

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\  
 Data File : VN064845.D  
 Acq On : 25 Nov 2020 9:37  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

SAM  
 11/27/2020 1:37:02 PM

Quant Time: Nov 26 03:46:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 200251   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 302290   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 276888   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 138901   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 7.98   | 65    | 106965   | 45.95    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 91.90%  |
| 35) Dibromofluoromethane  | 7.54   | 113   | 94443    | 52.21    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 104.42% |
| 50) Toluene-d8            | 10.06  | 98    | 372259   | 50.37    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 100.74% |
| 62) 4-Bromofluorobenzene  | 12.37  | 95    | 133559   | 50.50    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 101.00% |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 82630   | 47.611  | ug/l | 99     |
| 3) Chloromethane              | 2.04 | 50  | 104190  | 46.197  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 113401  | 48.228  | ug/l | 96     |
| 5) Bromomethane               | 2.53 | 94  | 70476   | 45.684  | ug/l | 97     |
| 6) Chloroethane               | 2.67 | 64  | 70112   | 48.210  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 161564  | 49.707  | ug/l | 98     |
| 8) Diethyl Ether              | 3.37 | 74  | 63494   | 49.490  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 99374   | 50.966  | ug/l | 98     |
| 10) Methyl Iodide             | 3.90 | 142 | 111663  | 44.152  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.74 | 59  | 76681   | 211.204 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 96156   | 49.518  | ug/l | 98     |
| 13) Acrolein                  | 3.56 | 56  | 47922   | 216.092 | ug/l | 99     |
| 14) Allyl chloride            | 4.27 | 41  | 154718  | 48.308  | ug/l | 99     |
| 15) Acrylonitrile             | 4.93 | 53  | 235827  | 235.127 | ug/l | 99     |
| 16) Acetone                   | 3.77 | 43  | 170583  | 222.898 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.00 | 76  | 248772  | 49.618  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 105468  | 45.837  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 312454  | 50.170  | ug/l | 100    |
| 20) Methylene Chloride        | 4.50 | 84  | 113559  | 47.354  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96  | 104889  | 48.641  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.90 | 45  | 333847  | 52.078  | ug/l | 99     |
| 23) Vinyl Acetate             | 5.84 | 43  | 1329182 | 259.284 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 193911  | 50.614  | ug/l | 100    |
| 25) 2-Butanone                | 6.78 | 43  | 292198  | 235.533 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 166690  | 50.166  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 121867  | 50.223  | ug/l | 99     |
| 28) Bromochloromethane        | 7.14 | 49  | 84610   | 48.275  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 194125  | 226.685 | ug/l | 99     |
| 30) Chloroform                | 7.32 | 83  | 196222  | 49.666  | ug/l | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 162606  | 50.114  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97  | 170054  | 50.115  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 148587  | 53.030  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 125018  | 46.320  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 153824  | 52.763  | ug/l | 98     |

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 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

SAM  
 11/27/2020 1:37:02 PM

Quant Time: Nov 26 03:46:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.04  | 83   | 168121   | 55.738  | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 446428   | 51.994  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.12  | 41   | 58761    | 47.183  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 147605   | 50.960  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 211939   | 48.800  | ug/l   | 99       |
| 44) Trichloroethene            | 8.80  | 130  | 127746   | 50.426  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 119780   | 53.870  | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 77255    | 52.008  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 156354   | 52.311  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 104539   | 50.374  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 39000    | 994.319 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 636115   | 243.972 | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 285796   | 54.050  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 173096   | 51.995  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.80  | 75   | 191300   | 53.611  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 111827   | 51.430  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 160040   | 53.338  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 186415   | 51.973  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 405397   | 245.623 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 466670   | 248.698 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 128914   | 53.337  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 114083   | 51.643  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 130097   | 48.294  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.40 | 112  | 314014   | 52.810  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 116810   | 53.455  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 545055   | 54.871  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 426809   | 113.488 | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 201191   | 56.374  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 346672   | 57.541  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 86883    | 49.780  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 543156   | 56.218  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 185253   | 48.723  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 140816   | 49.726  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.52 | 75   | 151630m  | 50.690  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 135482   | 52.014  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.56 | 91   | 610169   | 55.438  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 361028   | 53.065  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.70 | 105  | 457242   | 56.937  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 54711    | 50.128  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 384022   | 53.850  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.96 | 119  | 379970   | 56.449  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 469625   | 57.839  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 513551   | 57.462  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 478352   | 58.789  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.25 | 146  | 245654   | 53.083  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.33 | 146  | 248422   | 50.760  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 403421   | 56.457  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 78949    | 55.853  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.62 | 146  | 235898   | 51.915  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 28020    | 43.975  | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Mon Nov 23 13:54:12 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 141377   | 50.295 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 68082    | 53.758 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 405815   | 48.190 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 132755   | 49.706 | ug/l  | 99       |

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

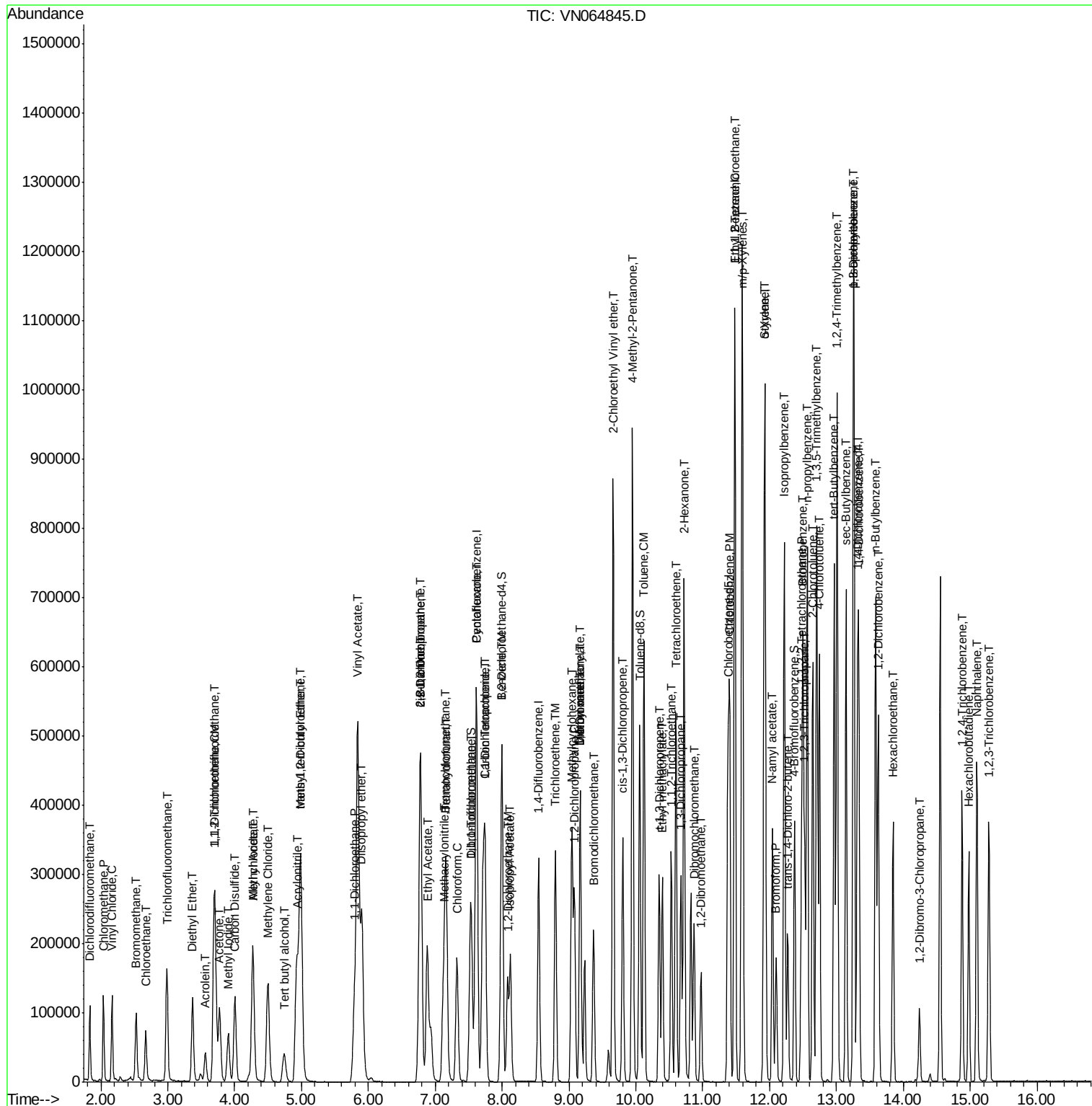
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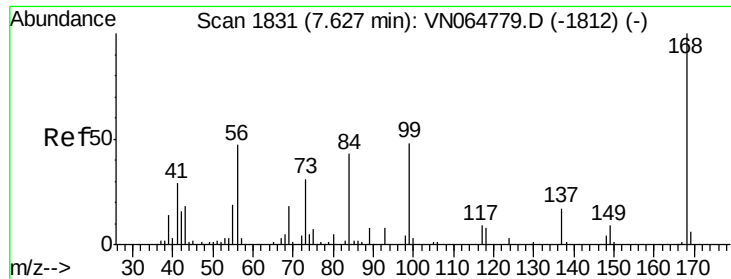
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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11/27/2020 1:37:02 PM

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 200251

Ion Ratio Lower Upper

168 100

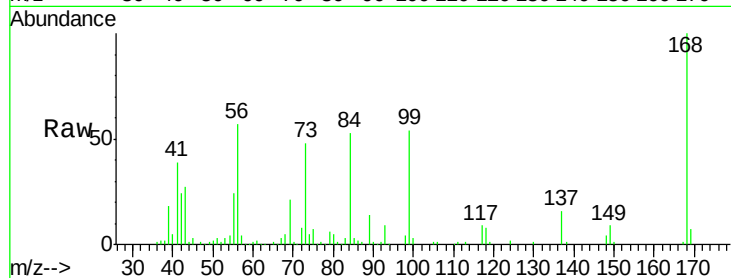
99 54.4 43.0 64.4

Manual Integrations

APPROVED

SAM

11/27/2020 1:37:02 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

60000

40000

20000

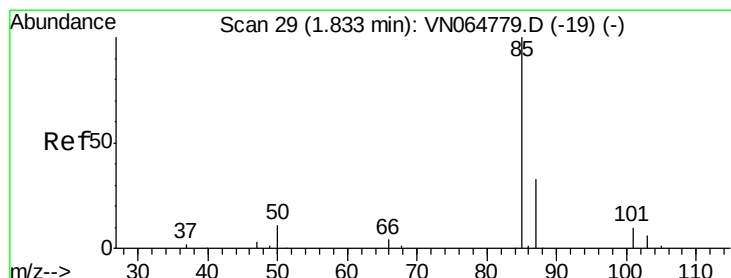
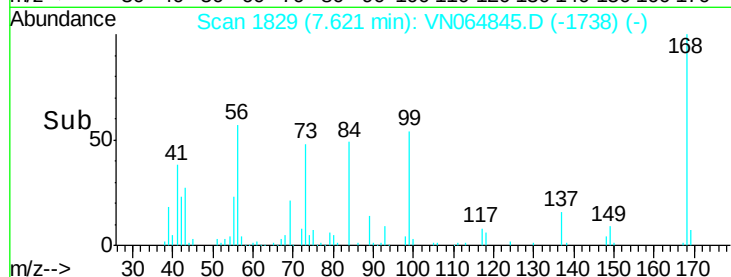
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.611 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064845.D

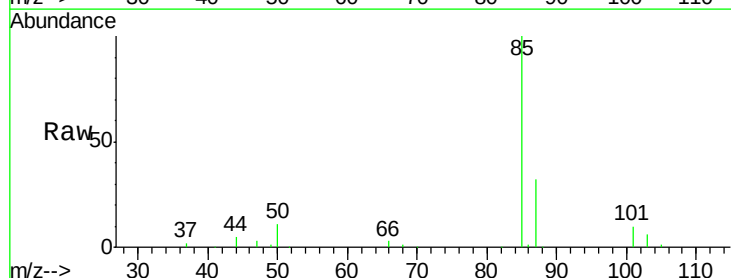
Acq: 25 Nov 2020 9:37

Tgt Ion: 85 Resp: 82630

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

40000

20000

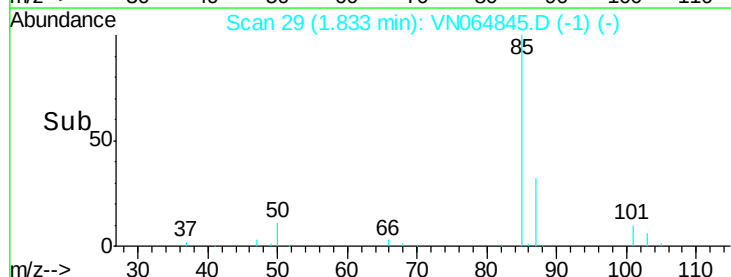
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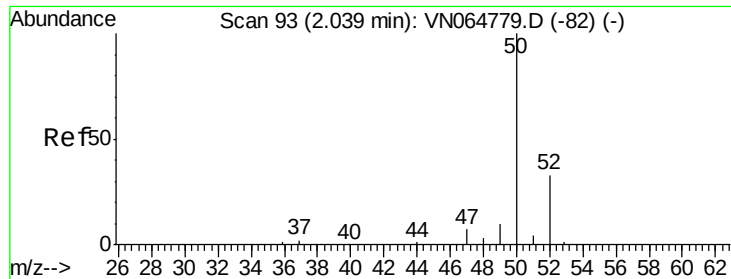
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 46.197 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 104190

Ion Ratio Lower Upper

50 100

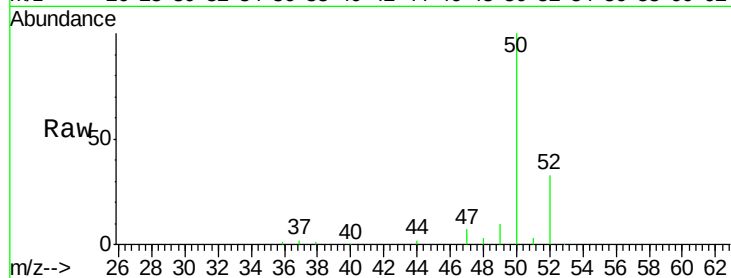
52 32.7 26.6 39.8

Manual Integrations

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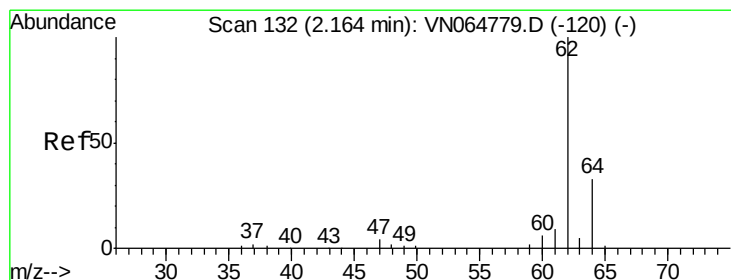
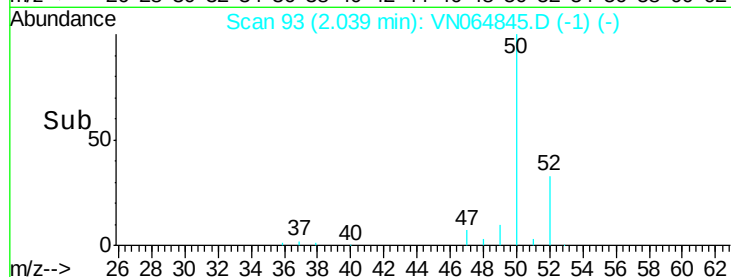
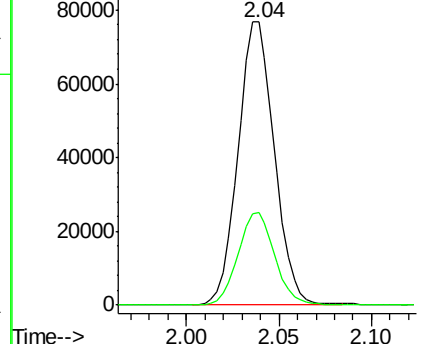
SAM

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.228 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064845.D

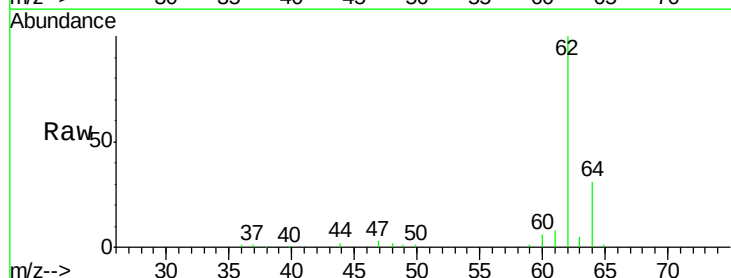
Acq: 25 Nov 2020 9:37

Tgt Ion: 62 Resp: 113401

Ion Ratio Lower Upper

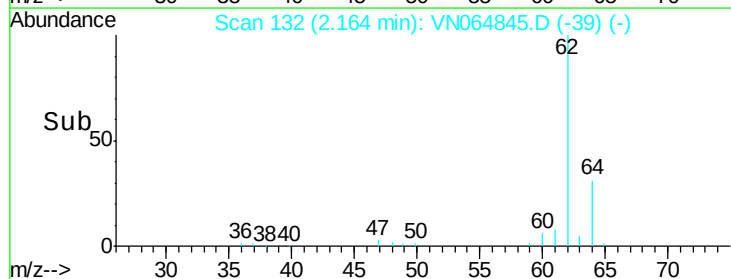
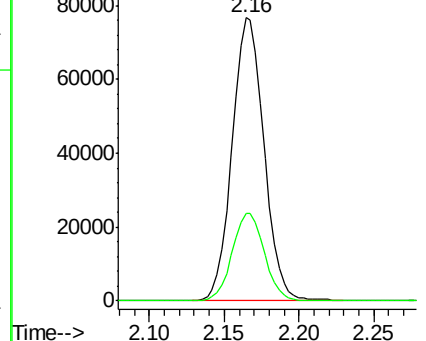
62 100

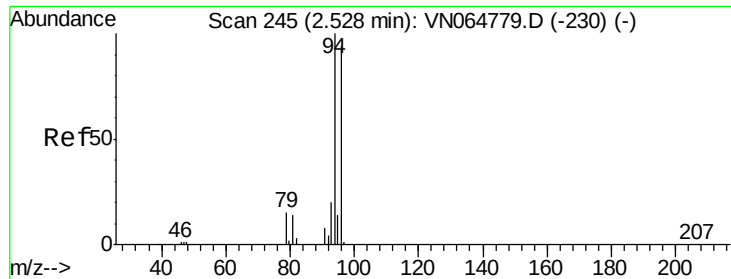
64 30.9 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 45.684 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

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Acq: 25 Nov 2020 9:37

Instrument :

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VSTDCCC050

Tot Ion: 94 Resp: 70476

Ion Ratio Lower Upper

94 100

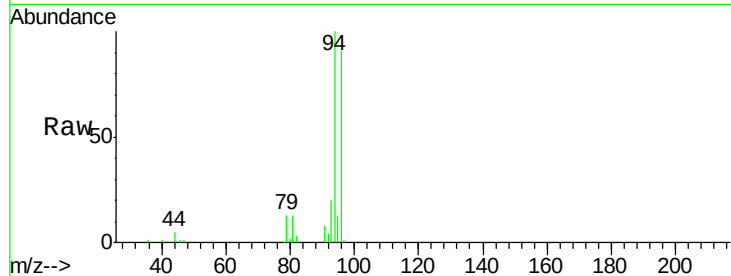
96 90.9 75.4 113.0

Manual Integrations

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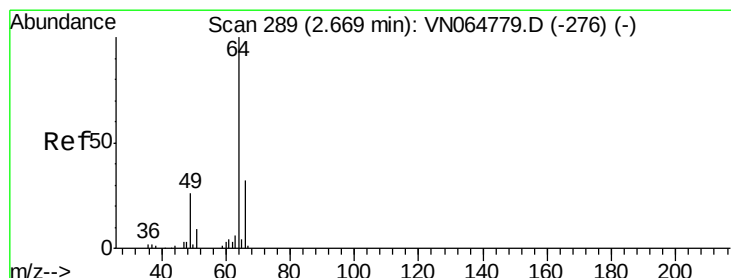
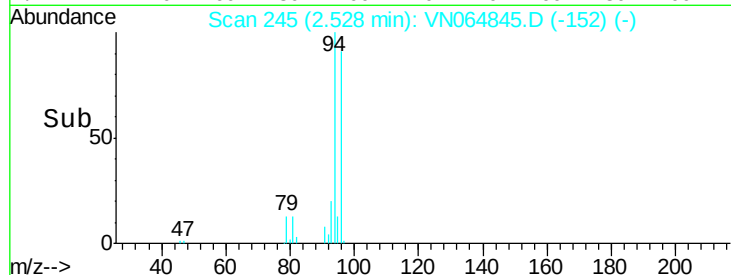
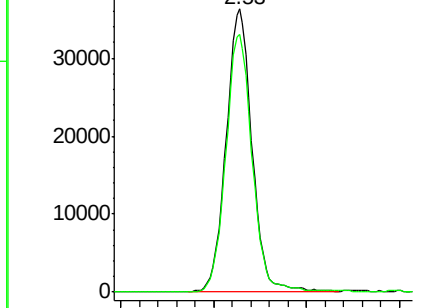
SAM

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.210 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064845.D

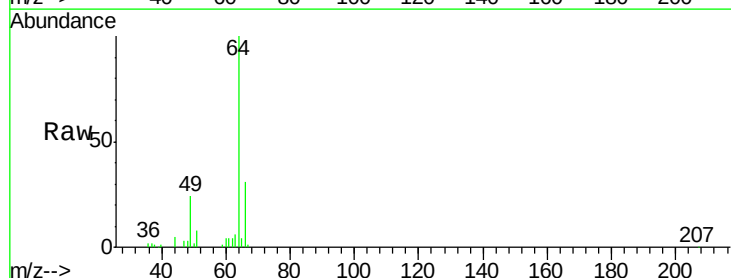
Acq: 25 Nov 2020 9:37

Tgt Ion: 64 Resp: 70112

Ion Ratio Lower Upper

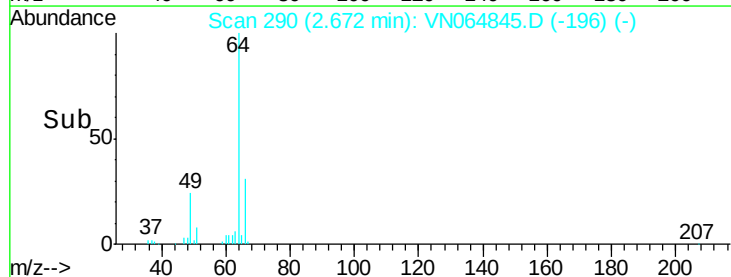
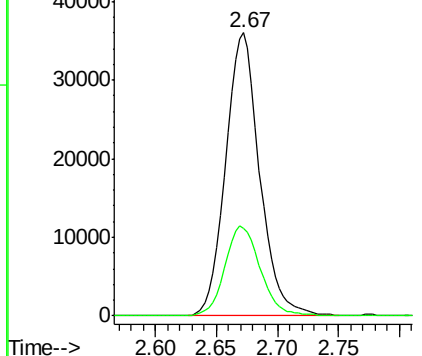
64 100

66 31.1 25.6 38.4

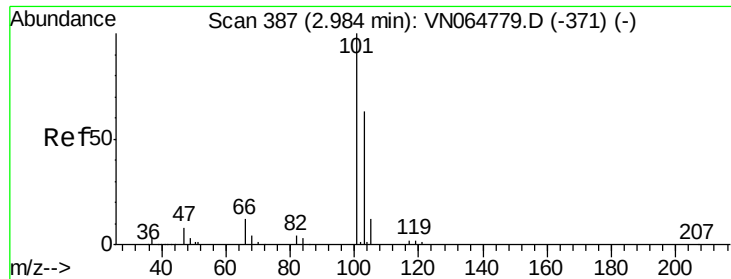


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0







#7

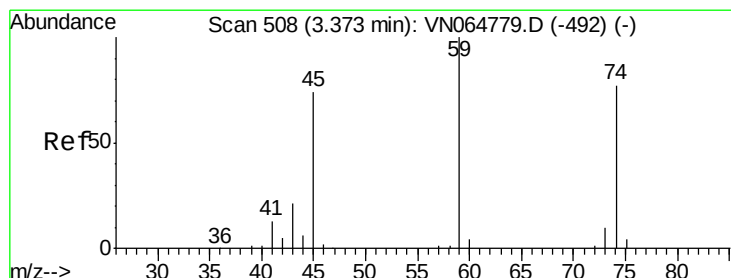
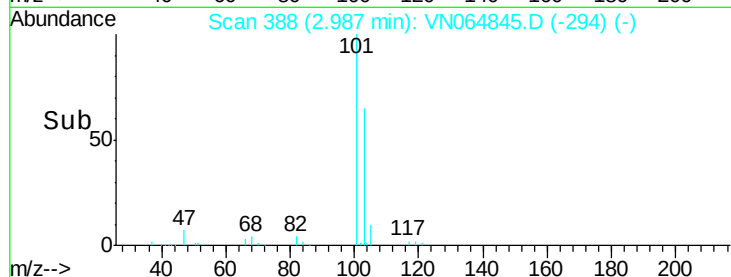
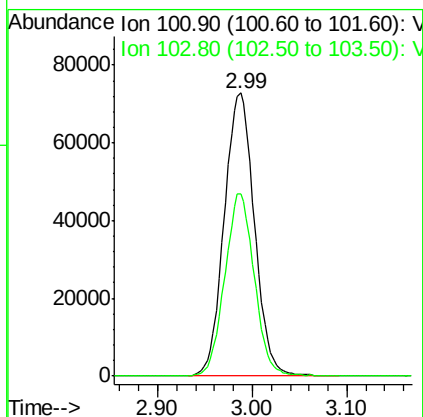
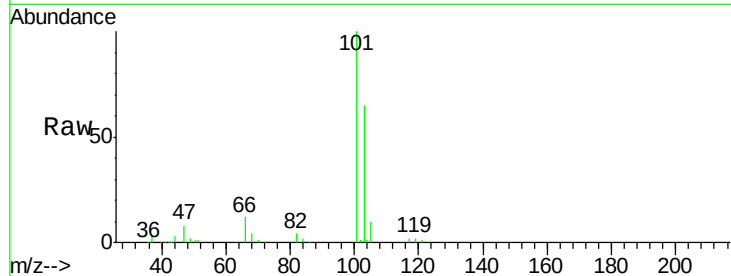
Trichlorofluoromethane  
Concen: 49.707 ug/l  
RT: 2.99 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.5  | 50.5  | 75.7  |

Manual Integrations  
APPROVED

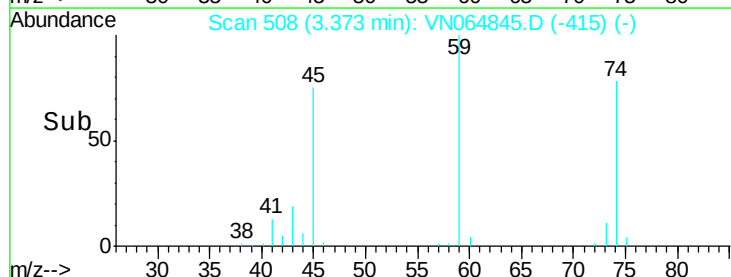
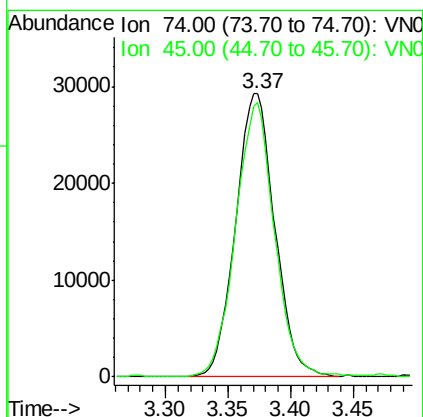
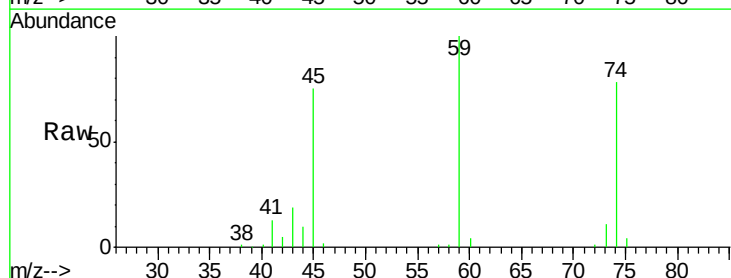
SAM  
11/27/2020 1:37:02 PM



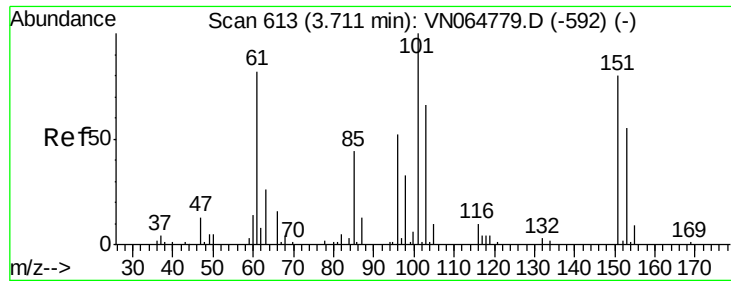
#8

Diethyl Ether  
Concen: 49.490 ug/l  
RT: 3.37 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.5  | 48.9  | 146.8 |







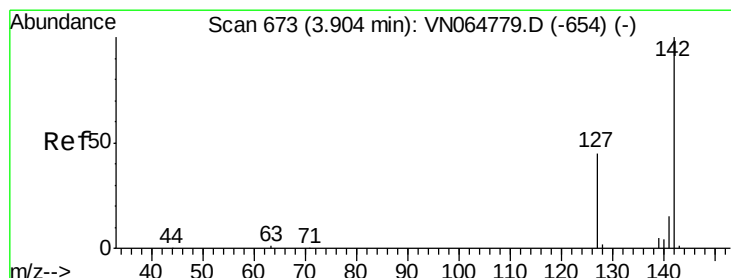
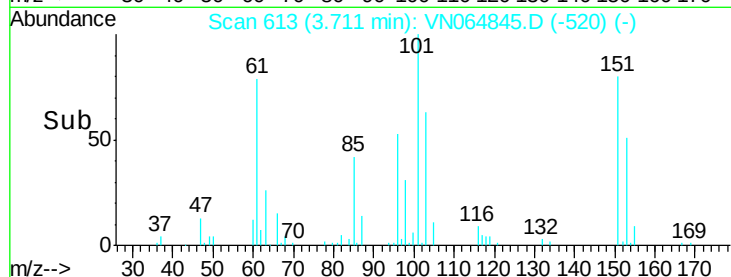
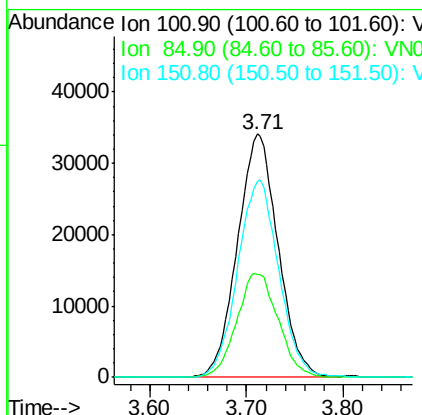
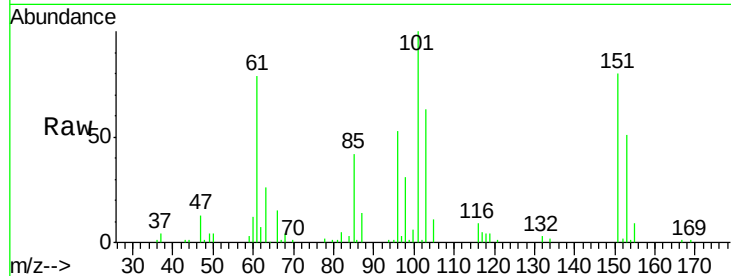
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 50.966 ug/l  
 RT: 3.71 min Scan# 613  
 Delta R.T. 0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 43.6  | 34.4  | 51.6  |
| 151     | 82.1  | 64.0  | 96.0  |

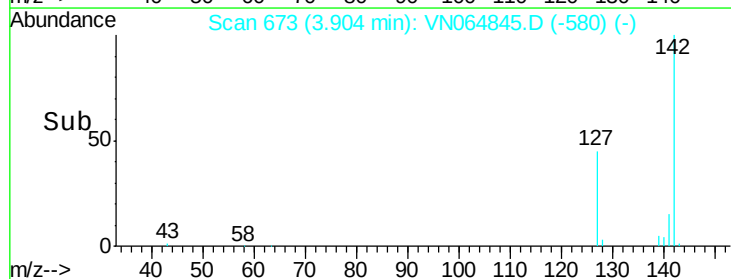
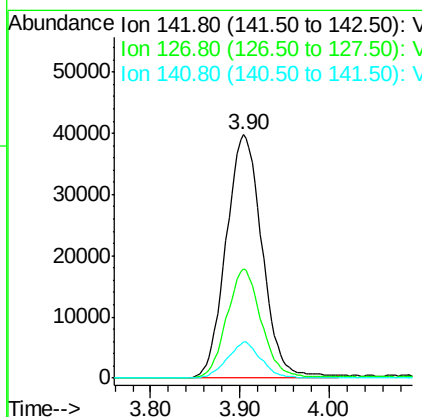
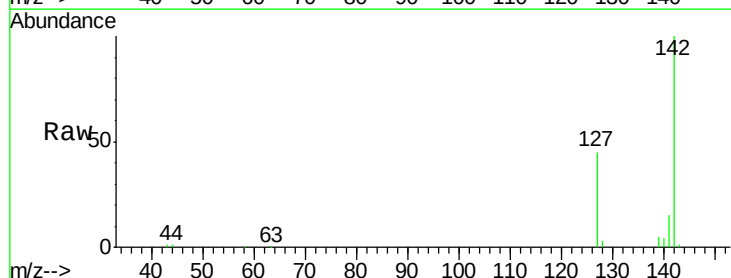
Manual Integrations  
 APPROVED

