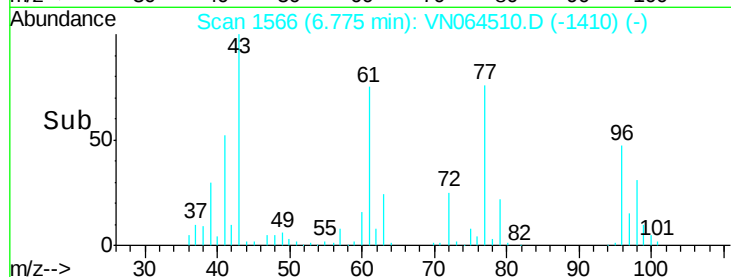
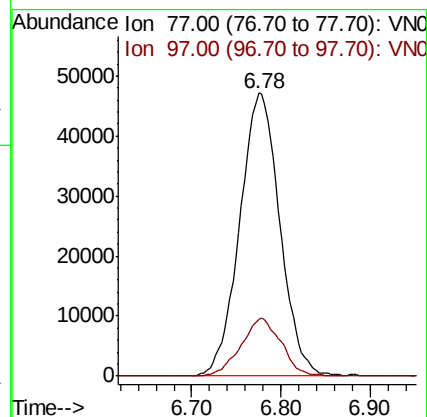
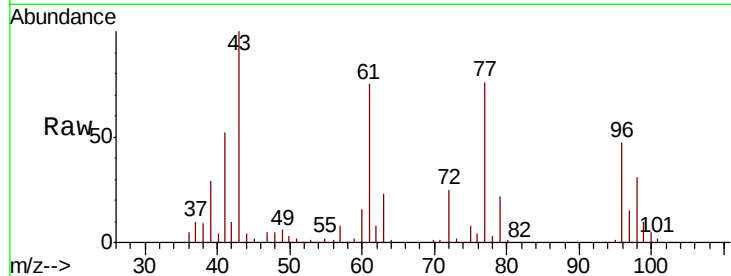
97 20.3 16.9 25.3

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#32

1,1,1-Trichloroethane

Concen: 19.887 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

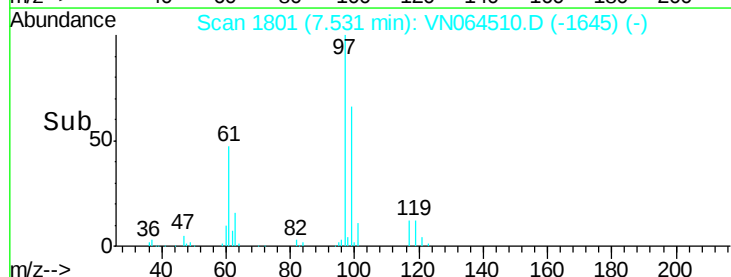
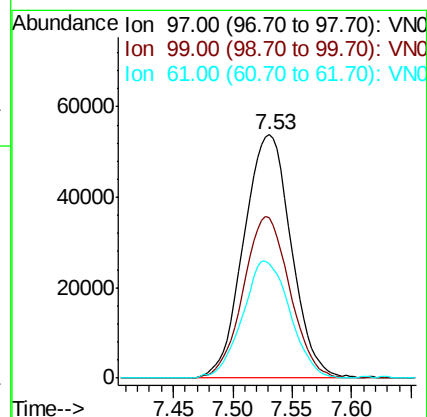
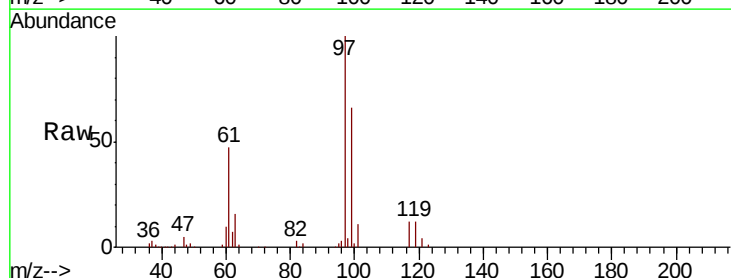
Tgt Ion: 97 Resp: 149069

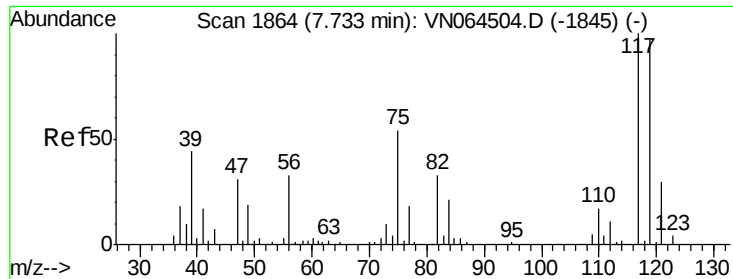
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 48.0 39.4 59.0





#33

Carbon Tetrachloride

Concen: 19.834 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion:117 Resp: 132772

Ion Ratio Lower Upper

117 100

119 103.8 77.9 116.9

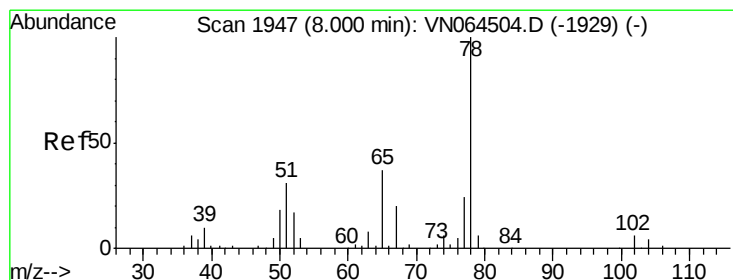
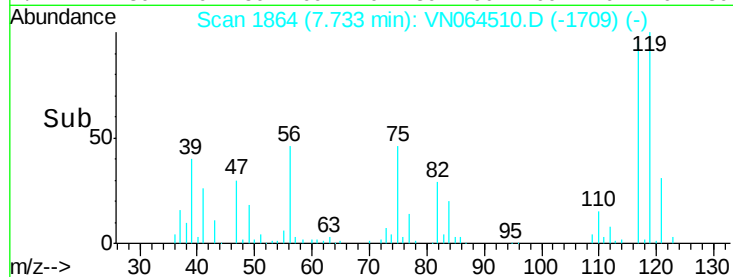
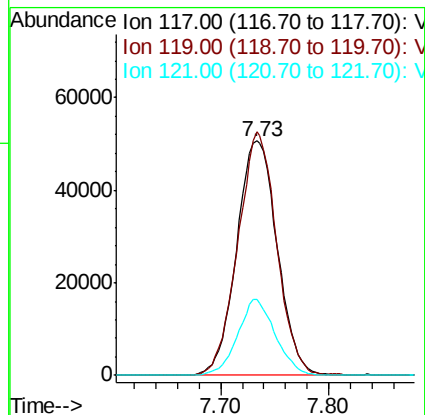
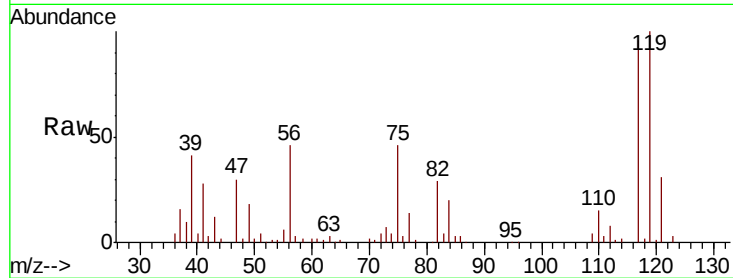
121 32.6 24.0 36.0

Manual Integrations

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#34

Benzene

Concen: 19.827 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

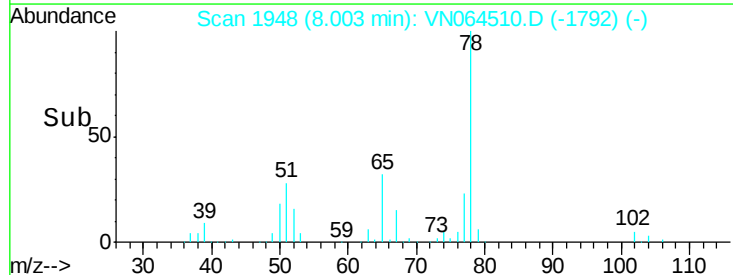
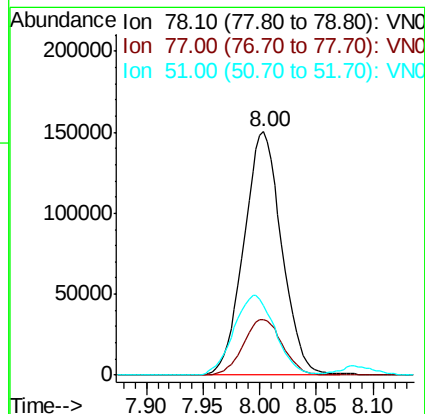
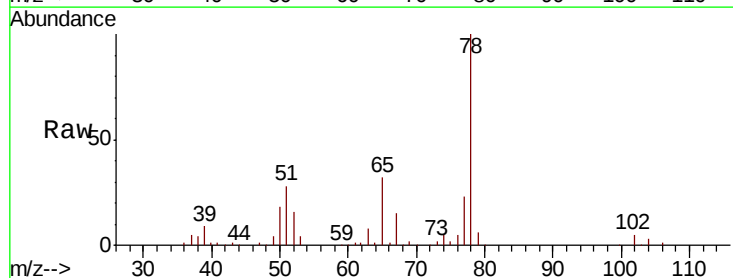
Tgt Ion: 78 Resp: 350836

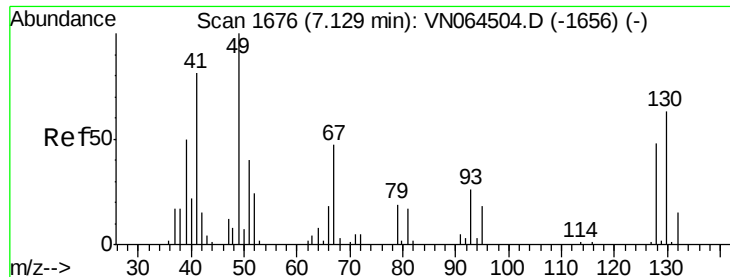
Ion Ratio Lower Upper

78 100

77 22.8 18.9 28.3

51 28.2 24.6 36.8





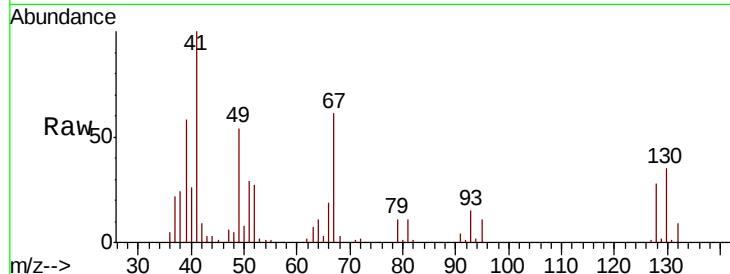
#35  
Methacrylonitrile  
Concen: 16.412 ug/l m  
RT: 7.12 min Scan# 1674  
Delta R.T. -0.01 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

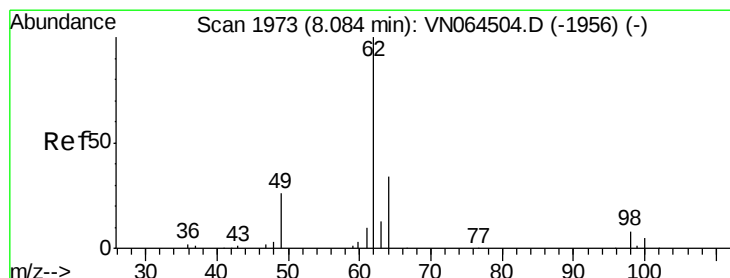
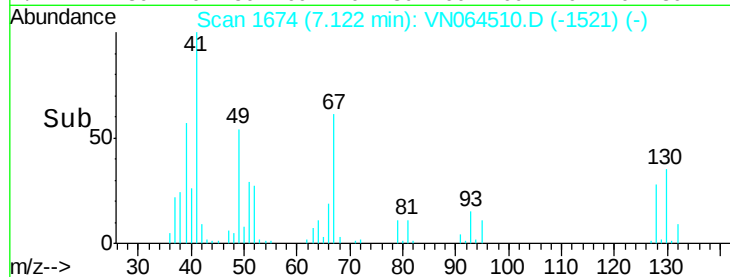
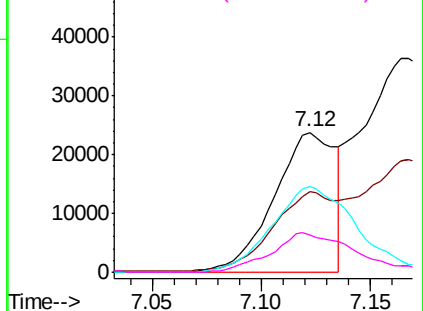
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 57.5 | 30.0  | 90.1  |       |
| 67      | 61.5 | 29.2  | 87.6  |       |
| 52      | 26.8 | 14.9  | 44.9  |       |

Manual Integrations  
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11/10/2020 1:10:40 PM

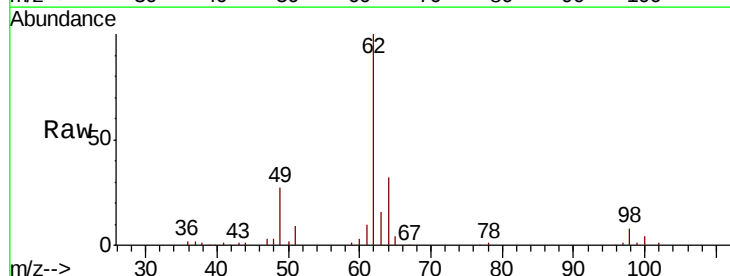


Abundance Ion 41.00 (40.70 to 41.70): VN064510.D (-1521) (-)  
Ion 39.00 (38.70 to 39.70): VN064510.D (-1521) (-)  
Ion 67.00 (66.70 to 67.70): VN064510.D (-1521) (-)  
Ion 52.00 (51.70 to 52.70): VN064510.D (-1521) (-)

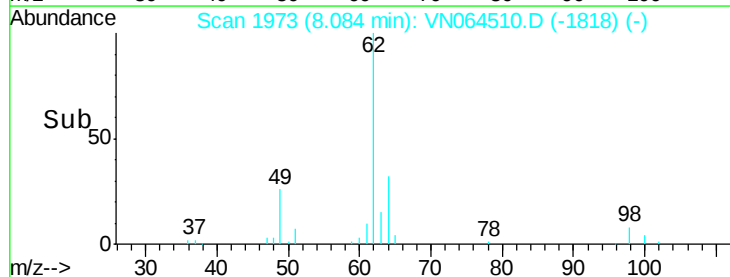
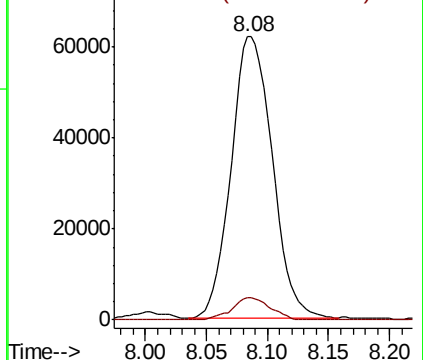


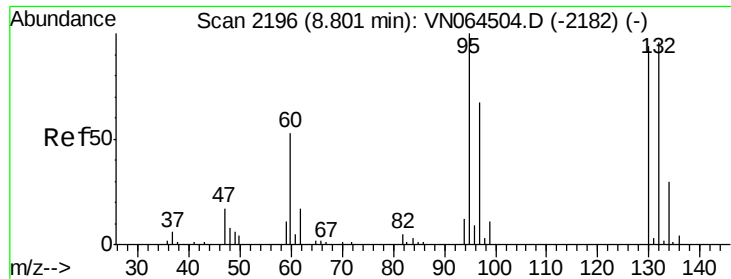
#36  
1,2-Dichloroethane  
Concen: 19.963 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 7.3 | 5.5   | 8.3   |       |



Abundance Ion 62.00 (61.70 to 62.70): VN064510.D (-1818) (-)  
Ion 98.00 (97.70 to 98.70): VN064510.D (-1818) (-)





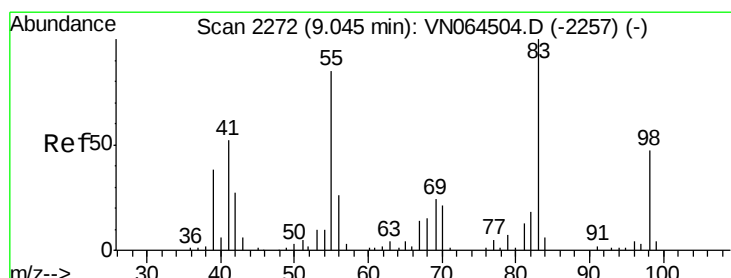
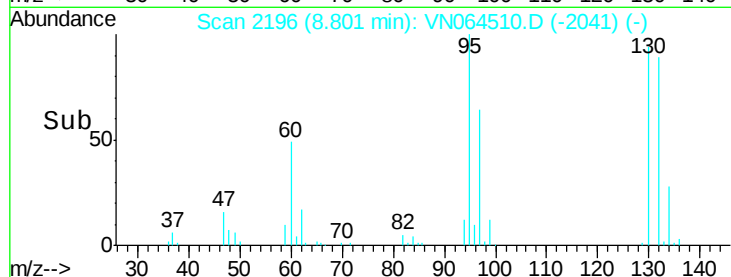
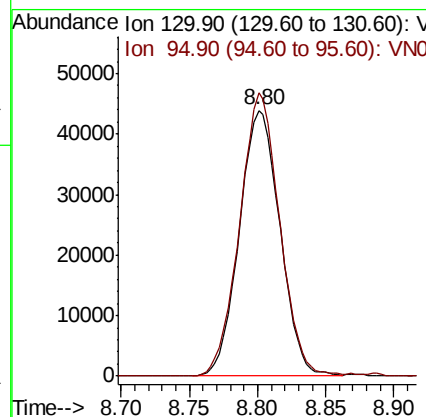
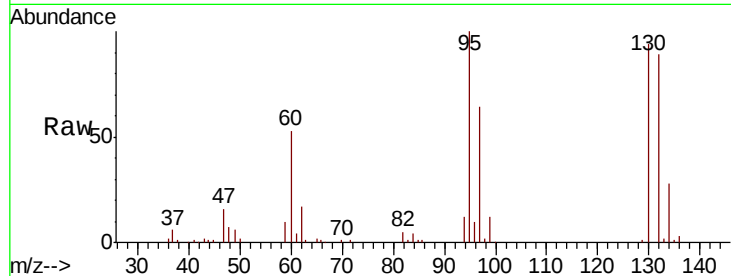
#37  
 Trichloroethene  
 Concen: 20.301 ug/l  
 RT: 8.80 min Scan# 2196  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

Tot Ion:130 Resp: 90824  
 Ion Ratio Lower Upper  
 130 100  
 95 106.6 85.1 127.7

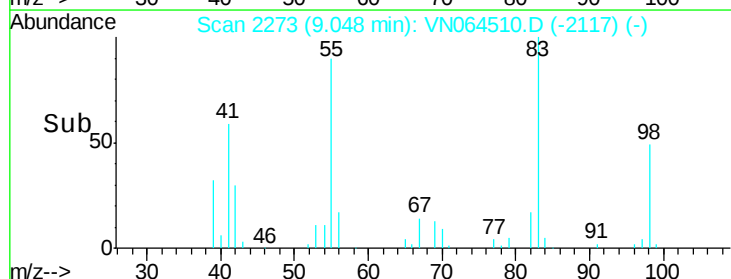
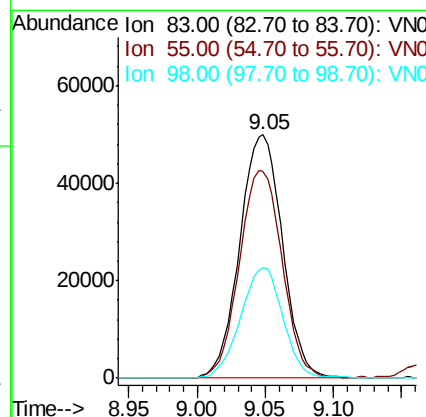
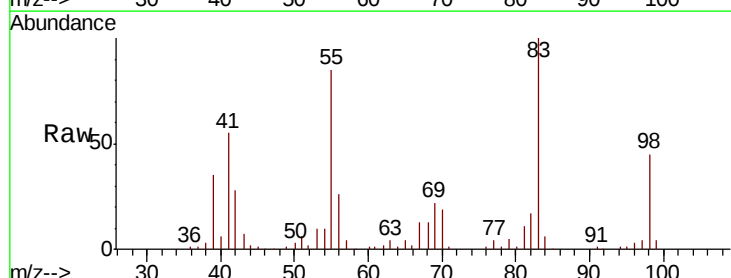
Manual Integrations  
 APPROVED

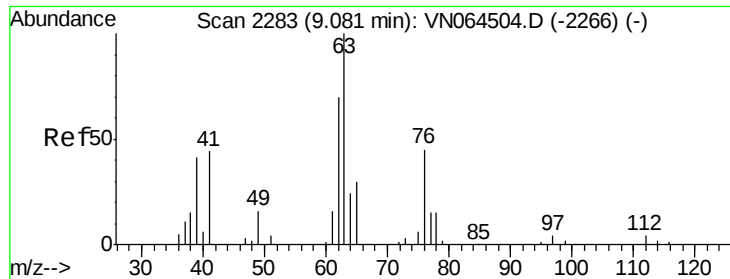
MMDadoda  
 11/10/2020 1:10:40 PM



#38  
 Methylcyclohexane  
 Concen: 19.659 ug/l  
 RT: 9.05 min Scan# 2273  
 Delta R.T. 0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Tgt Ion: 83 Resp: 108665  
 Ion Ratio Lower Upper  
 83 100  
 55 85.6 42.0 126.1  
 98 45.1 22.5 67.5





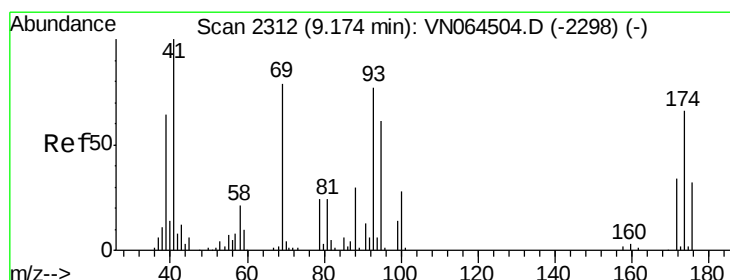
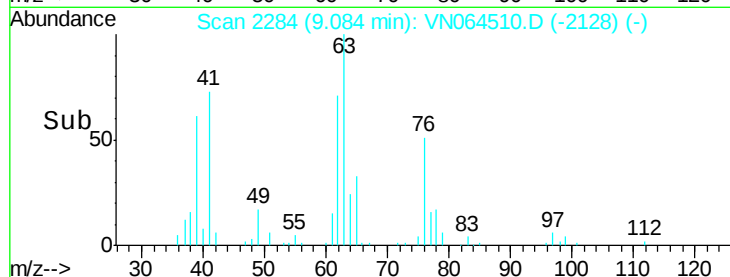
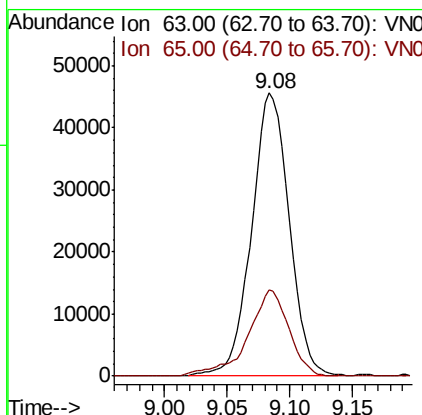
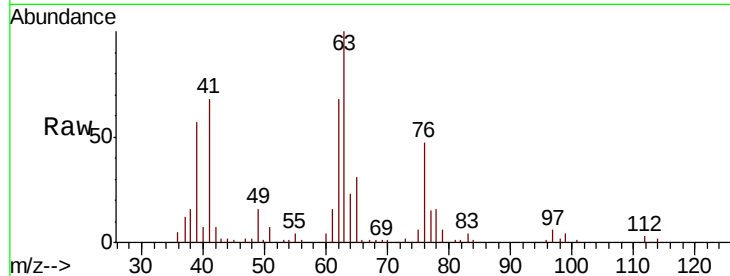
#39  
 1,2-Dichloropropane  
 Concen: 20.118 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

Tot Ion: 63 Resp: 95652  
 Ion Ratio Lower Upper  
 63 100  
 65 30.5 24.4 36.6

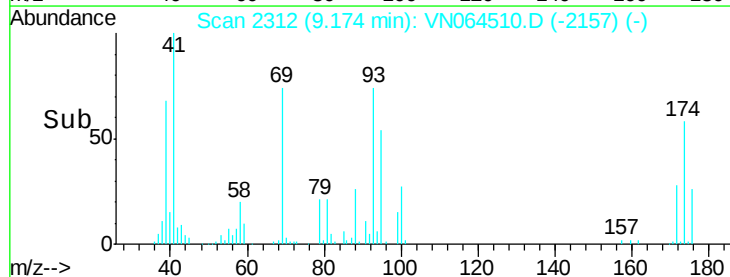
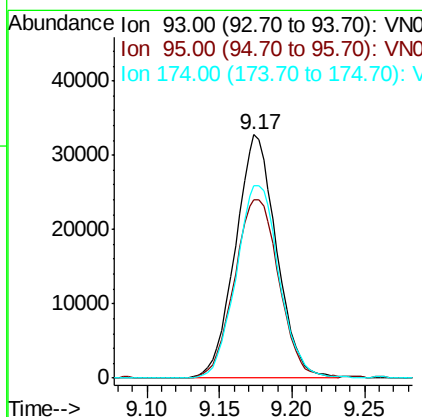
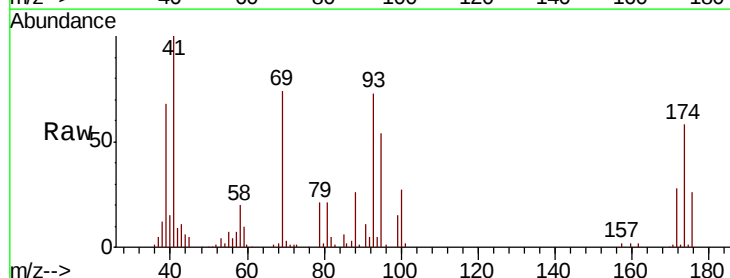
Manual Integrations  
 APPROVED

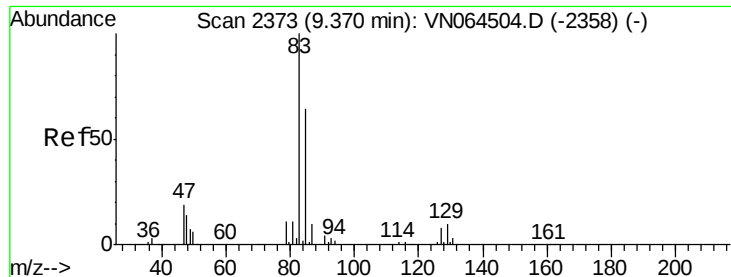
MMDadoda  
 11/10/2020 1:10:40 PM



#40  
 Dibromomethane  
 Concen: 20.139 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Tgt Ion: 93 Resp: 64595  
 Ion Ratio Lower Upper  
 93 100  
 95 79.6 0.0 164.6  
 174 82.8 0.0 165.6





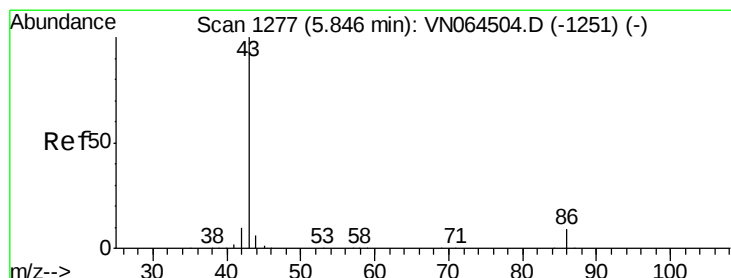
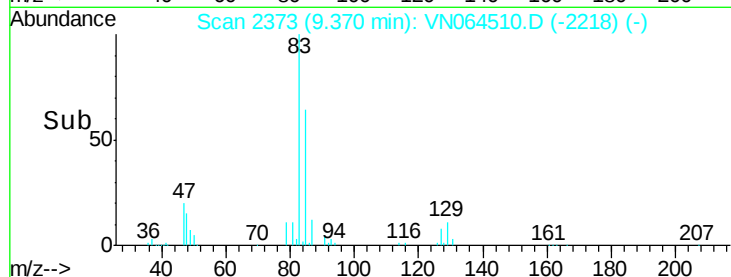
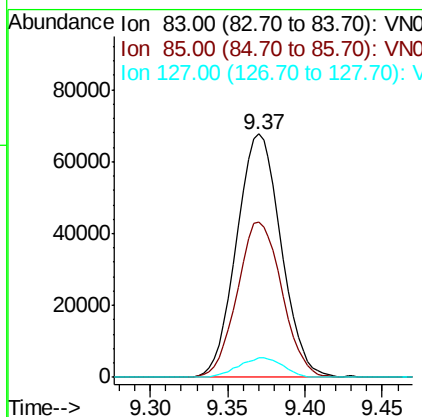
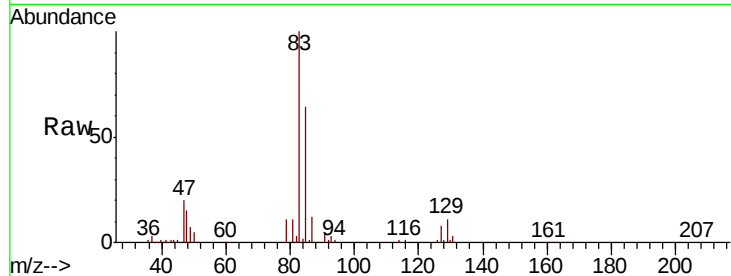
#41  
Bromodichloromethane  
Concen: 19.506 ug/l  
RT: 9.37 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion   | 83   | Resp  | 135599 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 64.0 | 51.0  | 76.4   |
| 127       | 7.8  | 6.2   | 9.4    |

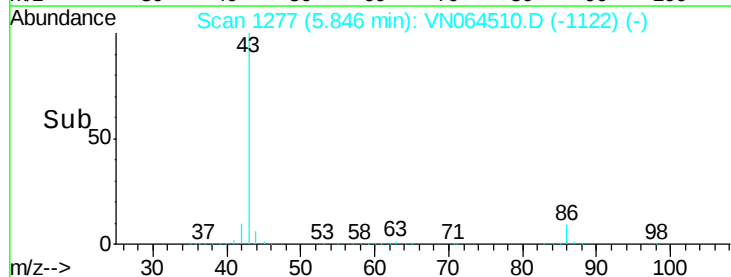
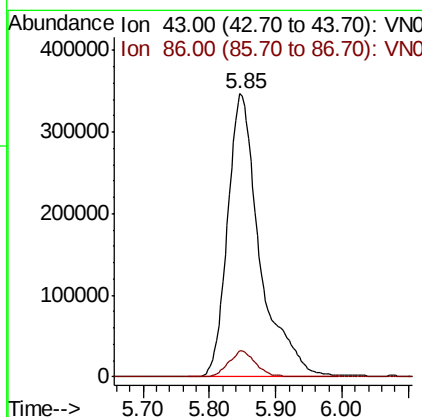
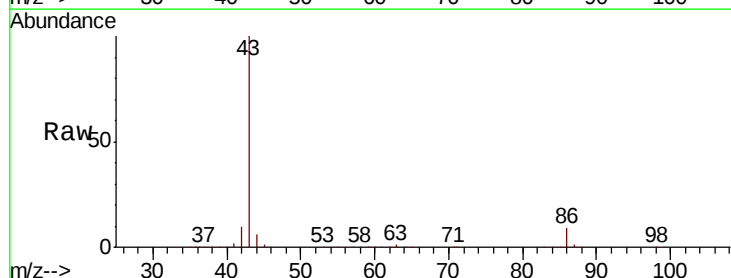
Manual Integrations  
APPROVED

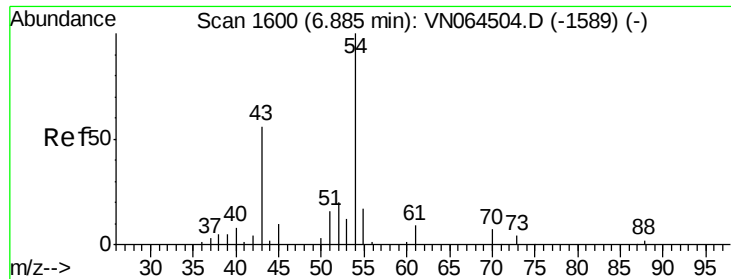
MMDadoda  
11/10/2020 1:10:40 PM



#42  
Vinyl Acetate  
Concen: 96.777 ug/l  
RT: 5.85 min Scan# 1277  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion   | 43  | Resp  | 1172019 |
|-----------|-----|-------|---------|
| Ion Ratio | 100 | Lower | Upper   |
| 43        | 100 |       |         |
| 86        | 7.8 | 6.3   | 9.5     |





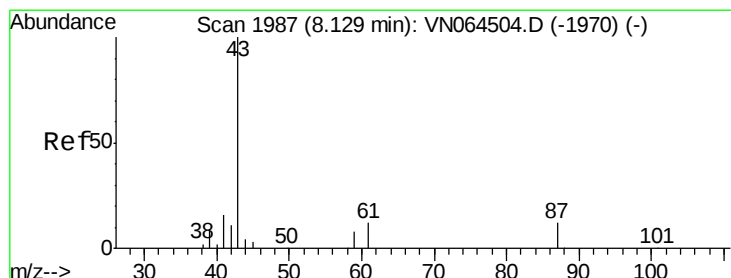
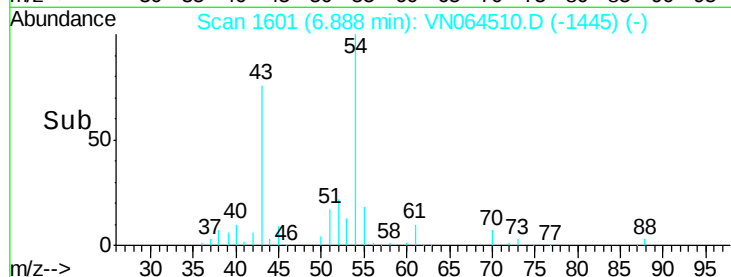
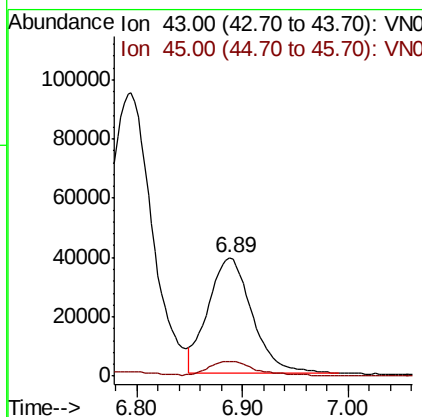
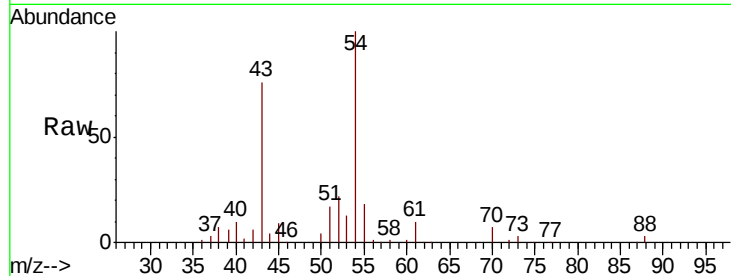
#43  
Ethyl Acetate  
Concen: 19.306 ug/l  
RT: 6.89 min Scan# 1601  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

Tot Ion: 43 Resp: 113640  
Ion Ratio Lower Upper  
43 100  
45 11.5 10.9 16.3

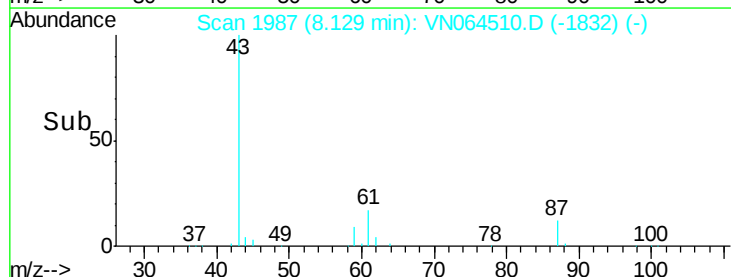
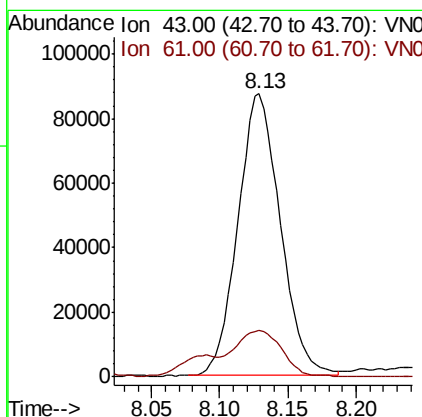
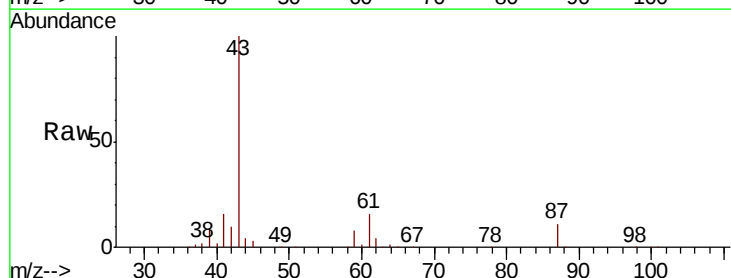
Manual Integrations  
APPROVED

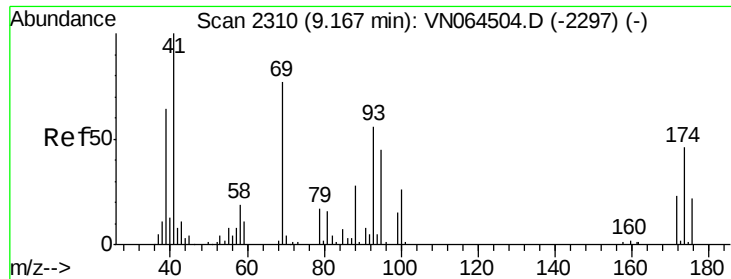
MMDadoda  
11/10/2020 1:10:40 PM



#44  
Isopropyl Acetate  
Concen: 18.536 ug/l  
RT: 8.13 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 188344  
Ion Ratio Lower Upper  
43 100  
61 17.3 13.0 19.4





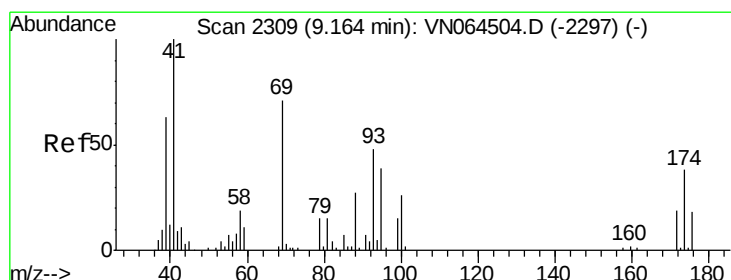
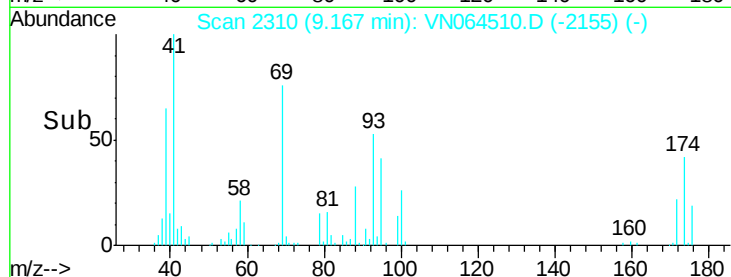
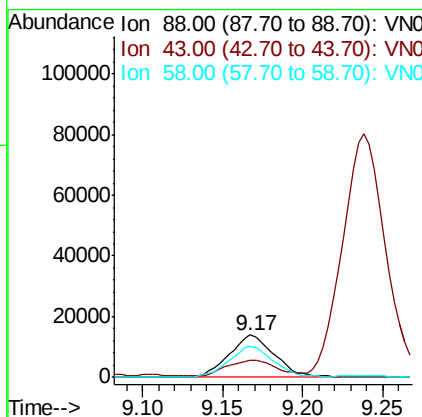
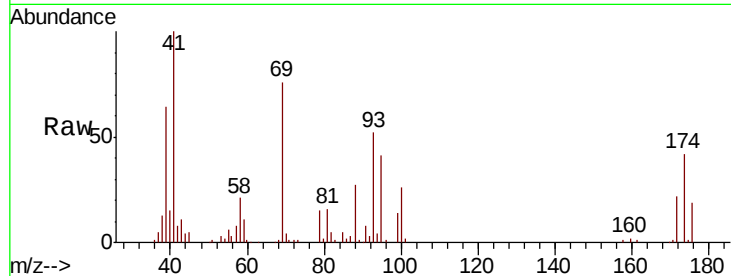
#45  
 1,4-Dioxane  
 Concen: 380.433 ug/l  
 RT: 9.17 min Scan# 2310  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

| Tot Ion   | 88    | Resp  | 27098 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 37.3  | 30.6  | 46.0  |
| 58        | 72.1  | 57.9  | 86.9  |