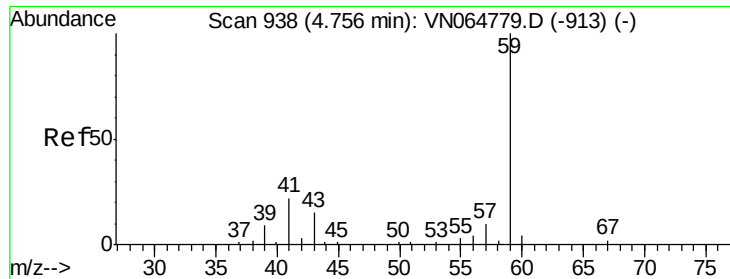
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 11/27/2020 1:37:02 PM



#10  
 Methyl Iodide  
 Concen: 44.152 ug/l  
 RT: 3.90 min Scan# 673  
 Delta R.T. 0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 42.9  | 35.0  | 52.6  |
| 141     | 13.8  | 11.8  | 17.6  |





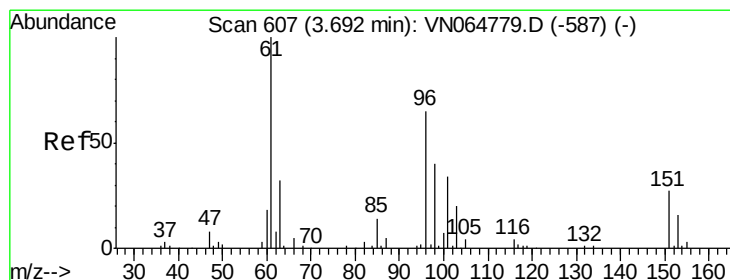
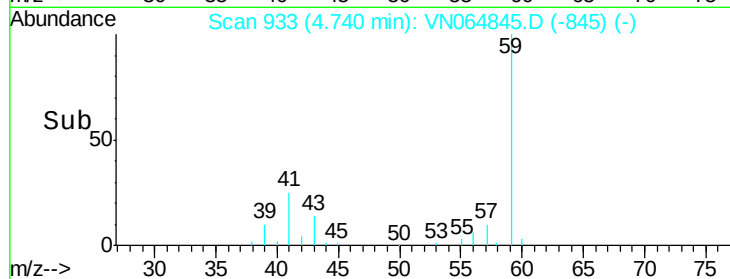
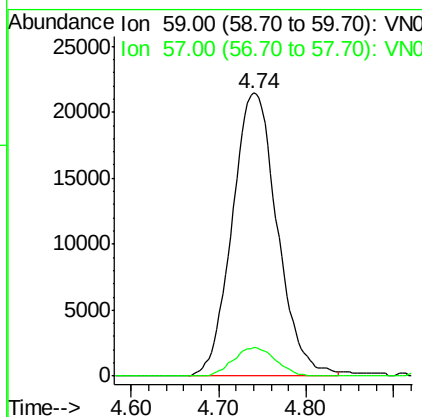
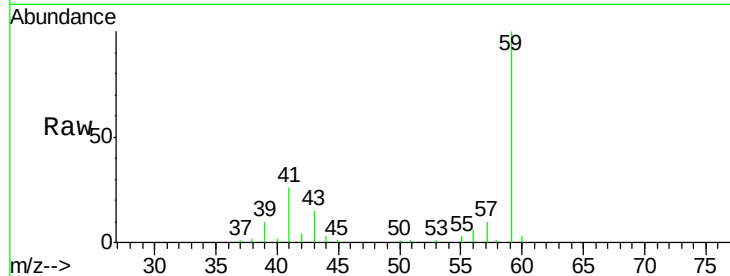
#11  
Tert butyl alcohol  
Concen: 211.204 ug/l  
RT: 4.74 min Scan# 933  
Delta R.T. -0.02 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 59      | 100   | 76681 |       |       |
| 57      | 9.5   |       | 7.9   | 11.9  |

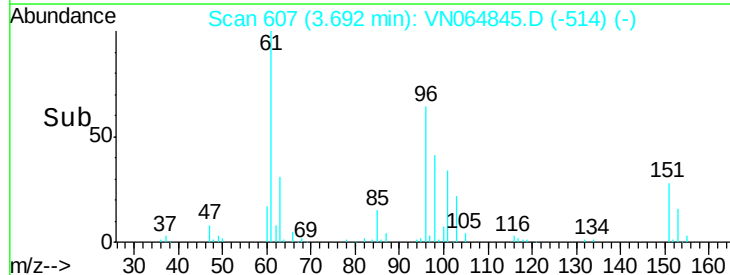
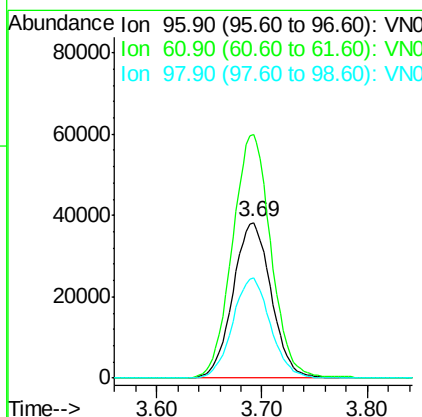
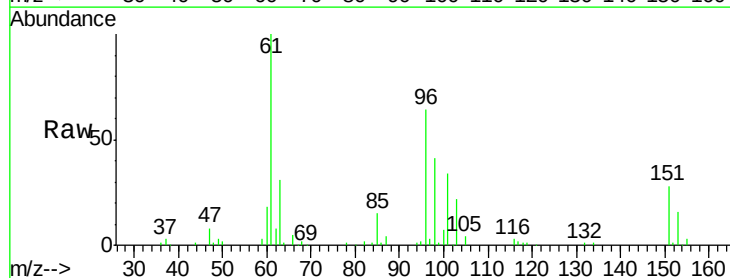
Manual Integrations  
APPROVED

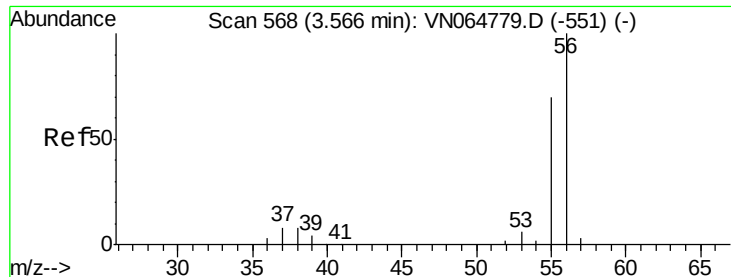
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#12  
1,1-Dichloroethene  
Concen: 49.518 ug/l  
RT: 3.69 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 96156 |       |       |
| 61      | 156.8 |       | 123.4 | 185.2 |
| 98      | 64.3  |       | 49.8  | 74.8  |





#13

Acrolein

Concen: 216.092 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 47922

Ion Ratio Lower Upper

56 100

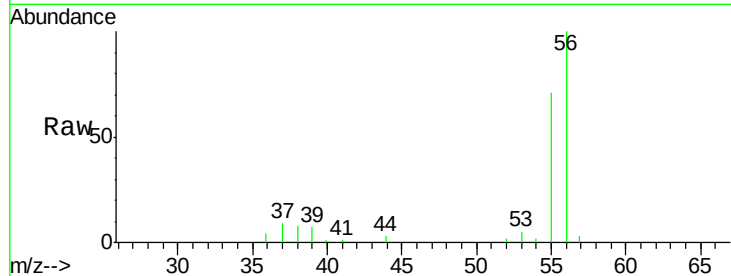
55 71.1 56.5 84.7

Manual Integrations

APPROVED

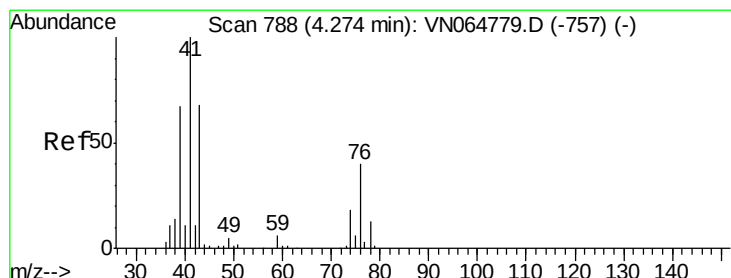
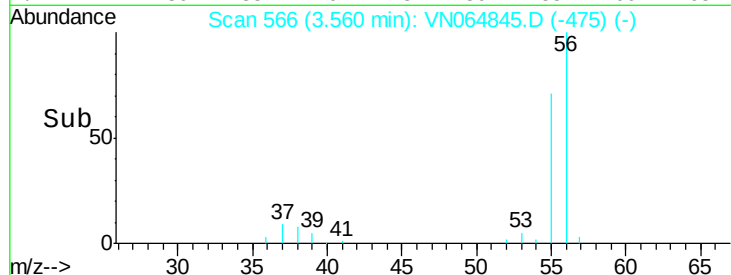
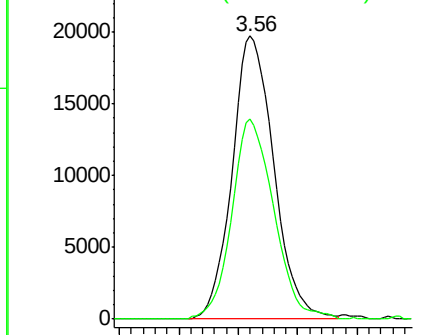
SAM

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.308 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

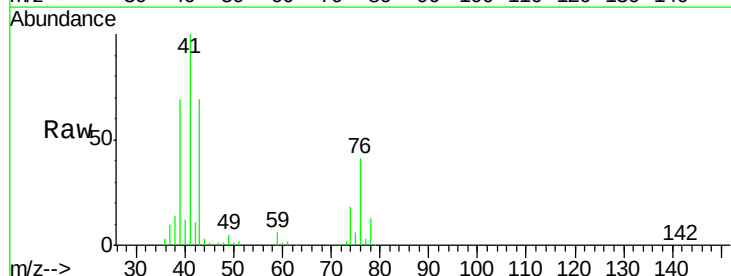
Tgt Ion: 41 Resp: 154718

Ion Ratio Lower Upper

41 100

39 63.3 50.9 76.3

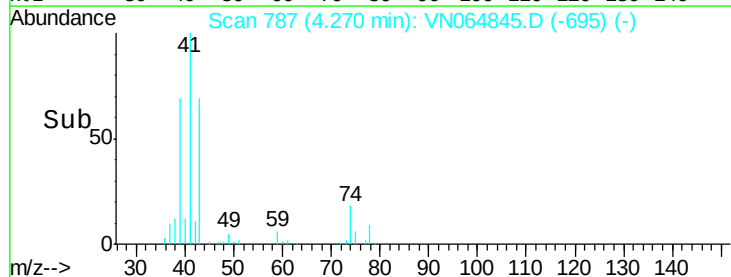
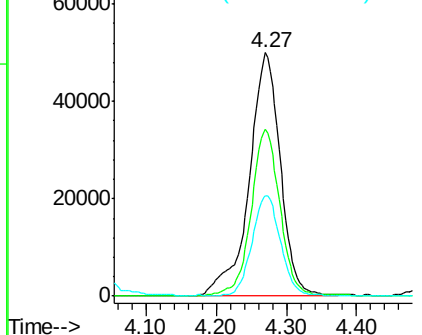
76 36.7 29.0 43.4

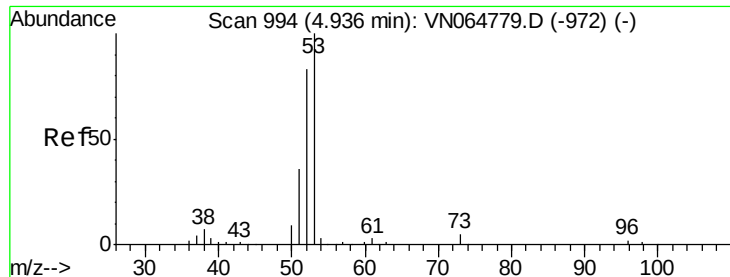


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 235.127 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

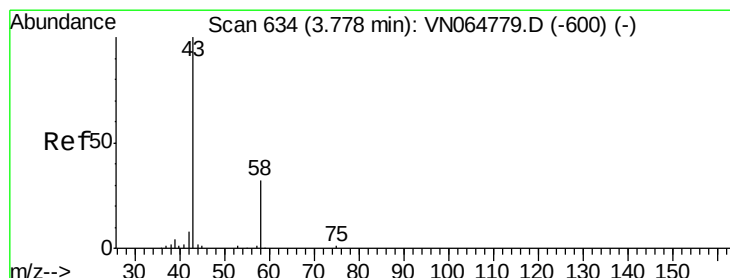
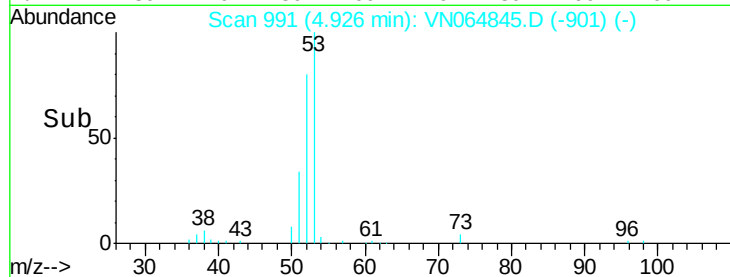
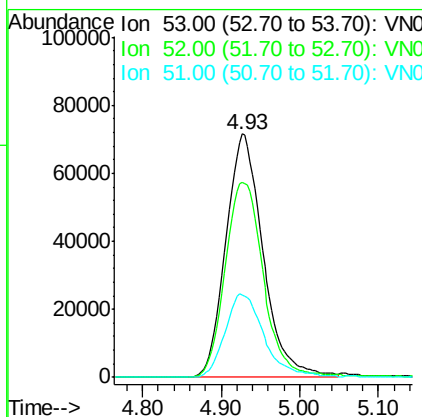
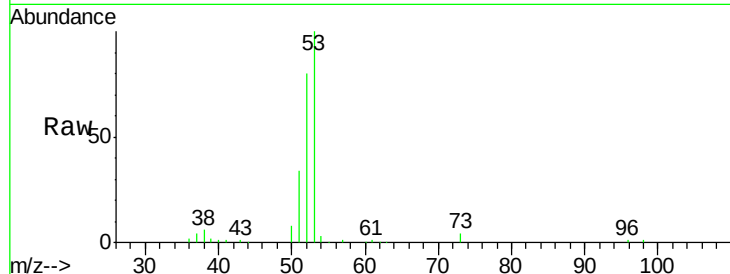
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 235827 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.8 | 65.5  | 98.3   |
| 51        | 35.9 | 28.6  | 43.0   |

Manual Integrations  
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SAM  
11/27/2020 1:37:02 PM



#16

Acetone

Concen: 222.898 ug/l

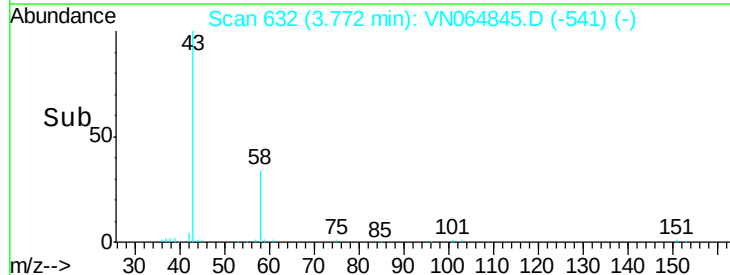
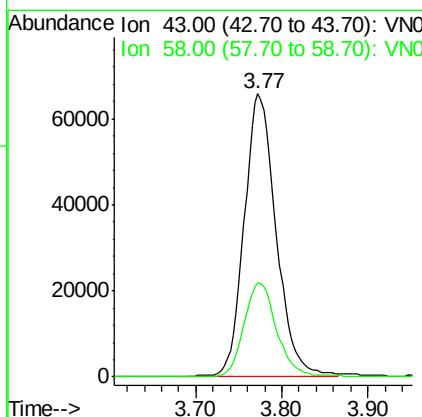
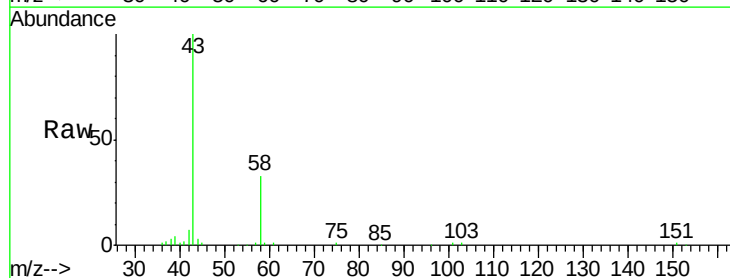
RT: 3.77 min Scan# 632

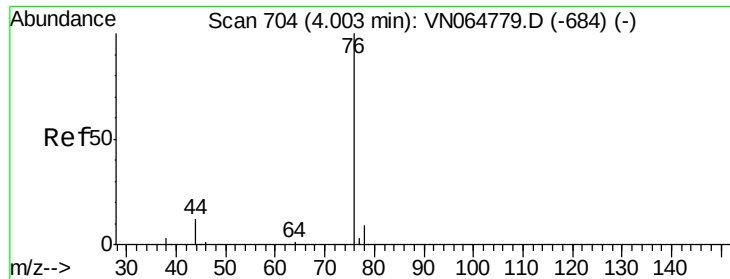
Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 170583 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 33.4 | 25.7  | 38.5   |





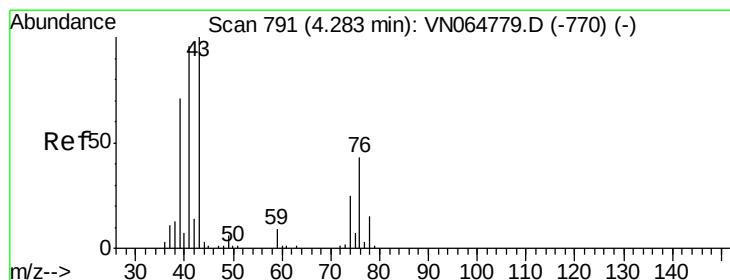
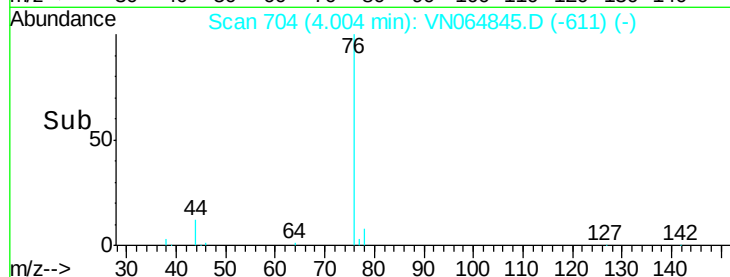
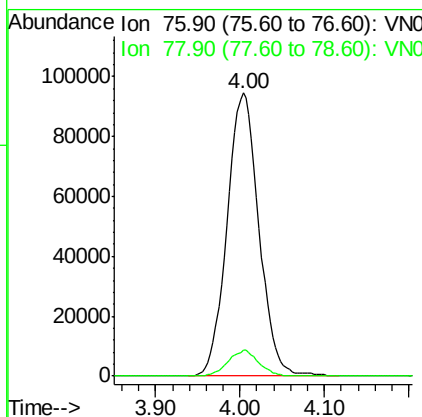
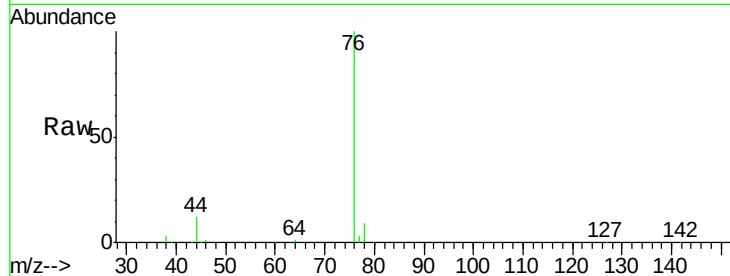
#17  
Carbon Disulfide  
Concen: 49.618 ug/l  
RT: 4.00 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.4   | 11.0  |

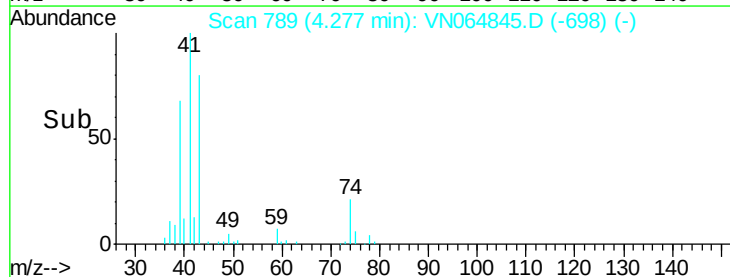
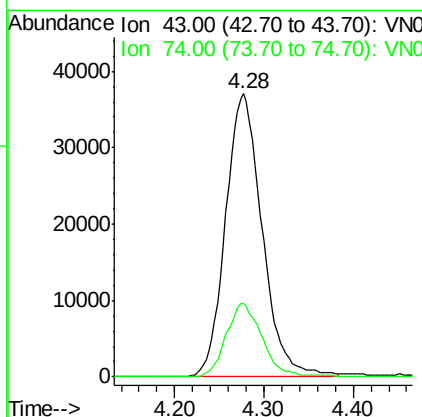
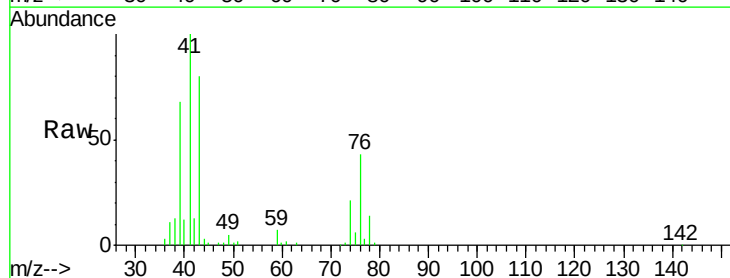
Manual Integrations  
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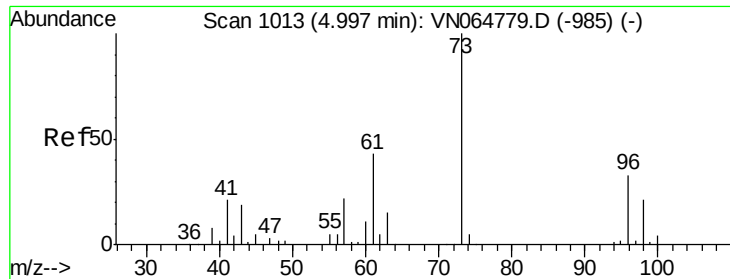
SAM  
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#18  
Methyl Acetate  
Concen: 45.837 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.01 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.4  | 20.2  | 30.2  |





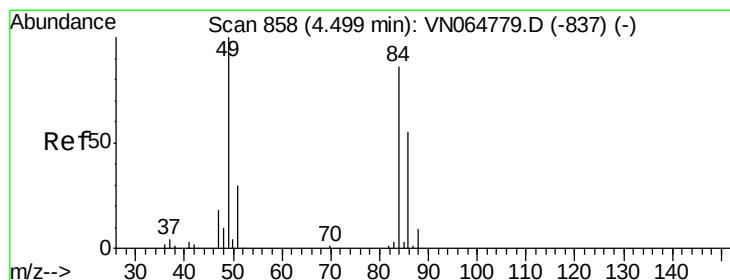
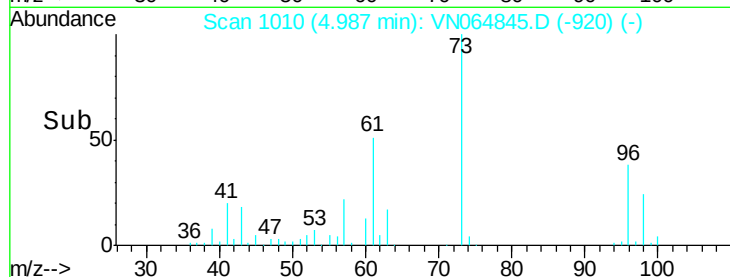
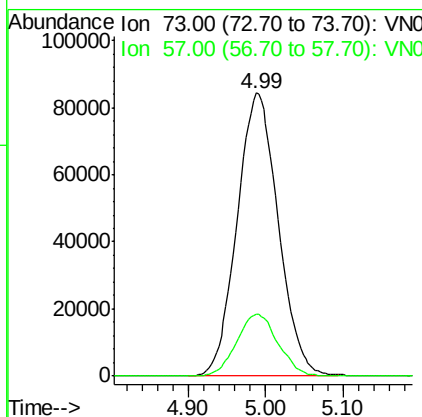
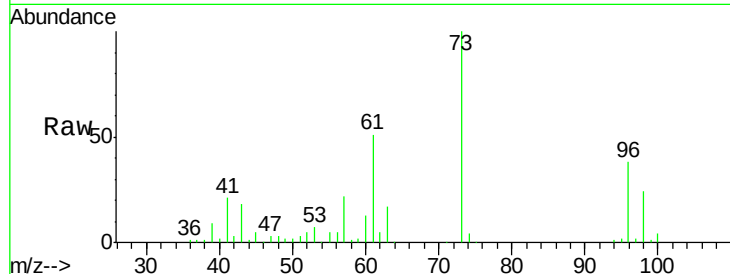
#19  
Methyl tert-butyl Ether  
Concen: 50.170 ug/l  
RT: 4.99 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 312454  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.4 26.0

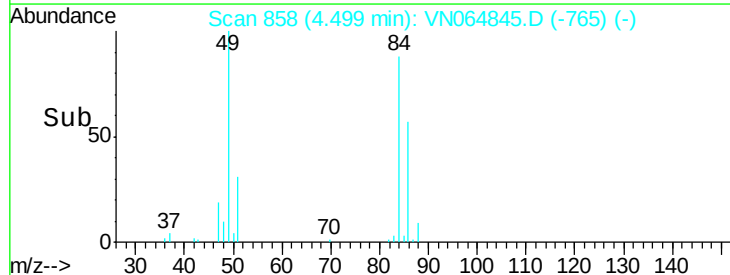
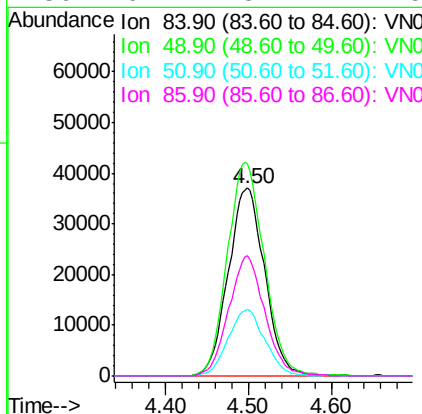
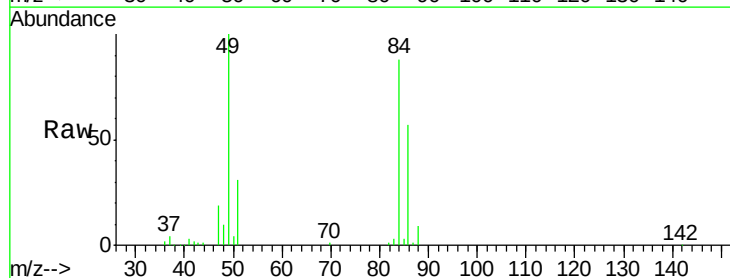
Manual Integrations  
APPROVED

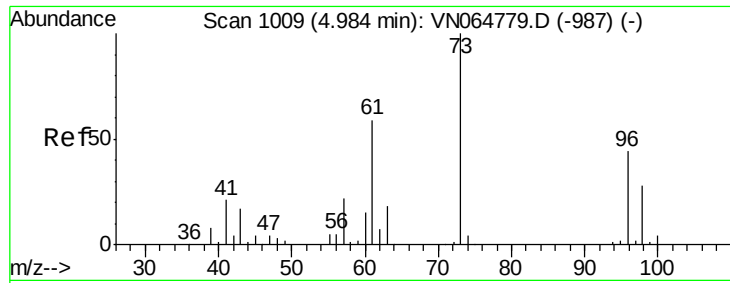
SAM  
11/27/2020 1:37:02 PM



#20  
Methylene Chloride  
Concen: 47.354 ug/l  
RT: 4.50 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Tgt Ion: 84 Resp: 113559  
Ion Ratio Lower Upper  
84 100  
49 113.0 93.4 140.0  
51 35.2 28.2 42.4  
86 64.2 51.7 77.5





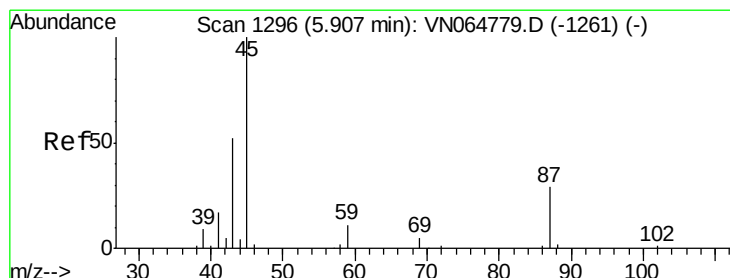
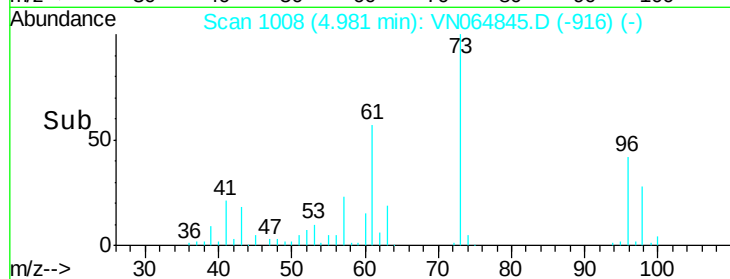
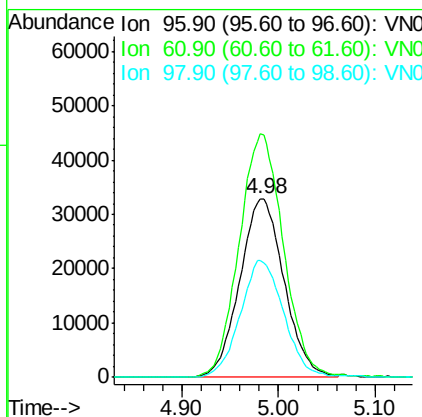
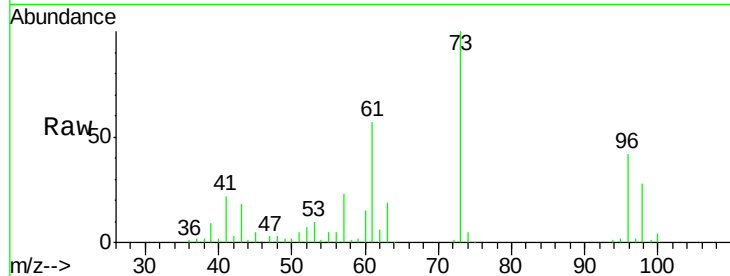
#21  
trans-1,2-Dichloroethene  
Concen: 48.641 ug/l  
RT: 4.98 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.0 | 108.4 | 162.6 |
| 98      | 65.6  | 51.3  | 76.9  |

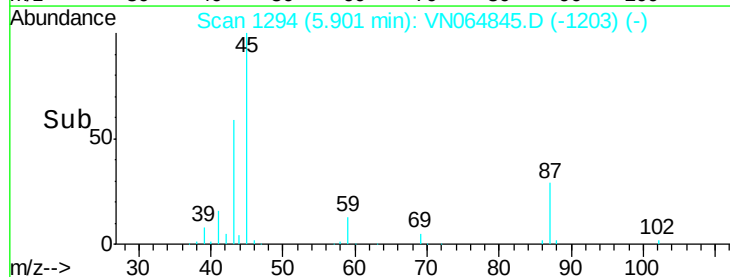
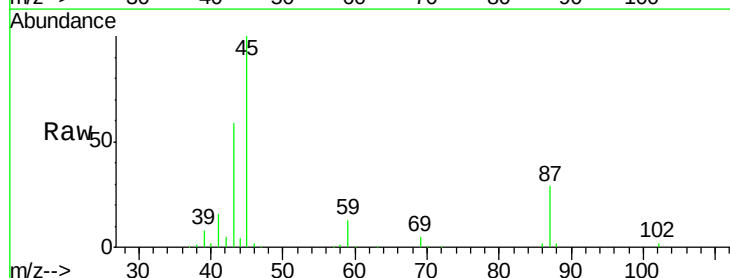
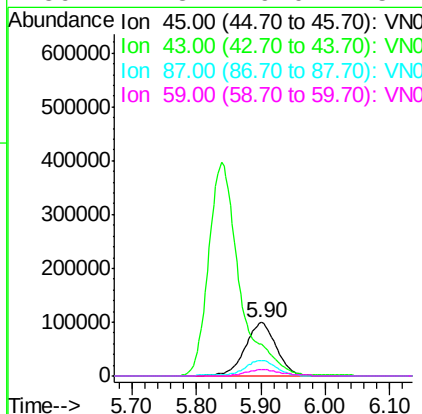
Manual Integrations  
APPROVED