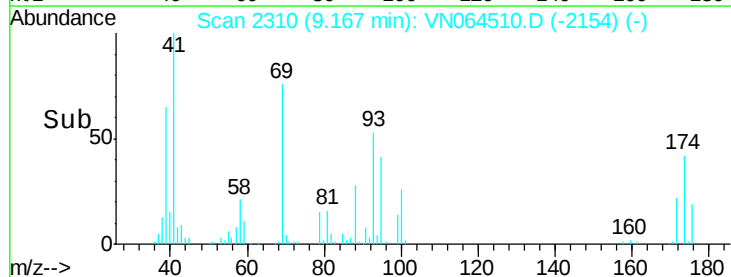
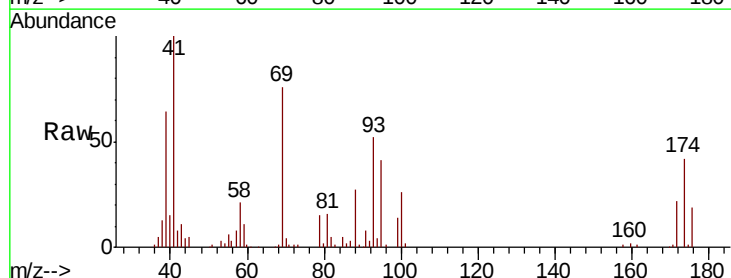
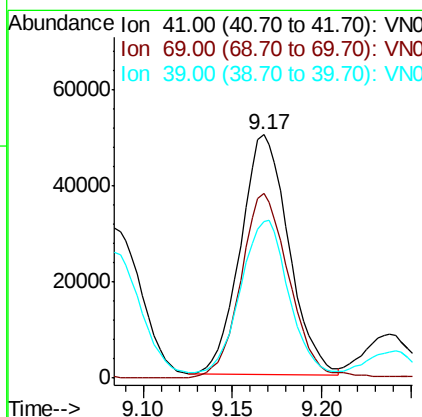
Manual Integrations  
 APPROVED

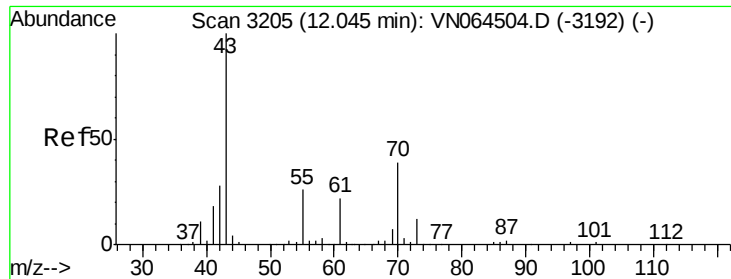
MMDadoda  
 11/10/2020 1:10:40 PM



#46  
 Methyl methacrylate  
 Concen: 18.582 ug/l  
 RT: 9.17 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

| Tgt Ion   | 41    | Resp  | 93902 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 77.0  | 35.4  | 106.2 |
| 39        | 63.4  | 31.6  | 94.7  |





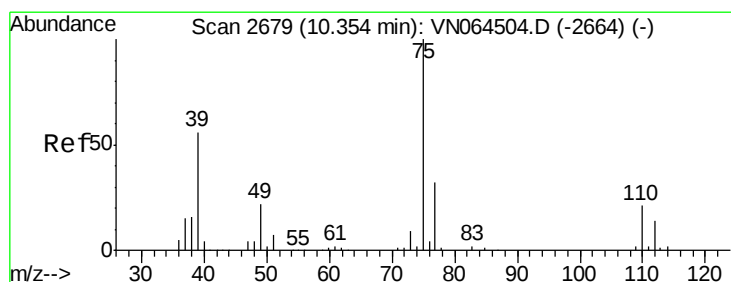
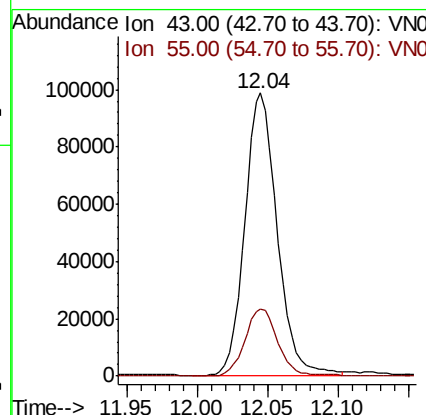
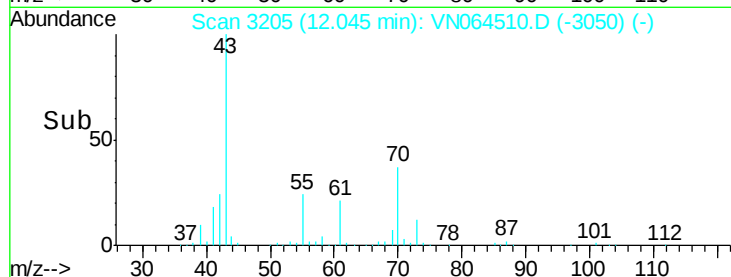
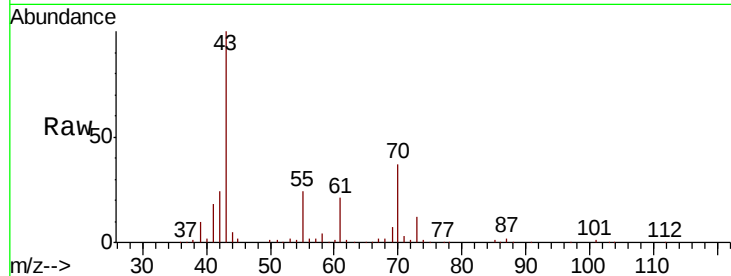
#47  
n-amvl Acetate  
Concen: 18.035 ug/l  
RT: 12.04 min Scan# 3205  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

Tot Ion: 43 Resp: 158529  
Ion Ratio Lower Upper  
43 100  
55 24.4 19.2 28.8

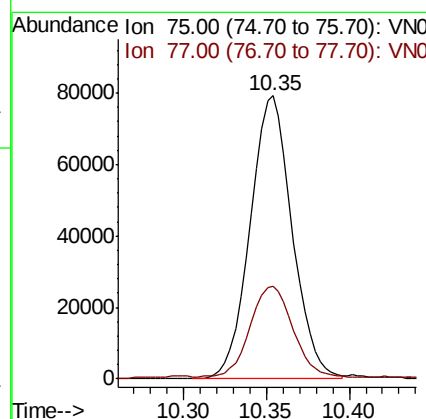
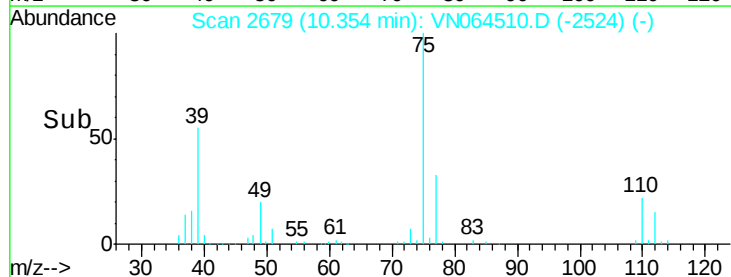
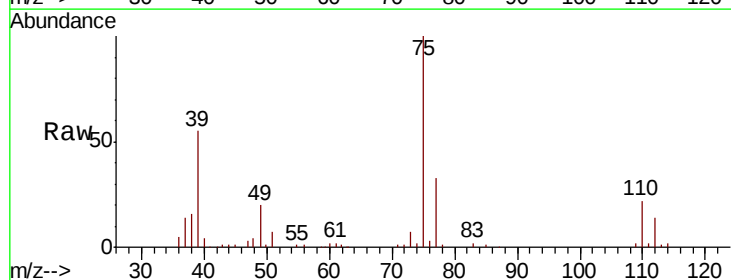
Manual Integrations  
APPROVED

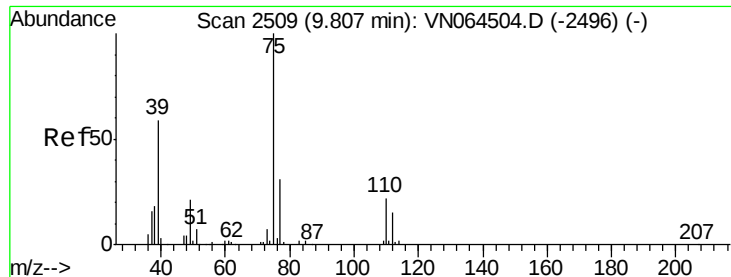
MMDadoda  
11/10/2020 1:10:40 PM



#48  
t-1,3-Dichloropropene  
Concen: 18.955 ug/l  
RT: 10.35 min Scan# 2679  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Tgt Ion: 75 Resp: 139639  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.8 38.6





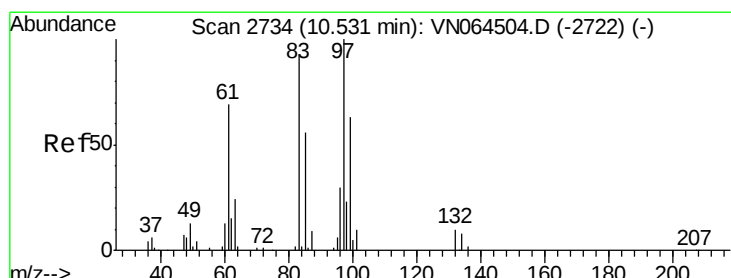
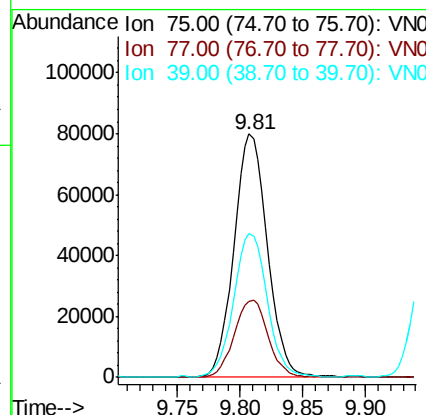
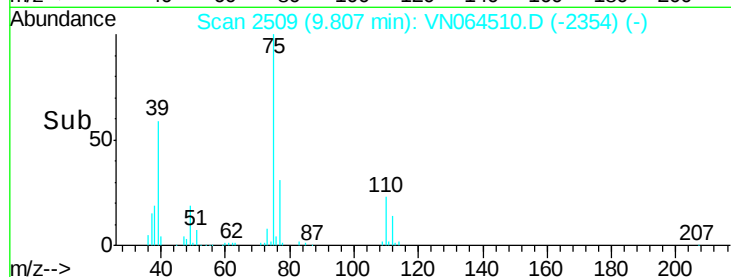
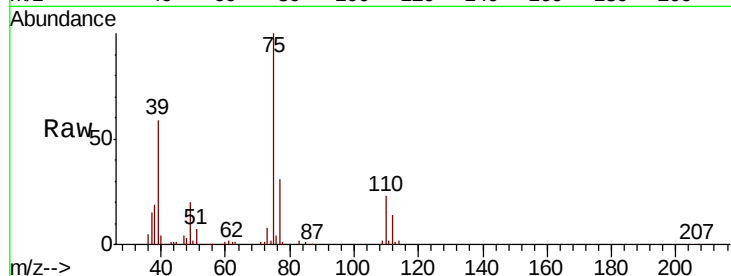
#49  
 cis-1,3-Dichloropropene  
 Concen: 19.164 ug/l  
 RT: 9.81 min Scan# 2509  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.2  | 24.8  | 37.2  |
| 39      | 59.0  | 47.4  | 71.0  |

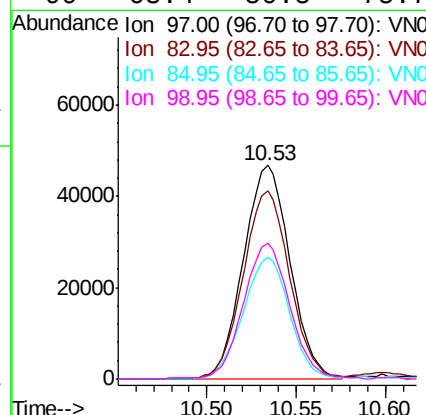
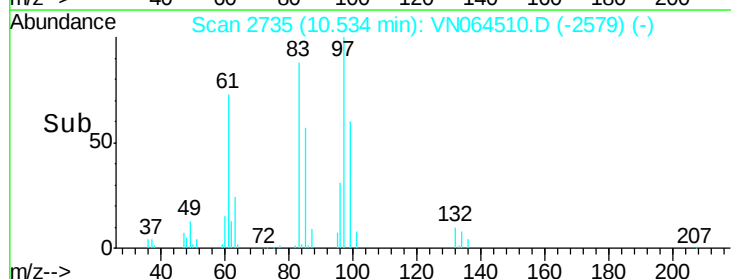
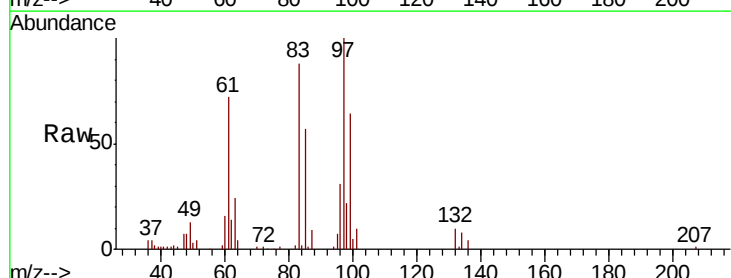
Manual Integrations  
 APPROVED

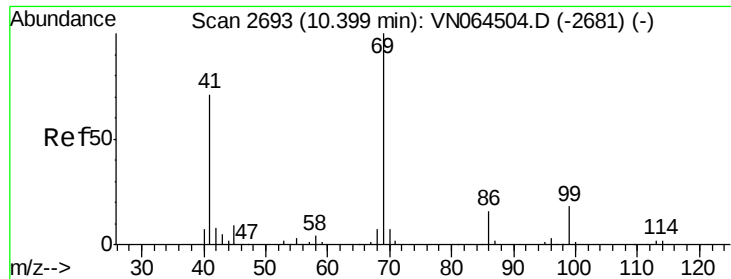
MMDadoda  
 11/10/2020 1:10:40 PM



#50  
 1,1,2-Trichloroethane  
 Concen: 19.470 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 87.4  | 74.2  | 111.4 |
| 85      | 57.0  | 44.8  | 67.2  |
| 99      | 63.4  | 50.5  | 75.7  |





#51

Ethyl methacrylate

Concen: 18.799 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion: 69 Resp: 118462

Ion Ratio Lower Upper

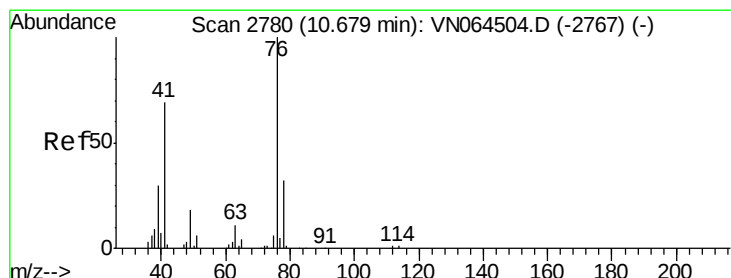
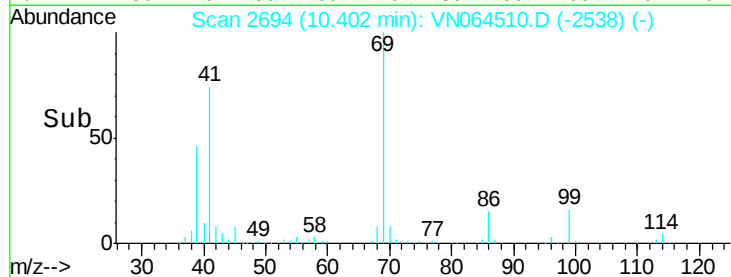
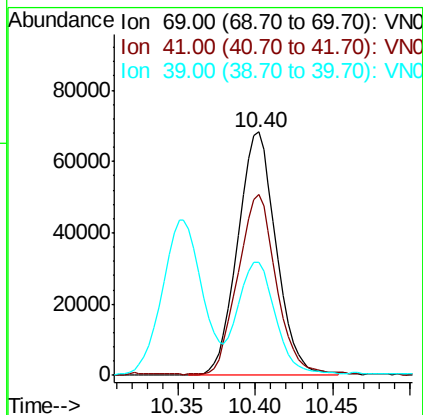
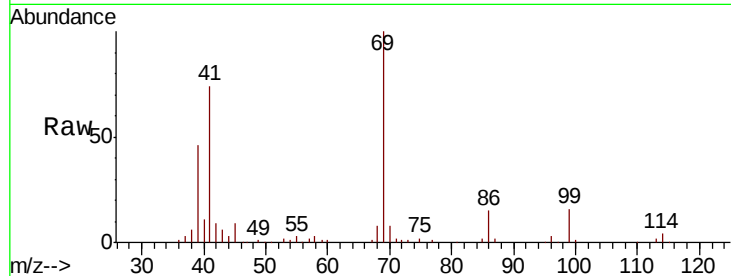
69 100

41 73.7 35.4 106.1

39 45.5 24.1 72.2

Manual Integrations  
APPROVED

MMDadoda  
11/10/2020 1:10:40 PM



#52

1,3-Dichloropropane

Concen: 19.683 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064510.D

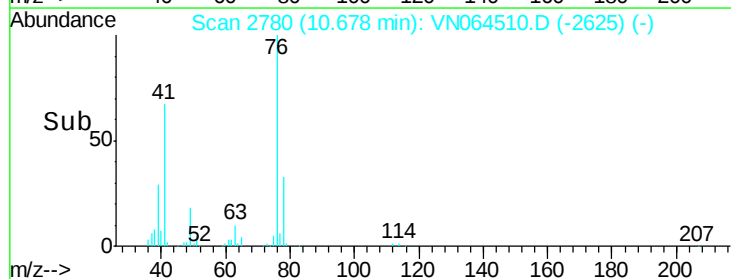
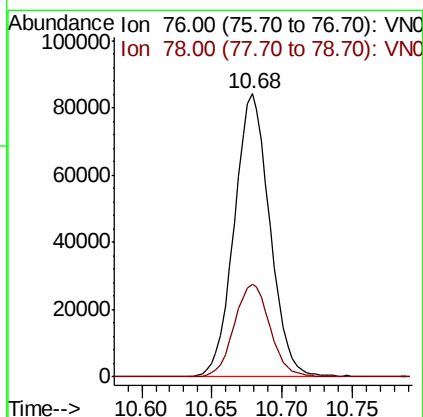
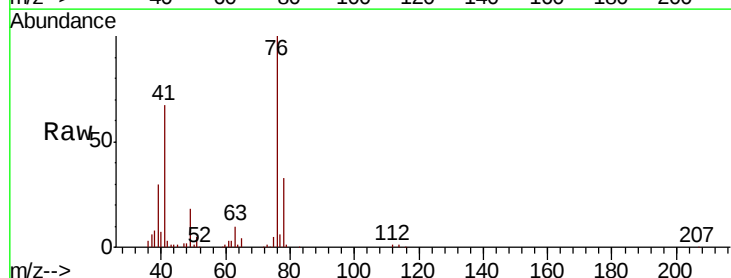
Acq: 9 Nov 2020 16:43

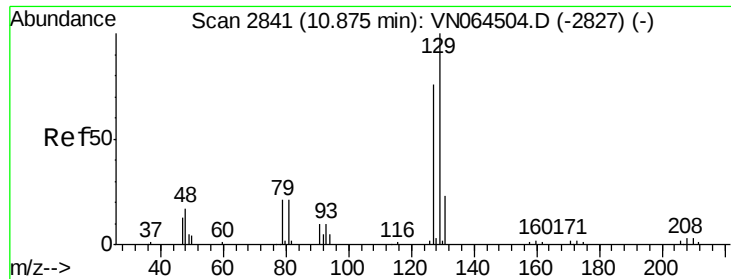
Tgt Ion: 76 Resp: 148696

Ion Ratio Lower Upper

76 100

78 32.9 0.0 65.2





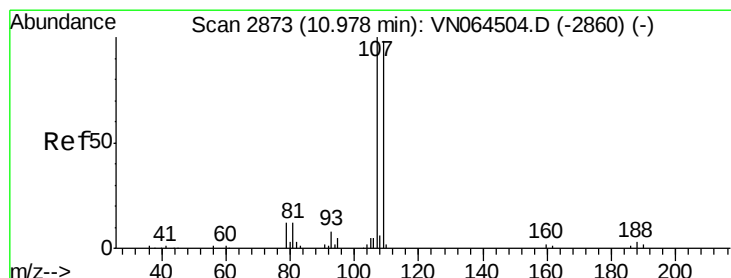
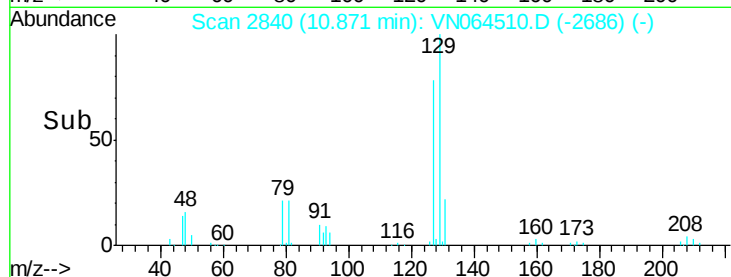
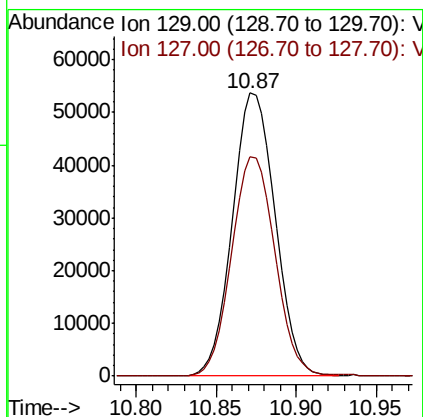
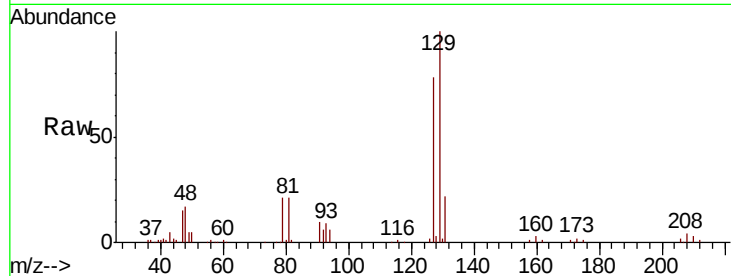
#53  
Dibromochloromethane  
Concen: 19.479 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