SAM  
11/27/2020 1:37:02 PM

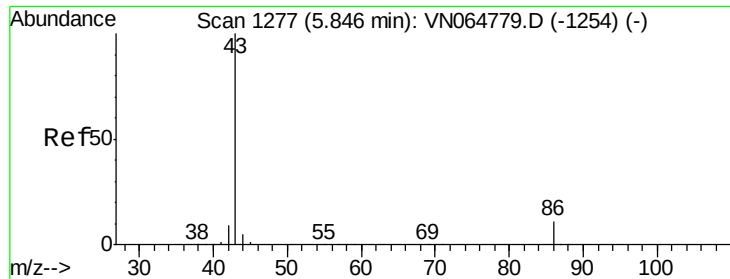


#22  
Diisopropyl ether  
Concen: 52.078 ug/l  
RT: 5.90 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 57.6  | 46.2  | 69.2  |
| 87      | 29.3  | 24.1  | 36.1  |
| 59      | 12.3  | 9.0   | 13.4  |







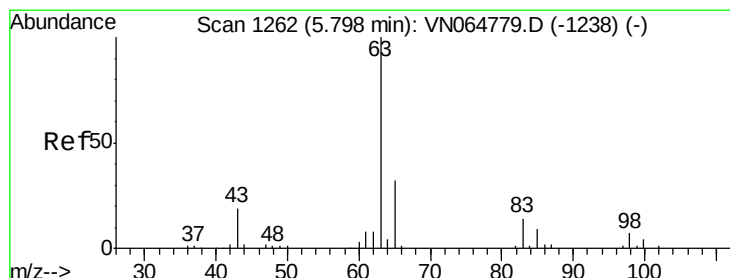
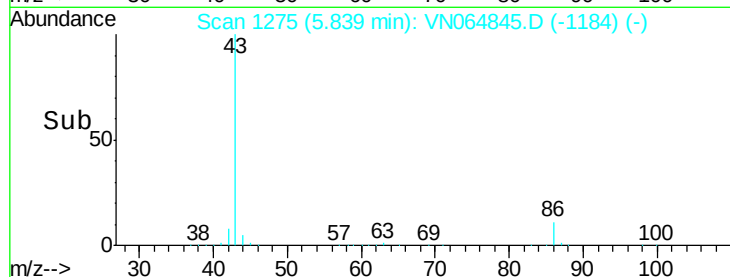
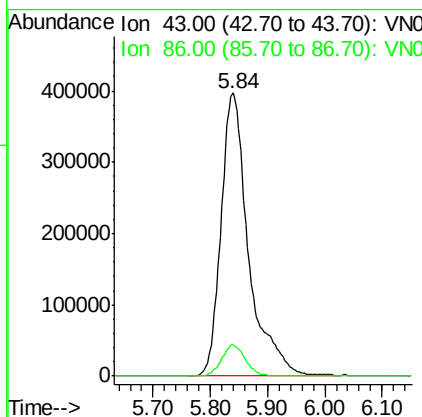
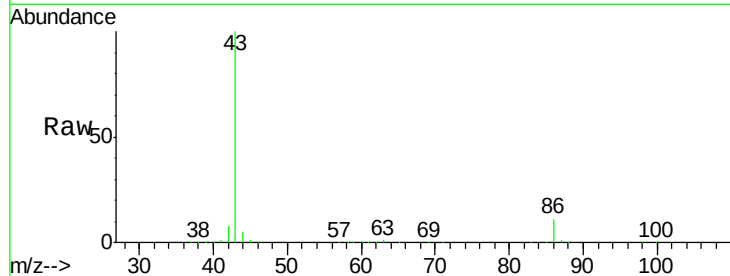
#23  
 Vinyl Acetate  
 Concen: 259.284 ug/l  
 RT: 5.84 min Scan# 1275  
 Delta R.T. -0.01 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 1329182  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.9 13.3

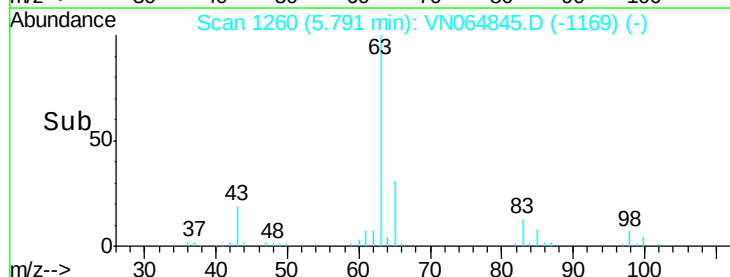
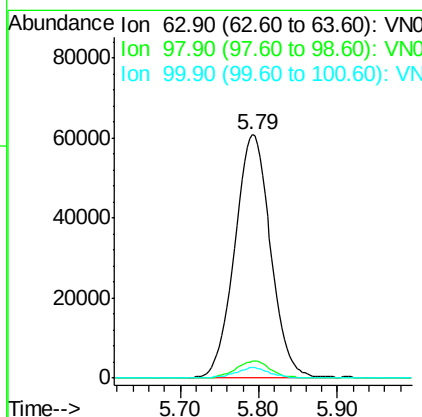
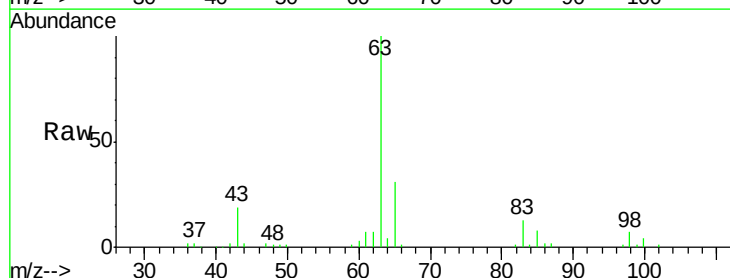
Manual Integrations  
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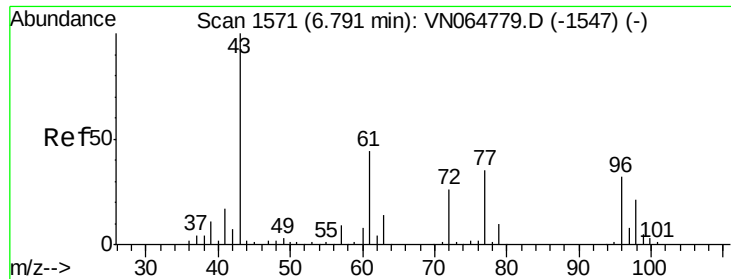
SAM  
 11/27/2020 1:37:02 PM



#24  
 1,1-Dichloroethane  
 Concen: 50.614 ug/l  
 RT: 5.79 min Scan# 1260  
 Delta R.T. -0.01 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Tgt Ion: 63 Resp: 193911  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.5 10.5  
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 235.533 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Tot Ion: 43 Resp: 292198

Ion Ratio Lower Upper

43 100

72 28.6 21.0 31.6

Instrument :

MSVOA\_N

ClientSampleId :

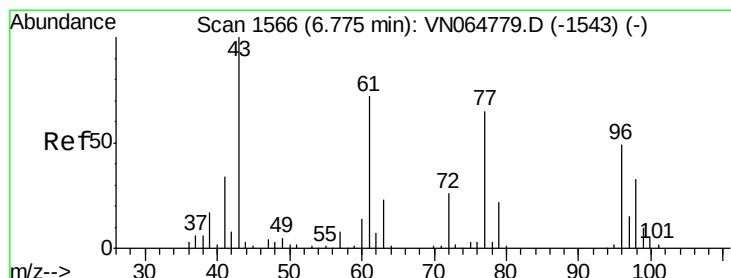
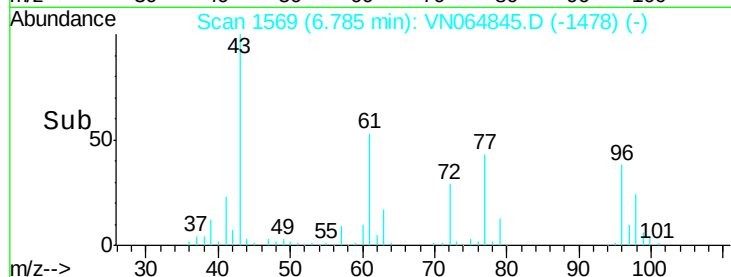
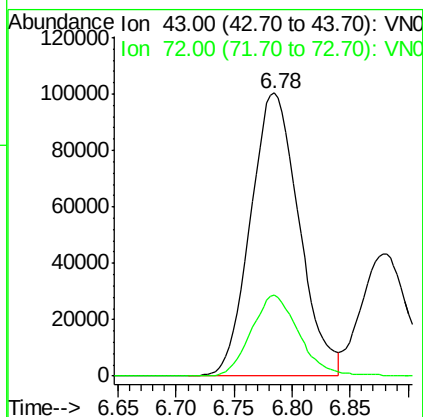
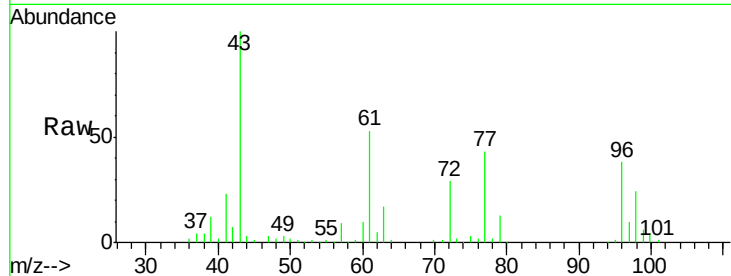
VSTDCCC050

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11/27/2020 1:37:02 PM



#26

2,2-Dichloropropane

Concen: 50.166 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064845.D

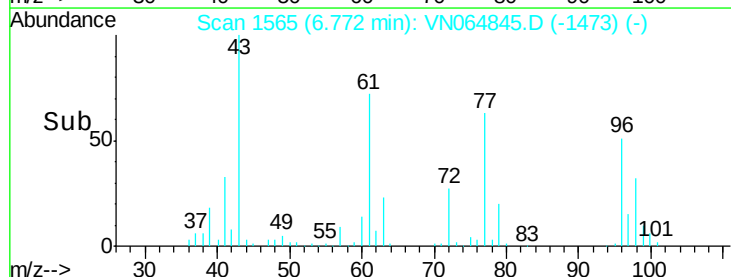
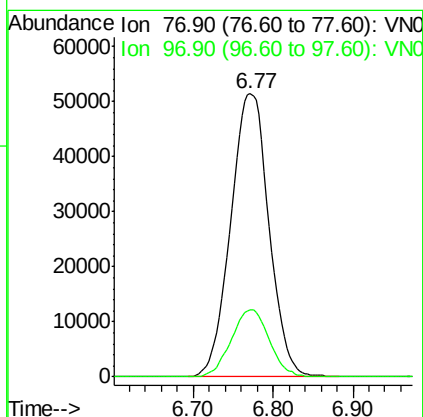
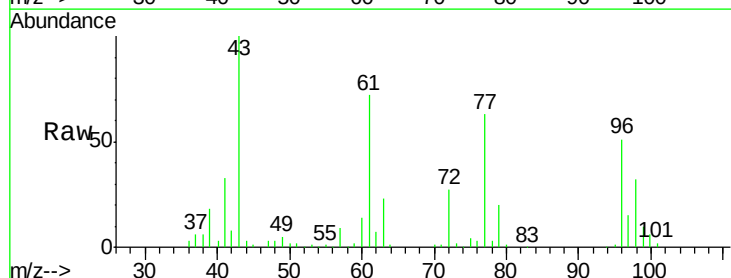
Acq: 25 Nov 2020 9:37

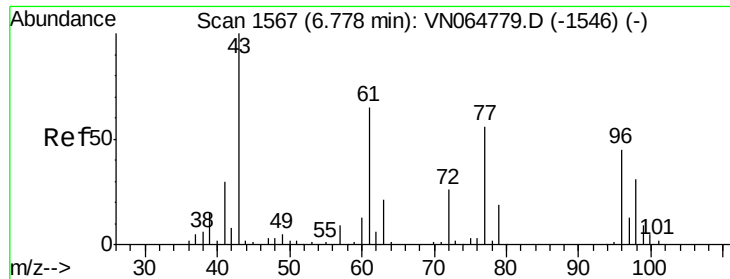
Tgt Ion: 77 Resp: 166690

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.223 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

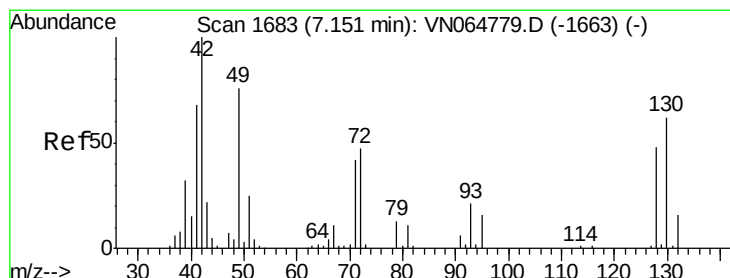
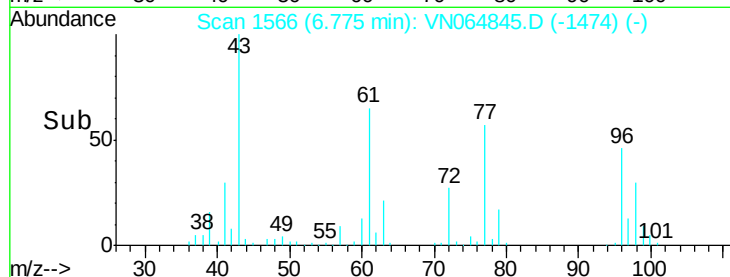
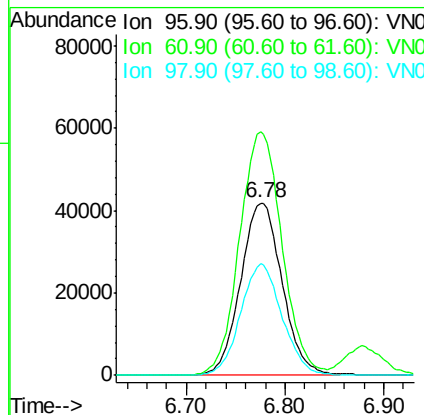
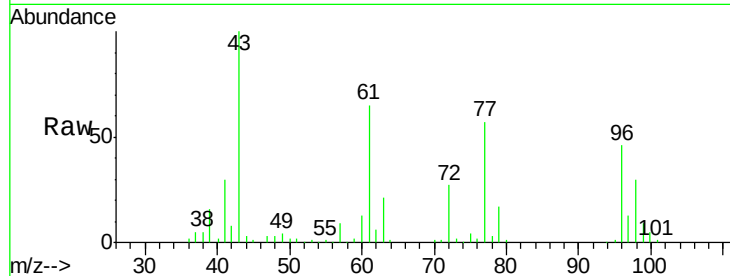
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 121867 |       |       |
| 61      | 144.6 | 0.0    | 285.8 |       |
| 98      | 64.6  | 0.0    | 130.6 |       |

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11/27/2020 1:37:02 PM



#28

Bromochloromethane

Concen: 48.275 ug/l

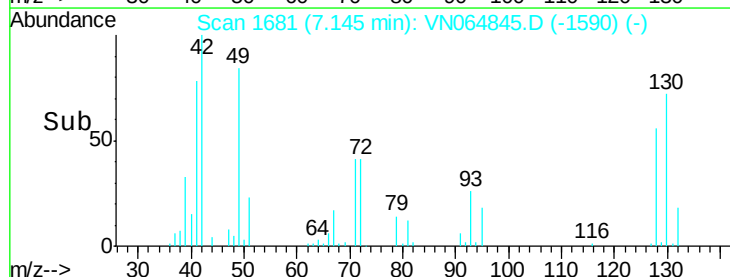
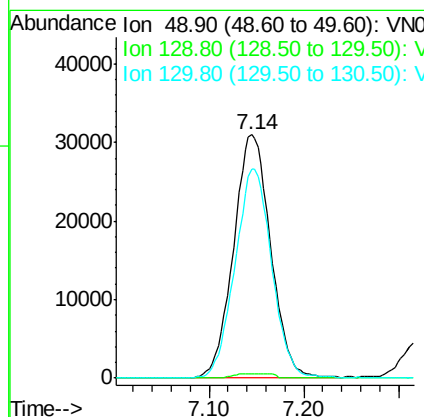
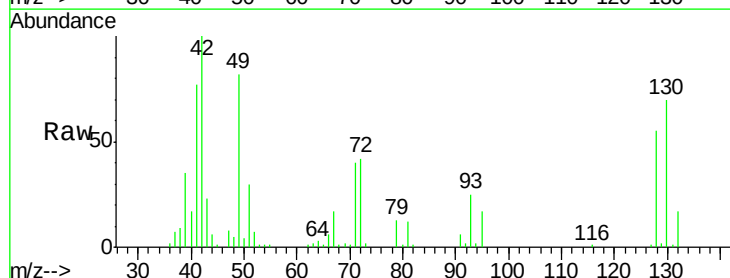
RT: 7.14 min Scan# 1681

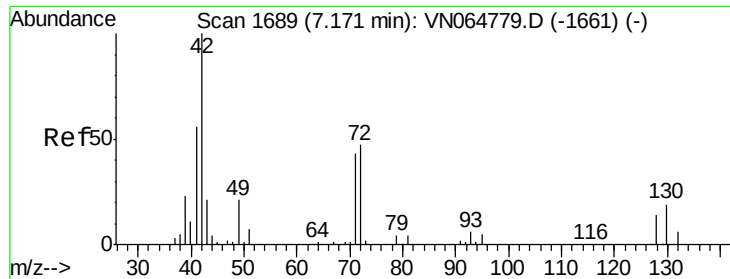
Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 84610 |       |       |
| 129     | 1.9   | 0.0   | 3.8   |       |
| 130     | 85.1  | 66.2  | 99.2  |       |





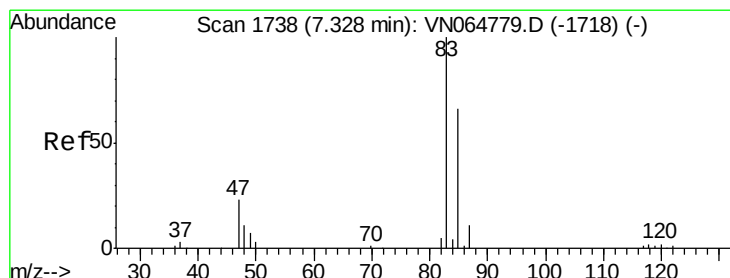
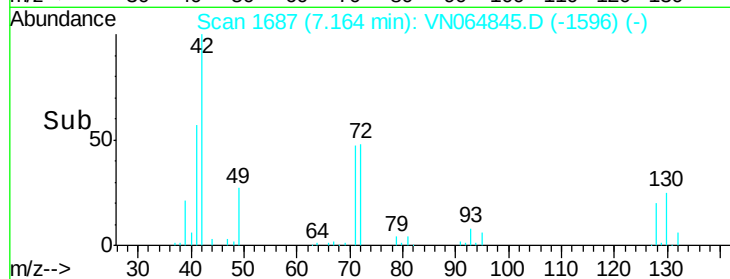
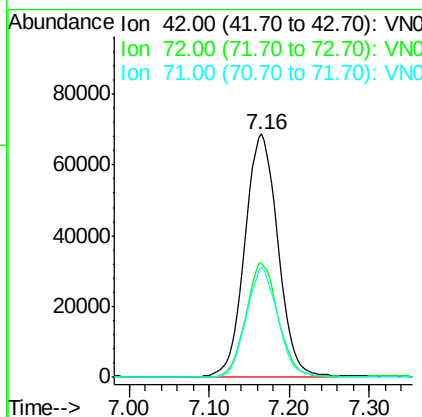
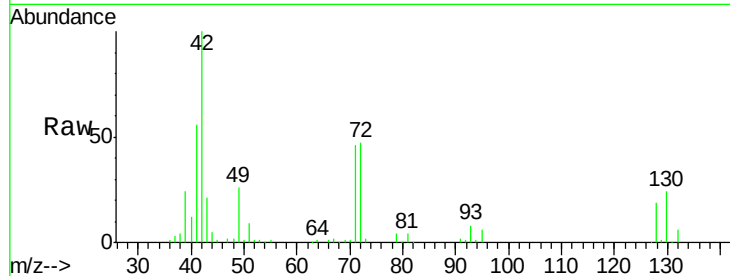
#29  
Tetrahydrofuran  
Concen: 226.685 ug/l  
RT: 7.16 min Scan# 1687  
Delta R.T. -0.01 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.8  | 36.6  | 54.8  |
| 71      | 43.0  | 33.6  | 50.4  |

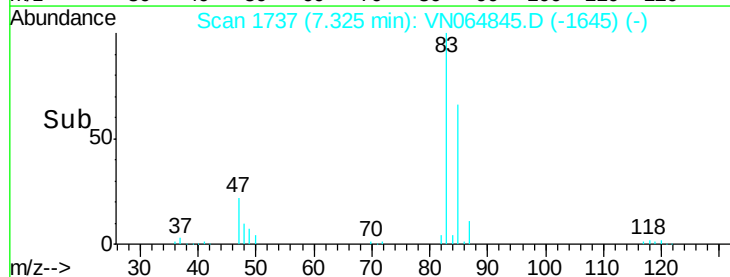
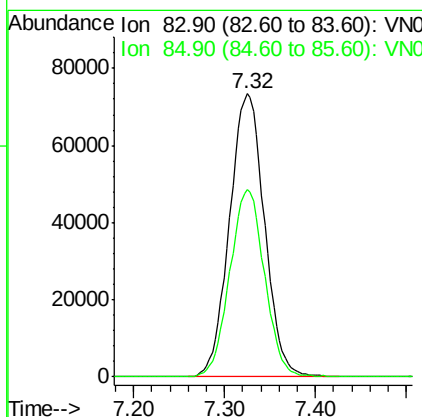
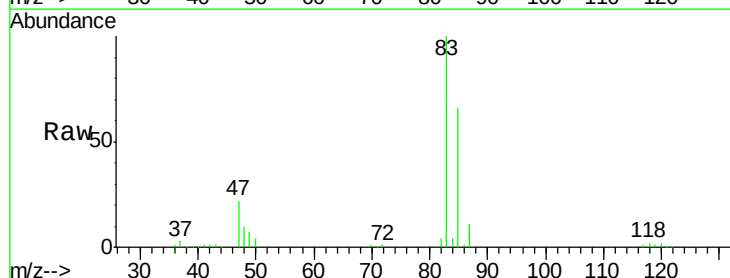
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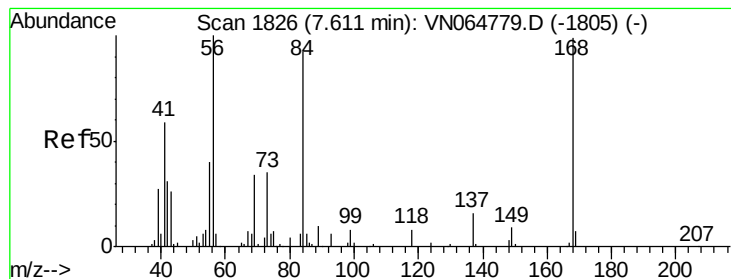
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11/27/2020 1:37:02 PM



#30  
Chloroform  
Concen: 49.666 ug/l  
RT: 7.32 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.1  | 52.6  | 78.8  |





#31

Cyclohexane

Concen: 50.114 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

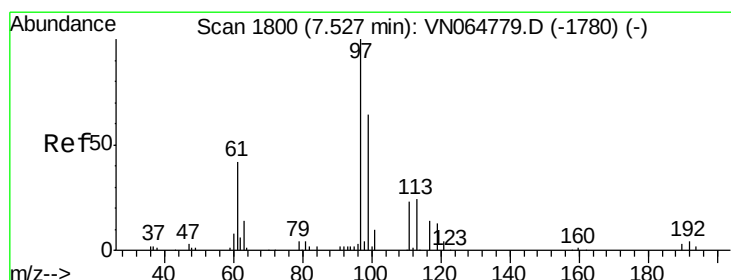
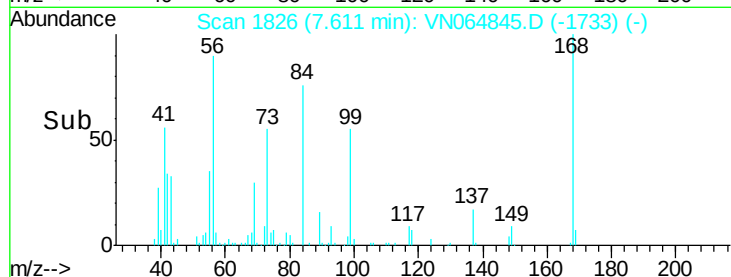
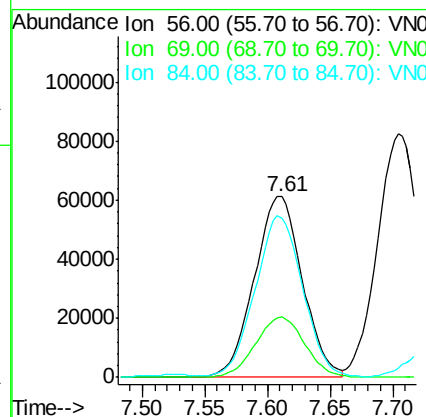
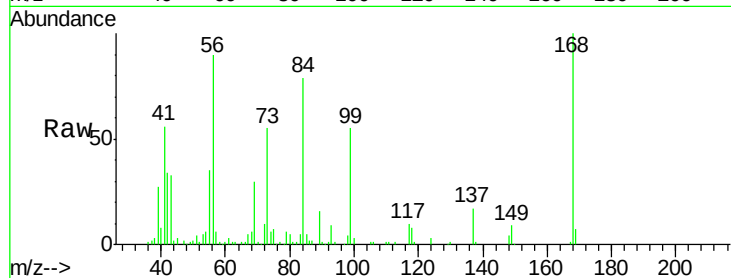
VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 162606 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 33.3 | 27.5  | 41.3   |
| 84        | 86.8 | 73.9  | 110.9  |

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#32

1,1,1-Trichloroethane

Concen: 50.115 ug/l

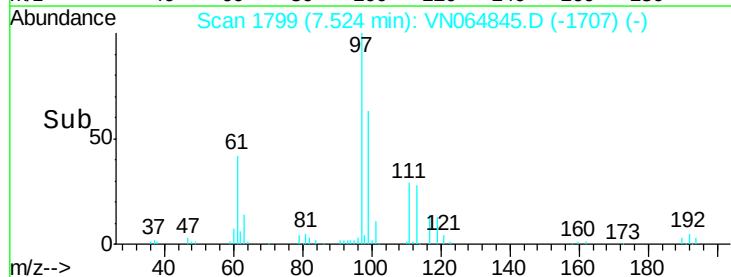
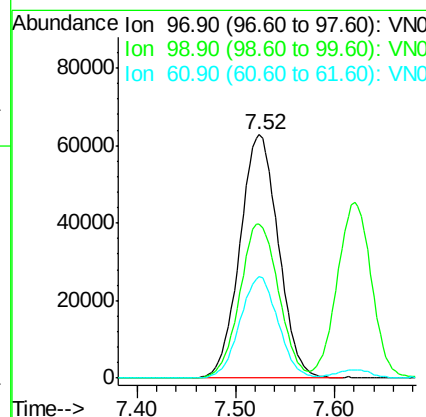
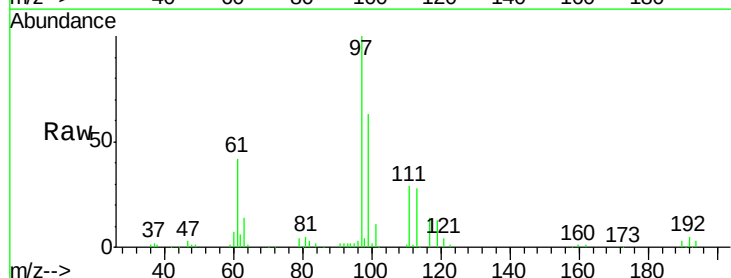
RT: 7.52 min Scan# 1799

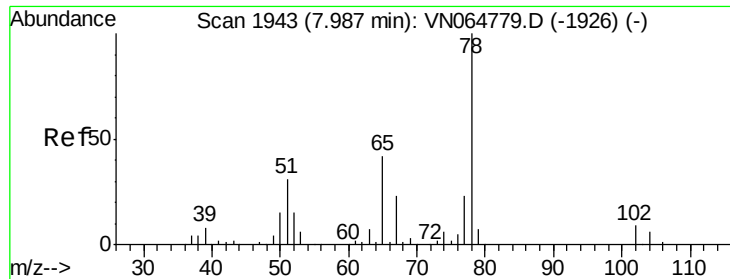
Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 170054 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 63.9 | 51.7  | 77.5   |
| 61        | 41.2 | 33.9  | 50.9   |





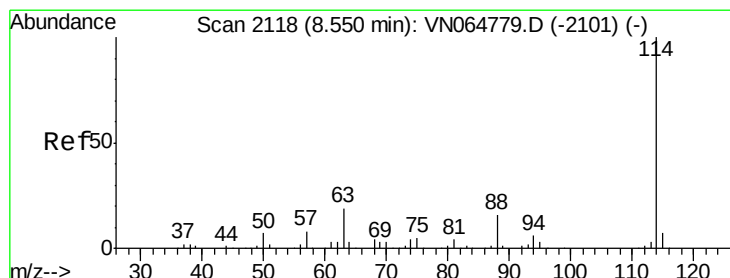
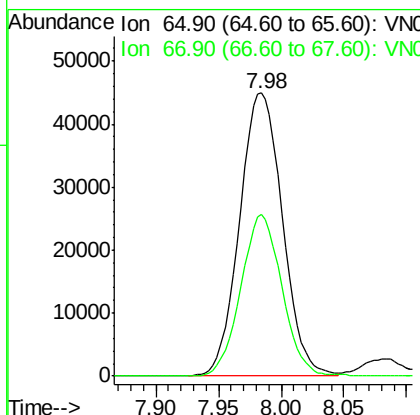
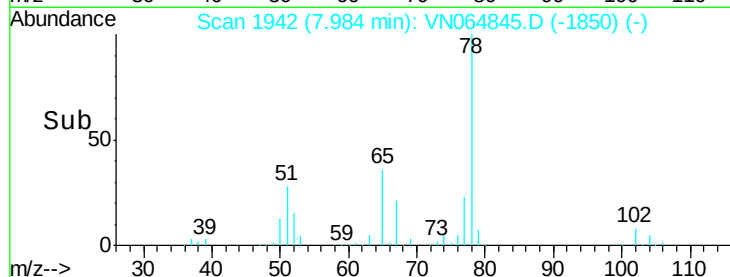
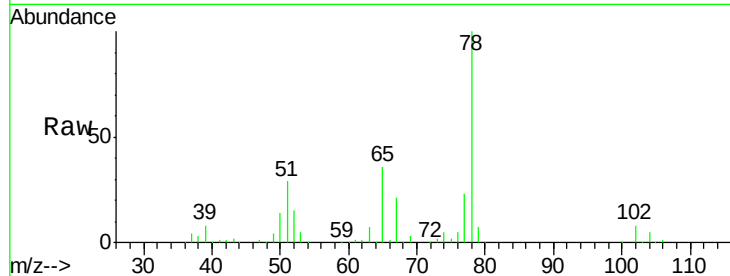
#33  
 1,2-Dichloroethane-d4  
 Concen: 45.946 ug/l  
 RT: 7.98 min Scan# 1942  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 65 Resp: 106965  
 Ion Ratio Lower Upper  
 65 100  
 67 54.8 0.0 108.2

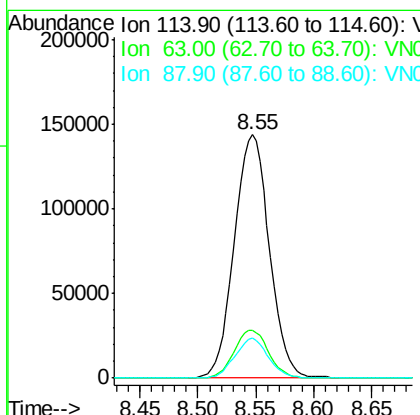
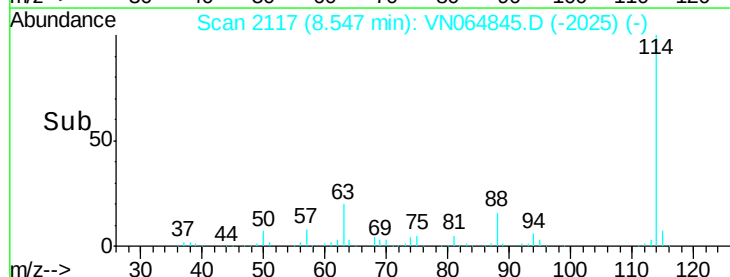
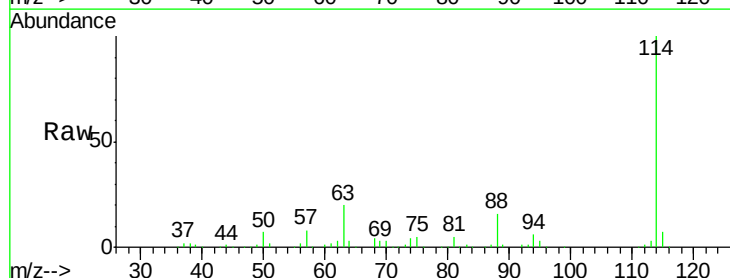
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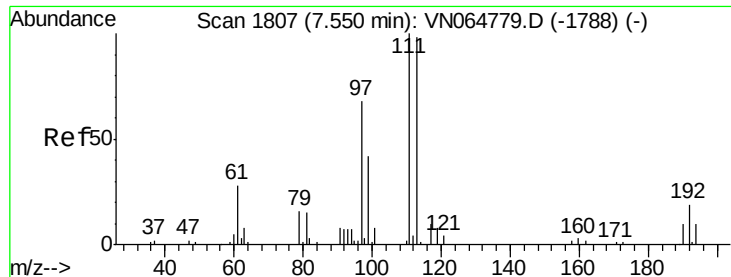
SAM  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Tgt Ion: 114 Resp: 302290  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 38.6  
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.213 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

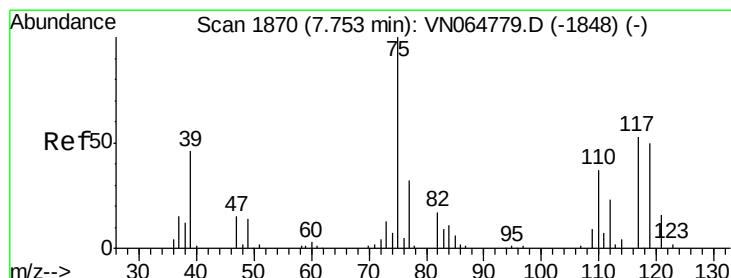
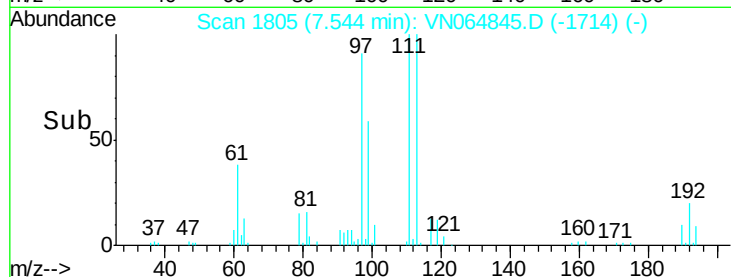
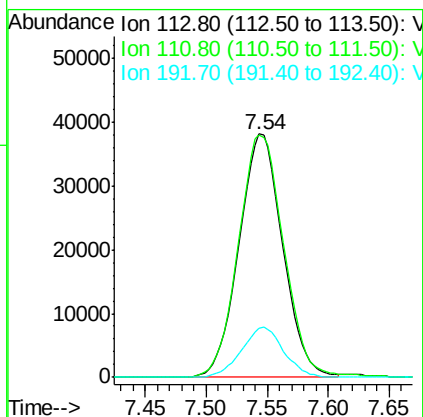
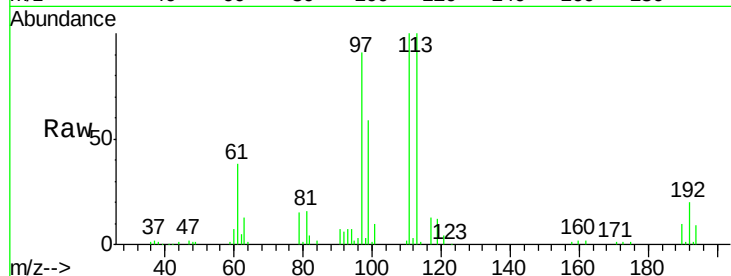
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 94443 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.6 | 81.6  | 122.4 |
| 192      | 19.8  | 16.2  | 24.2  |

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#36

1,1-Dichloropropene

Concen: 53.030 ug/l

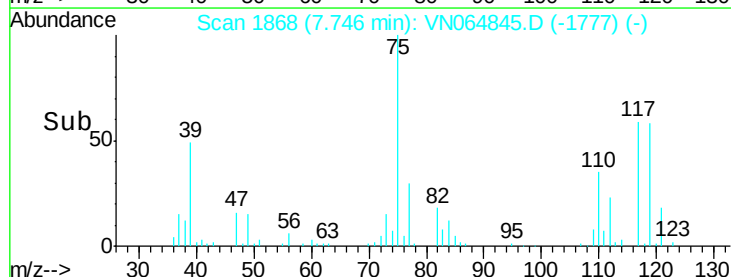
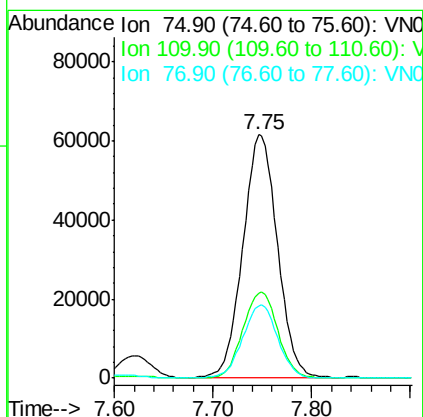
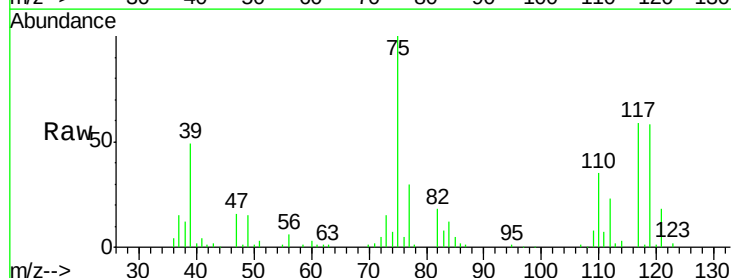
RT: 7.75 min Scan# 1868

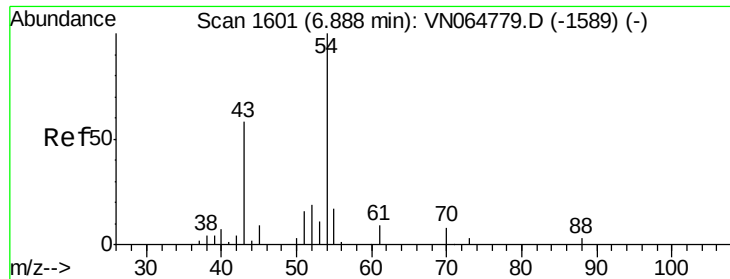
Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 148587 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 35.8  | 17.8  | 53.3   |
| 77       | 30.6  | 25.0  | 37.4   |





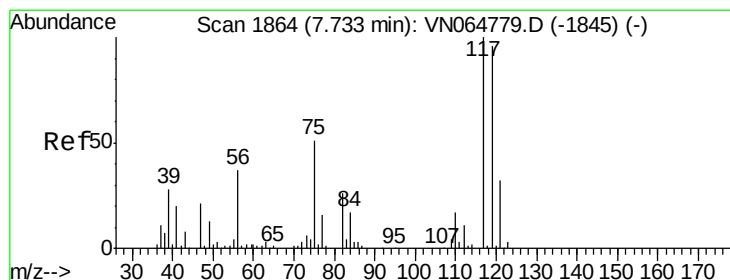
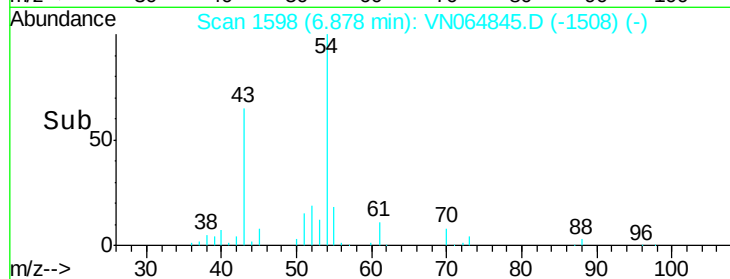
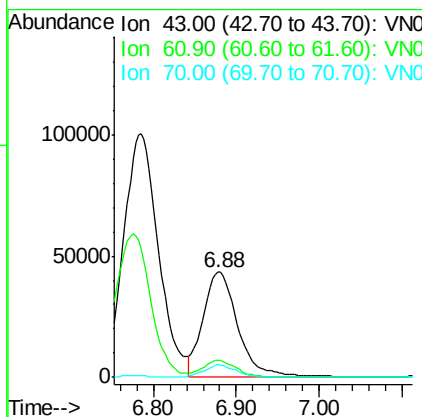
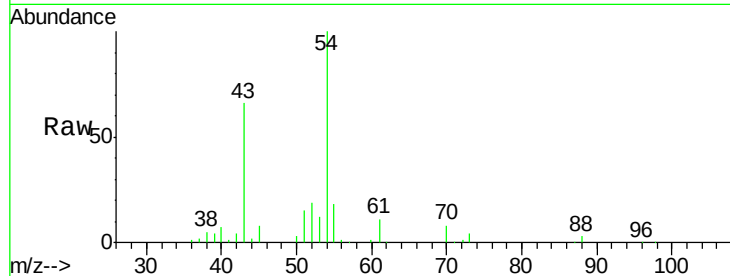
#37  
Ethyl Acetate  
Concen: 46.320 ug/l  
RT: 6.88 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.9  | 12.8  | 19.2  |
| 70      | 11.1  | 8.8   | 13.2  |

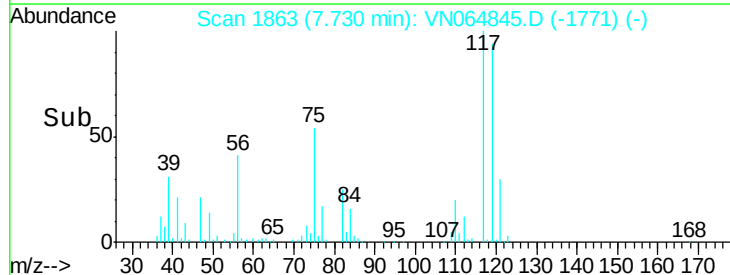
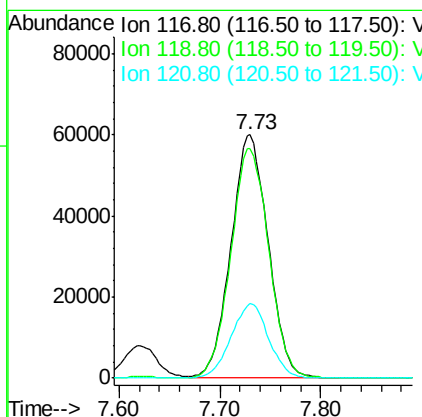
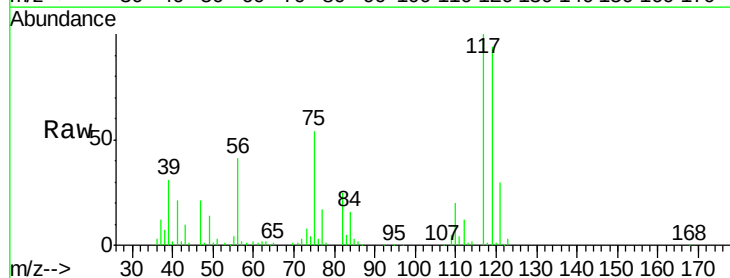
Manual Integrations  
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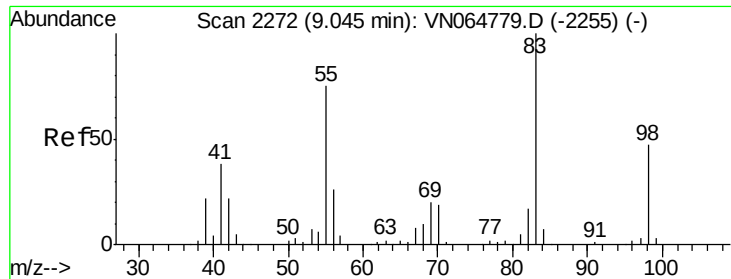


#38  
Carbon Tetrachloride  
Concen: 52.763 ug/l  
RT: 7.73 min Scan# 1863  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 76.7  | 115.1 |
| 121     | 30.4  | 25.4  | 38.2  |







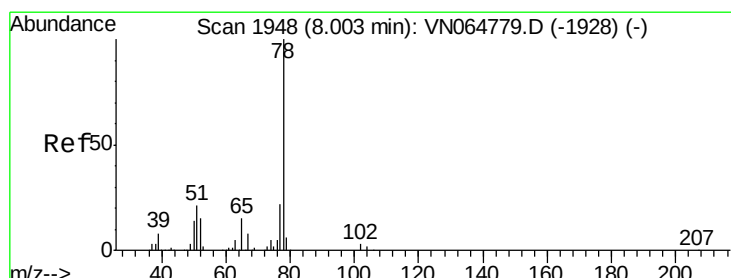
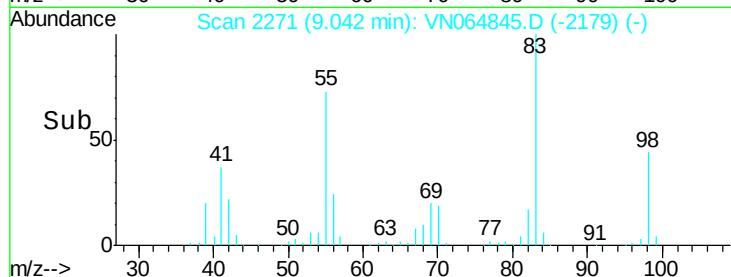
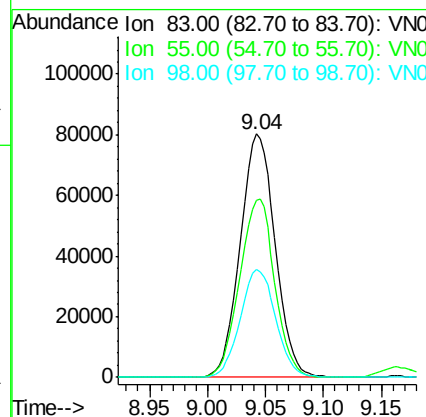
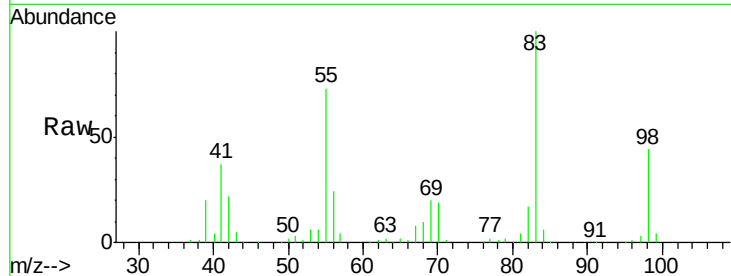
#39  
Methylvlcyclohexane  
Concen: 55.738 ug/l  
RT: 9.04 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 168121 |       |       |
| 55      | 72.5  | 60.2   | 90.2  |       |
| 98      | 44.3  | 37.4   | 56.2  |       |

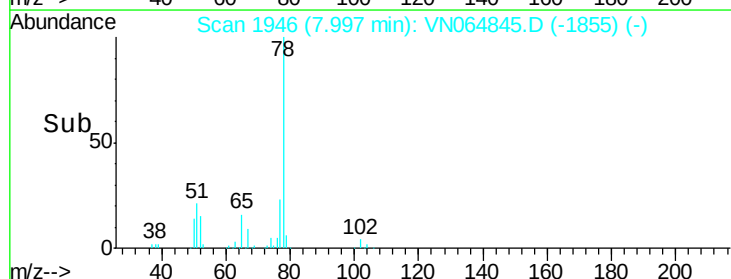
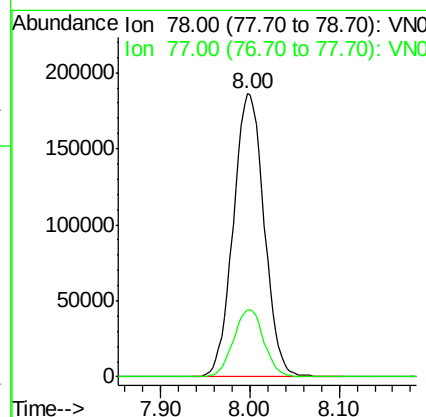
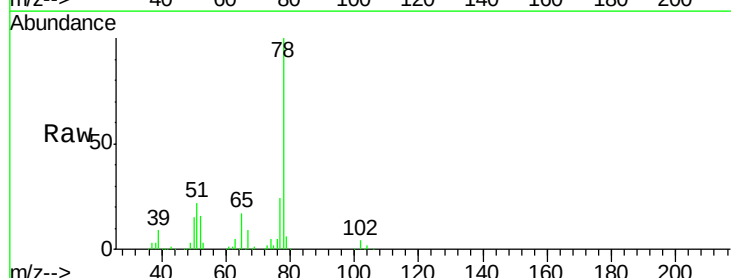
Manual Integrations  
APPROVED

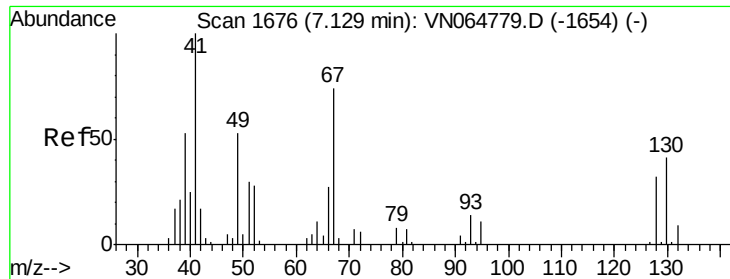
SAM  
11/27/2020 1:37:02 PM



#40  
Benzene  
Concen: 51.994 ug/l  
RT: 8.00 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 446428 |       |       |
| 77      | 23.6  | 17.9   | 26.9  |       |





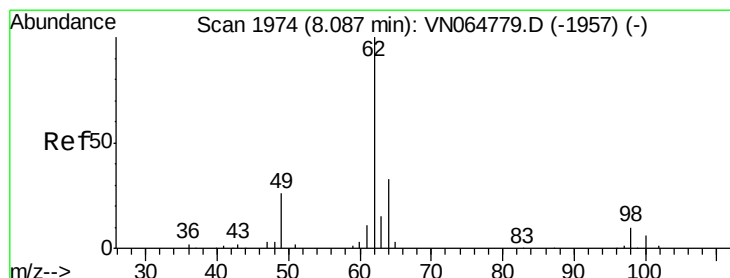
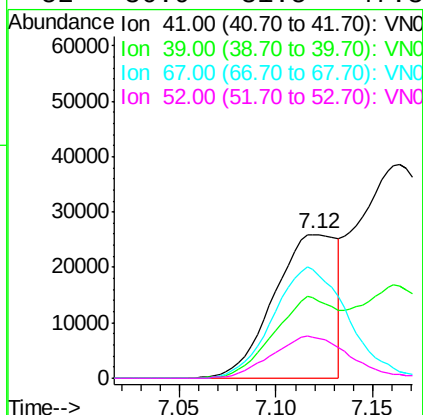
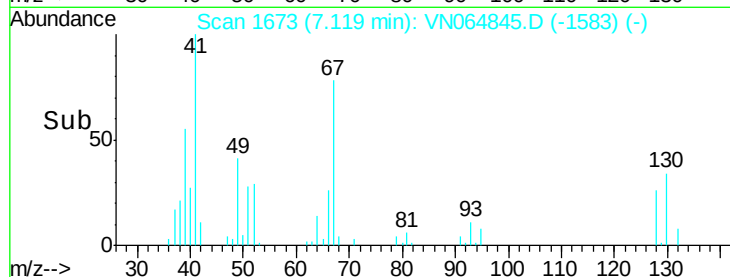
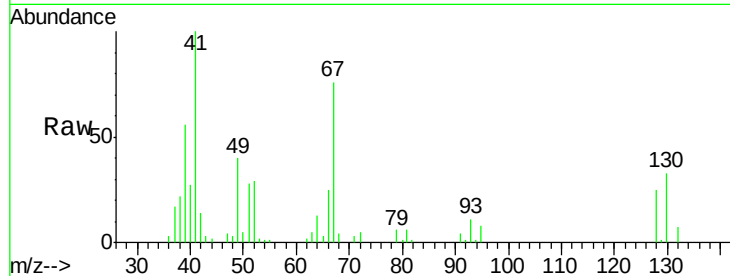
#41  
Methacrylonitrile  
Concen: 47.183 ug/l  
RT: 7.12 min Scan# 1673  
Delta R.T. -0.01 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 58761 |       |       |
| 39      | 58.2 | 51.0  | 76.6  |       |       |
| 67      | 92.8 | 79.8  | 119.8 |       |       |
| 52      | 36.9 | 31.5  | 47.3  |       |       |

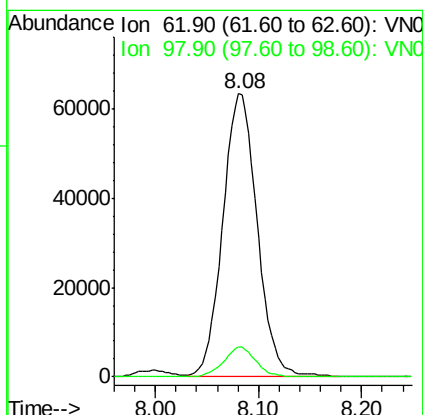
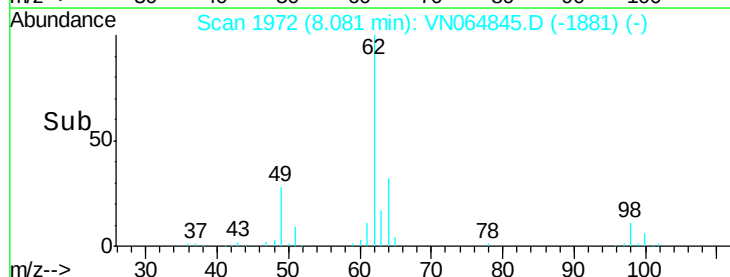
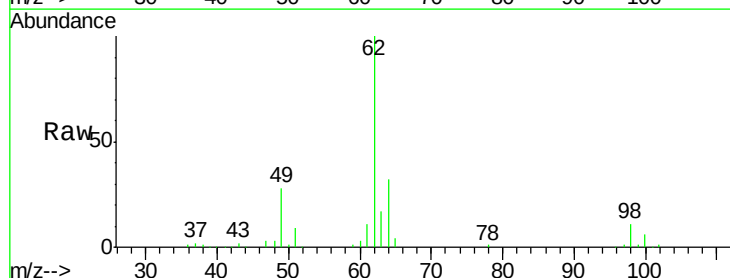
Manual Integrations  
APPROVED

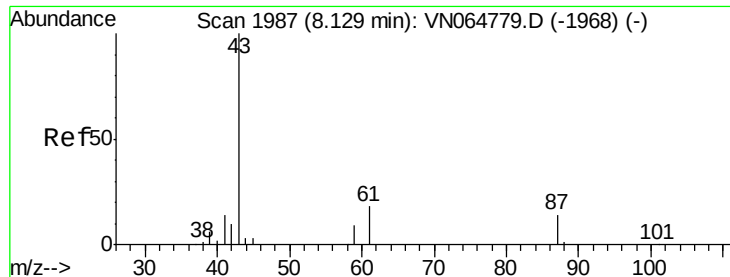
SAM  
11/27/2020 1:37:02 PM



#42  
1,2-Dichloroethane  
Concen: 50.960 ug/l  
RT: 8.08 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 147605 |       |       |
| 98      | 9.8 | 0.0   | 19.6   |       |       |





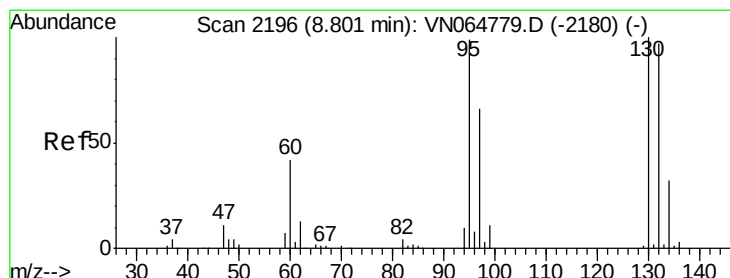
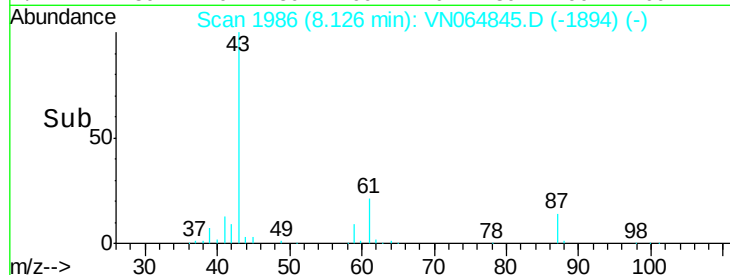
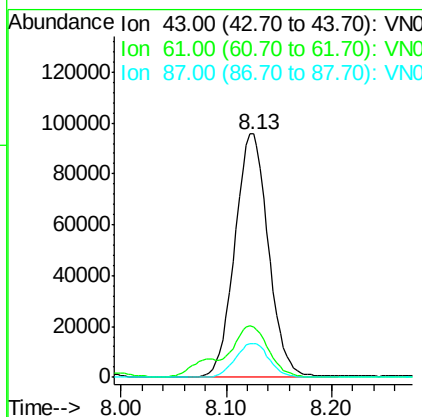
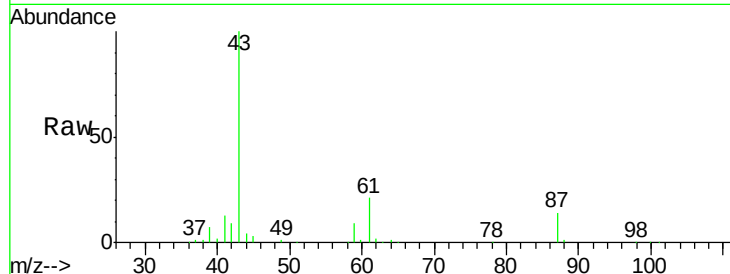
#43  
Isopropyl Acetate  
Concen: 48.800 ug/l  
RT: 8.13 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.9  | 17.2  | 25.8  |
| 87      | 13.9  | 11.4  | 17.0  |

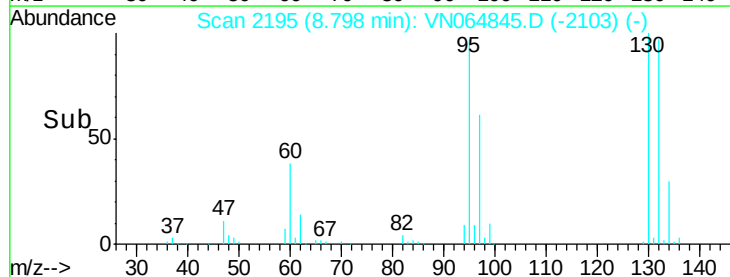
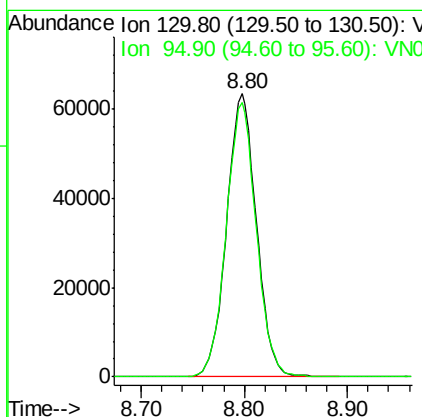
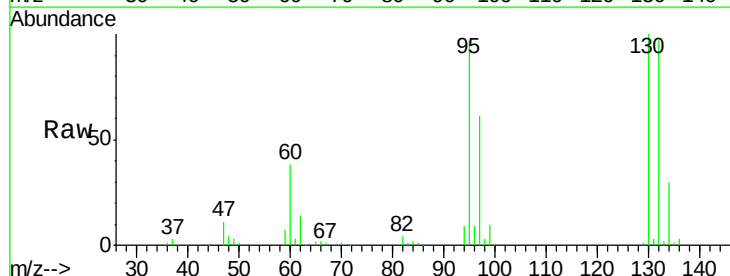
Manual Integrations  
APPROVED

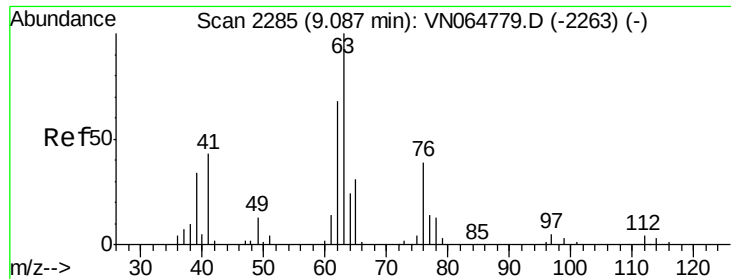
SAM  
11/27/2020 1:37:02 PM



#44  
Trichloroethene  
Concen: 50.426 ug/l  
RT: 8.80 min Scan# 2195  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.2  | 0.0   | 197.8 |





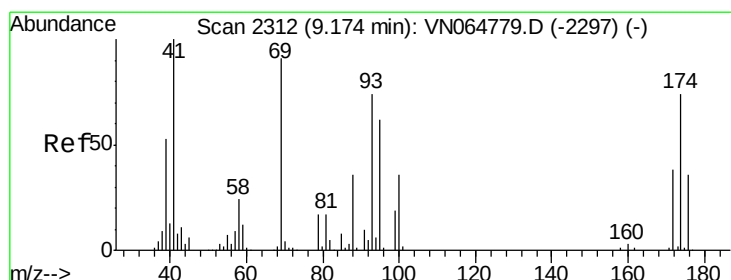
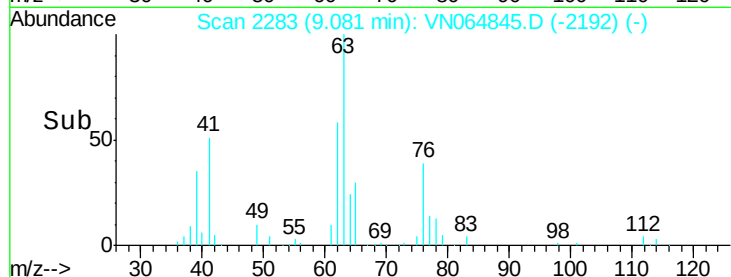
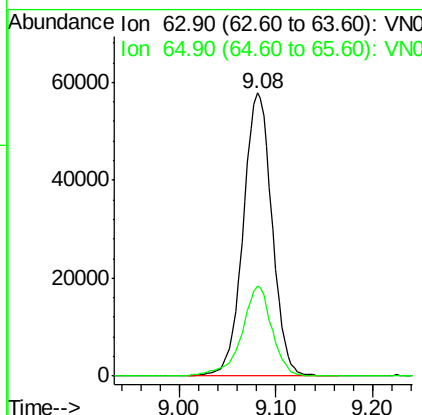
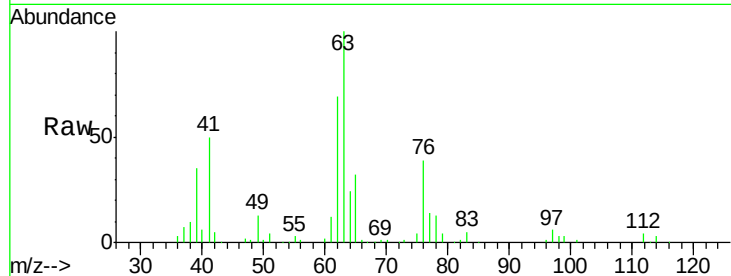
#45  
 1,2-Dichloropropane  
 Concen: 53.870 ug/l  
 RT: 9.08 min Scan# 2283  
 Delta R.T. -0.01 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 119780  
 Ion Ratio Lower Upper  
 63 100  
 65 31.7 25.0 37.4

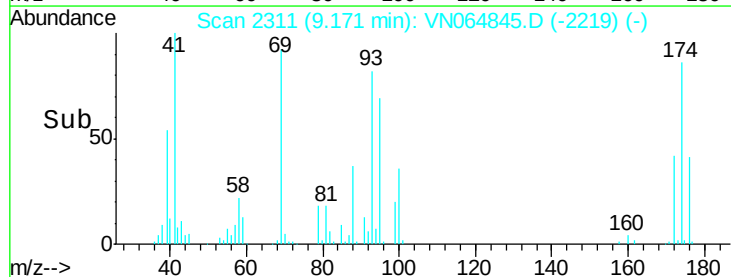
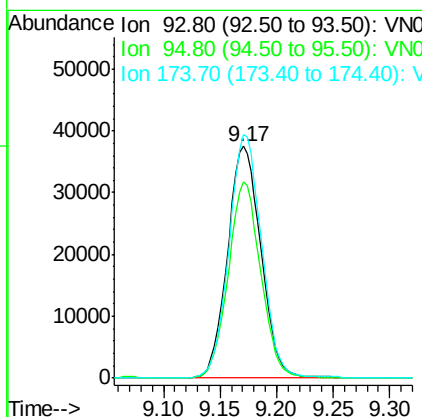
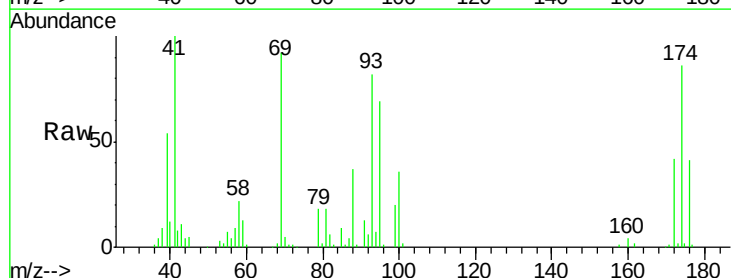
Manual Integrations  
 APPROVED

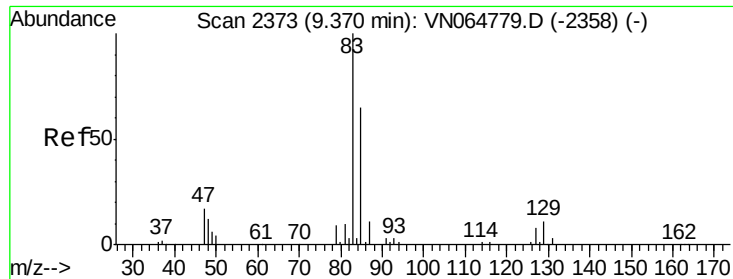
SAM  
 11/27/2020 1:37:02 PM



#46  
 Dibromomethane  
 Concen: 52.008 ug/l  
 RT: 9.17 min Scan# 2311  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Tgt Ion: 93 Resp: 77255  
 Ion Ratio Lower Upper  
 93 100  
 95 82.3 68.8 103.2  
 174 102.4 83.1 124.7