Tot Ion:129 Resp: 98096  
Ion Ratio Lower Upper  
129 100  
127 78.5 39.1 117.2

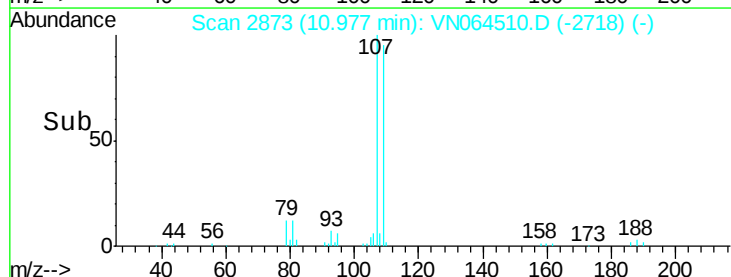
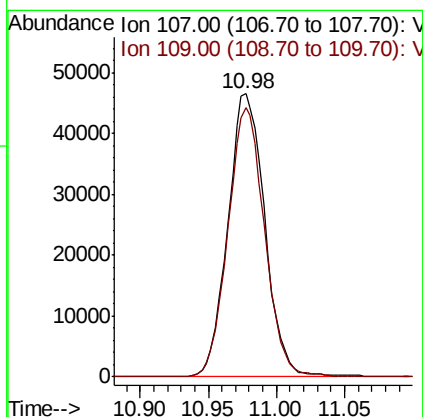
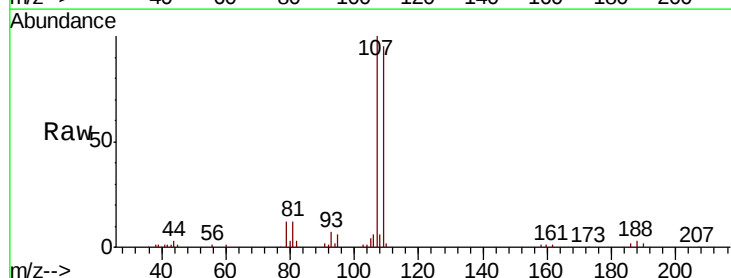
Manual Integrations  
APPROVED

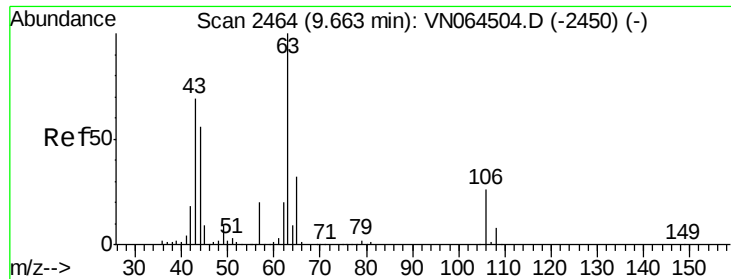
MMDadoda  
11/10/2020 1:10:40 PM



#54  
1,2-Dibromoethane  
Concen: 19.417 ug/l  
RT: 10.98 min Scan# 2873  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Tgt Ion:107 Resp: 87336  
Ion Ratio Lower Upper  
107 100  
109 94.4 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 86.275 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion: 63 Resp: 284510

Ion Ratio Lower Upper

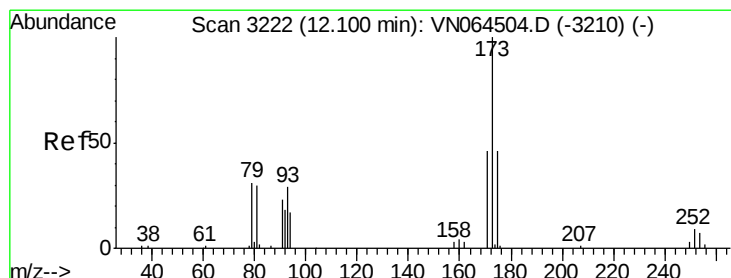
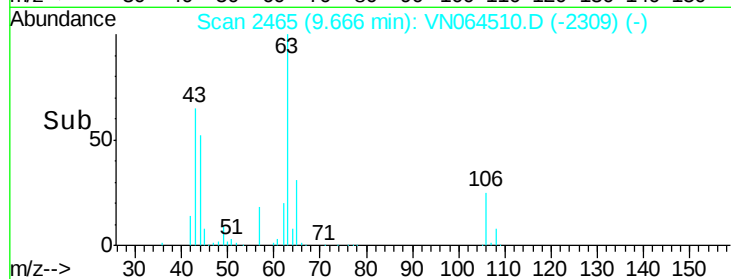
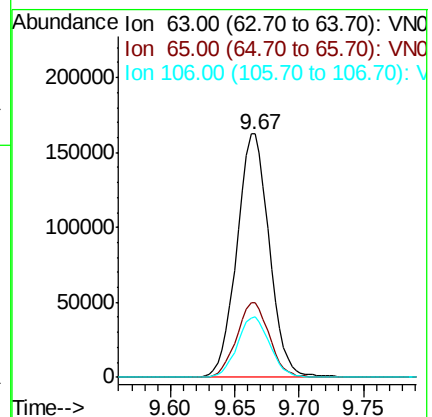
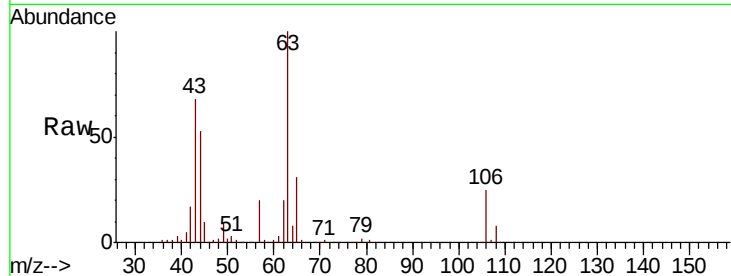
63 100

65 30.9 25.7 38.5

106 24.9 19.9 29.9

Manual Integrations  
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MMDadoda  
11/10/2020 1:10:40 PM



#56

Bromoform

Concen: 18.650 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

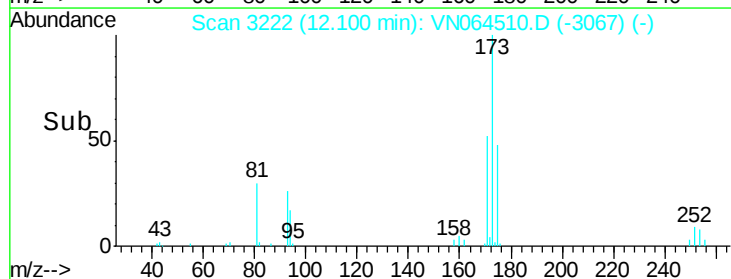
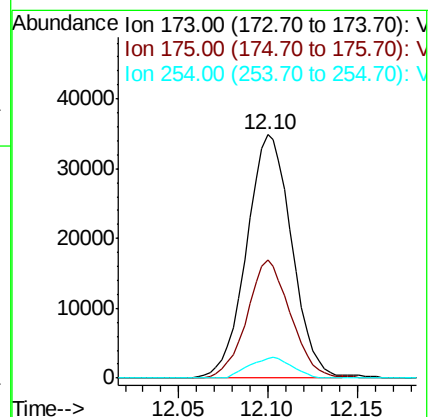
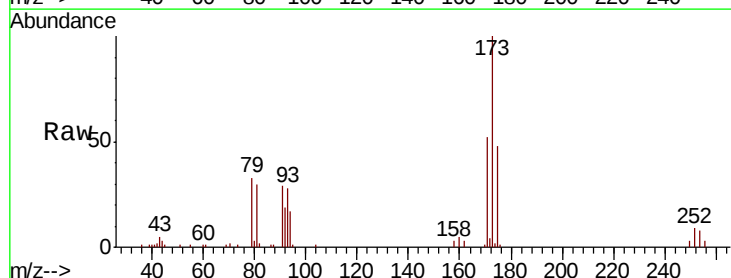
Tgt Ion: 173 Resp: 61634

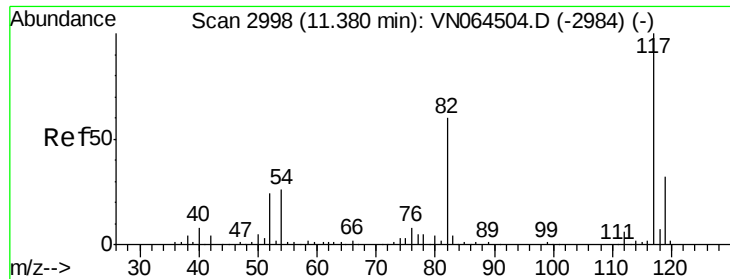
Ion Ratio Lower Upper

173 100

175 46.9 37.1 55.7

254 8.0 5.4 8.2





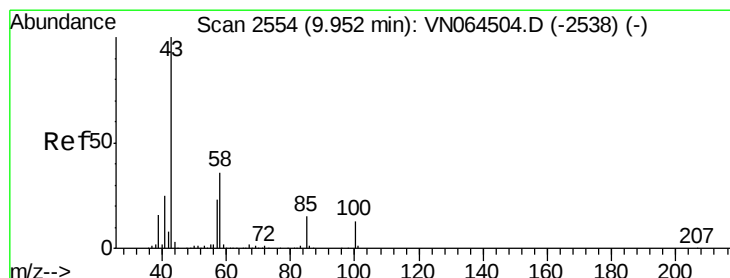
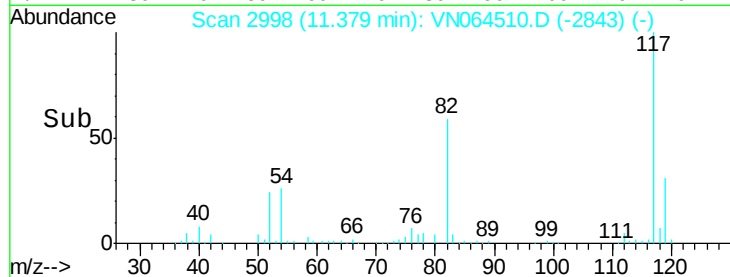
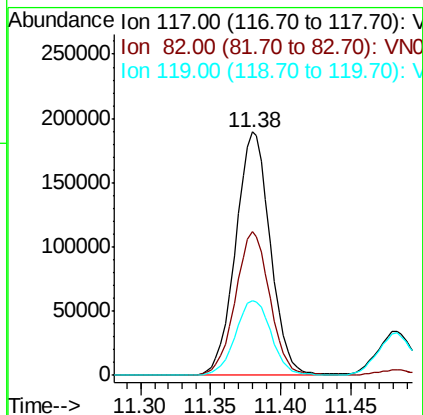
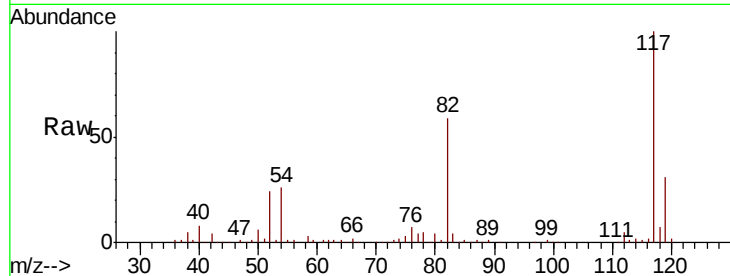
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.7  | 47.8  | 71.8  |
| 119     | 31.8  | 25.7  | 38.5  |

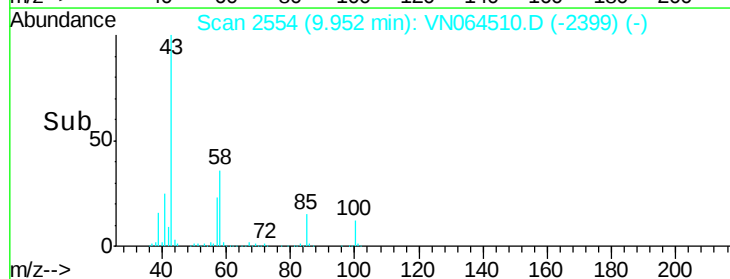
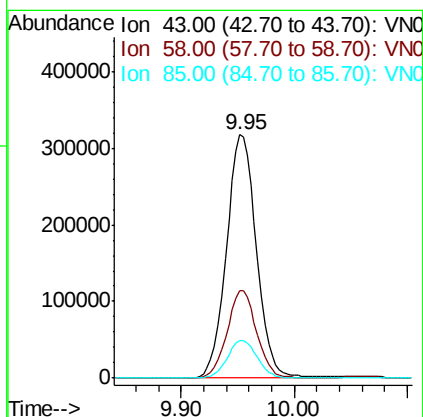
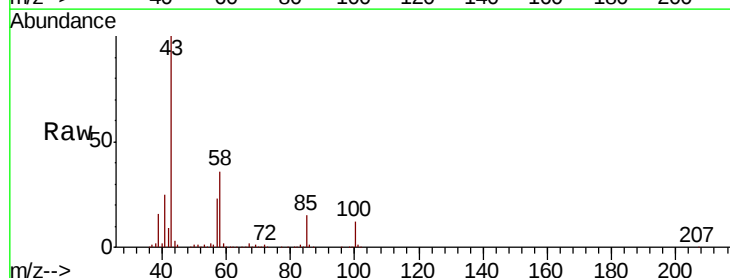
Manual Integrations  
APPROVED

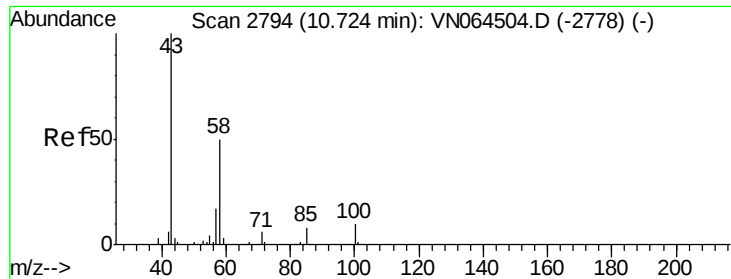
MMDadoda  
11/10/2020 1:10:40 PM



#58  
4-Methyl-2-Pentanone  
Concen: 97.019 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 35.4  | 28.8  | 43.2  |
| 85      | 15.7  | 12.3  | 18.5  |





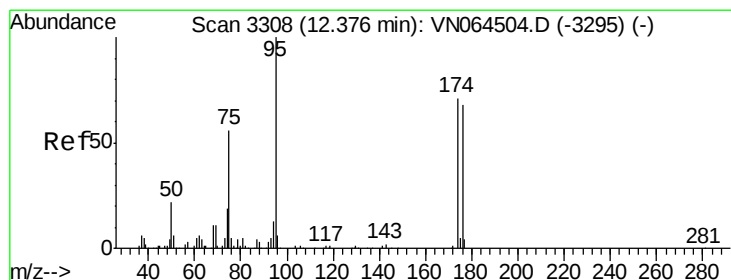
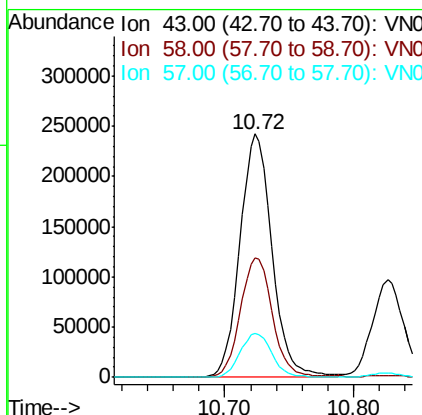
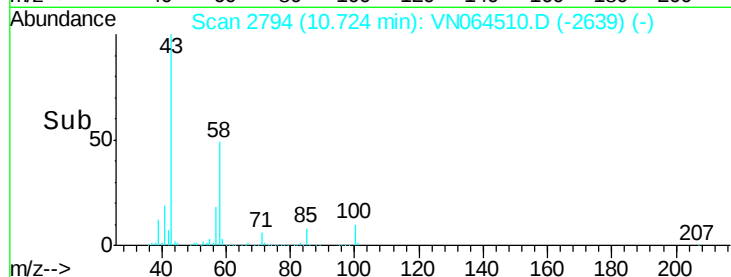
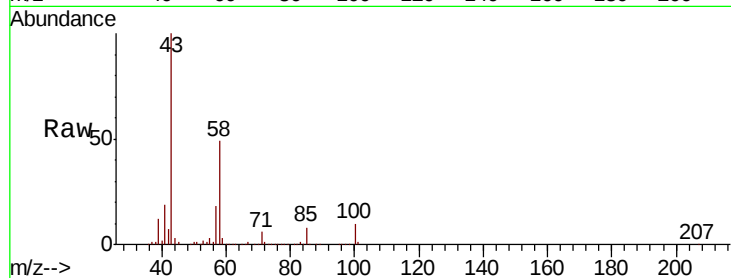
#59  
2-Hexanone  
Concen: 92.393 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 49.7  | 38.2  | 57.4  |
| 57      | 18.3  | 13.8  | 20.8  |

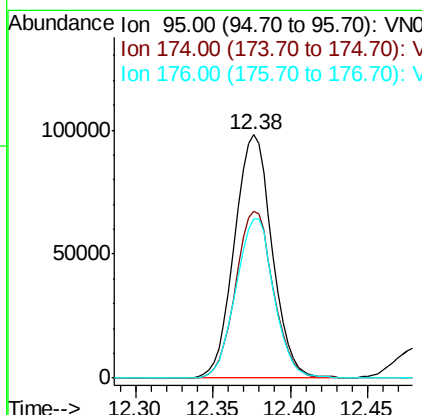
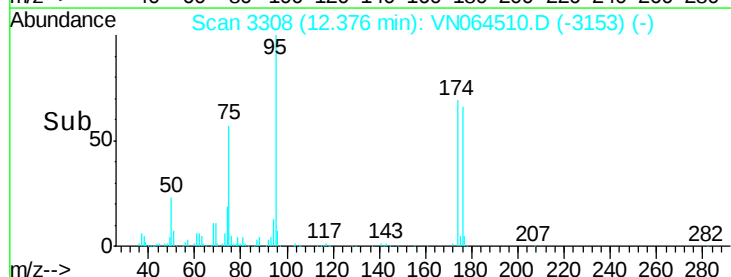
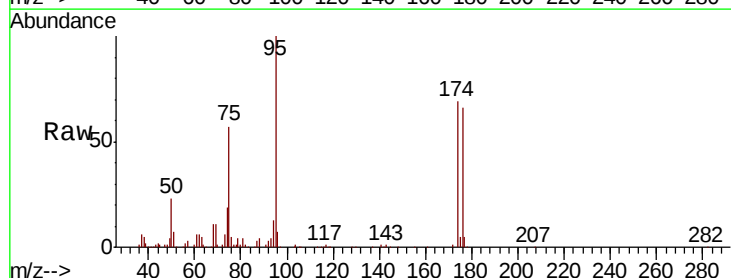
Manual Integrations  
APPROVED

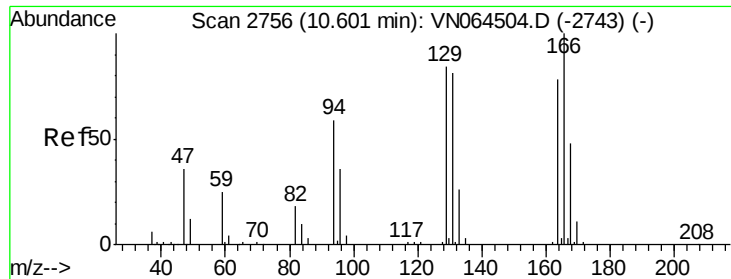
MMDadoda  
11/10/2020 1:10:40 PM



#60  
4-Bromofluorobenzene  
Concen: 29.717 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 69.0  | 56.4  | 84.6  |
| 176     | 66.3  | 53.3  | 79.9  |





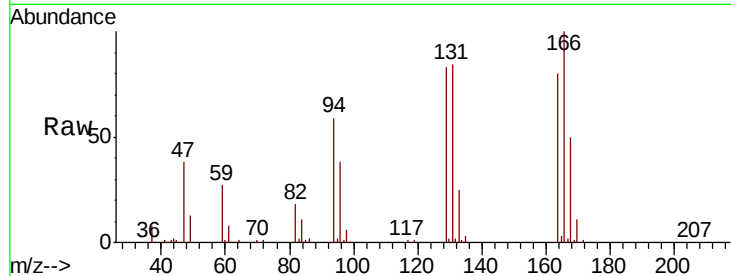
#61  
Tetrachloroethene  
Concen: 20.486 ug/l  
RT: 10.60 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.7 | 103.2 | 154.8 |
| 129     | 104.6 | 86.4  | 129.6 |
| 131     | 106.1 | 84.0  | 126.0 |