#47

Bromodichloromethane

Concen: 52.311 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

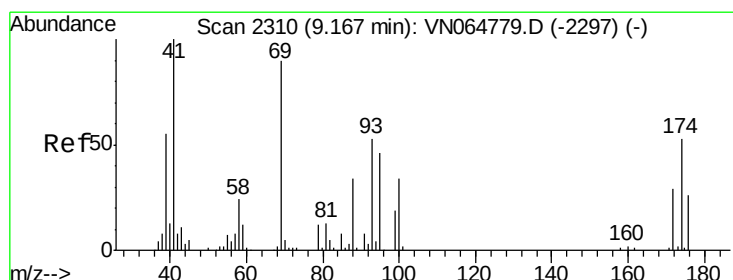
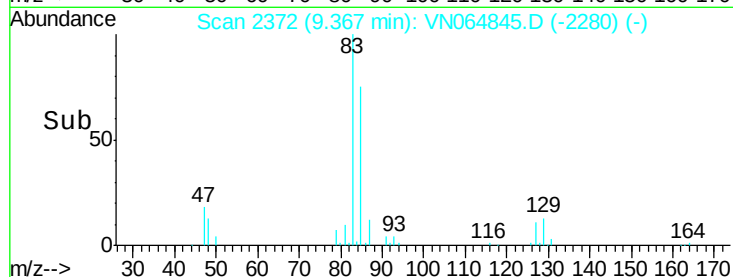
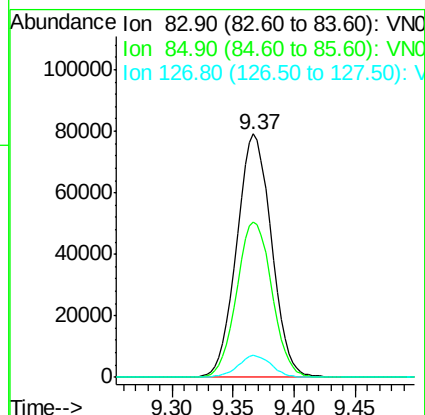
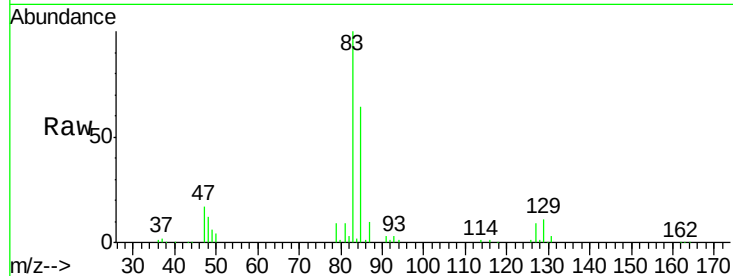
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 156354 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.0  | 51.8  | 77.8   |
| 127       | 9.1   | 6.8   | 10.2   |

Manual Integrations  
APPROVED

SAM  
11/27/2020 1:37:02 PM



#48

Methyl methacrylate

Concen: 50.374 ug/l

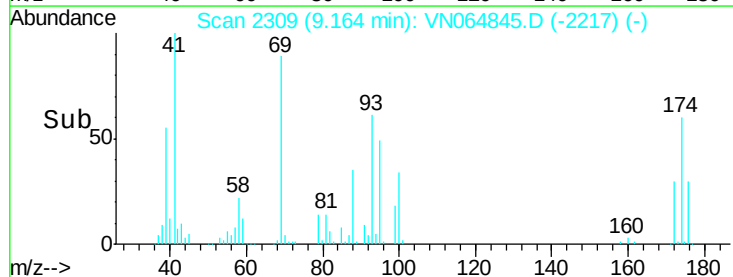
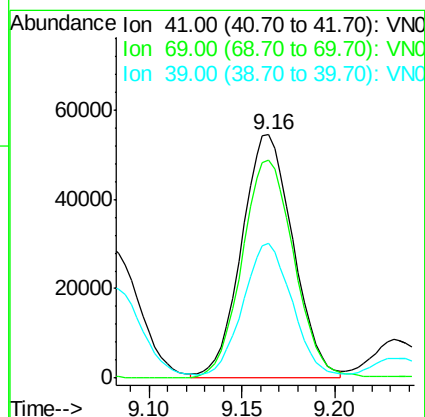
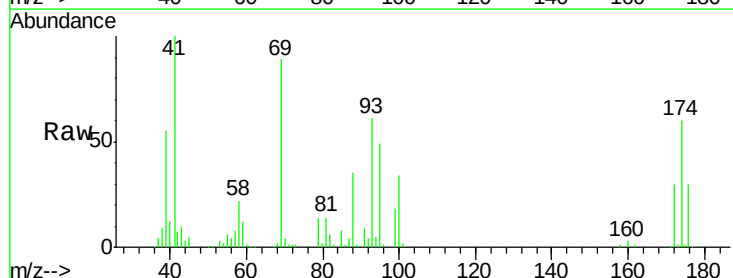
RT: 9.16 min Scan# 2309

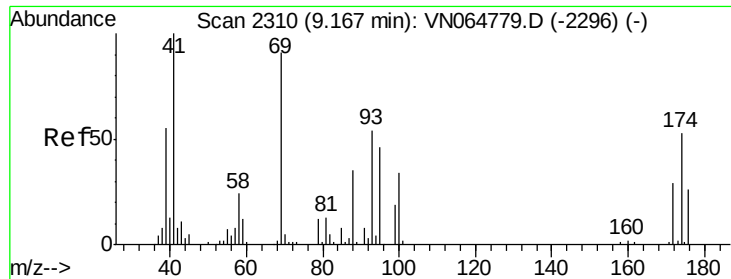
Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 104539 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 91.1  | 71.8  | 107.8  |
| 39        | 53.1  | 44.1  | 66.1   |





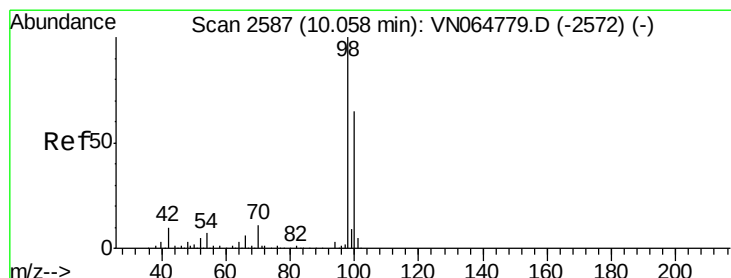
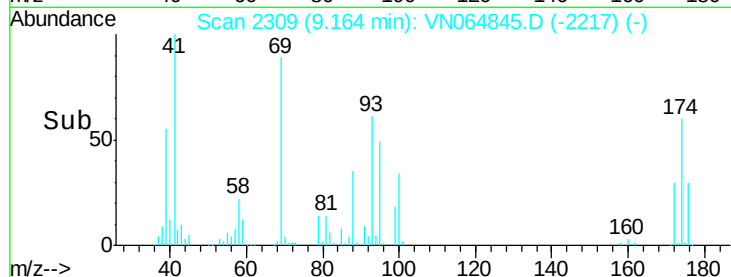
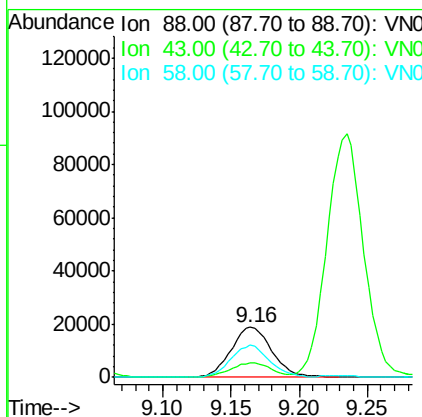
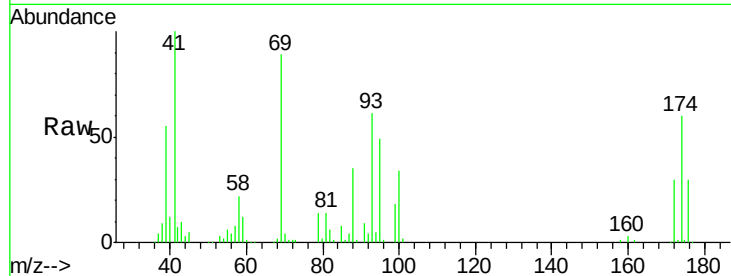
#49  
 1,4-Dioxane  
 Concen: 994.319 ug/l  
 RT: 9.16 min Scan# 2309  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 27.7  | 24.2  | 36.4  |
| 58      | 61.2  | 52.5  | 78.7  |

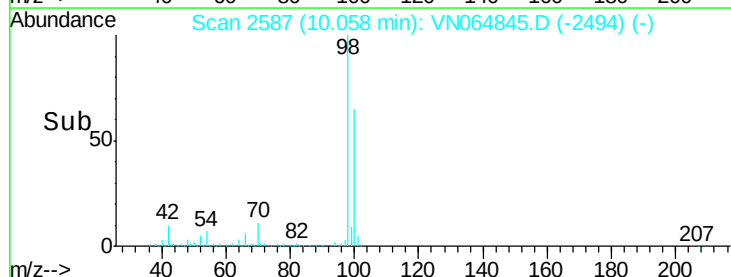
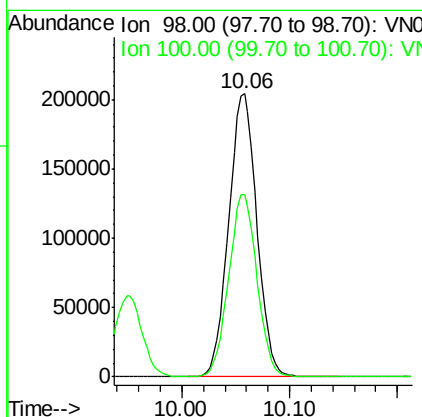
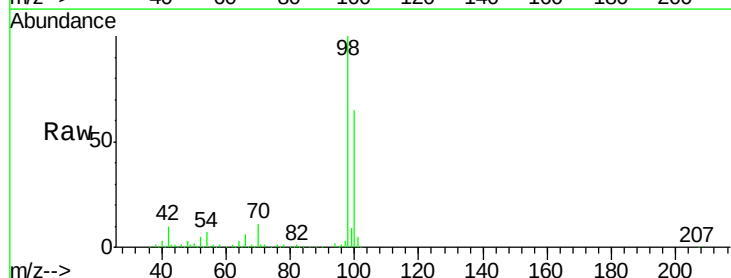
Manual Integrations  
 APPROVED

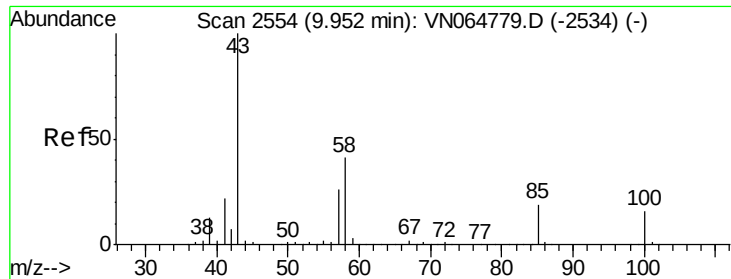
SAM  
 11/27/2020 1:37:02 PM



#50  
 Toluene-d8  
 Concen: 50.369 ug/l  
 RT: 10.06 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.0  | 51.7  | 77.5  |





#51

4-Methyl-2-Pentanone

Concen: 243.972 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 636115

Ion Ratio Lower Upper

43 100

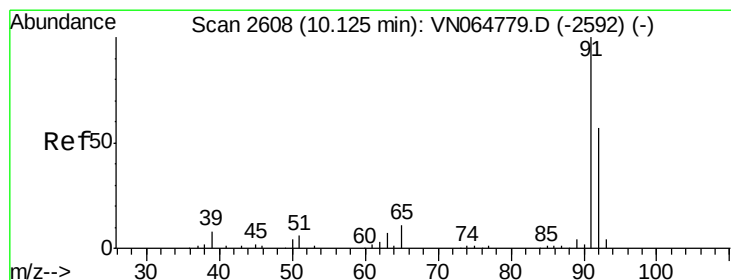
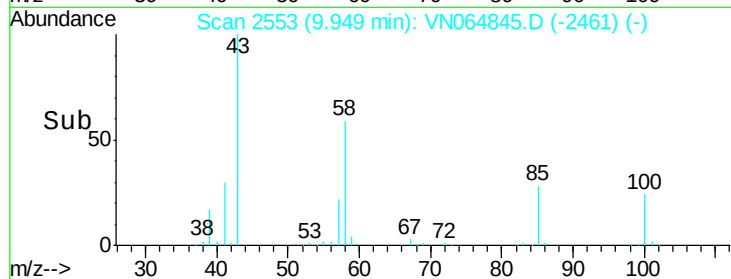
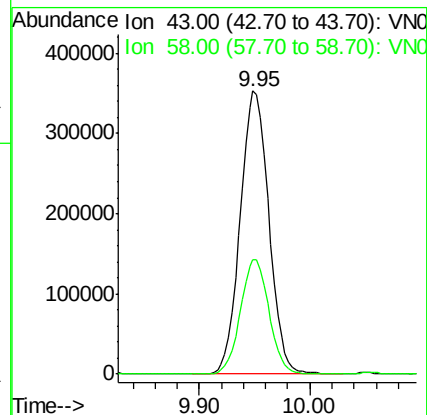
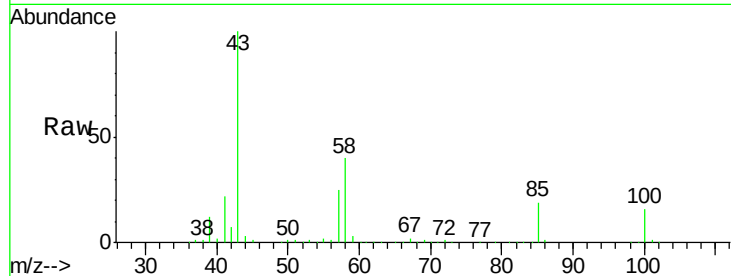
58 40.4 32.4 48.6

Manual Integrations

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SAM

11/27/2020 1:37:02 PM



#52

Toluene

Concen: 54.050 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064845.D

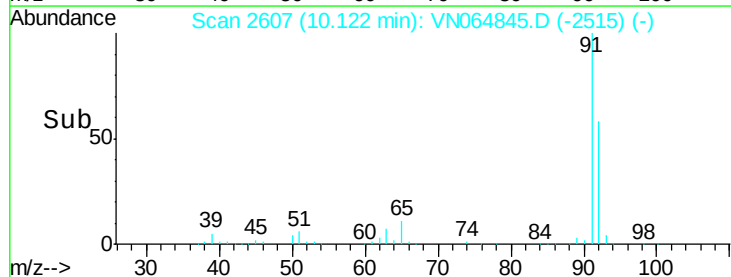
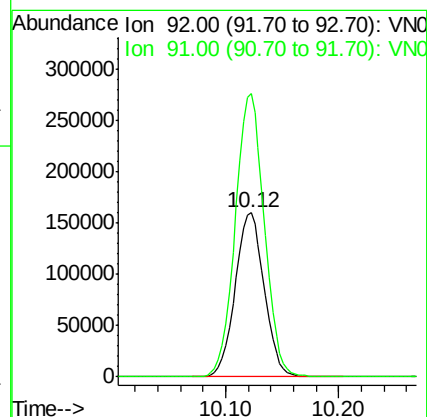
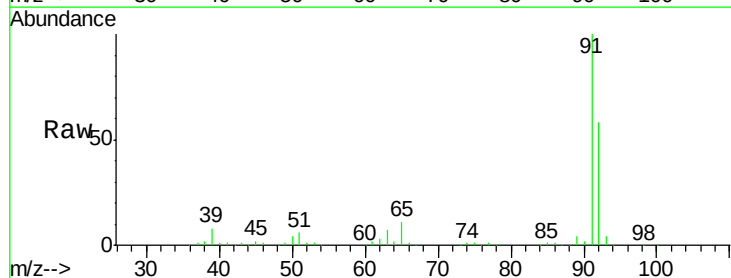
Acq: 25 Nov 2020 9:37

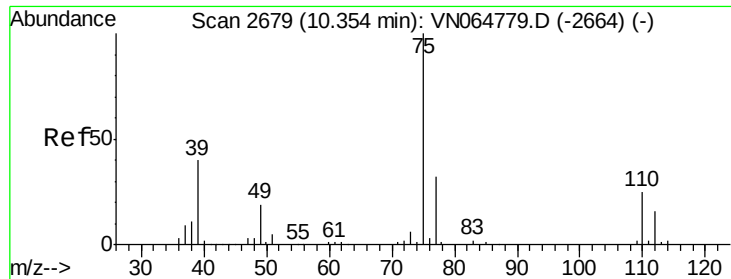
Tgt Ion: 92 Resp: 285796

Ion Ratio Lower Upper

92 100

91 172.4 139.1 208.7





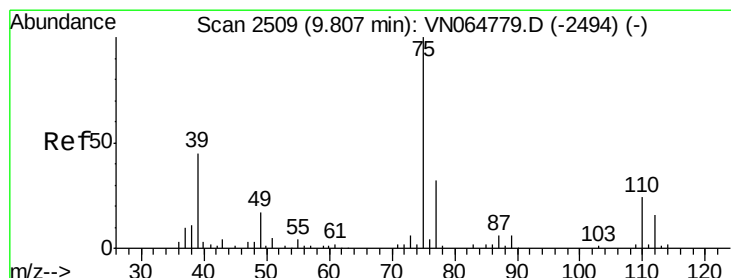
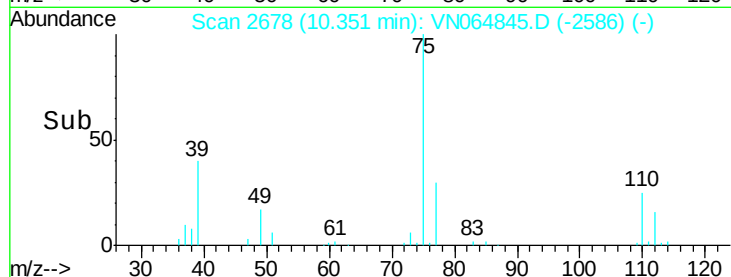
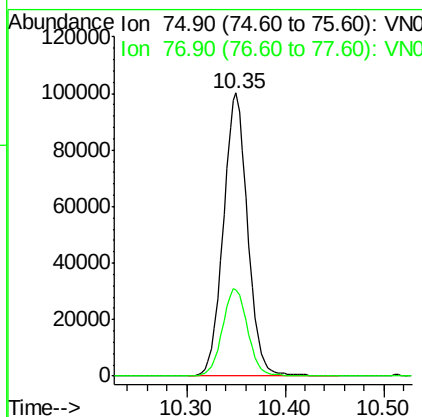
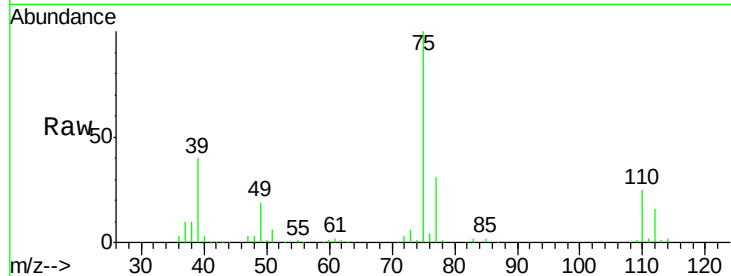
#53  
t-1,3-Dichloropropene  
Concen: 51.995 ug/l  
RT: 10.35 min Scan# 2678  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 173096  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.8 38.6

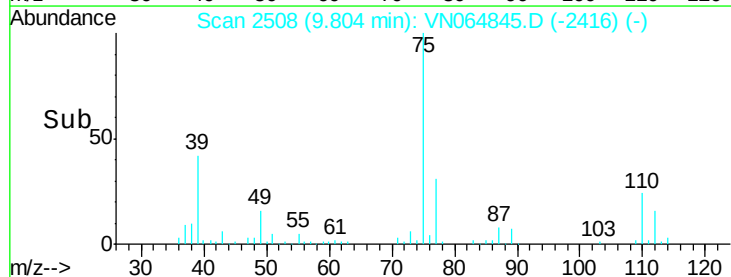
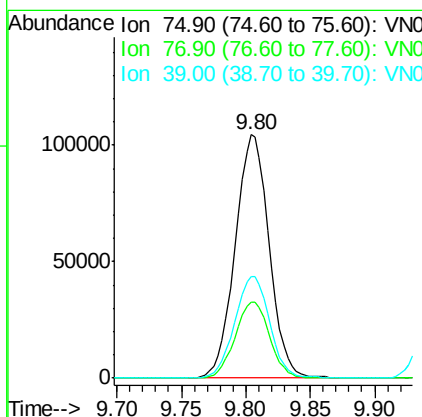
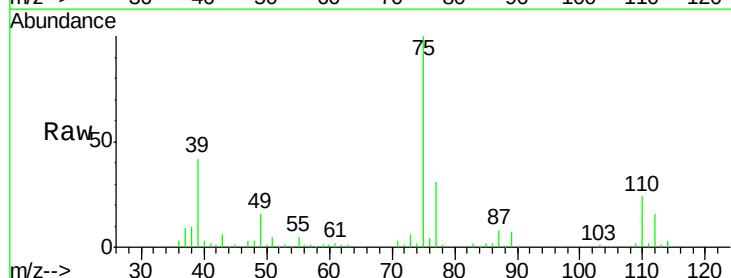
Manual Integrations  
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SAM  
11/27/2020 1:37:02 PM

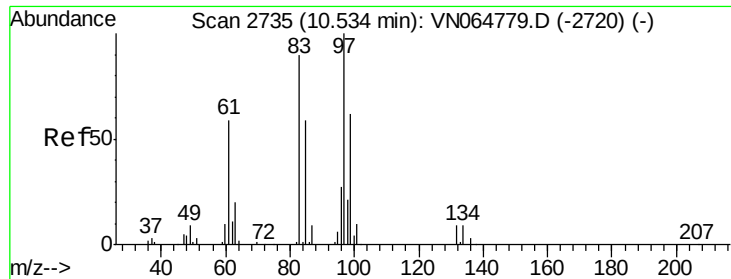


#54  
cis-1,3-Dichloropropene  
Concen: 53.611 ug/l  
RT: 9.80 min Scan# 2508  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Tgt Ion: 75 Resp: 191300  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.5 38.3  
39 41.9 35.6 53.4







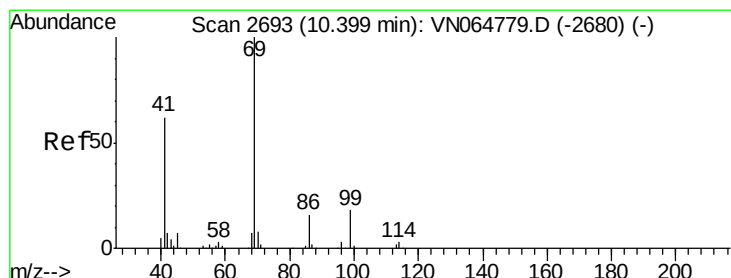
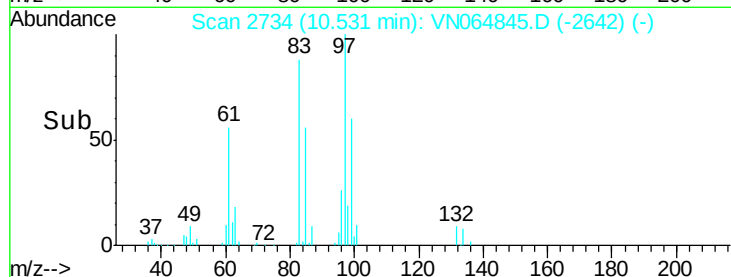
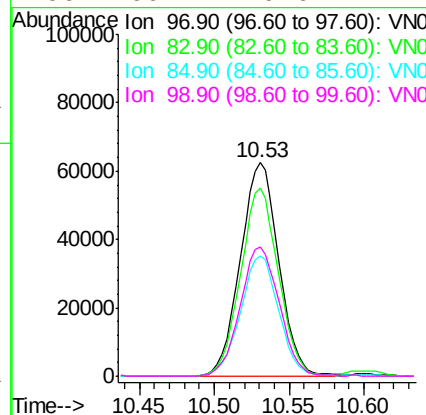
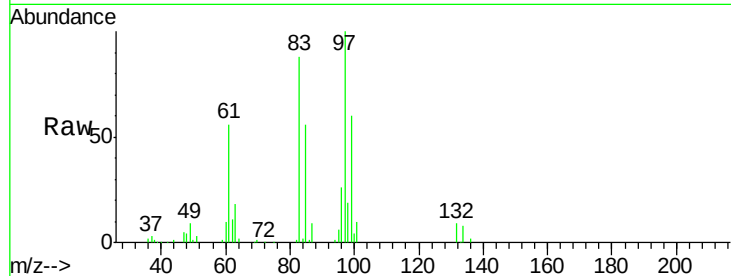
#55  
 1,1,2-Trichloroethane  
 Concen: 51.430 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 111827 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.3  | 72.1  | 108.1  |
| 85       | 56.5  | 46.8  | 70.2   |
| 99       | 60.4  | 49.6  | 74.4   |

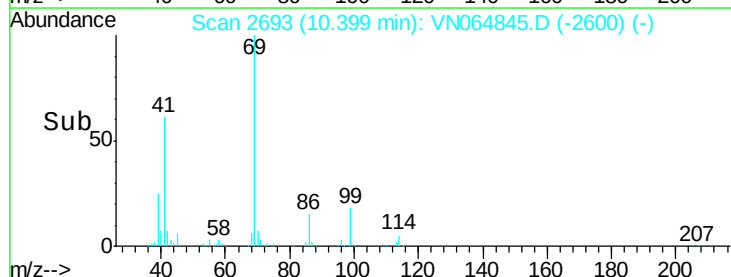
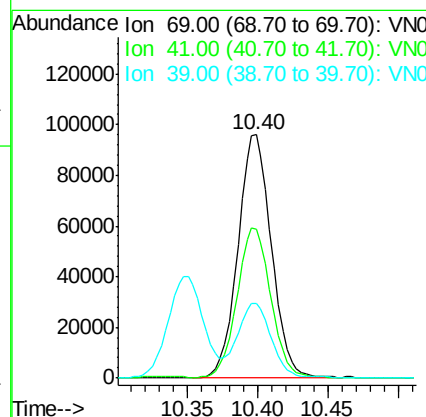
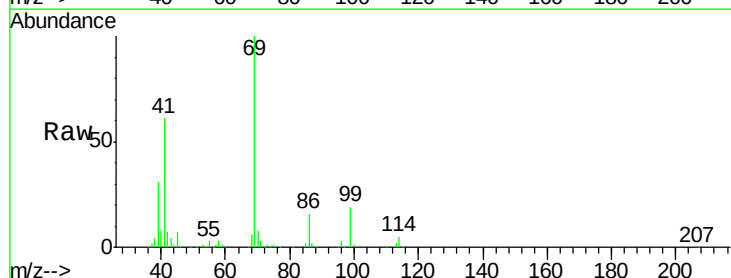
Manual Integrations  
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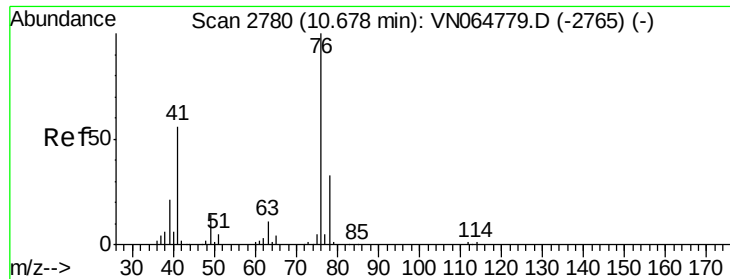
SAM  
 11/27/2020 1:37:02 PM



#56  
 Ethyl methacrylate  
 Concen: 53.338 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 160040 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.9  | 49.4  | 74.0   |
| 39       | 30.2  | 25.9  | 38.9   |





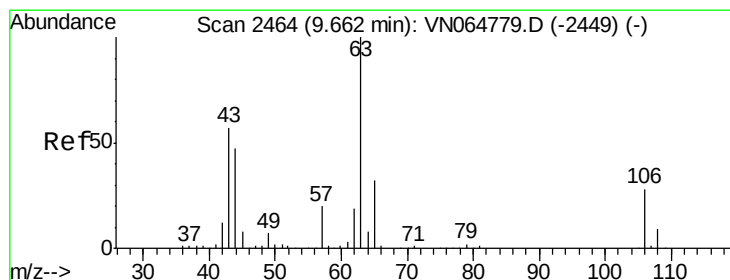
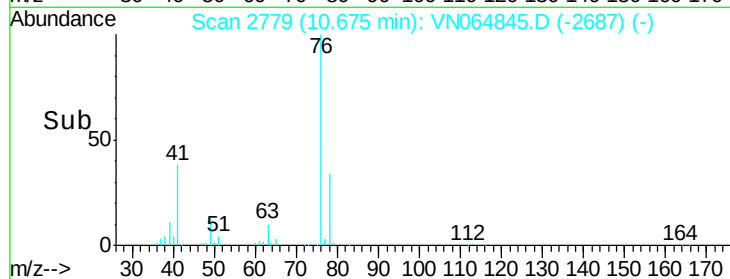
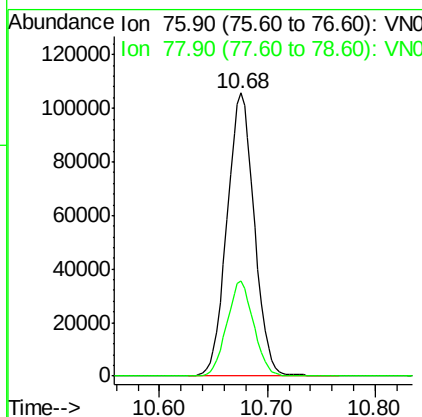
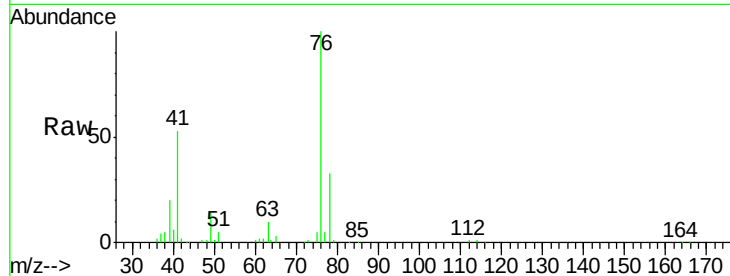
#57  
 1,3-Dichloropropane  
 Concen: 51.973 ug/l  
 RT: 10.68 min Scan# 2779  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 186415  
 Ion Ratio Lower Upper  
 76 100  
 78 33.1 26.1 39.1

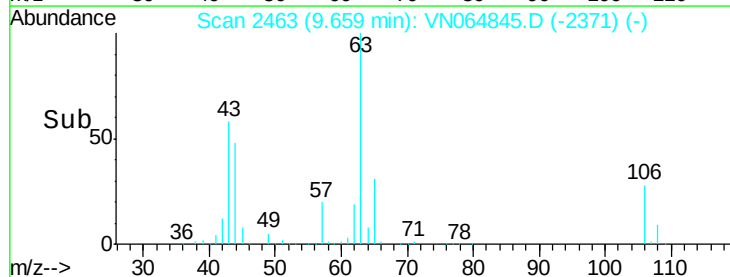
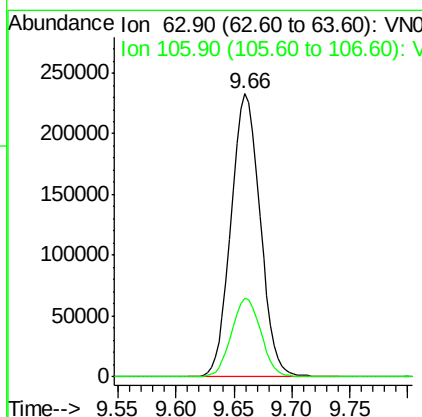
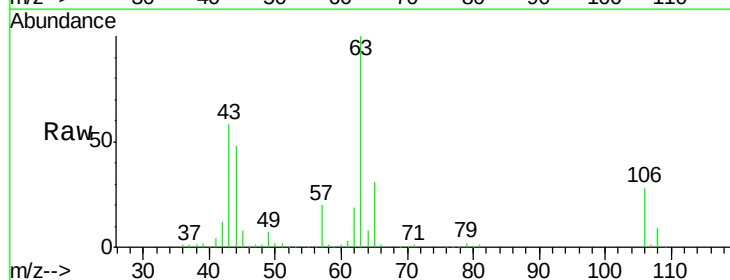
Manual Integrations  
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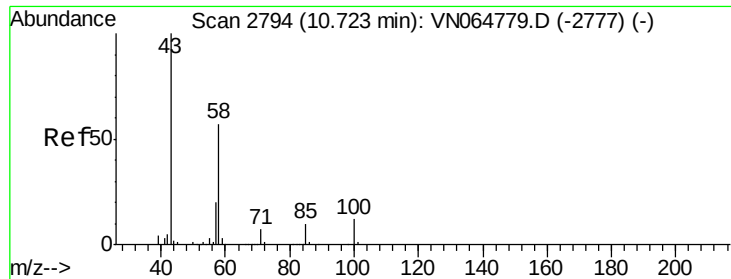
SAM  
 11/27/2020 1:37:02 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 245.623 ug/l  
 RT: 9.66 min Scan# 2463  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Tgt Ion: 63 Resp: 405397  
 Ion Ratio Lower Upper  
 63 100  
 106 28.1 22.7 34.1