Manual Integrations  
APPROVED

MMDadoda  
11/10/2020 1:10:40 PM

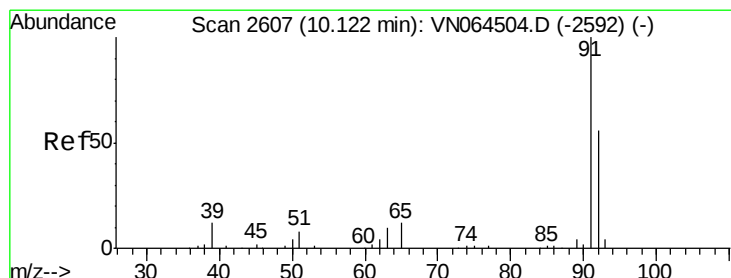
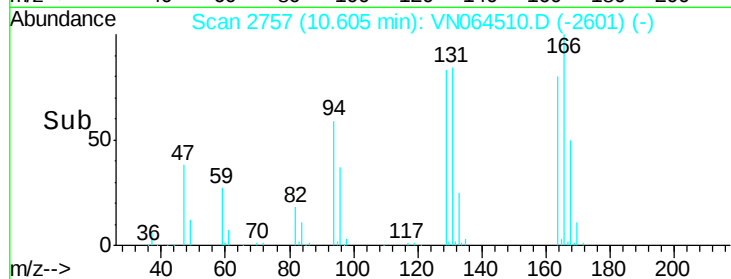
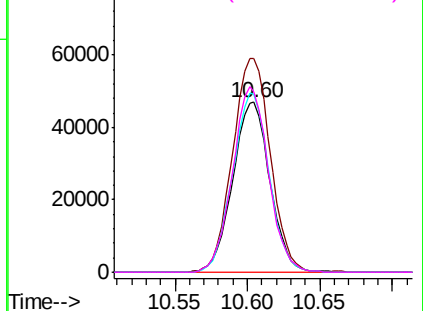


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

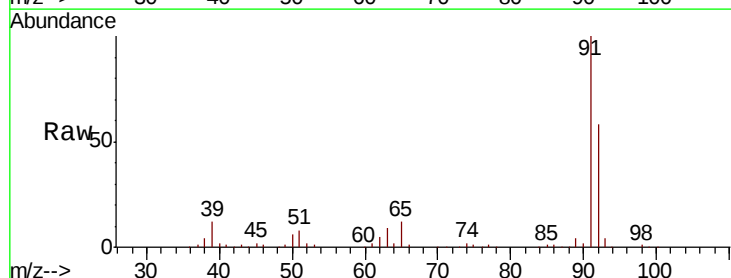
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



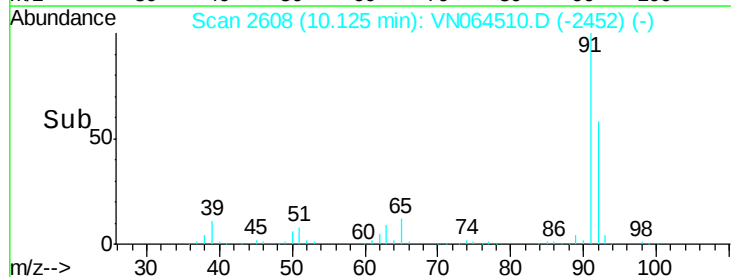
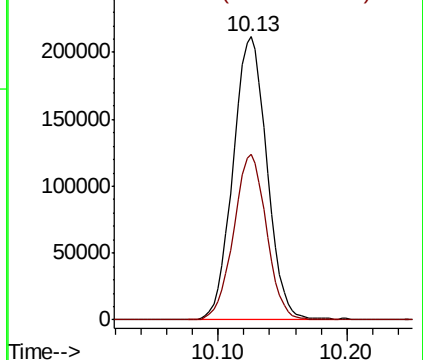
#62  
Toluene  
Concen: 20.165 ug/l  
RT: 10.13 min Scan# 2608  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

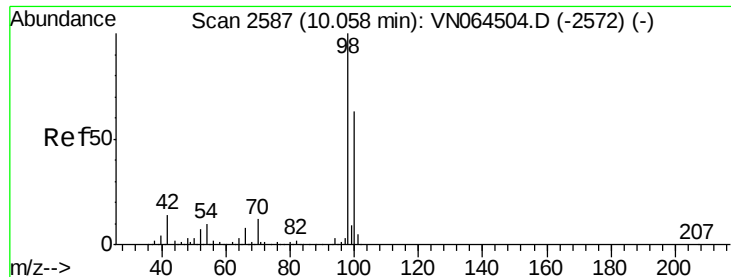
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 56.5  | 45.4  | 68.2  |



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





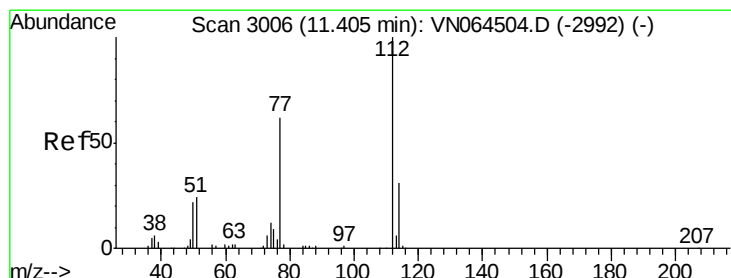
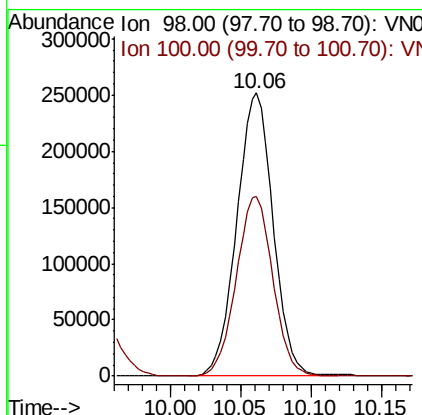
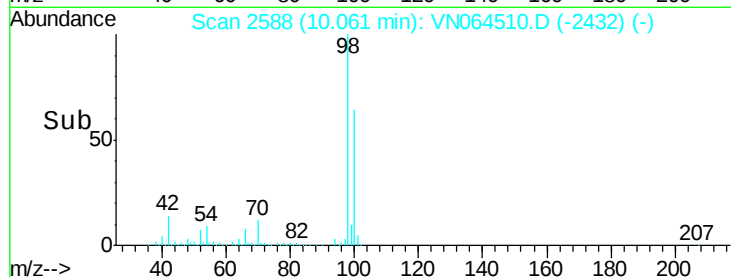
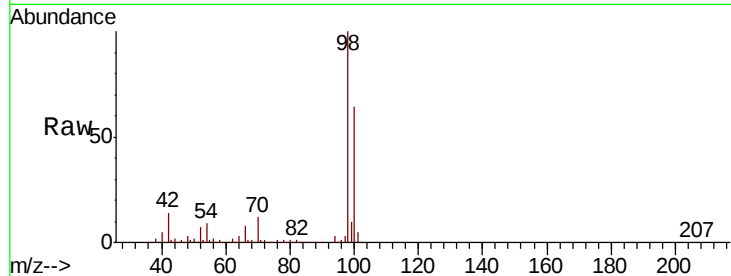
#63  
Toluene-d8  
Concen: 29.887 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

Tot Ion: 98 Resp: 455154  
Ion Ratio Lower Upper  
98 100  
100 63.9 49.4 74.2

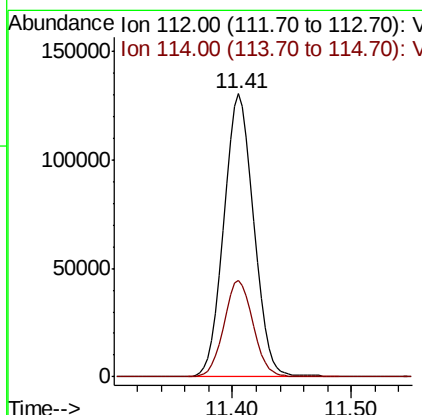
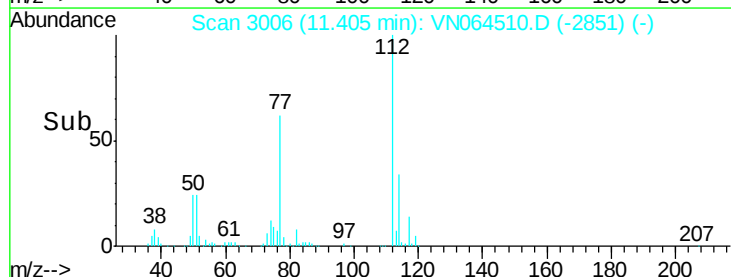
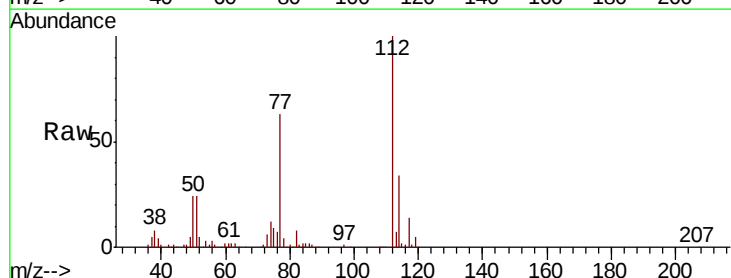
Manual Integrations  
APPROVED

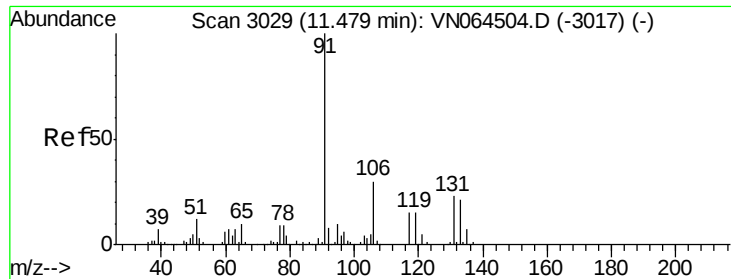
MMDadoda  
11/10/2020 1:10:40 PM



#64  
Chlorobenzene  
Concen: 19.961 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Tgt Ion: 112 Resp: 227539  
Ion Ratio Lower Upper  
112 100  
114 34.1 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.306 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

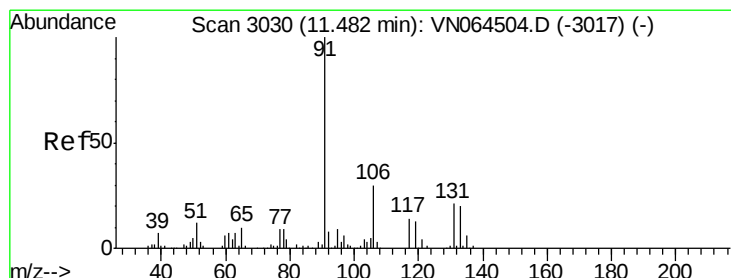
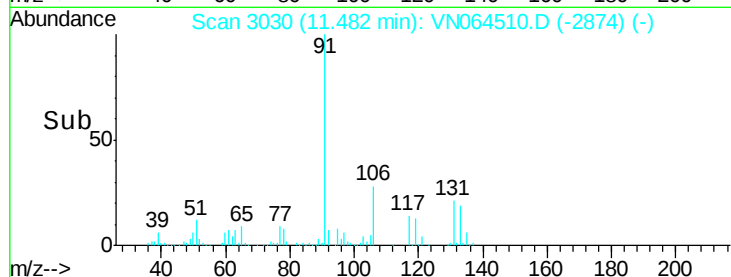
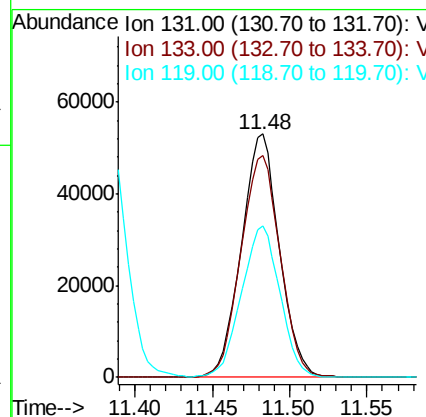
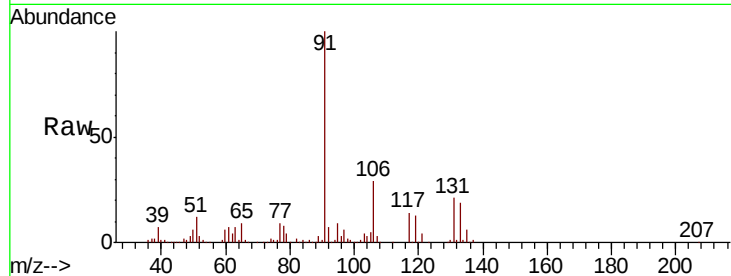
ClientSampleId :

VN1109WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 131   | Resp: | 90486 |
| Ion      | Ratio | Lower | Upper |
| 131      | 100   |       |       |
| 133      | 94.2  | 0.0   | 191.2 |
| 119      | 63.1  | 0.0   | 131.6 |

Manual Integrations  
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MMDadoda  
11/10/2020 1:10:40 PM



#66

Ethyl Benzene

Concen: 19.993 ug/l

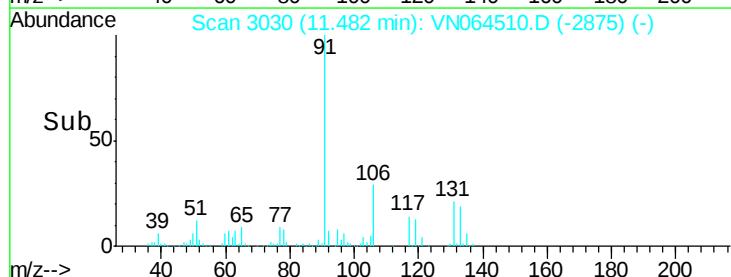
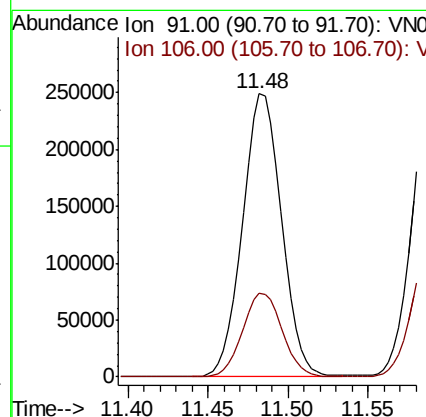
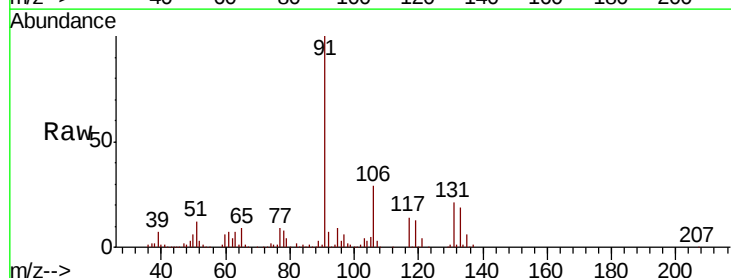
RT: 11.48 min Scan# 3030

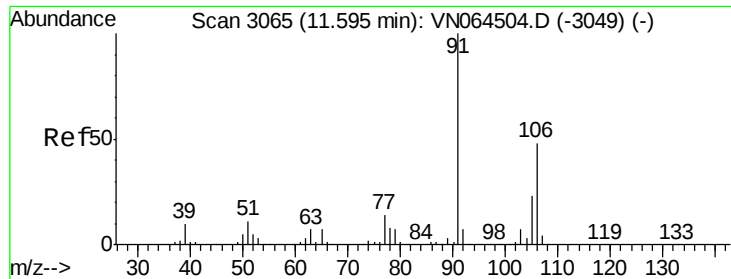
Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 413781 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 106      | 29.4  | 23.9  | 35.9   |





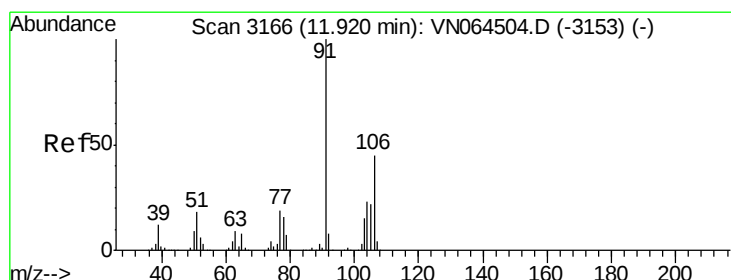
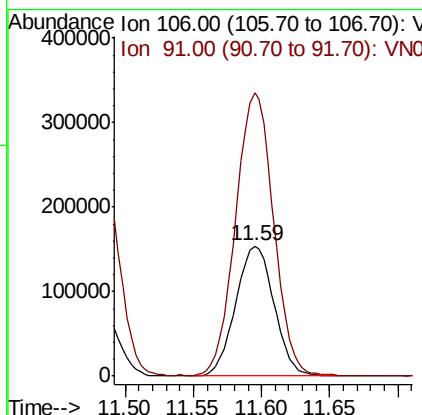
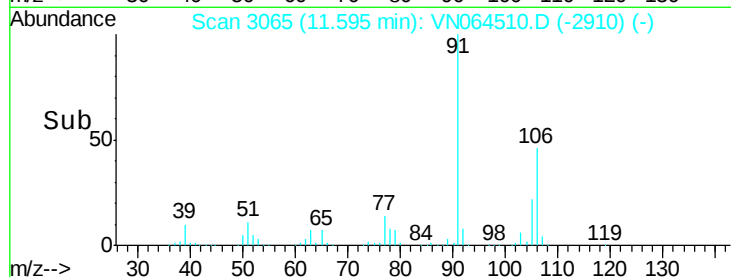
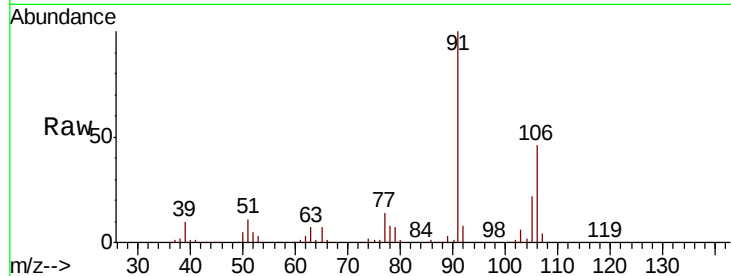
#67  
m/p-Xylenes  
Concen: 39.137 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

Tot Ion:106 Resp: 298965  
Ion Ratio Lower Upper  
106 100  
91 216.5 168.8 253.2

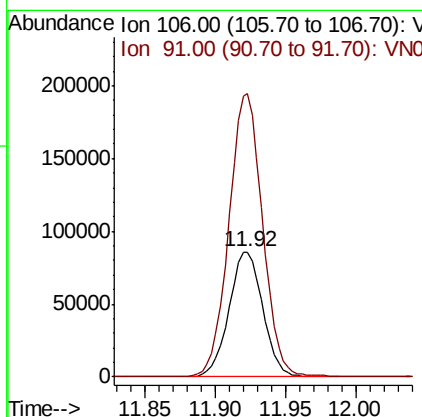
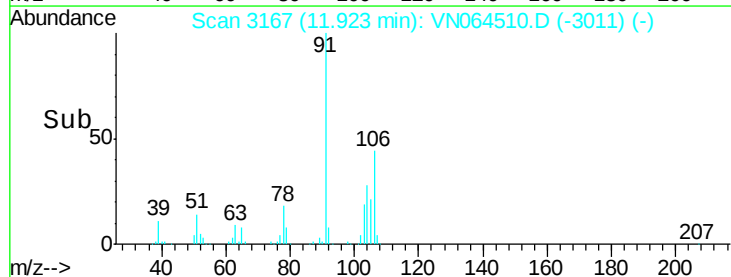
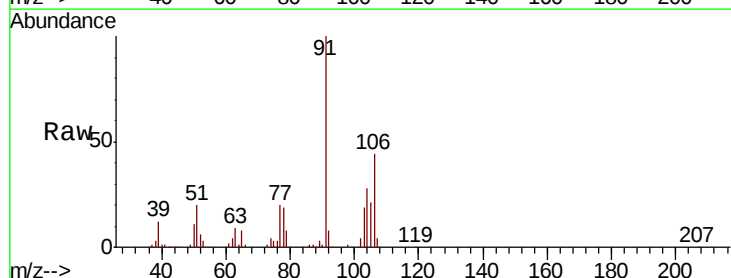
Manual Integrations  
APPROVED

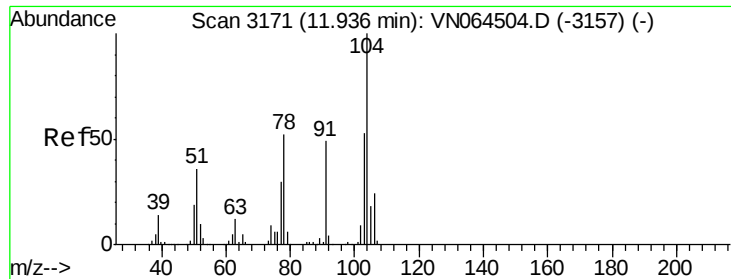
MMDadoda  
11/10/2020 1:10:40 PM



#68  
o-Xylene  
Concen: 19.904 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Tgt Ion:106 Resp: 143886  
Ion Ratio Lower Upper  
106 100  
91 224.6 109.7 329.2





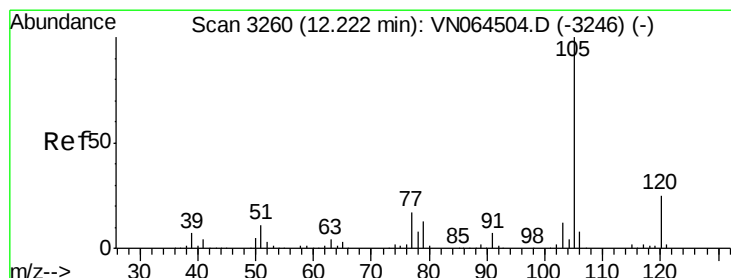
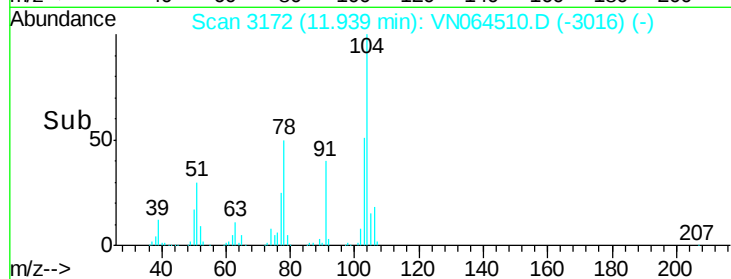
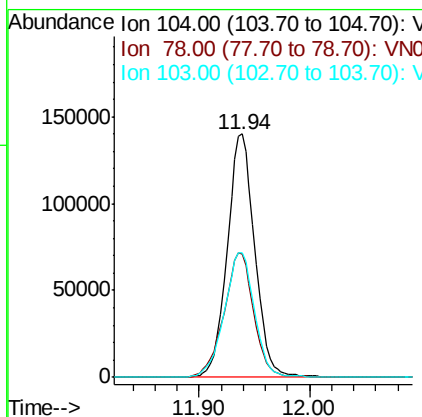
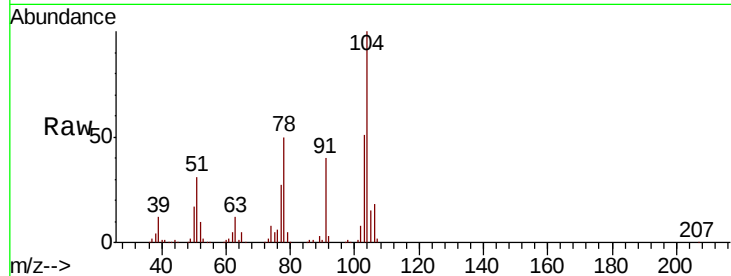
#69  
Stvrene  
Concen: 19.567 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 55.4  | 44.4  | 66.6  |
| 103     | 56.2  | 44.6  | 67.0  |

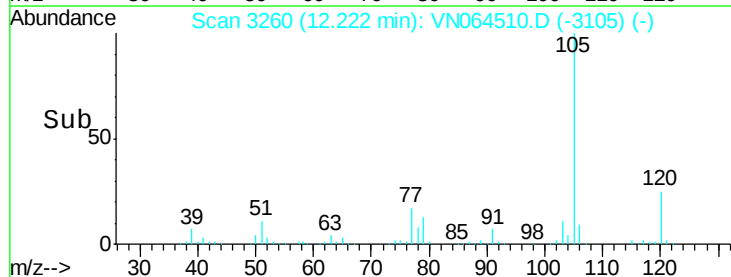
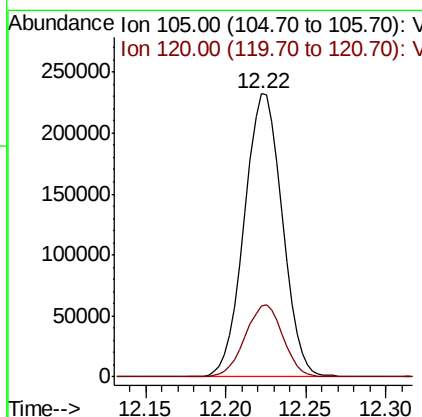
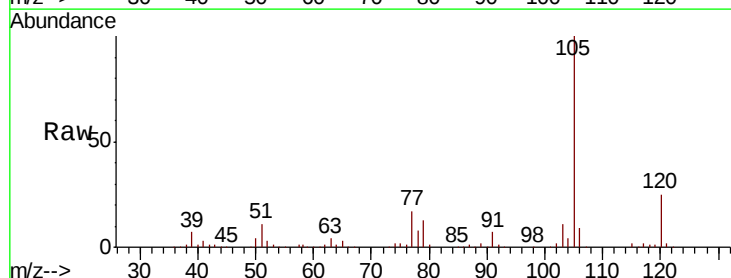
Manual Integrations  
APPROVED

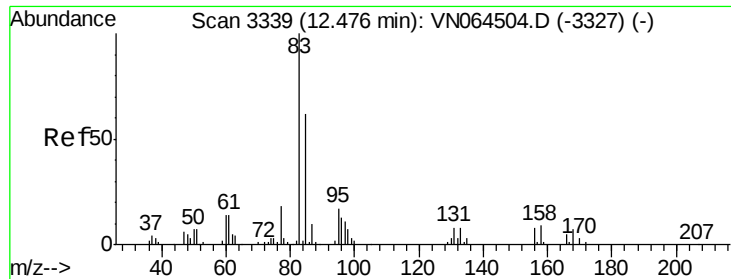
MMDadoda  
11/10/2020 1:10:40 PM



#70  
Isopropylbenzene  
Concen: 19.945 ug/l  
RT: 12.22 min Scan# 3260  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.5  | 17.9  | 33.3  |





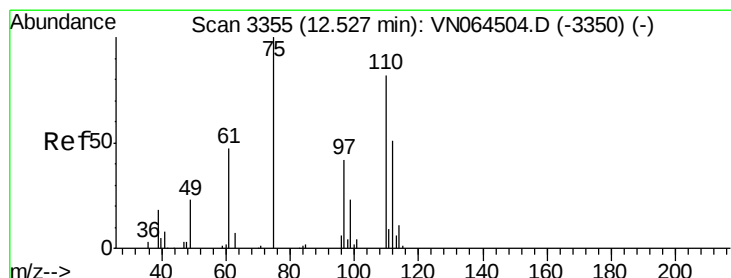
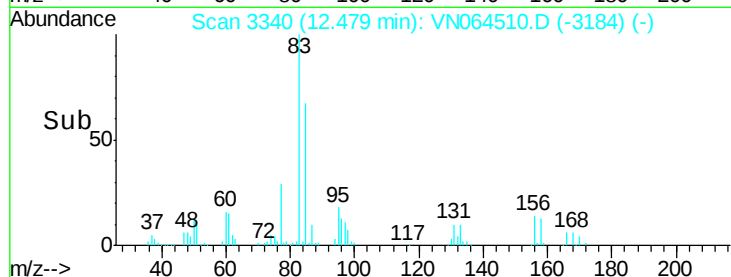
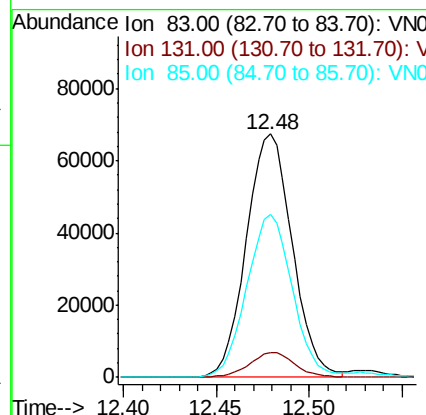
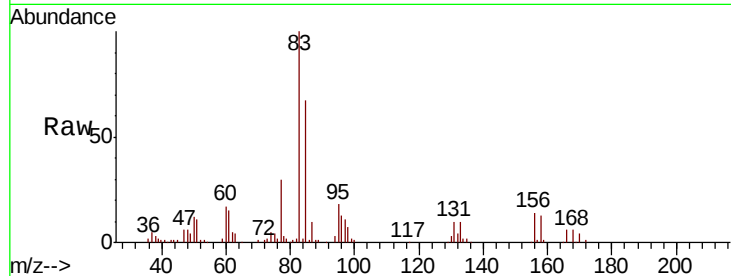
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.133 ug/l  
 RT: 12.48 min Scan# 3340  
 Delta R.T. 0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 131     | 10.2  | 4.6  | 13.8  |       |
| 85      | 66.3  | 31.4 | 94.0  |       |

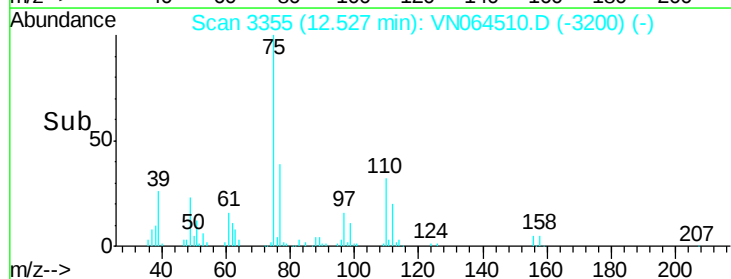
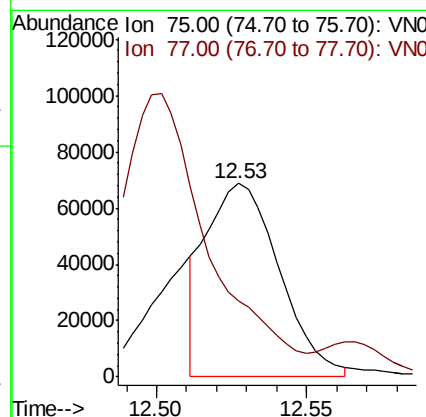
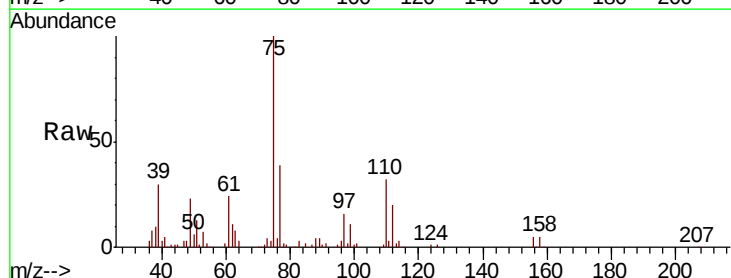
Manual Integrations  
 APPROVED

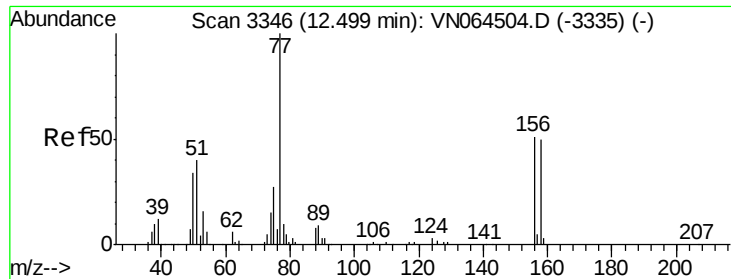
MMDadoda  
 11/10/2020 1:10:40 PM



#72  
 1,2,3-Trichloropropane  
 Concen: 19.162 ug/l m  
 RT: 12.53 min Scan# 3355  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 77      | 183.5 | 0.0  | 379.4 |       |





#73

Bromobenzene

Concen: 19.569 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

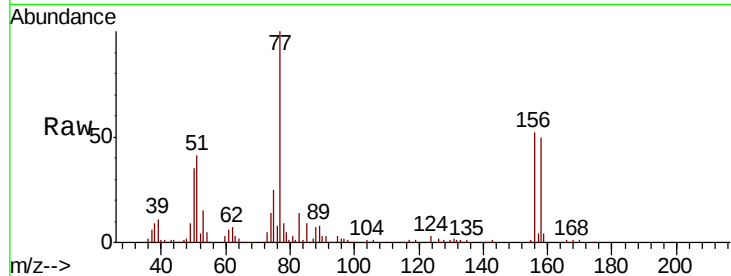
ClientSampleId :

VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 232.0 | 0.0   | 480.2 |
| 158     | 96.5  | 0.0   | 194.0 |

Manual Integrations  
APPROVED

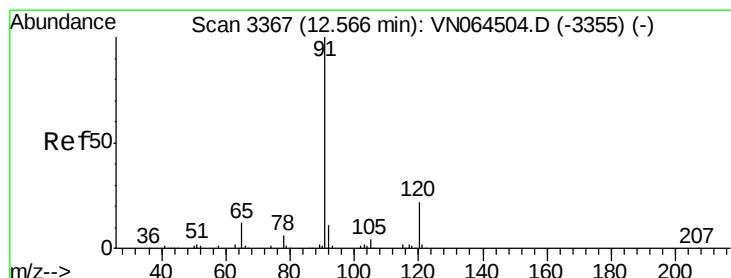
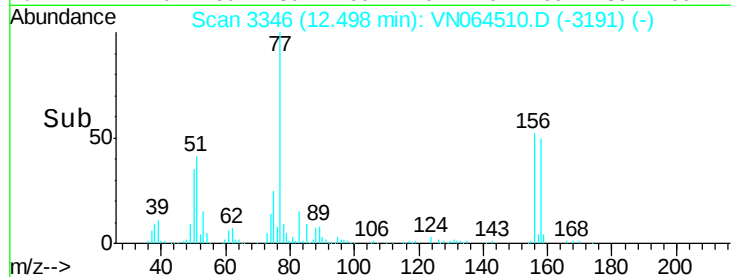
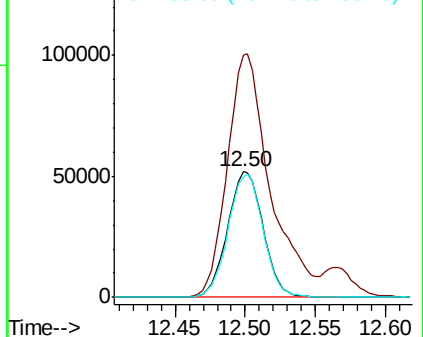
MMDadoda  
11/10/2020 1:10:40 PM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.949 ug/l

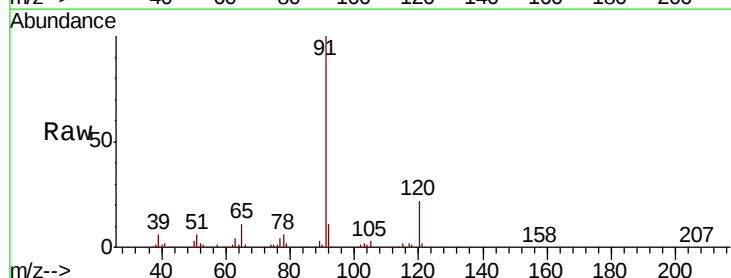
RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064510.D

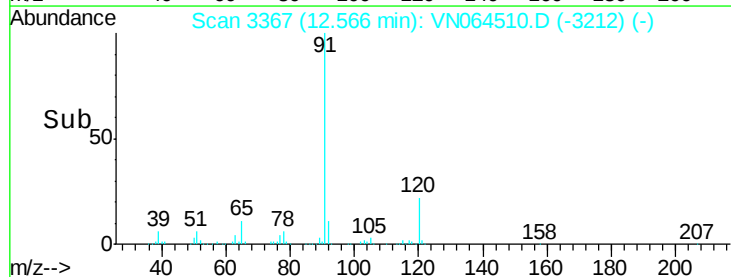
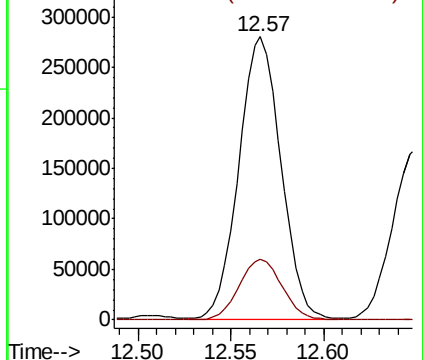
Acq: 9 Nov 2020 16:43

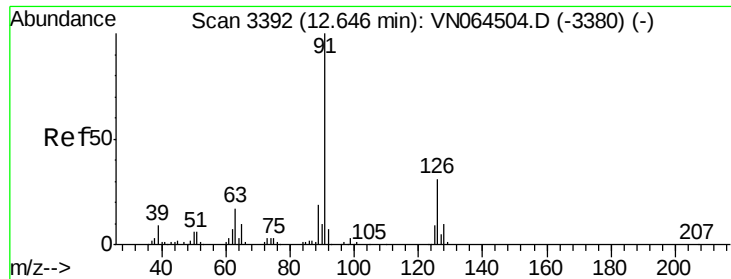
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.8  | 0.0   | 42.8  |



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.039 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

ClientSampleId :

VN1109WBS01

Tot Ion: 91 Resp: 280412

Ion Ratio Lower Upper

91 100

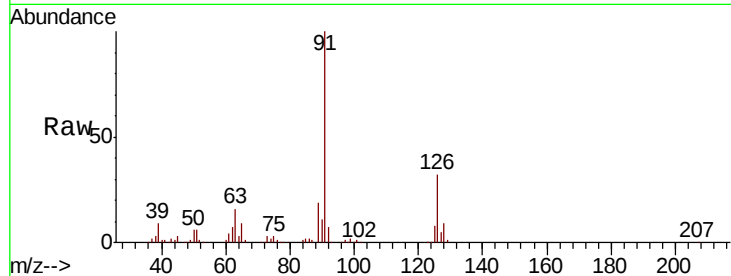
126 32.0 0.0 61.8

Manual Integrations

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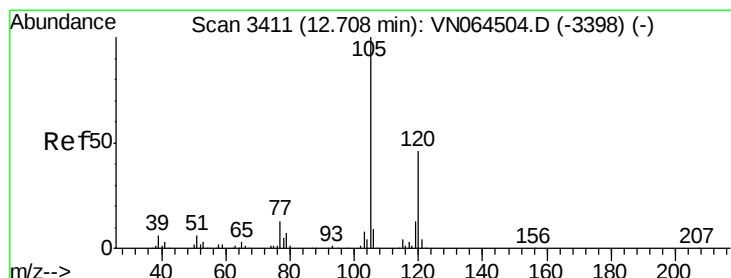
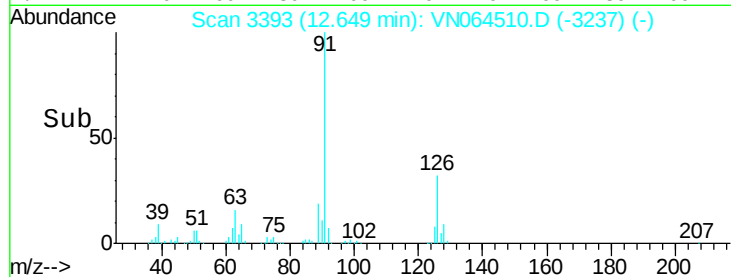
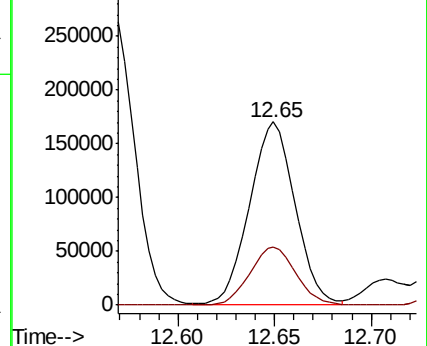
MMDadoda

11/10/2020 1:10:40 PM



Abundance Ion 91.00 (90.70 to 91.70): VN064510.D (-3237) (-)

Ion 126.00 (125.70 to 126.70): VN064510.D (-3237) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.996 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064510.D

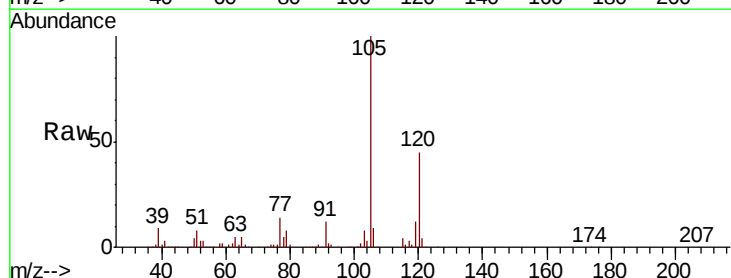
Acq: 9 Nov 2020 16:43

Tgt Ion: 105 Resp: 319398

Ion Ratio Lower Upper

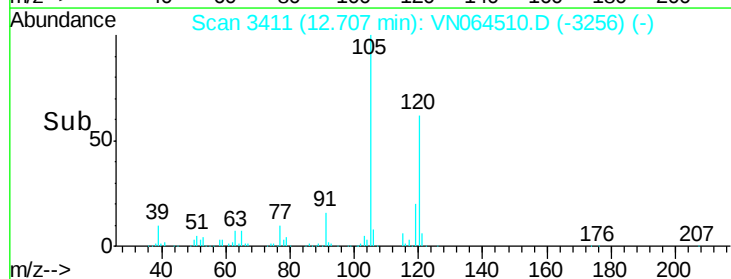
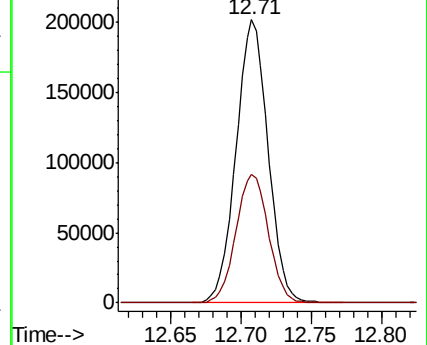
105 100

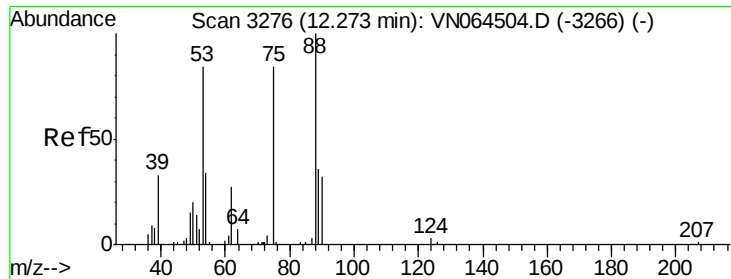
120 46.4 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064510.D (-3256) (-)