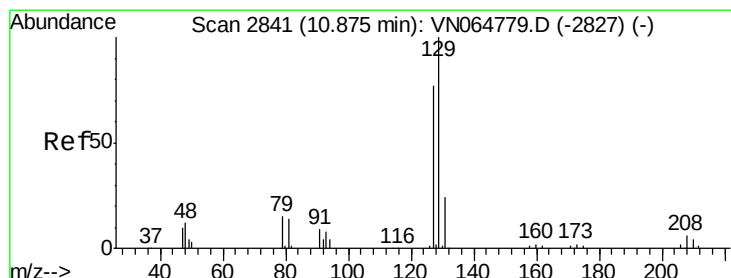
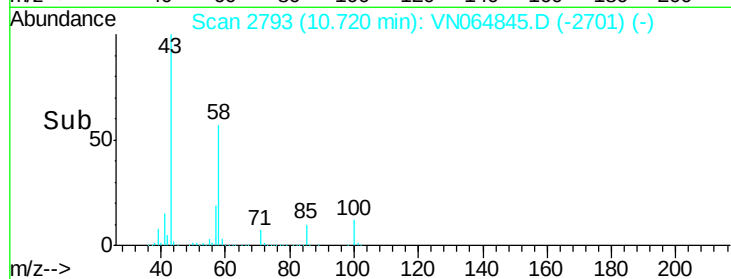
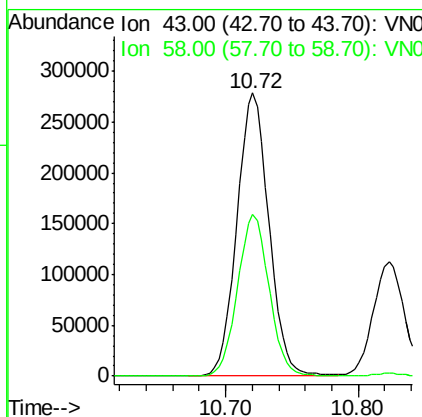
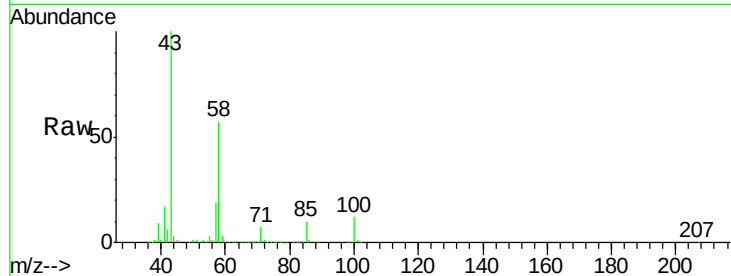
#59  
2-Hexanone  
Concen: 248.698 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 466670  
Ion Ratio Lower Upper  
43 100  
58 56.4 28.3 84.9

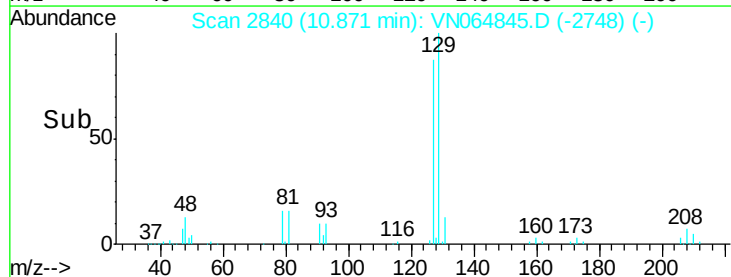
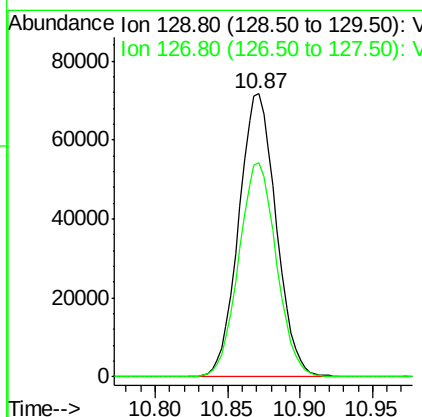
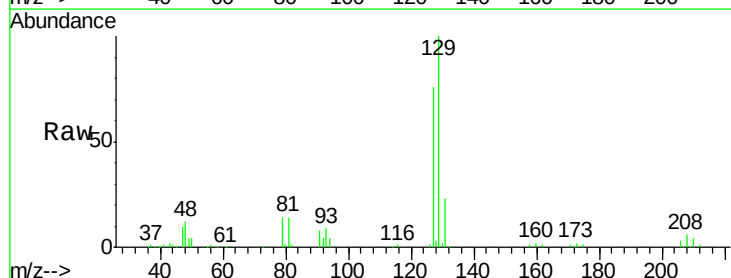
Manual Integrations  
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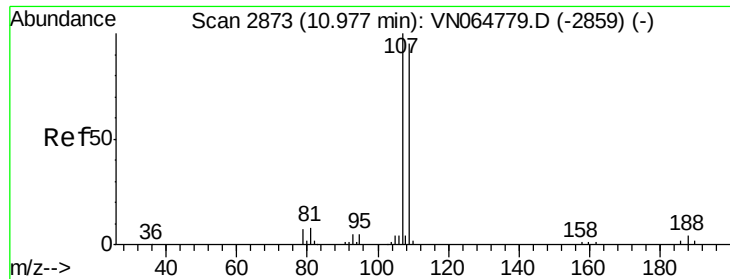
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#60  
Dibromochloromethane  
Concen: 53.337 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Tgt Ion: 129 Resp: 128914  
Ion Ratio Lower Upper  
129 100  
127 75.9 39.1 117.2





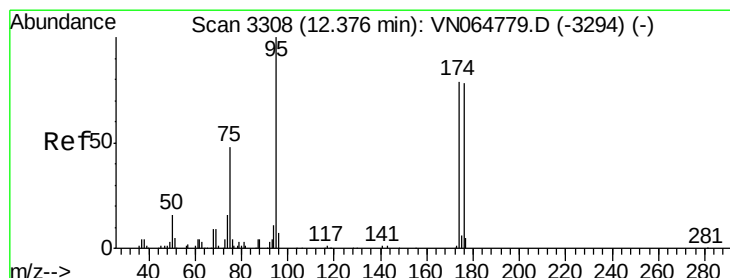
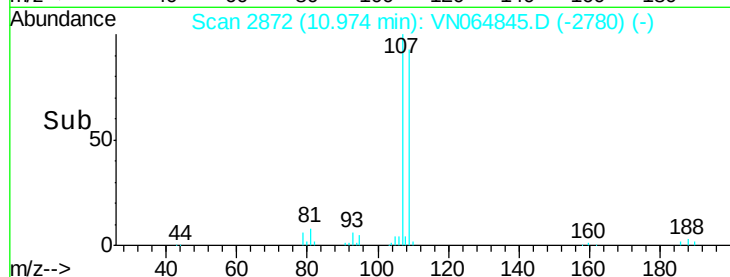
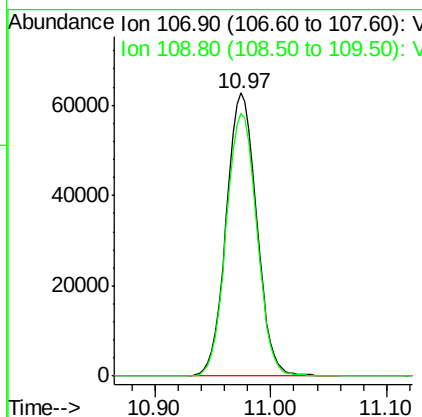
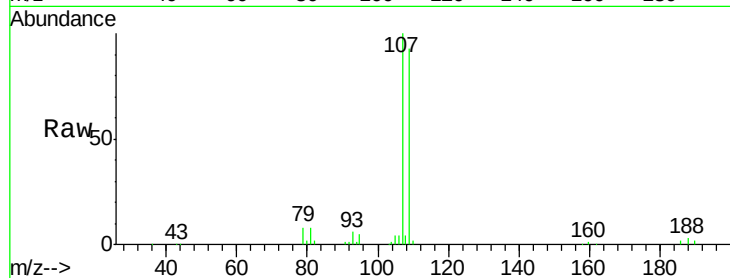
#61  
 1,2-Dibromoethane  
 Concen: 51.643 ug/l  
 RT: 10.97 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 107 Resp: 114083  
 Ion Ratio Lower Upper  
 107 100  
 109 93.5 76.0 114.0

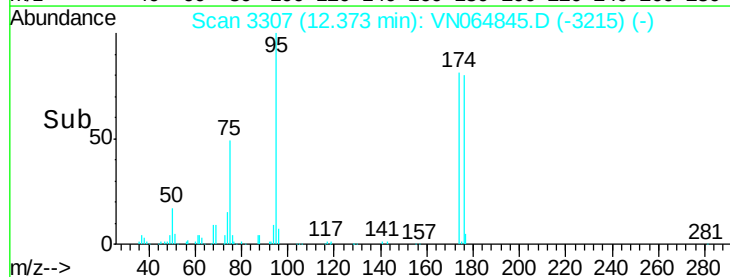
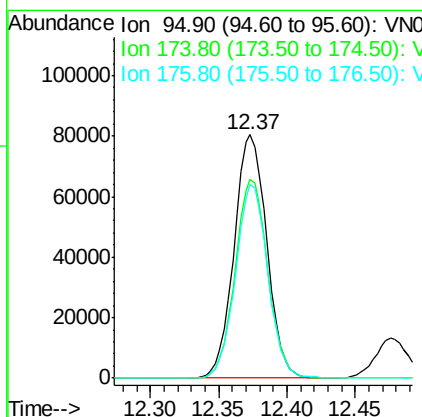
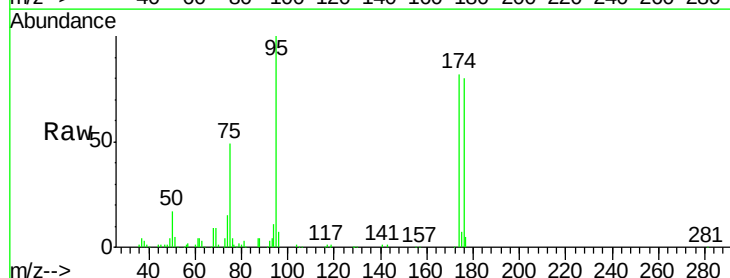
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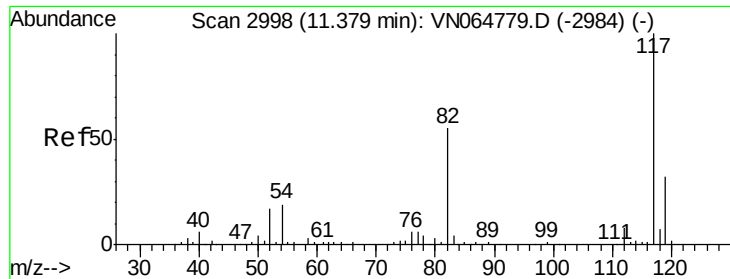
SAM  
 11/27/2020 1:37:02 PM



#62  
 4-Bromofluorobenzene  
 Concen: 50.496 ug/l  
 RT: 12.37 min Scan# 3307  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Tgt Ion: 95 Resp: 133559  
 Ion Ratio Lower Upper  
 95 100  
 174 81.8 0.0 160.4  
 176 78.9 0.0 158.4





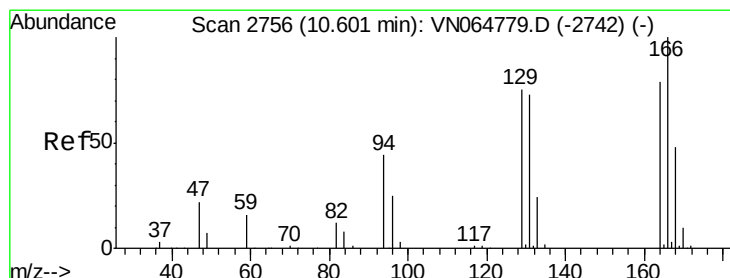
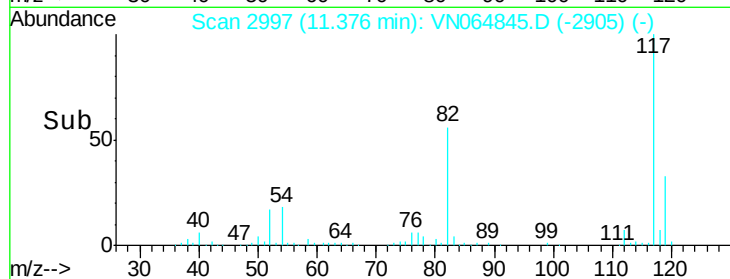
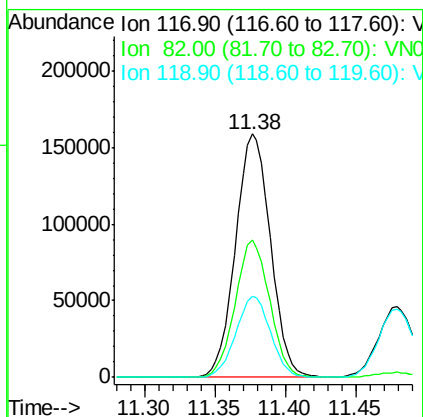
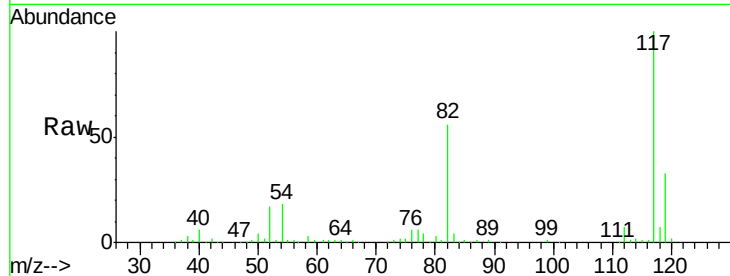
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2997  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.3  | 44.2  | 66.2  |
| 119     | 33.2  | 25.8  | 38.6  |

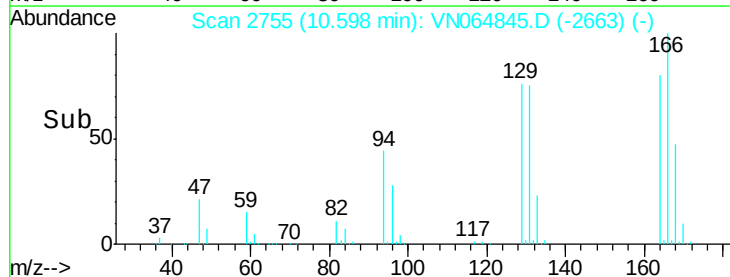
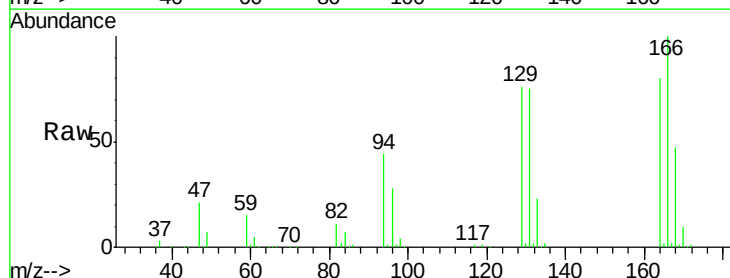
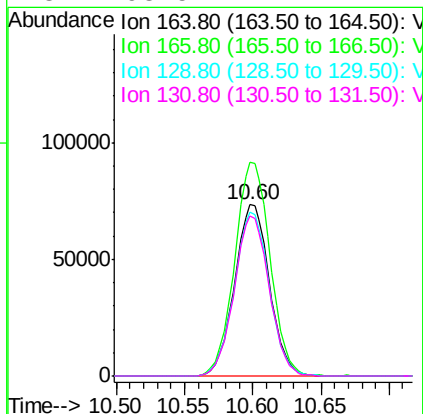
Manual Integrations  
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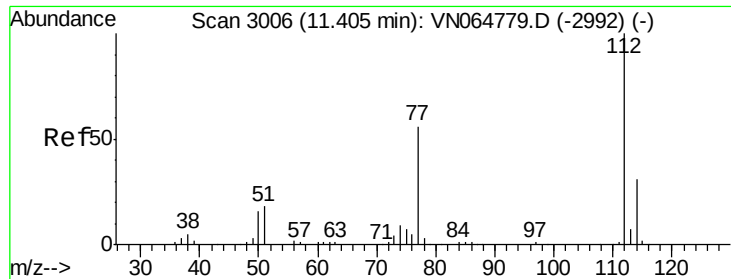
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#64  
Tetrachloroethene  
Concen: 48.294 ug/l  
RT: 10.60 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 124.8 | 101.4 | 152.0 |
| 129     | 95.4  | 76.1  | 114.1 |
| 131     | 93.5  | 74.2  | 111.2 |





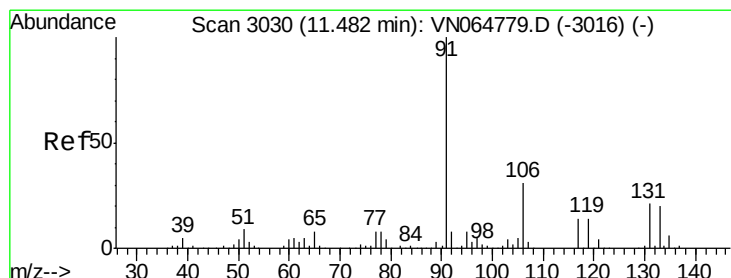
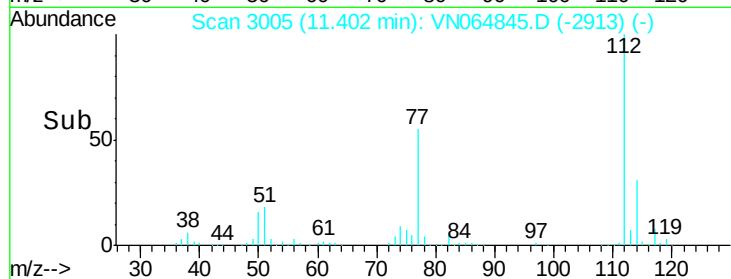
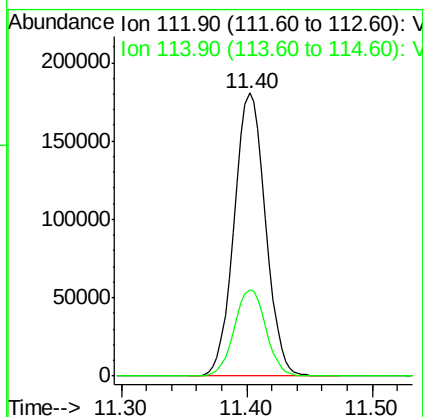
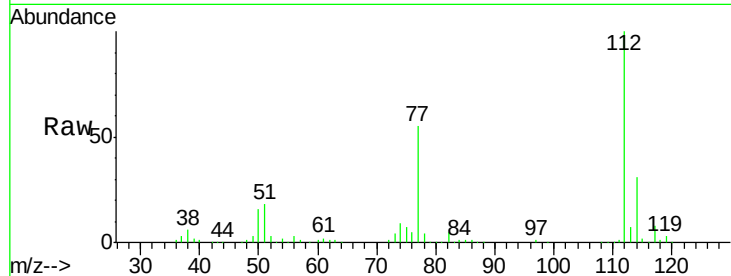
#65  
Chlorobenzene  
Concen: 52.810 ug/l  
RT: 11.40 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 314014  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.1 37.7

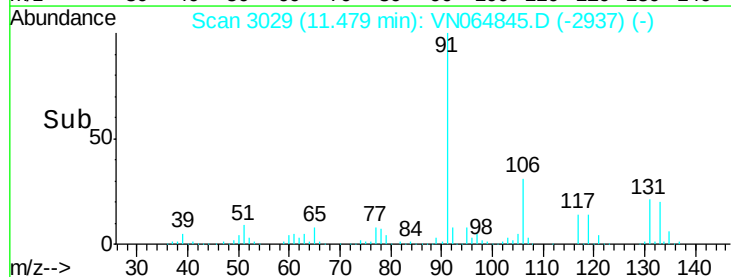
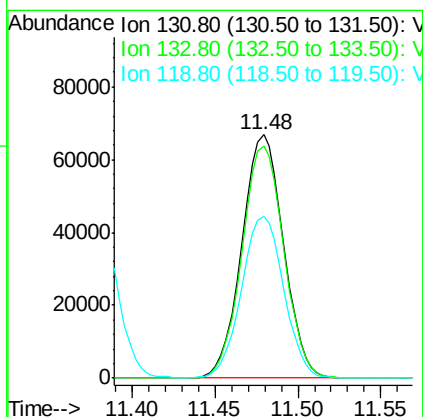
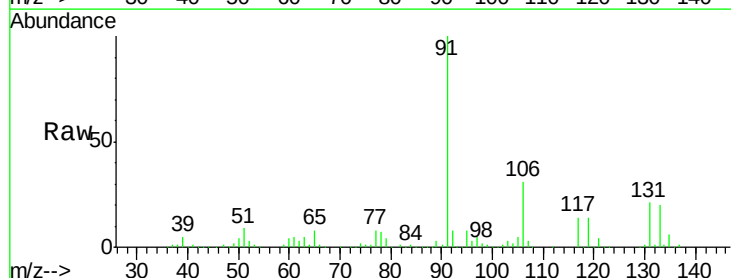
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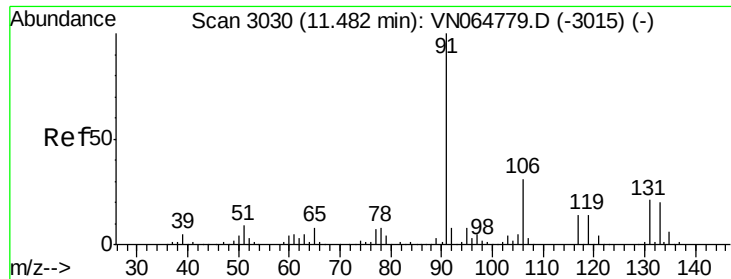
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.455 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Tgt Ion:131 Resp: 116810  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.5 142.5  
119 67.7 33.3 99.8





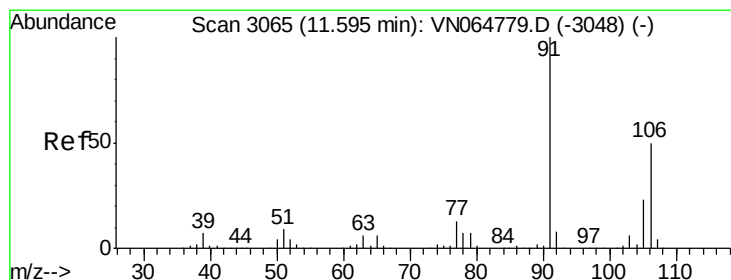
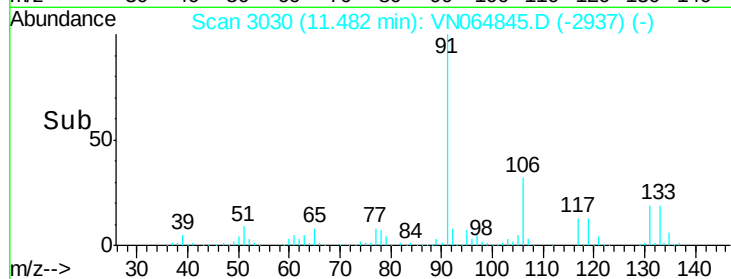
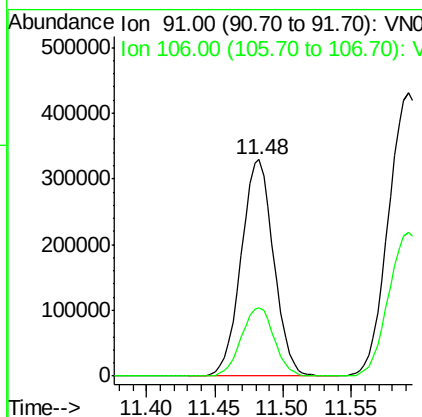
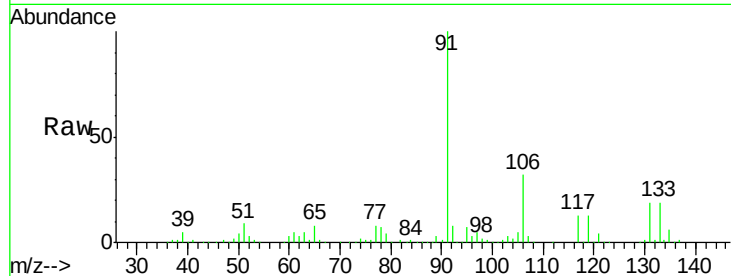
#67  
Ethyl Benzene  
Concen: 54.871 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 545055  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.2 37.8

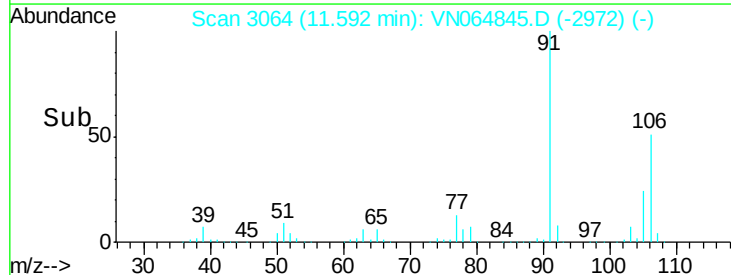
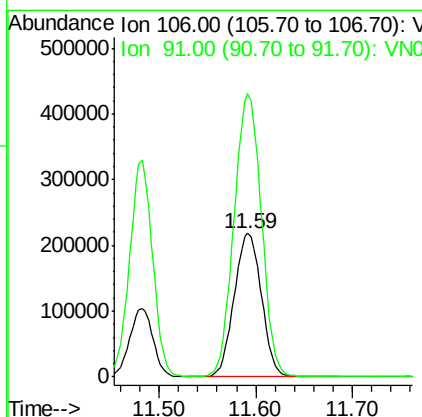
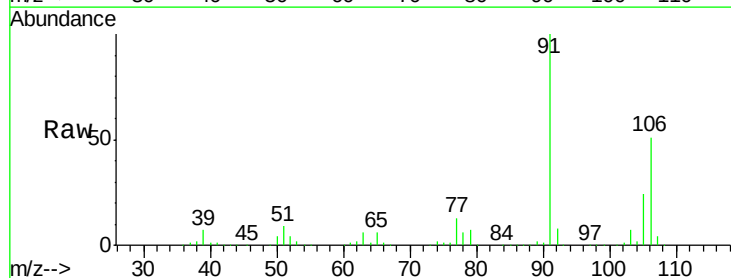
Manual Integrations  
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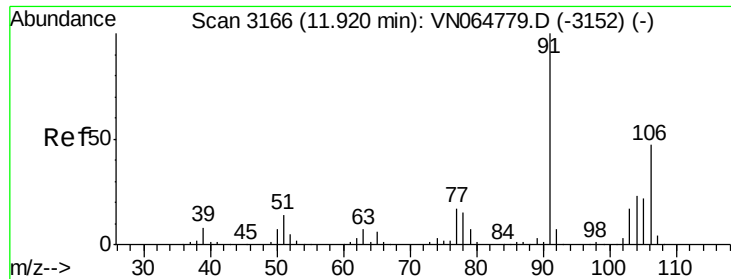
SAM  
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#68  
m/p-Xylenes  
Concen: 113.488 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Tgt Ion: 106 Resp: 426809  
Ion Ratio Lower Upper  
106 100  
91 198.3 161.0 241.4





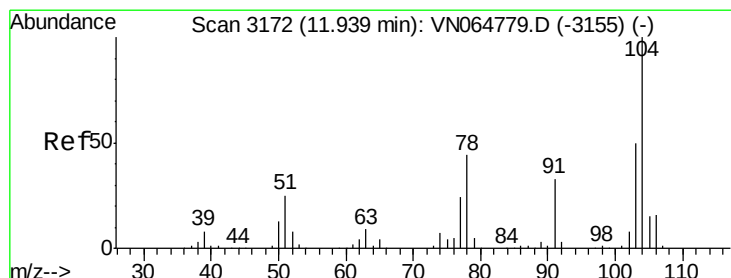
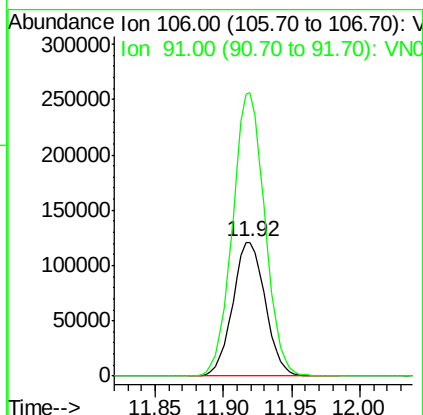
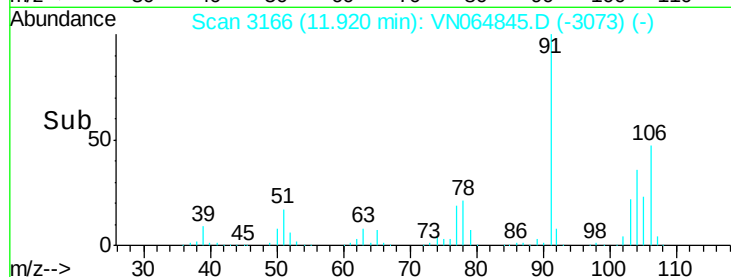
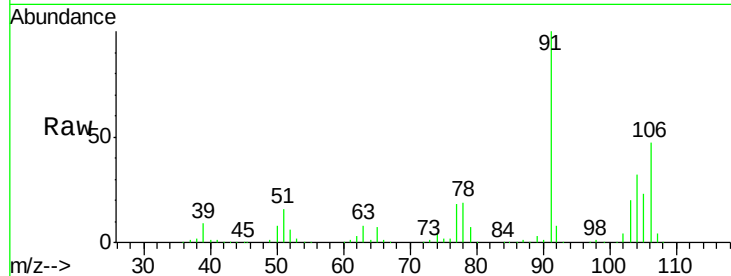
#69  
o-Xylene  
Concen: 56.374 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 209.4 | 105.5 | 316.5 |

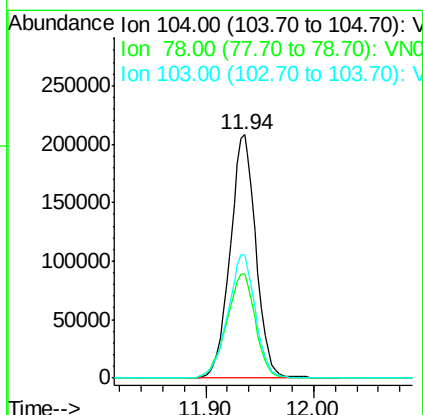
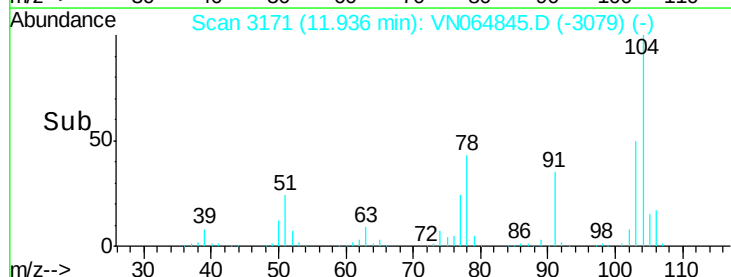
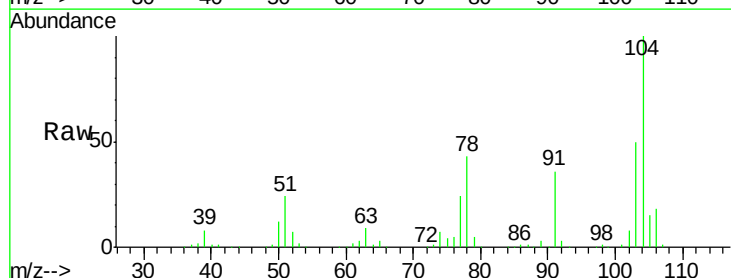
Manual Integrations  
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SAM  
11/27/2020 1:37:02 PM

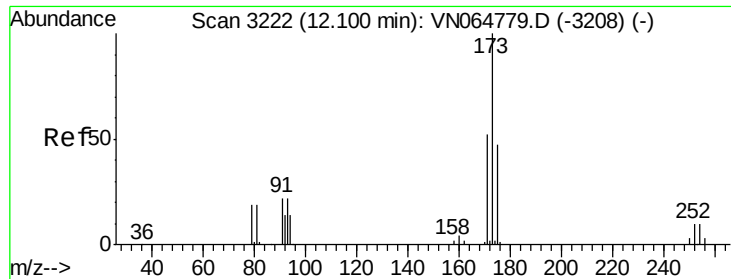


#70  
Styrene  
Concen: 57.541 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.8  | 39.0  | 58.6  |
| 103     | 54.0  | 44.3  | 66.5  |







#71

Bromoform

Concen: 49.780 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

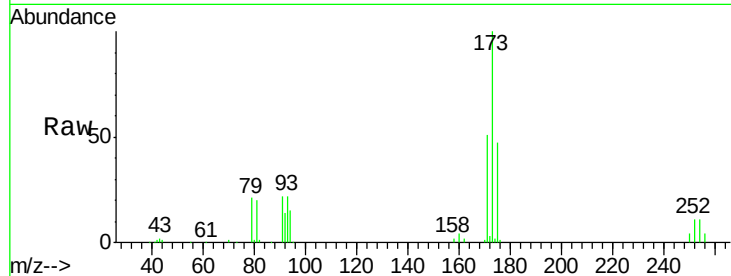
VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 86883 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.8  | 24.3  | 72.8  |
| 254       | 0.0   | 0.0   | 0.0   |