Ion 120.00 (119.70 to 120.70): VN064510.D (-3256) (-)





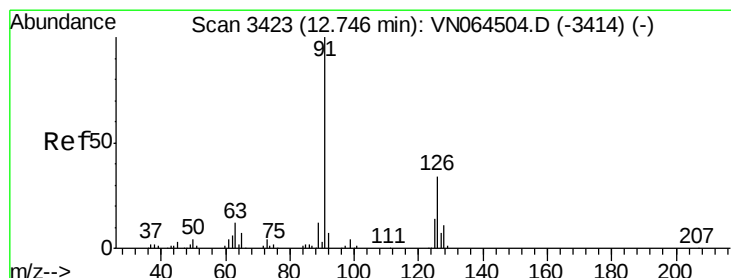
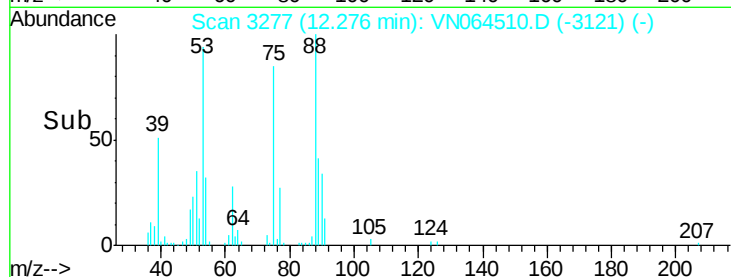
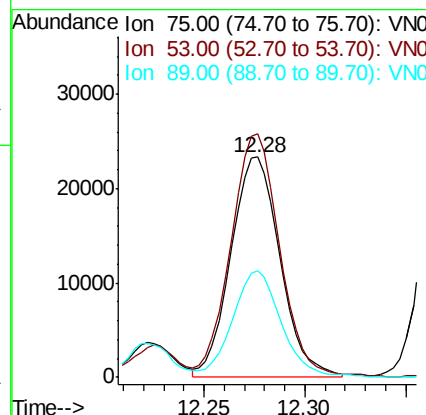
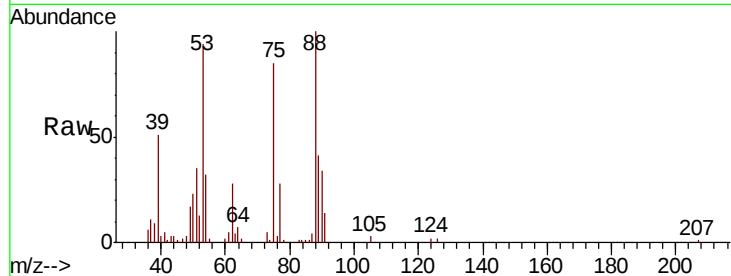
#77  
t-1,4-Dichloro-2-butene  
Concen: 18.161 ug/l  
RT: 12.28 min Scan# 3277  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 110.7 | 50.3  | 150.9 |
| 89      | 47.8  | 23.3  | 69.8  |

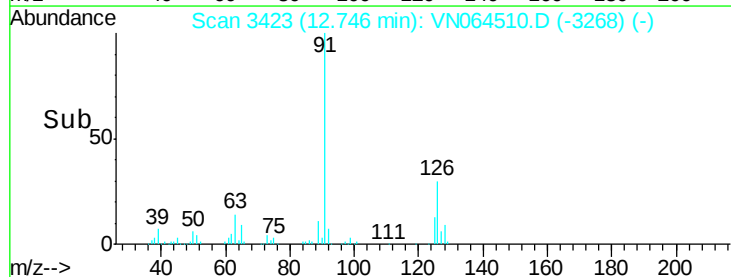
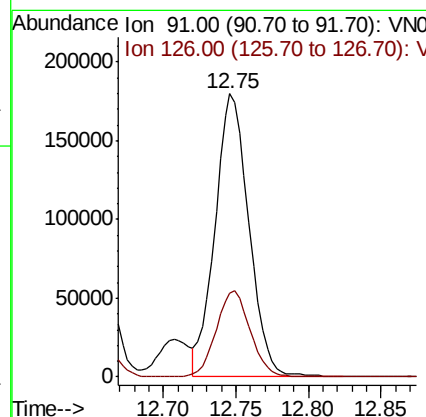
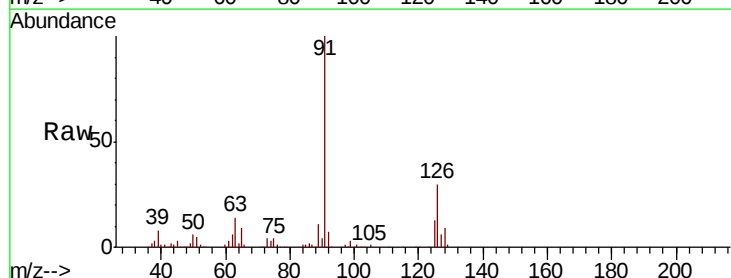
Manual Integrations  
APPROVED

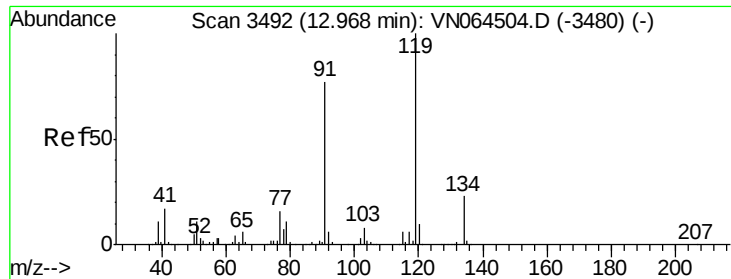
MMDadoda  
11/10/2020 1:10:40 PM



#78  
4-Chlorotoluene  
Concen: 19.922 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.1  | 0.0   | 61.8  |





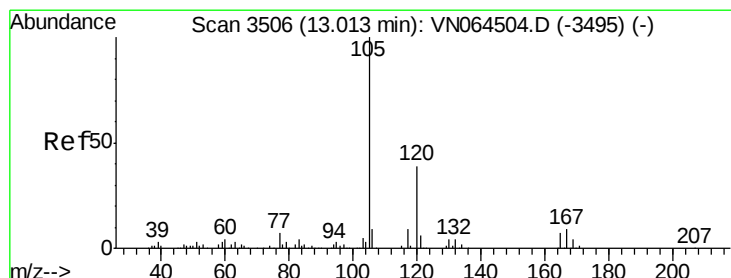
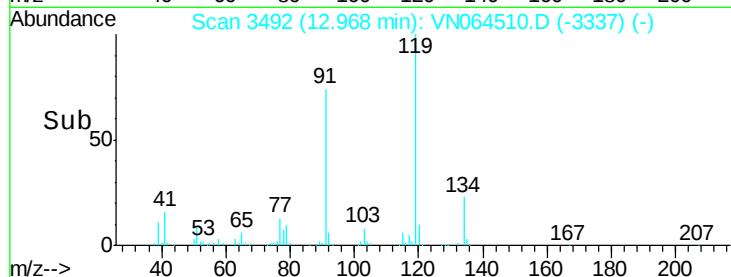
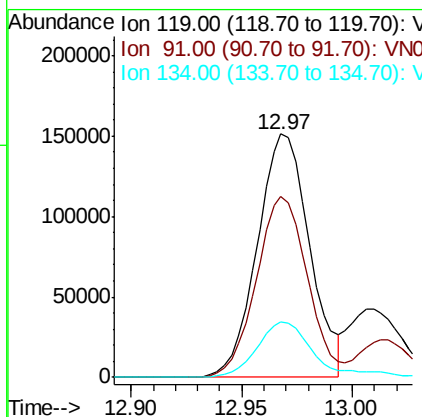
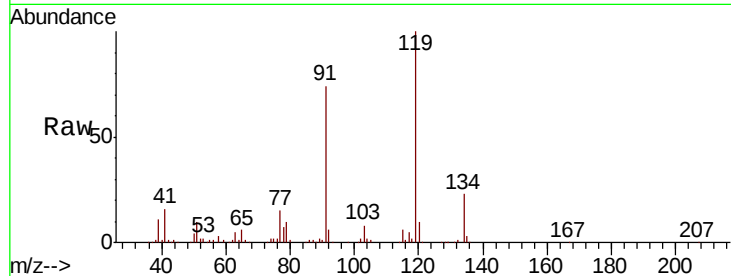
#79  
tert-butylbenzene  
Concen: 19.842 ug/l  
RT: 12.97 min Scan# 3492  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 248728 |       |       |
| 91      | 72.9  | 0.0    | 147.8 |       |
| 134     | 24.7  | 0.0    | 50.6  |       |

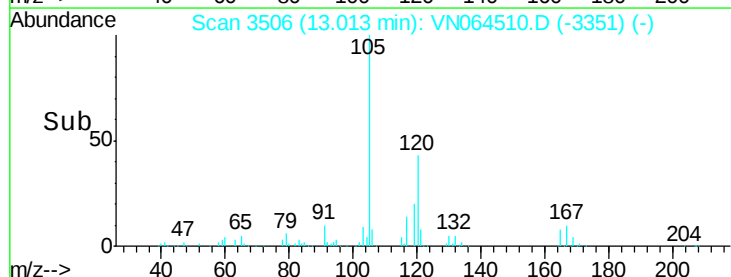
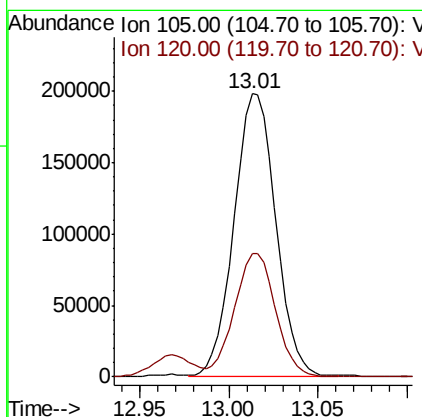
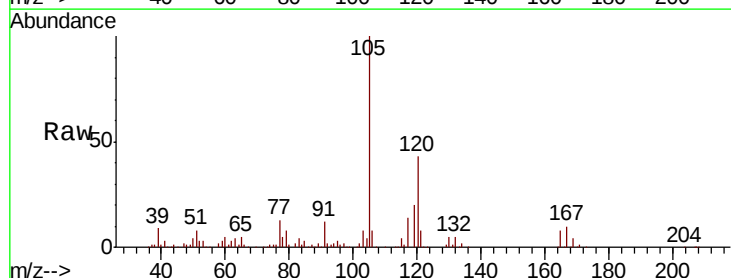
Manual Integrations  
APPROVED

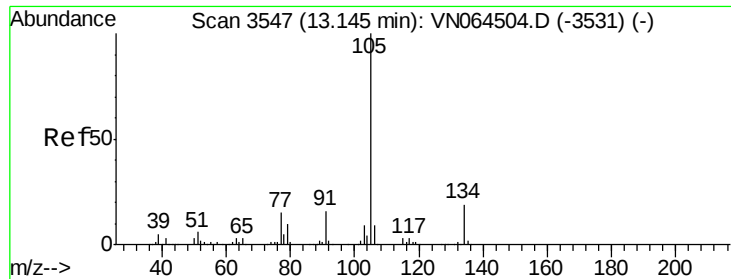
MMDadoda  
11/10/2020 1:10:40 PM



#80  
1,2,4-Trimethylbenzene  
Concen: 20.187 ug/l  
RT: 13.01 min Scan# 3506  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 324929 |       |       |
| 120     | 42.9  | 0.0    | 88.6  |       |





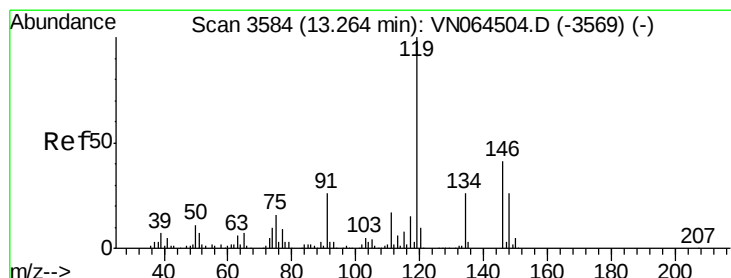
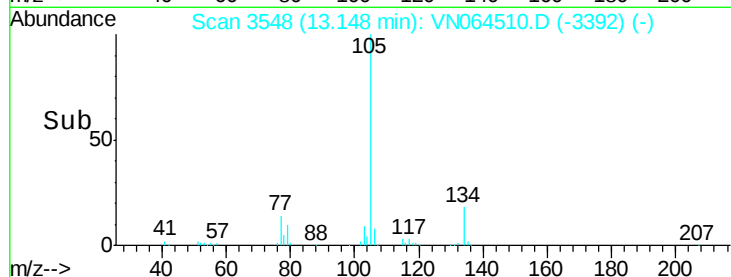
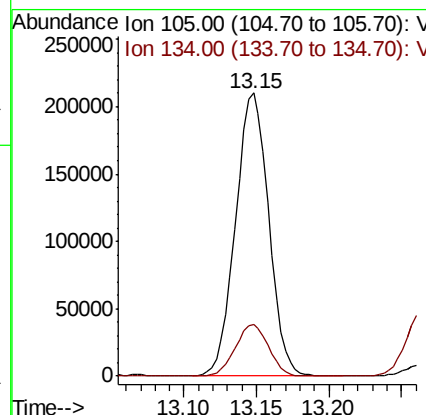
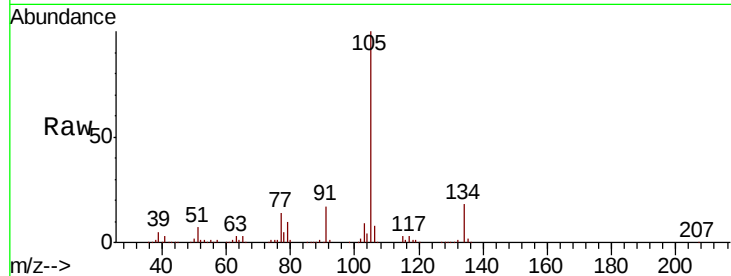
#81  
 sec-Butylbenzene  
 Concen: 20.053 ug/l  
 RT: 13.15 min Scan# 3548  
 Delta R.T. 0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 18.3  | 0.0   | 37.8  |

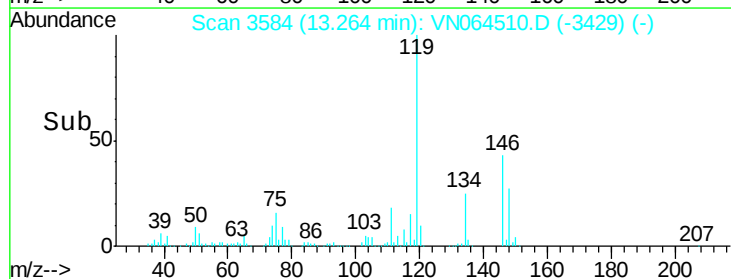
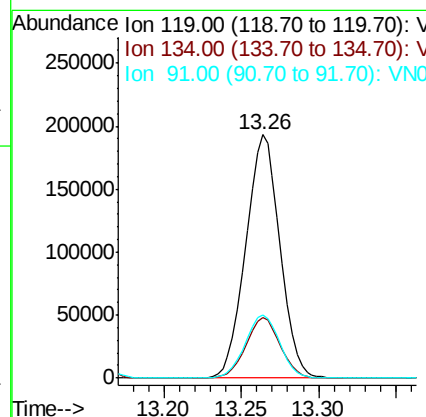
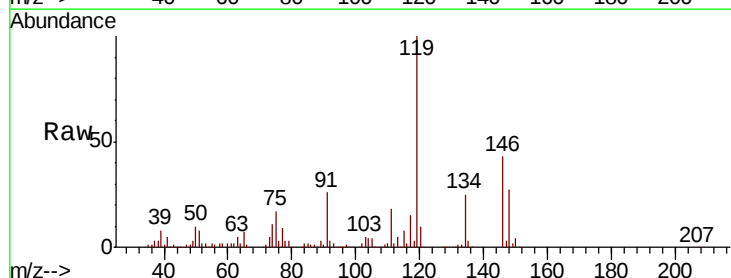
Manual Integrations  
 APPROVED

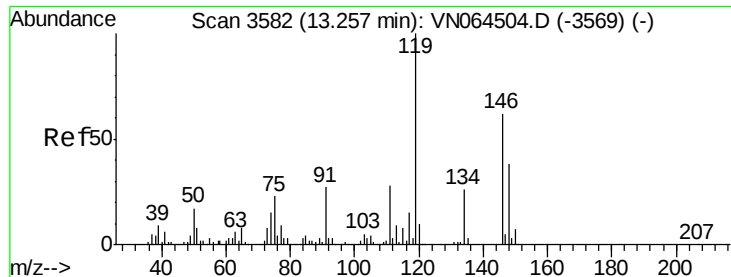
MMDadoda  
 11/10/2020 1:10:40 PM



#82  
 p-Isopropyltoluene  
 Concen: 20.025 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 24.7  | 0.0   | 53.0  |
| 91      | 26.2  | 0.0   | 53.2  |





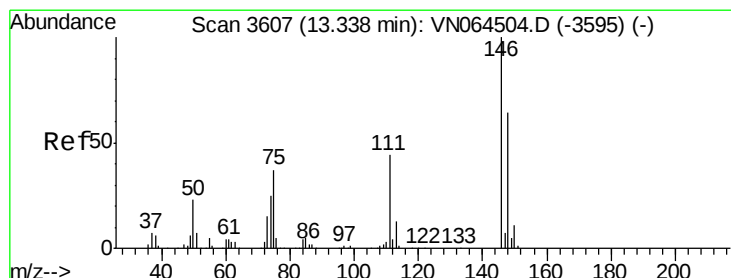
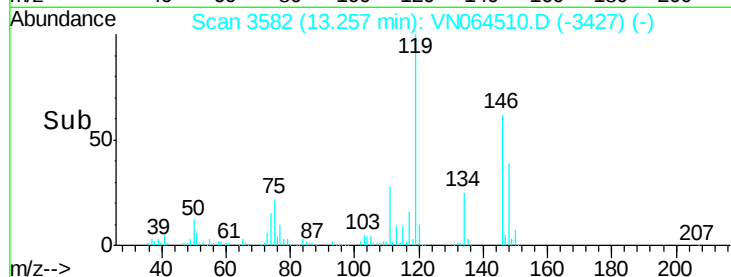
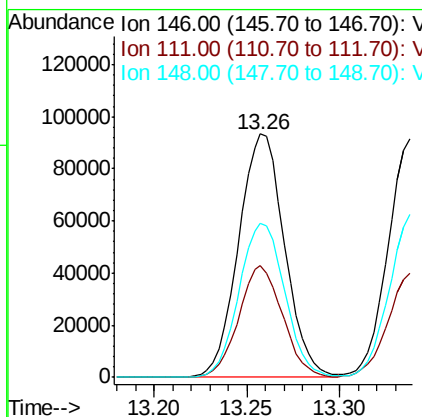
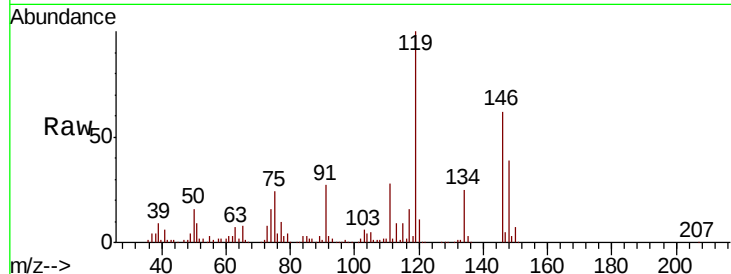
#83  
1,3-Dichlorobenzene  
Concen: 19.516 ug/l  
RT: 13.26 min Scan# 3582  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 22.3  | 66.9  |
| 148     | 62.9  | 31.8  | 95.3  |

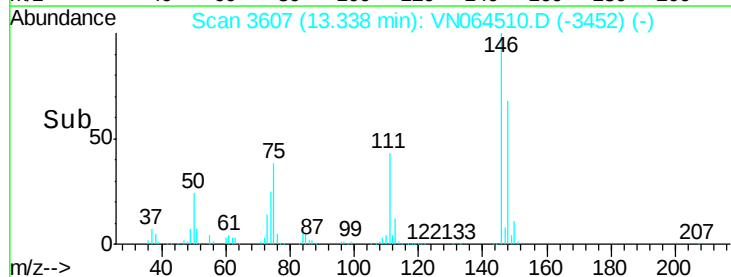
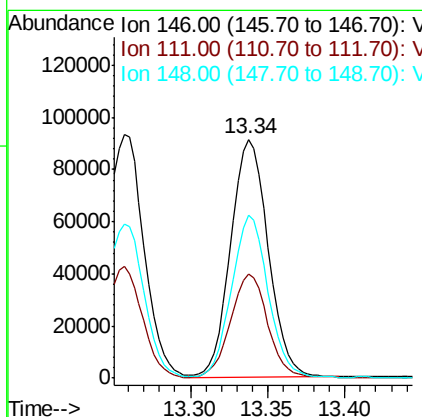
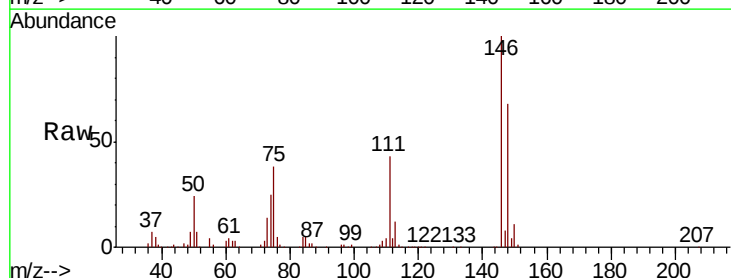
Manual Integrations  
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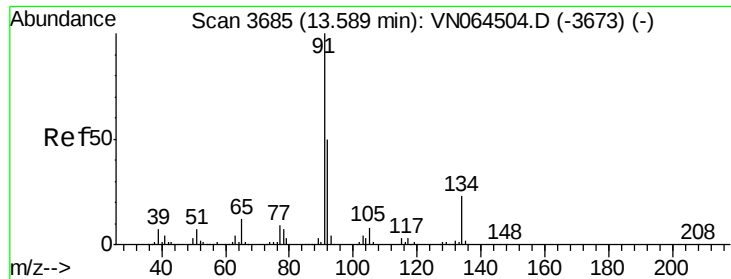
MMDadoda  
11/10/2020 1:10:40 PM