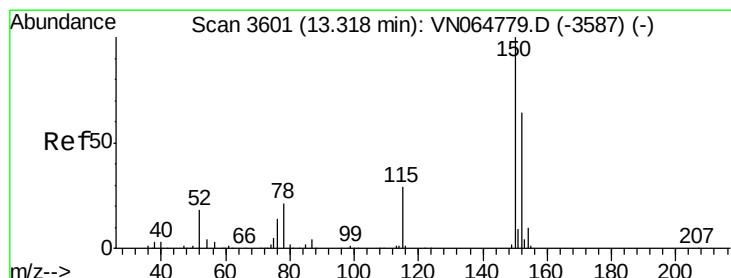
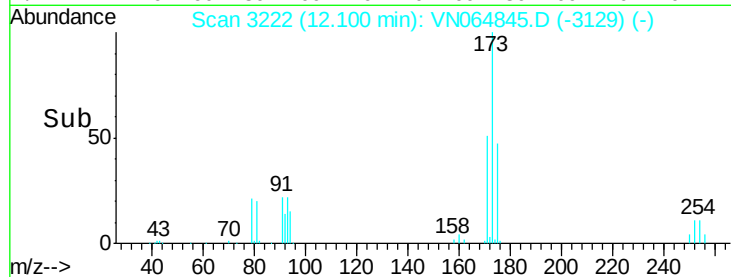
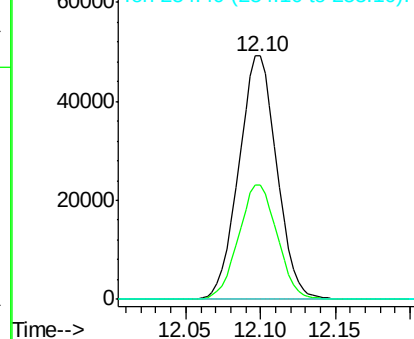
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

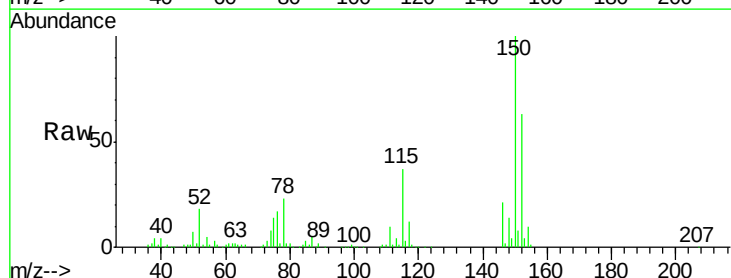
RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

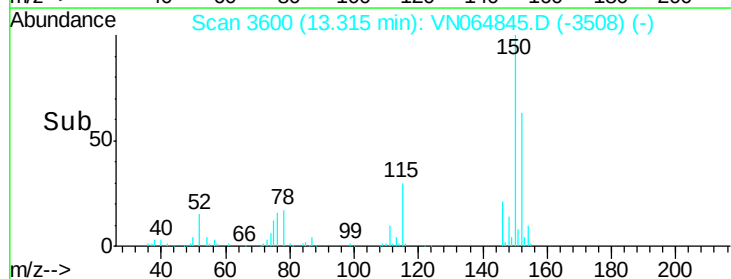
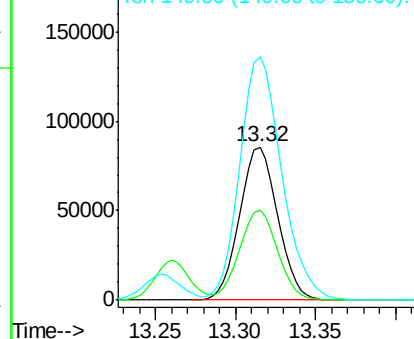
Lab File: VN064845.D

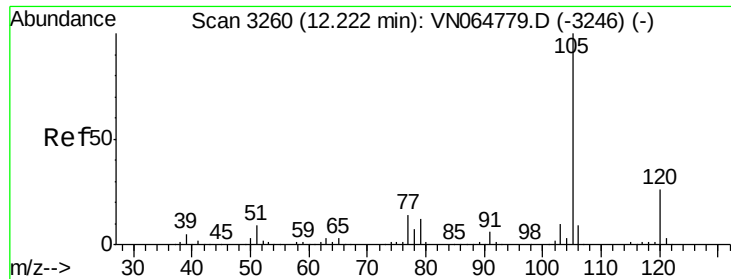
Acq: 25 Nov 2020 9:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 138901 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.8  | 29.7  | 89.1   |
| 150       | 175.3 | 0.0   | 350.6  |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.218 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 543156

Ion Ratio Lower Upper

105 100

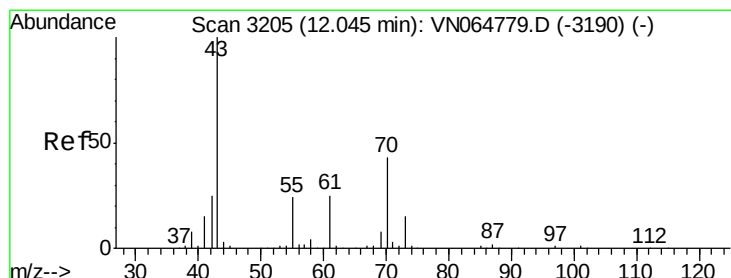
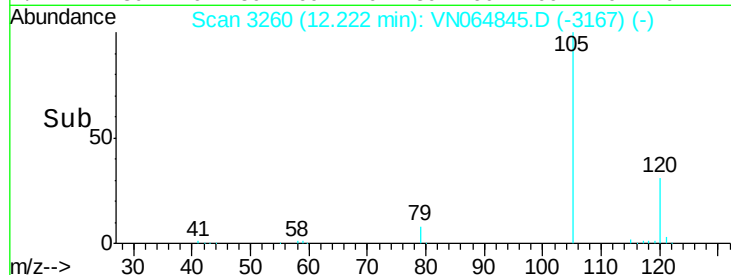
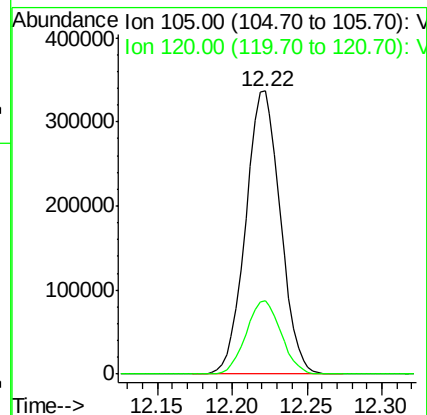
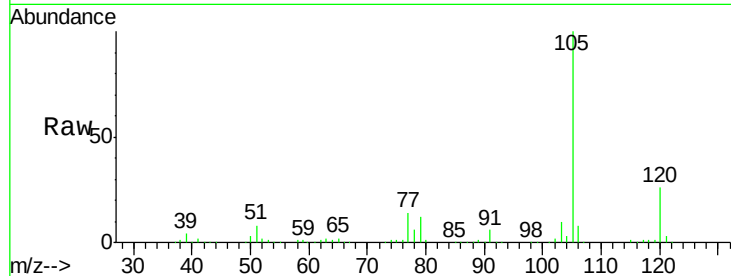
120 26.3 13.3 39.9

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#74

N-ethyl acetate

Concen: 48.723 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Tgt Ion: 43 Resp: 185253

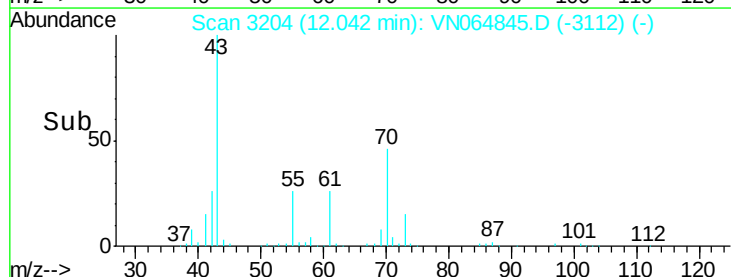
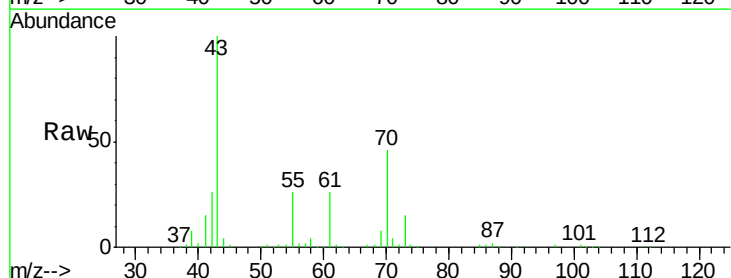
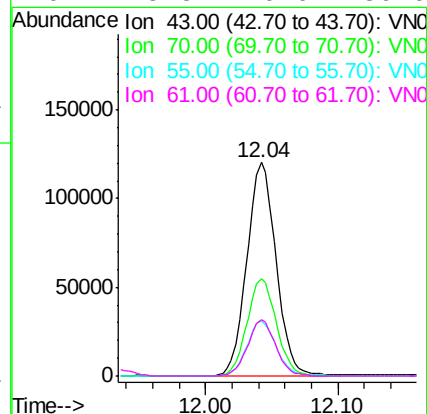
Ion Ratio Lower Upper

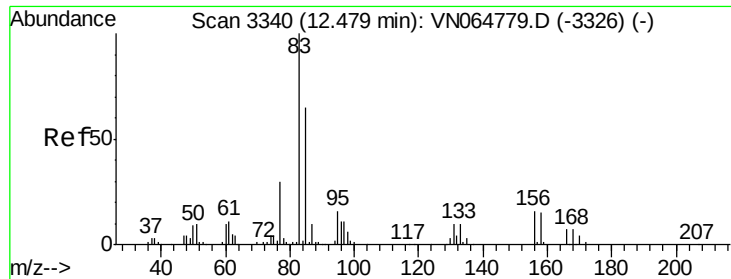
43 100

70 45.7 34.5 51.7

55 25.8 20.4 30.6

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.726 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

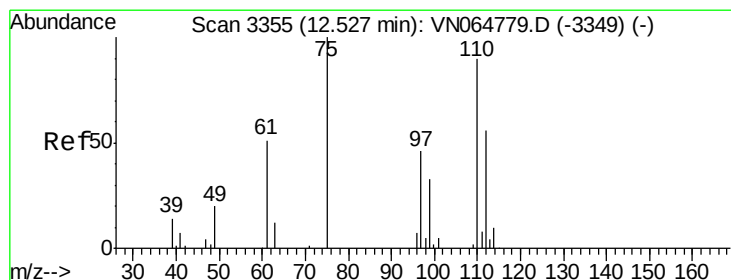
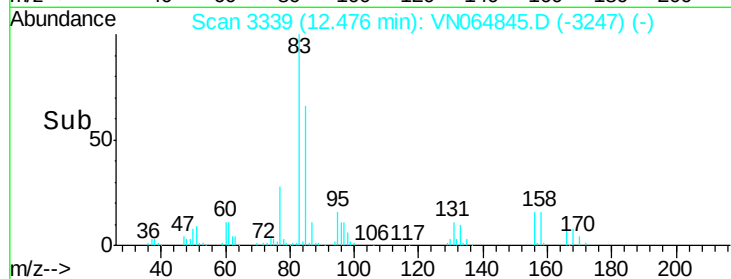
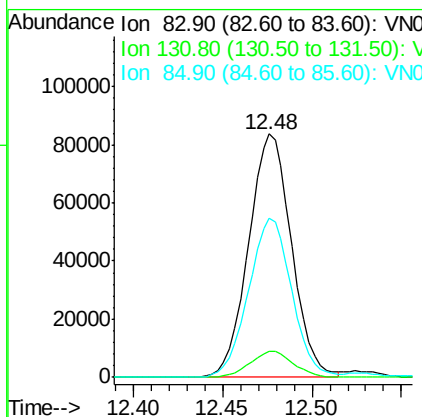
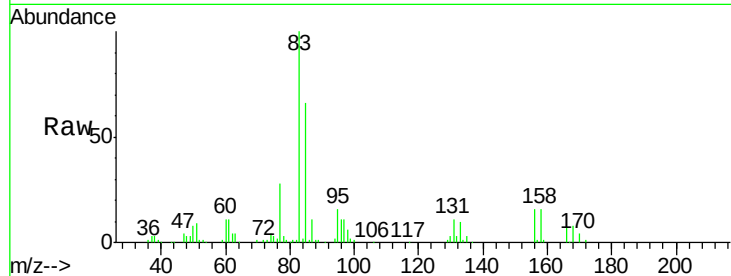
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 140816 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.7  | 5.1   | 15.3   |
| 85        | 65.6  | 33.0  | 99.0   |

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#76

1,2,3-Trichloropropane

Concen: 50.690 ug/l m

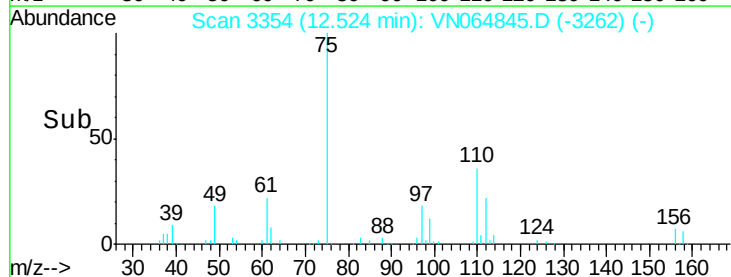
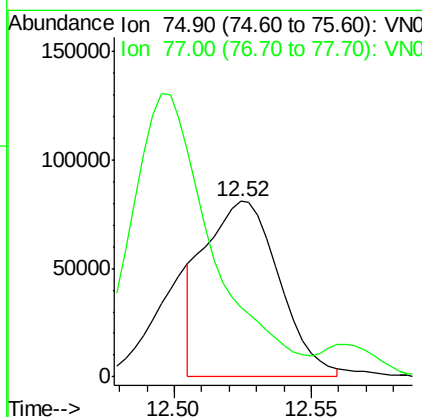
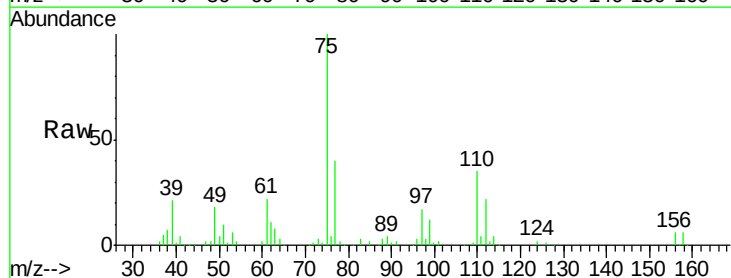
RT: 12.52 min Scan# 3354

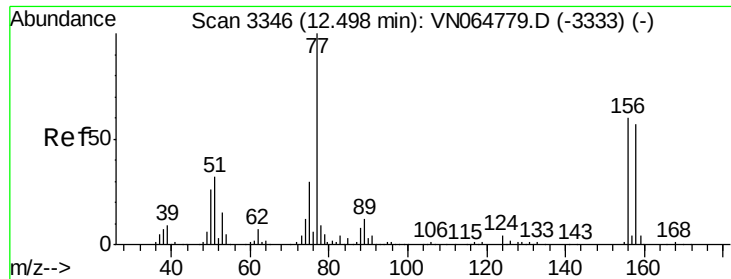
Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 151630 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 52.014 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

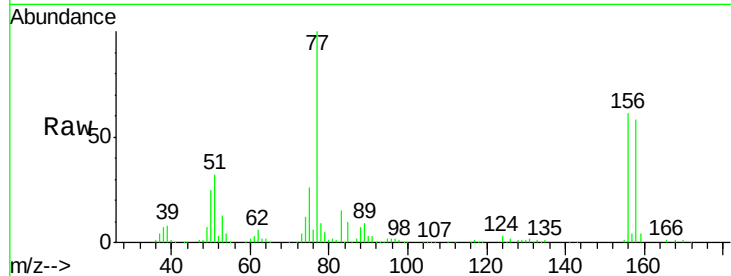
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 135482 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 198.8 | 101.3 | 303.7  |
| 158       | 95.8  | 48.2  | 144.6  |

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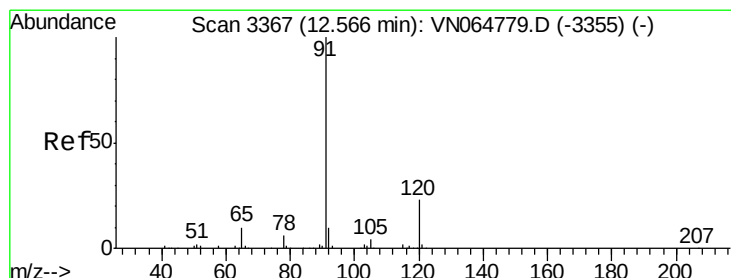
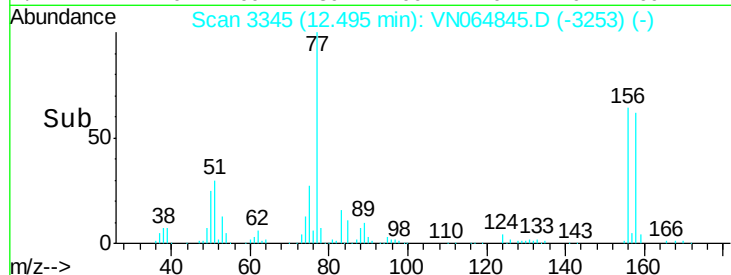
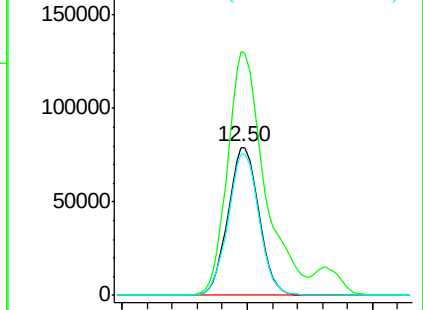
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.438 ug/l

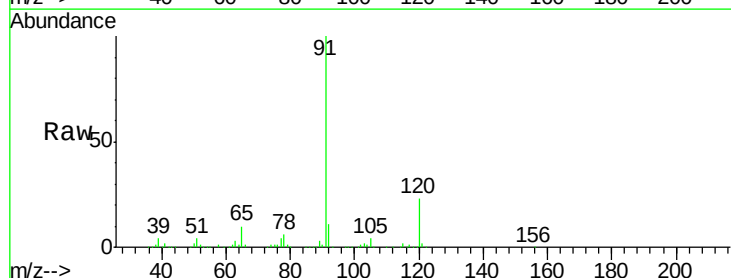
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064845.D

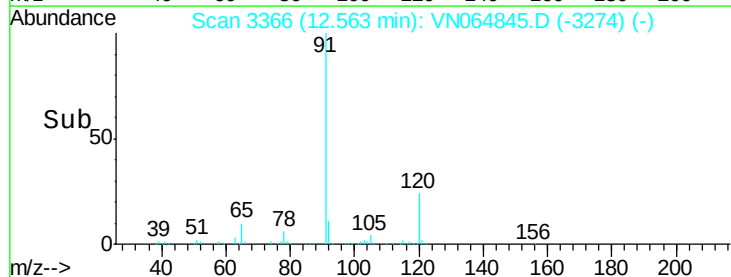
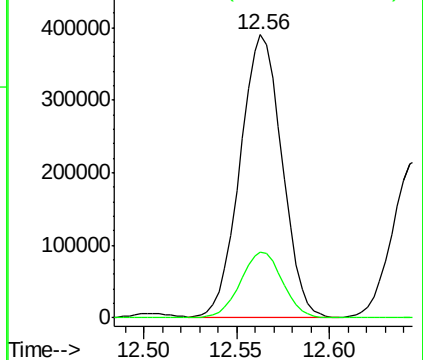
Acq: 25 Nov 2020 9:37

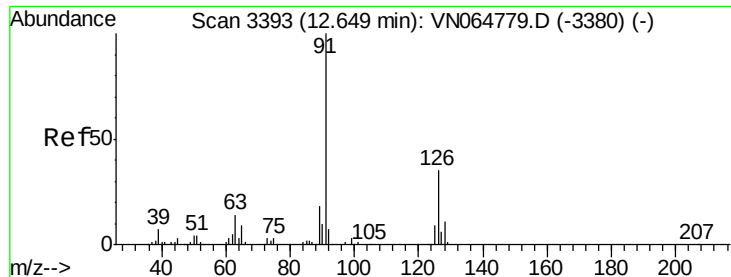
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 610169 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.5  | 11.6  | 34.7   |



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.065 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 361028

Ion Ratio Lower Upper

91 100

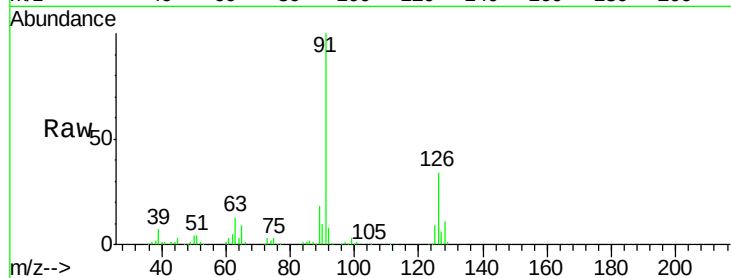
126 34.5 17.2 51.6

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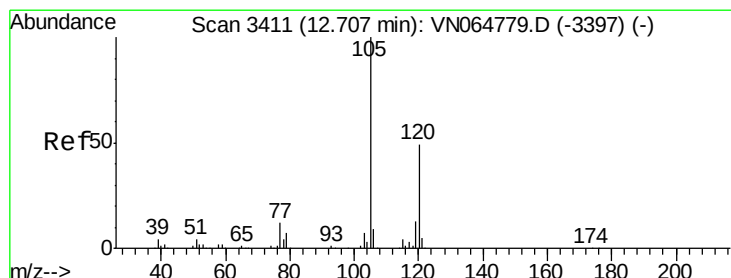
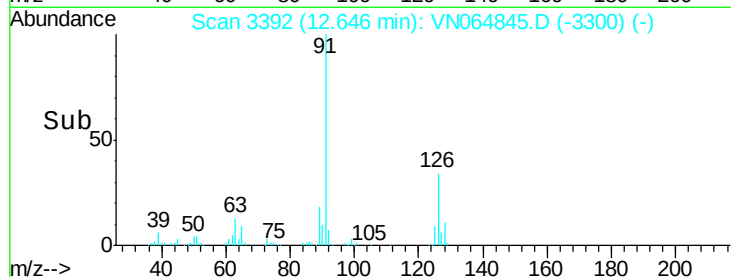
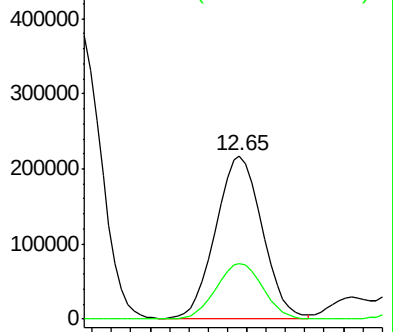
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Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.937 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064845.D

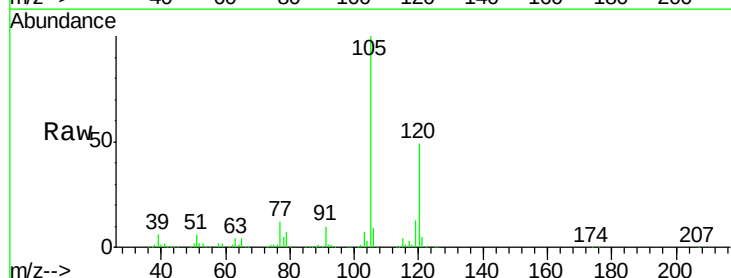
Acq: 25 Nov 2020 9:37

Tgt Ion: 105 Resp: 457242

Ion Ratio Lower Upper

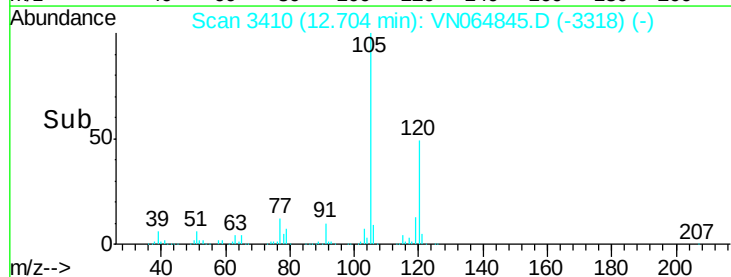
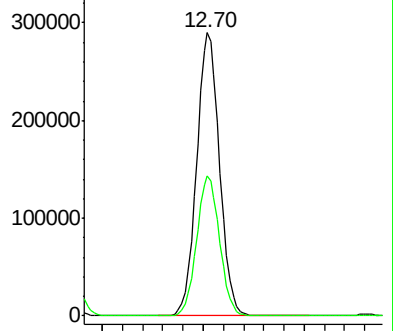
105 100

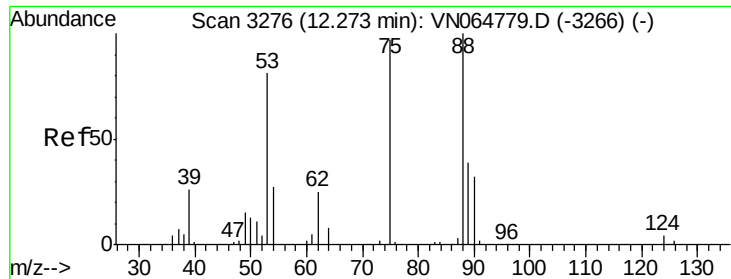
120 49.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





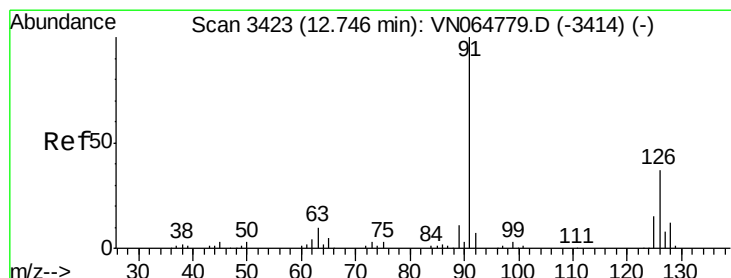
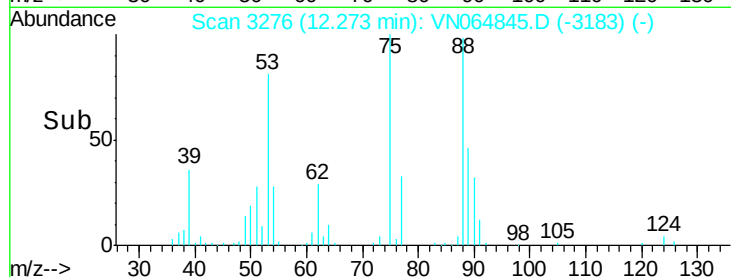
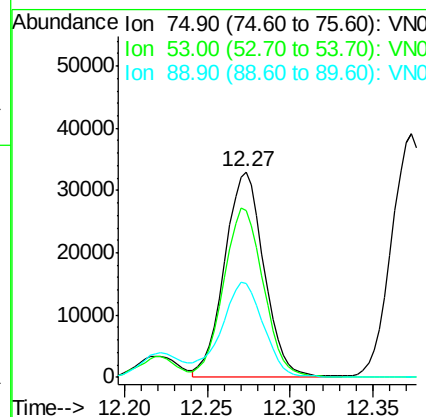
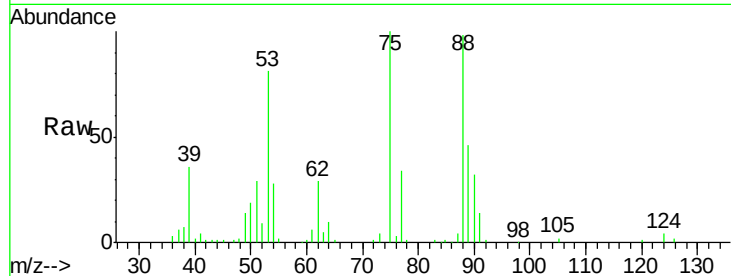
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.128 ug/l  
RT: 12.27 min Scan# 3276  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 83.5  | 67.0  | 100.4 |
| 89      | 49.0  | 39.6  | 59.4  |

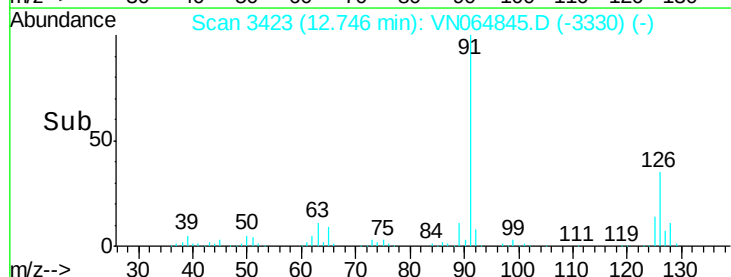
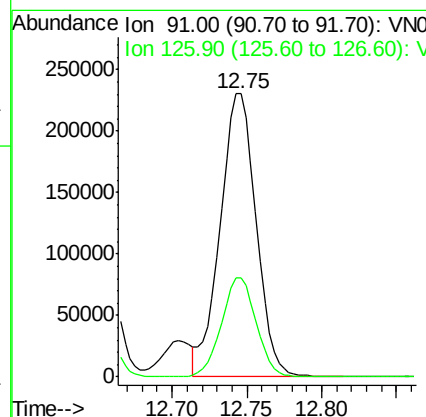
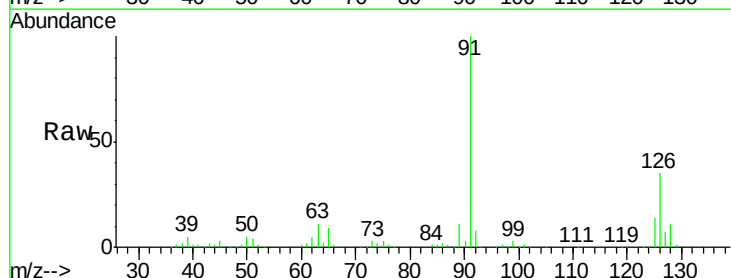
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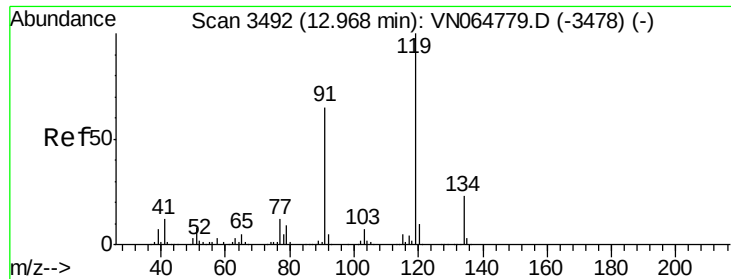
SAM  
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#82  
4-Chlorotoluene  
Concen: 53.850 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. 0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.1  | 16.9  | 50.7  |





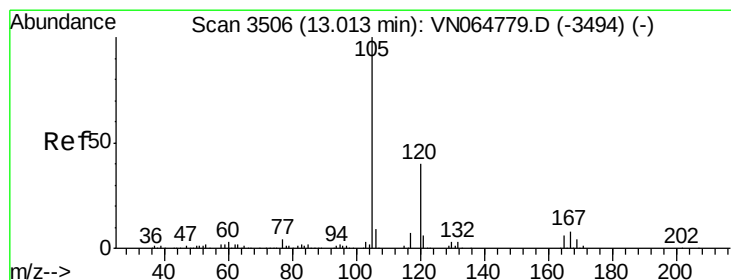
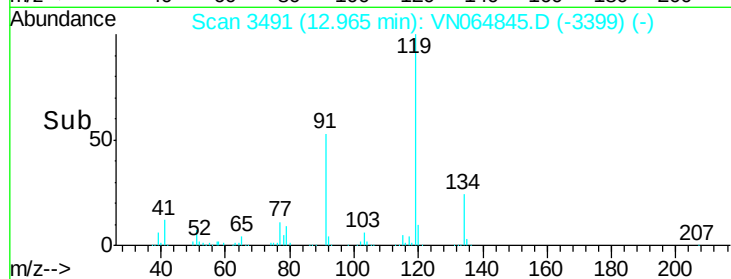
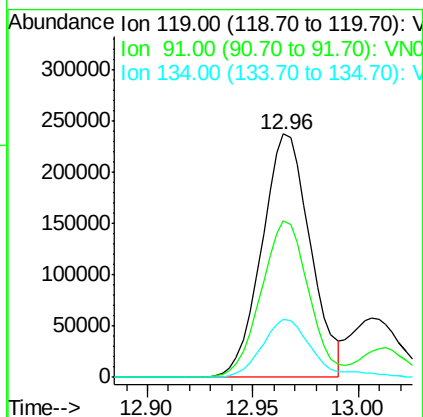
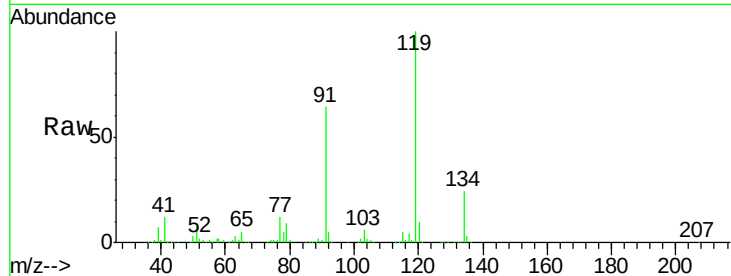
#83  
 tert-Butylbenzene  
 Concen: 56.449 ug/l  
 RT: 12.96 min Scan# 3491  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.3  | 32.3  | 96.8  |
| 134     | 24.9  | 12.6  | 37.6  |

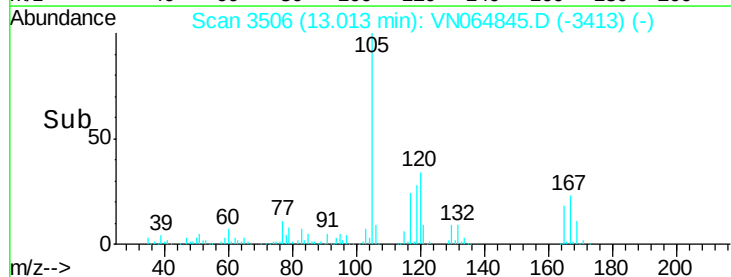
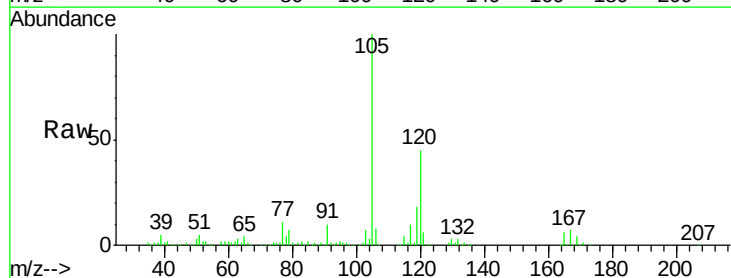
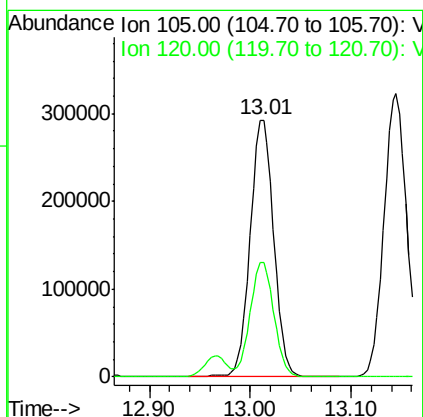
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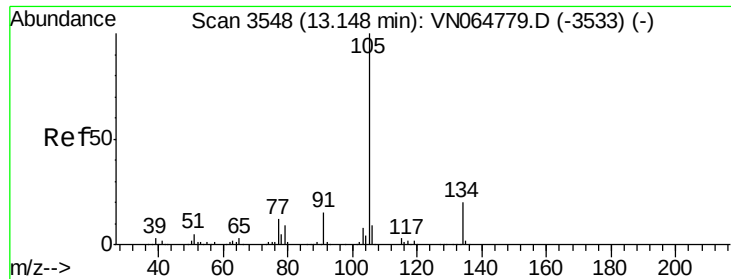
SAM  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 57.839 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.6  | 23.1  | 69.2  |





#85

sec-Butylbenzene

Concen: 57.462 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 513551

Ion Ratio Lower Upper

105 100

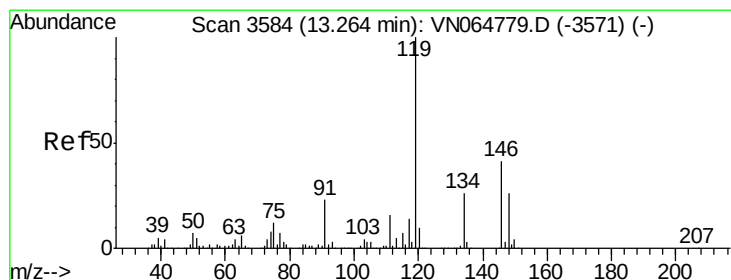
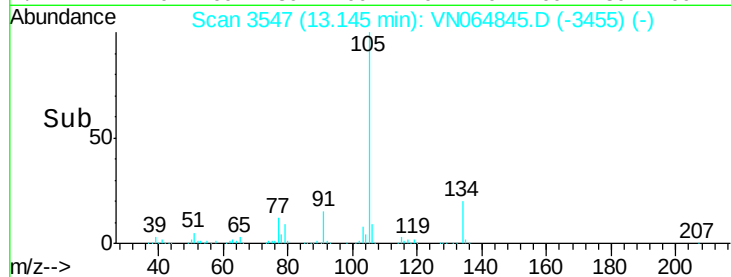
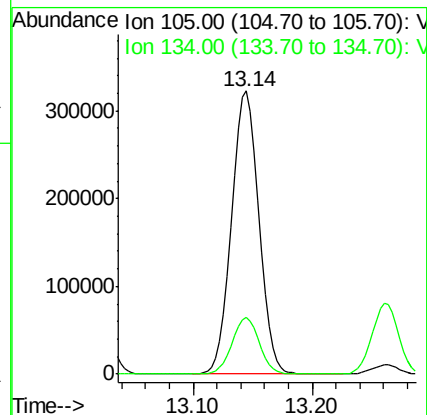
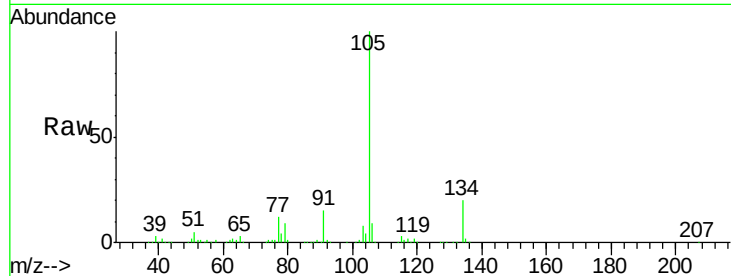
134 19.8 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 58.789 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

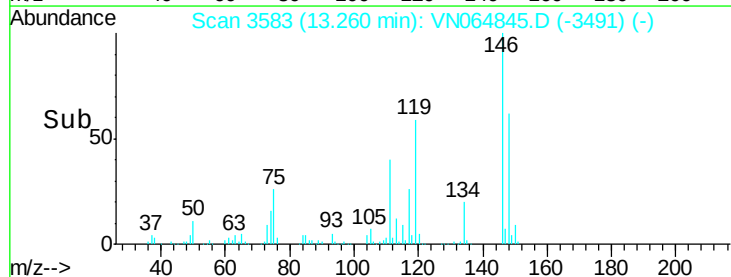
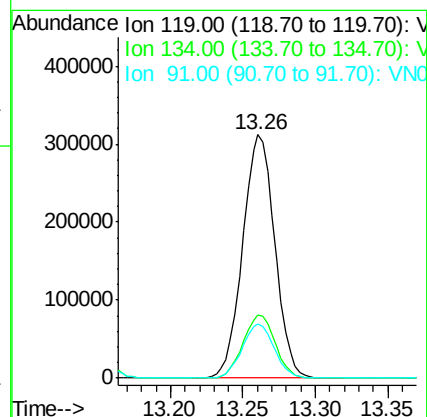
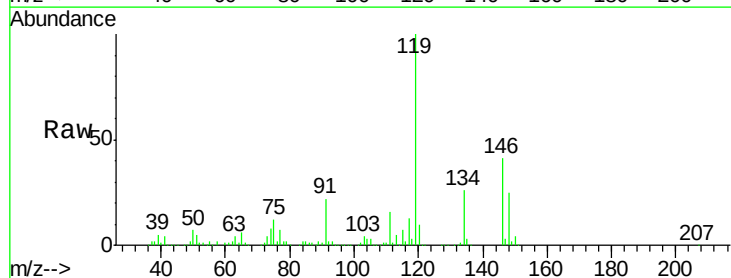
Tgt Ion:119 Resp: 478352

Ion Ratio Lower Upper

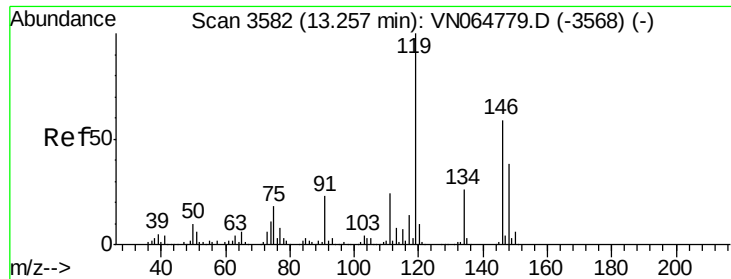
119 100

134 26.1 13.1 39.1

91 22.3 11.5 34.5







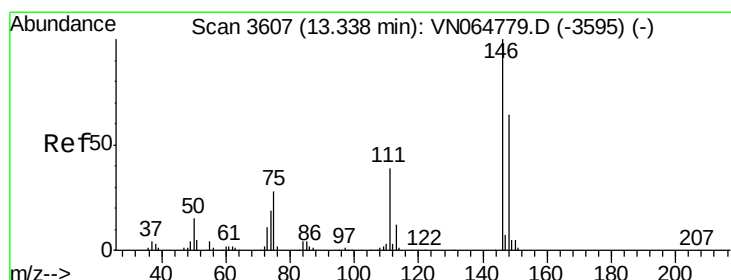
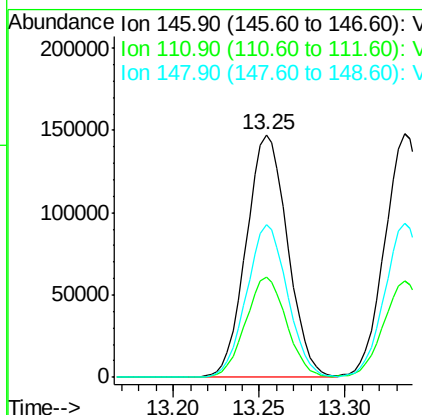
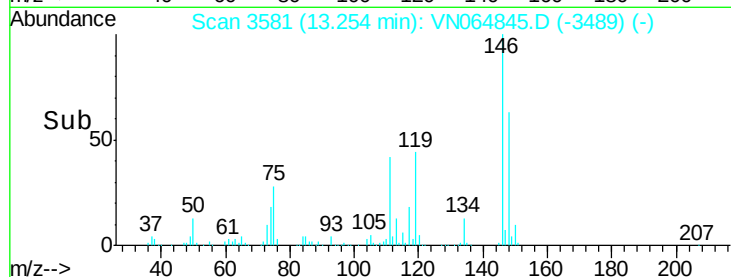
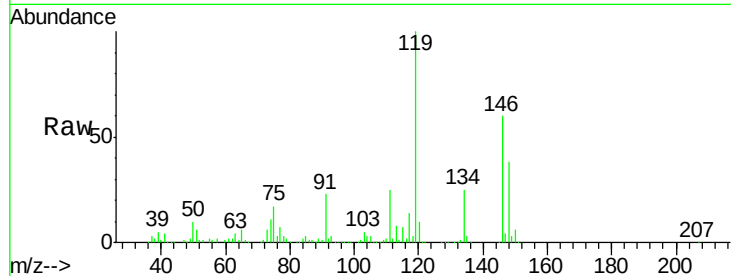
#87  
 1,3-Dichlorobenzene  
 Concen: 53.083 ug/l  
 RT: 13.25 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 245654 |       |       |
| 111     | 40.9  | 20.6   | 61.9  |       |
| 148     | 62.3  | 31.9   | 95.5  |       |

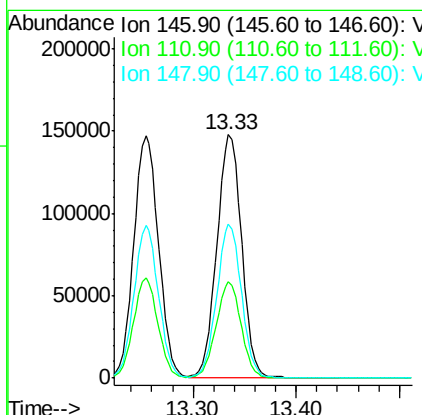
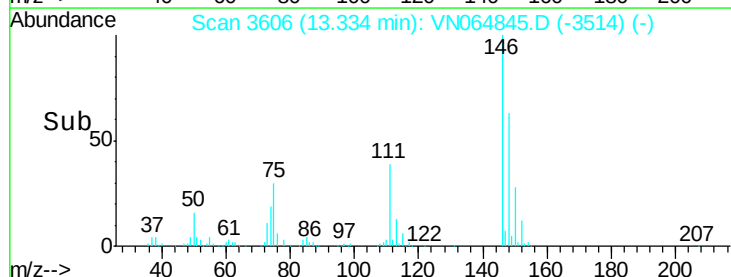
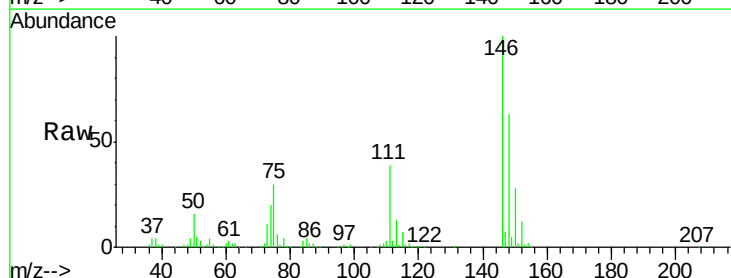
Manual Integrations  
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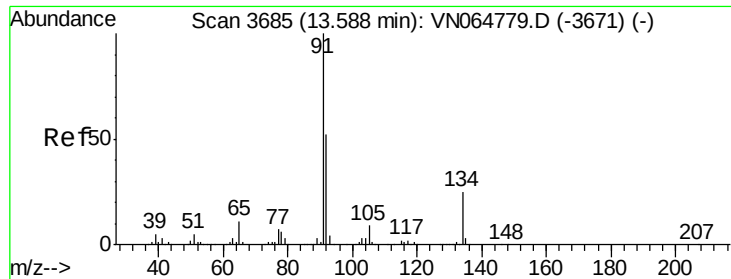
SAM  
 11/27/2020 1:37:02 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 50.760 ug/l  
 RT: 13.33 min Scan# 3606  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 248422 |       |       |
| 111     | 39.3  | 19.8   | 59.3  |       |
| 148     | 62.7  | 31.9   | 95.5  |       |





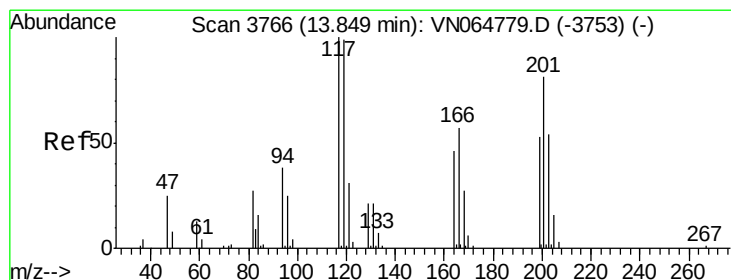
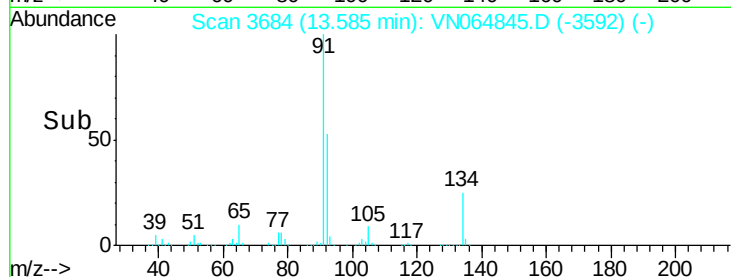
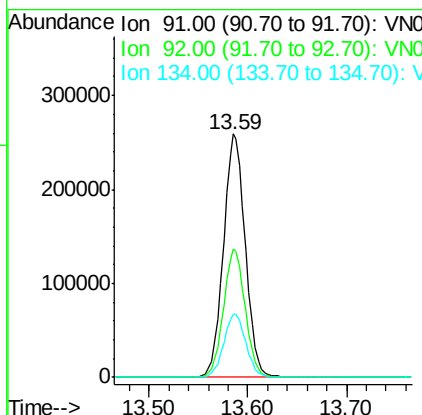
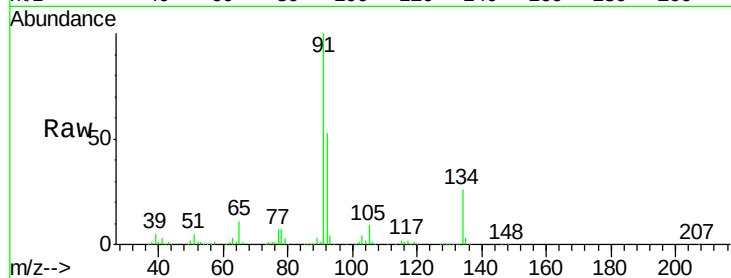
#89  
n-Butylbenzene  
Concen: 56.457 ug/l  
RT: 13.59 min Scan# 3684  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.3  | 26.0  | 78.0  |
| 134     | 26.2  | 12.9  | 38.6  |

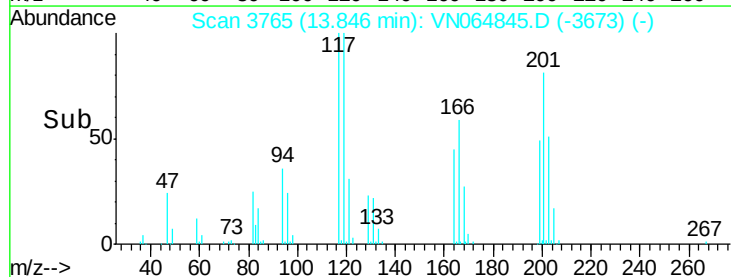
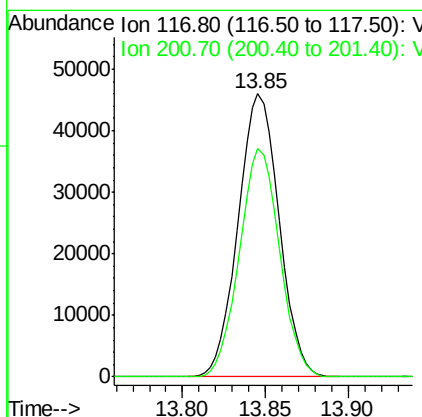
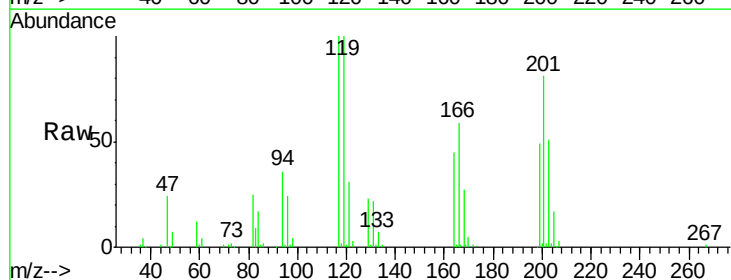
Manual Integrations  
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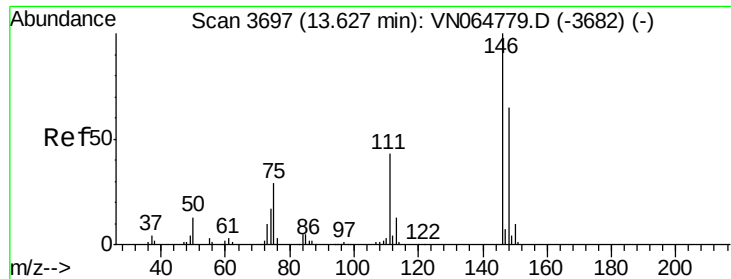
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#90  
Hexachloroethane  
Concen: 55.853 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064845.D  
Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 79.1  | 40.1  | 120.3 |





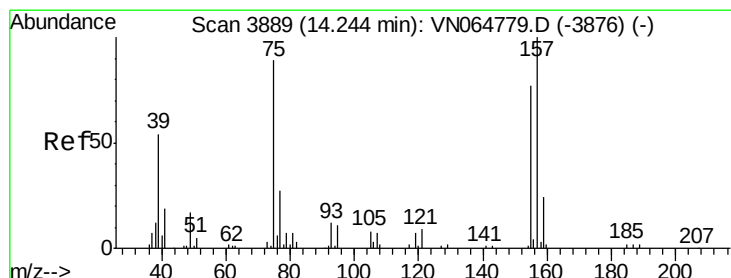
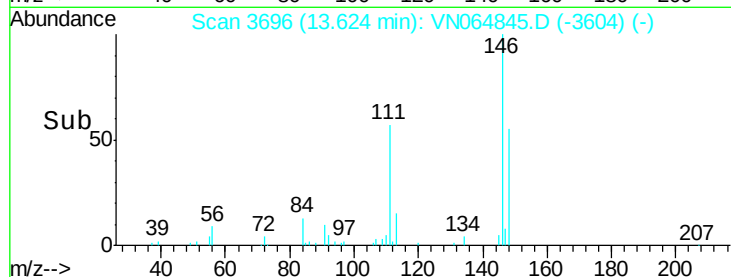
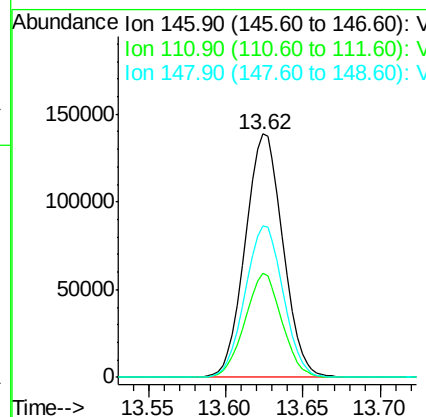
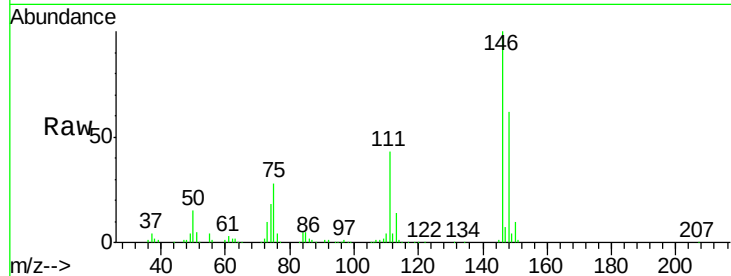
#91  
 1,2-Dichlorobenzene  
 Concen: 51.915 ug/l  
 RT: 13.62 min Scan# 3696  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 41.8  | 21.1 | 63.1  |       |
| 148     | 63.1  | 32.0 | 96.2  |       |

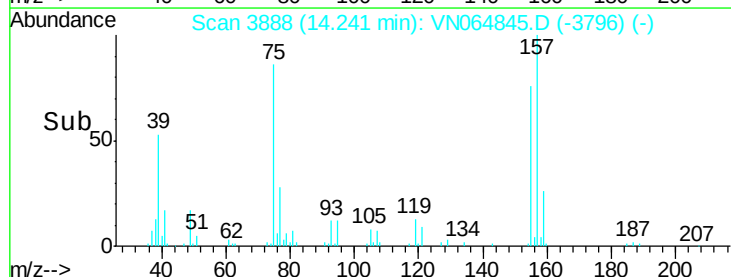
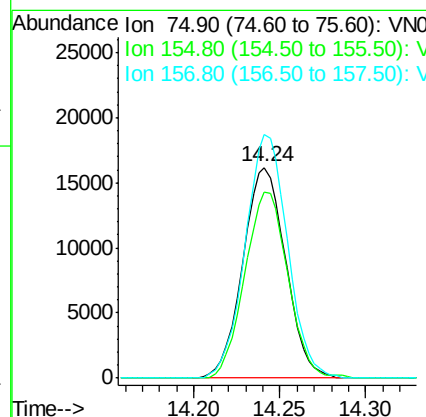
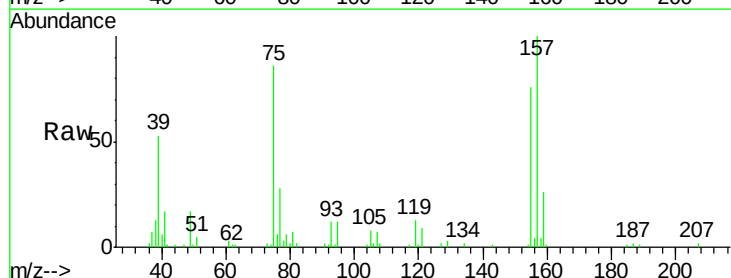
Manual Integrations  
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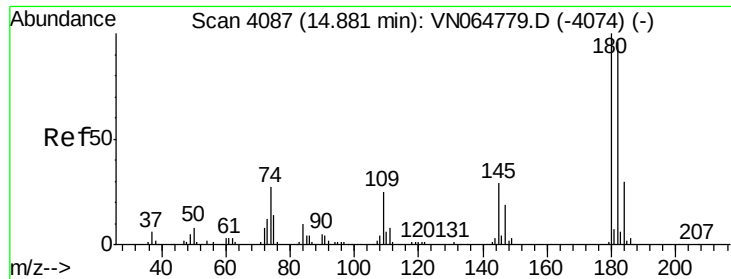
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 43.975 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 155     | 88.7  | 42.8 | 128.3 |       |
| 157     | 114.3 | 56.4 | 169.1 |       |





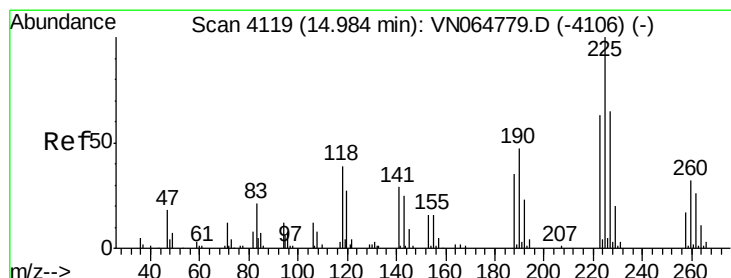
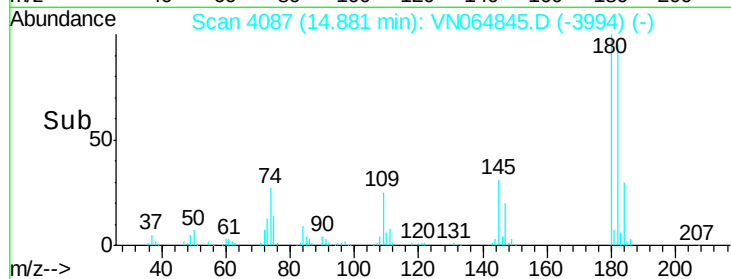
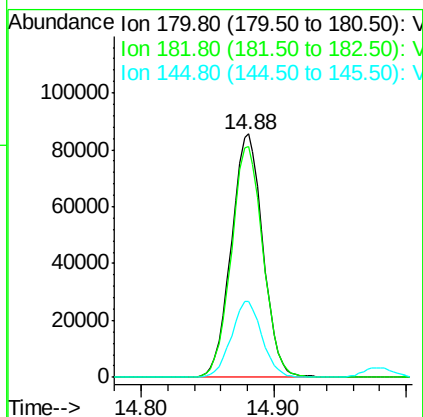
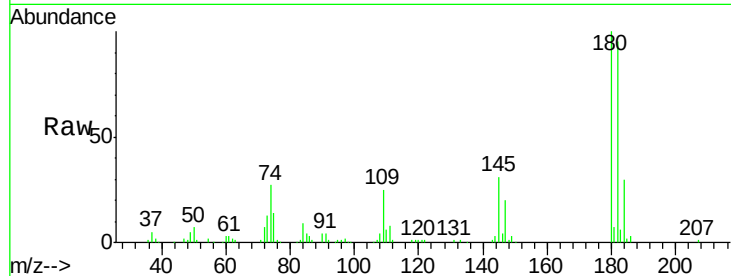
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.295 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 141377 |       |       |
| 182     | 95.3  | 47.6   | 142.9 |       |
| 145     | 30.3  | 15.3   | 45.8  |       |

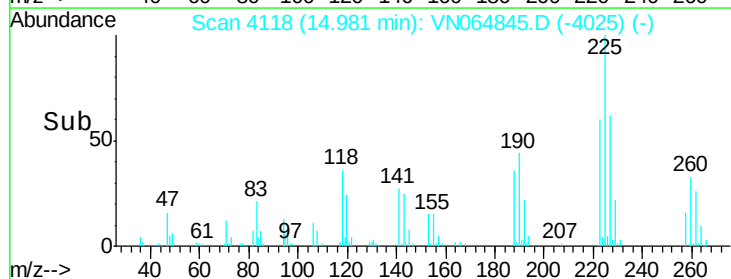
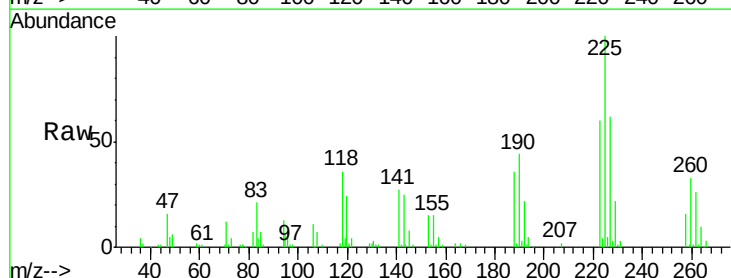
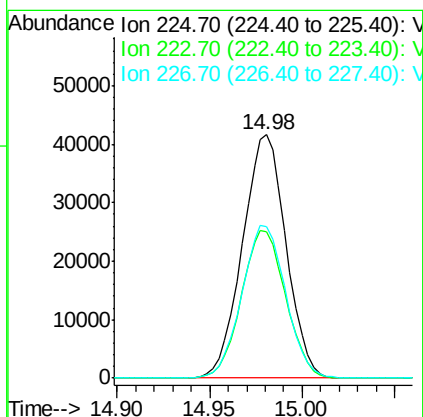
Manual Integrations  
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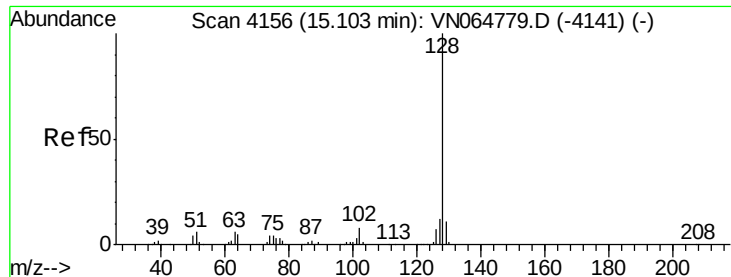
SAM  
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#94  
 Hexachlorobutadiene  
 Concen: 53.758 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064845.D  
 Acq: 25 Nov 2020 9:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 68082 |       |       |
| 223     | 61.5  | 31.0  | 93.0  |       |
| 227     | 63.3  | 32.0  | 96.0  |       |





#95

Naphthalene

Concen: 48.190 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA\_N

ClientSampleId :

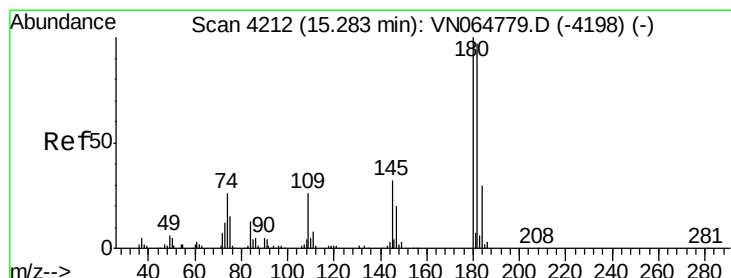
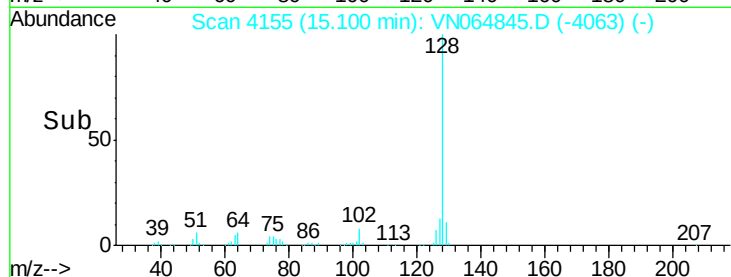
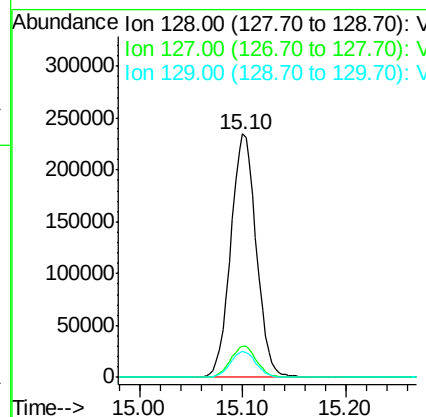
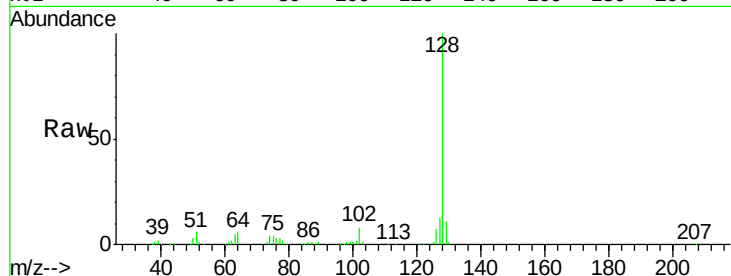
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 405815 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.3  | 15.5   |
| 129       | 10.7  | 8.7   | 13.1   |

Manual Integrations  
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11/27/2020 1:37:02 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.706 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 132755 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.8  | 48.1  | 144.4  |
| 145       | 33.9  | 16.4  | 49.1   |