#84  
1,4-Dichlorobenzene  
Concen: 18.826 ug/l  
RT: 13.34 min Scan# 3607  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.9  | 21.8  | 65.4  |
| 148     | 66.1  | 31.5  | 94.5  |





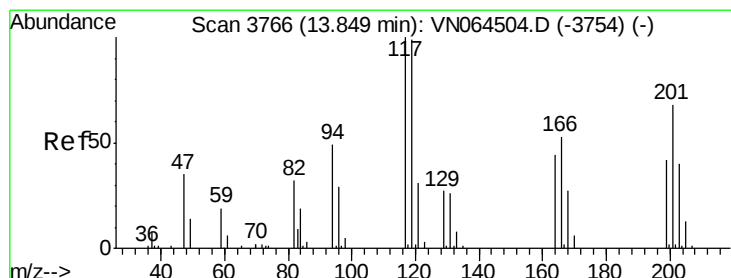
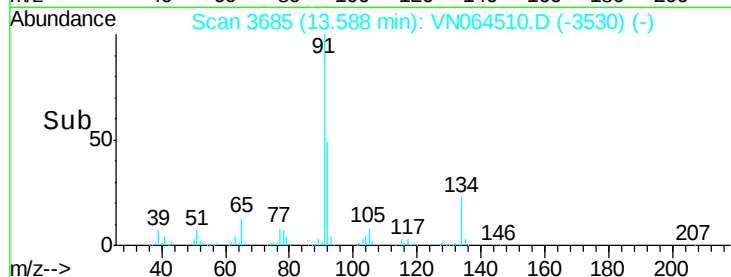
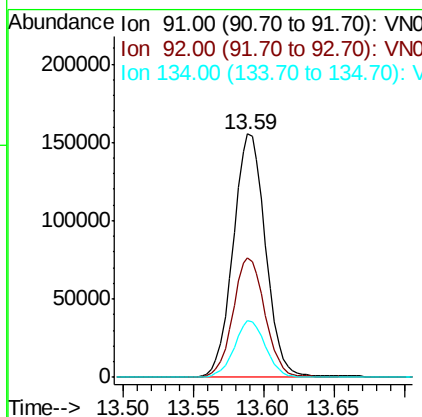
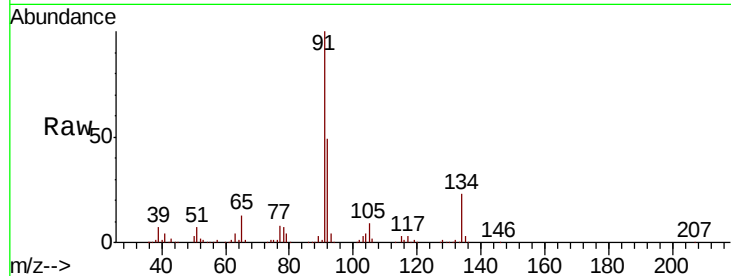
#85  
n-Butylbenzene  
Concen: 19.463 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 250484 |       |       |
| 92      | 48.7  |        | 0.0   | 101.4 |
| 134     | 22.5  |        | 0.0   | 45.2  |

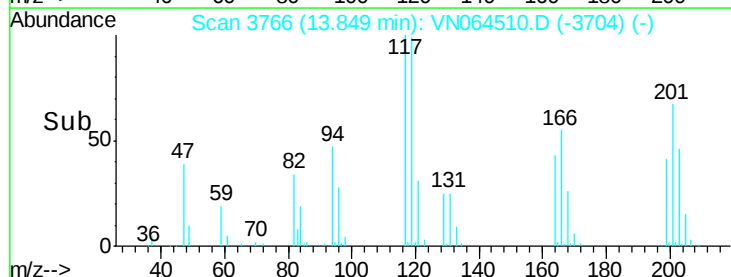
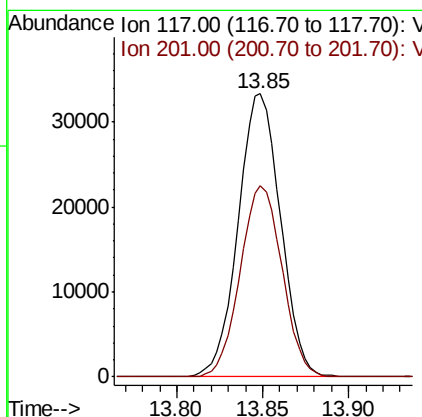
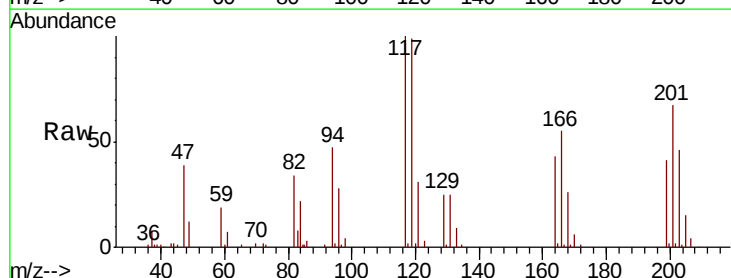
Manual Integrations  
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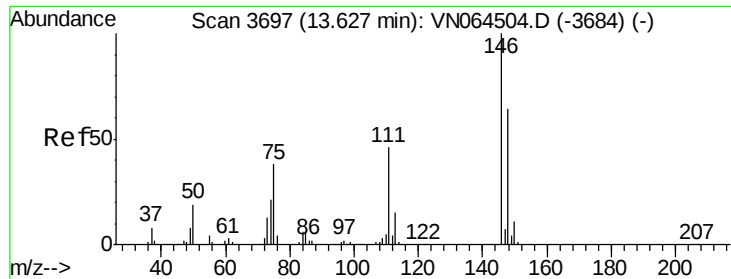
MMDadoda  
11/10/2020 1:10:40 PM



#86  
Hexachloroethane  
Concen: 19.325 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 57165 |       |       |
| 201     | 66.7  |       | 33.1  | 99.3  |





#87

1,2-Dichlorobenzene

Concen: 19.766 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA\_N

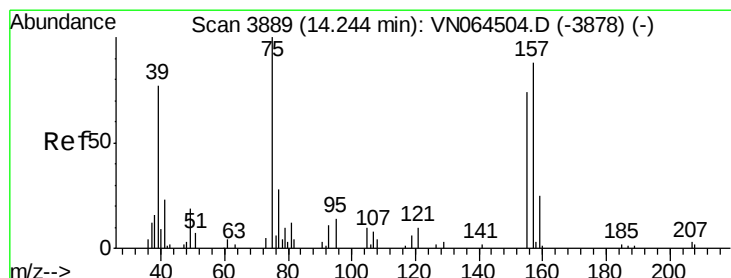
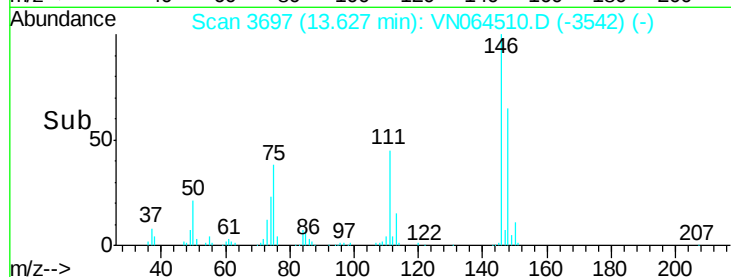
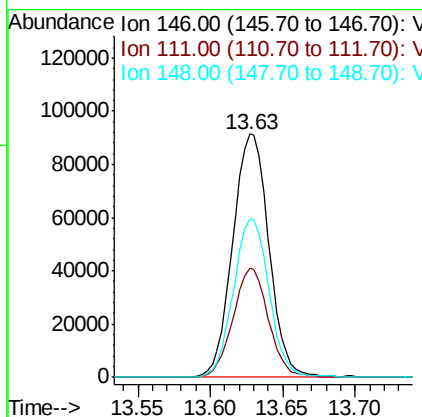
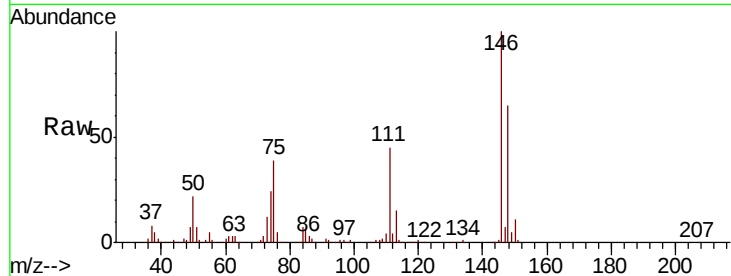
ClientSampleId :

VN1109WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 158521 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 44.1  | 23.1  | 69.2   |
| 148       | 64.2  | 32.6  | 97.8   |

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11/10/2020 1:10:40 PM



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.087 ug/l

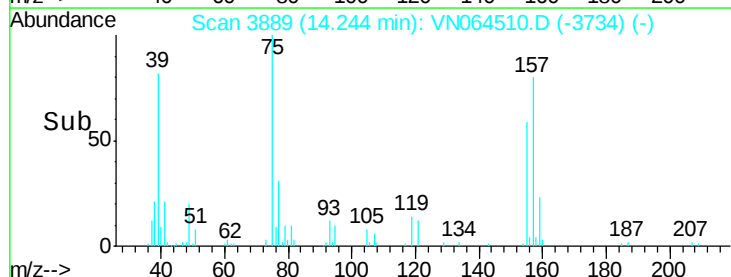
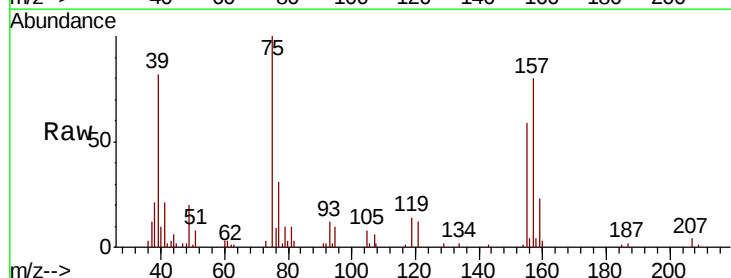
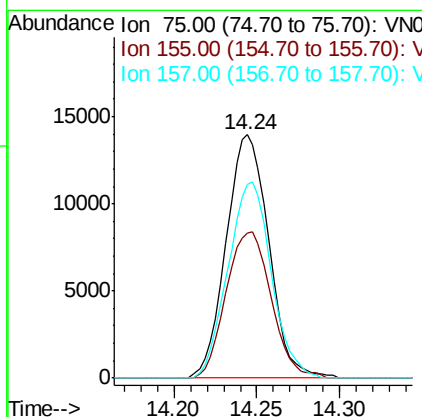
RT: 14.24 min Scan# 3889

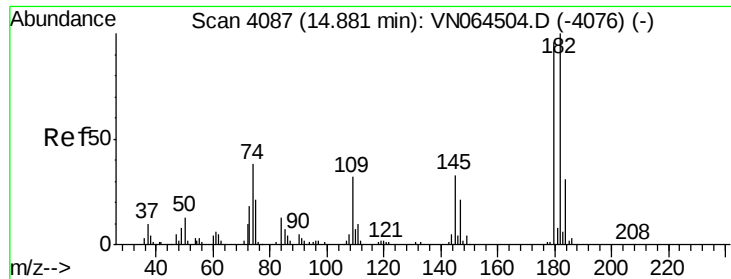
Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 24987 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 63.1  | 56.5  | 84.7  |
| 157       | 81.6  | 69.7  | 104.5 |





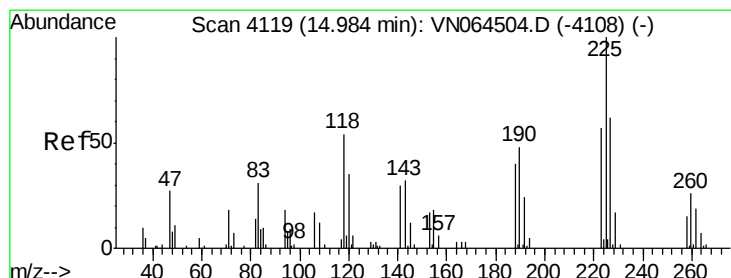
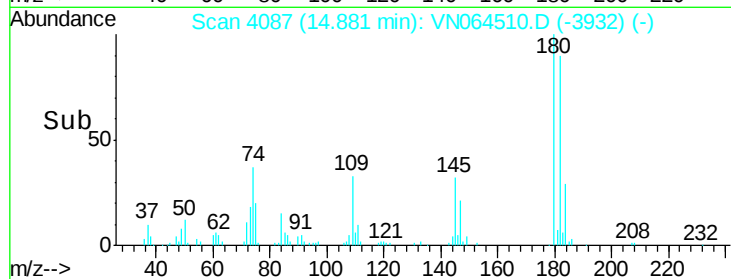
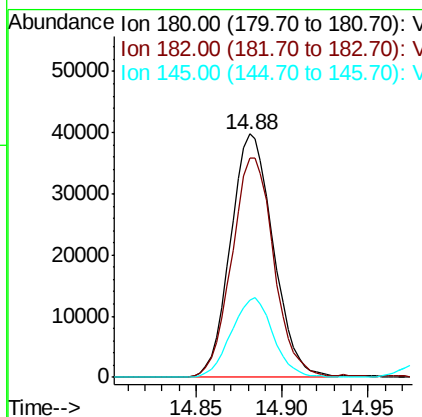
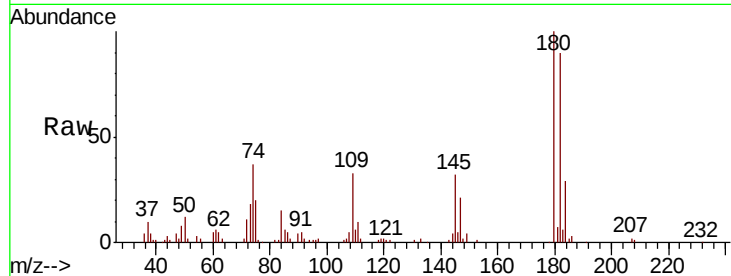
#89  
 1,2,4-Trichlorobenzene  
 Concen: 18.862 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 88.8  | 79.4  | 119.0 |
| 145     | 31.9  | 27.6  | 41.4  |

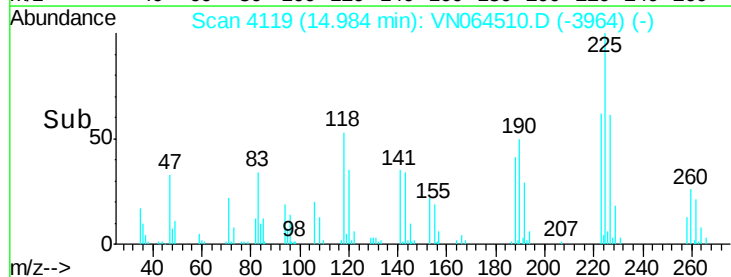
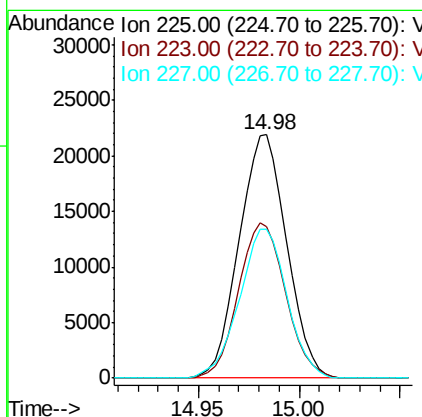
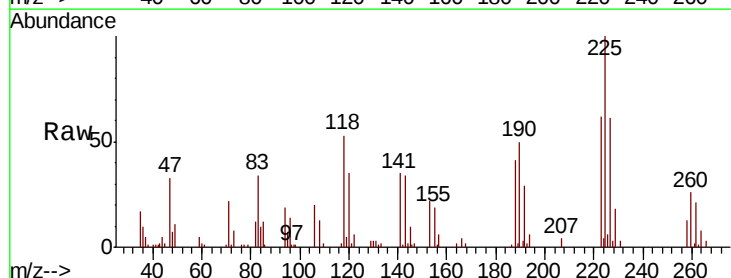
Manual Integrations  
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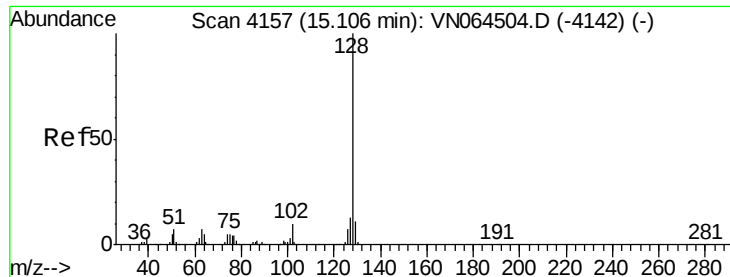
MMDadoda  
 11/10/2020 1:10:40 PM



#90  
 Hexachlorobutadiene  
 Concen: 19.989 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. -0.00 min  
 Lab File: VN064510.D  
 Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.9  | 0.0   | 125.4 |
| 227     | 61.1  | 0.0   | 122.0 |





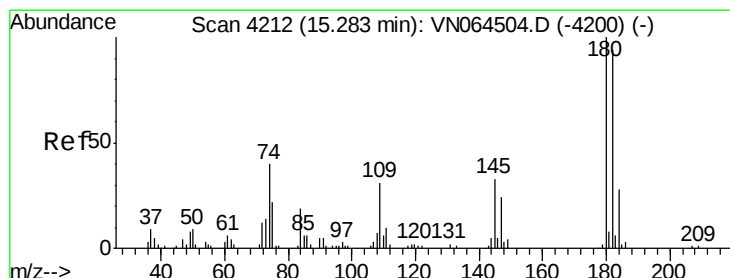
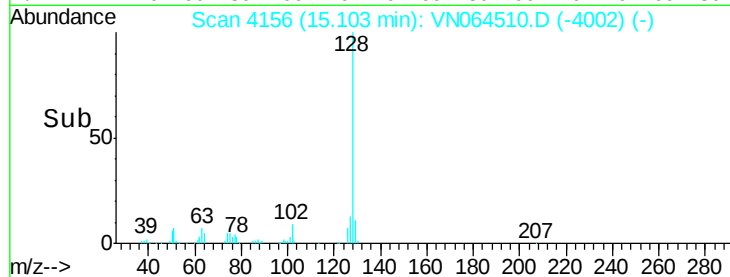
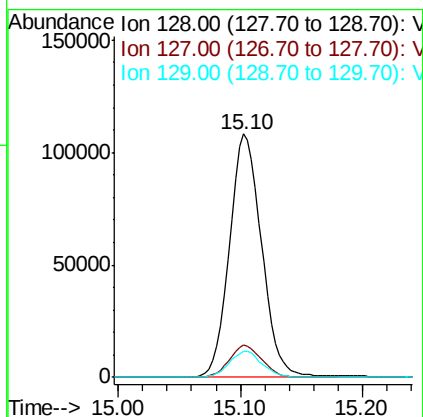
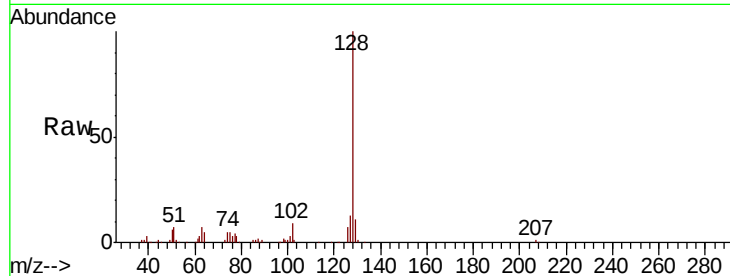
#91  
Naphthalene  
Concen: 16.477 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. -0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1109WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.2  | 15.4  |
| 129     | 10.9  | 8.5   | 12.7  |

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11/10/2020 1:10:40 PM



#92  
1,2,3-Trichlorobenzene  
Concen: 17.885 ug/l  
RT: 15.29 min Scan# 4213  
Delta R.T. 0.00 min  
Lab File: VN064510.D  
Acq: 9 Nov 2020 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 0.0   | 186.0 |
| 145     | 34.3  | 0.0   | 69.6  |

