

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\  
 Data File : VN062079.D  
 Acq On : 24 Jun 2020 22:14  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/25/2020 6:10:42 PM

Quant Time: Jun 25 05:30:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene         | 7.63  | 168  | 260624   | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.55  | 114  | 459585   | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.38 | 117  | 433994   | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.32 | 152  | 210118   | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds   |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 7.99  | 65   | 175663   | 48.03   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 96.06% |          |
| 35) Dibromofluoromethane      | 7.55  | 113  | 140953   | 47.81   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 95.62% |          |
| 50) Toluene-d8                | 10.06 | 98   | 573116   | 48.63   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 97.26% |          |
| 62) 4-Bromofluorobenzene      | 12.38 | 95   | 198115   | 49.75   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 99.50% |          |
| Target Compounds              |       |      |          |         |        |          |
|                               |       |      |          |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.83  | 85   | 140523   | 47.701  | ug/l   | 100      |
| 3) Chloromethane              | 2.03  | 50   | 176591   | 50.943  | ug/l   | 100      |
| 4) Vinyl Chloride             | 2.16  | 62   | 216573   | 46.683  | ug/l   | 98       |
| 5) Bromomethane               | 2.52  | 94   | 116418   | 38.828  | ug/l   | 98       |
| 6) Chloroethane               | 2.66  | 64   | 152163   | 48.015  | ug/l   | 98       |
| 7) Trichlorofluoromethane     | 2.98  | 101  | 268595   | 46.986  | ug/l   | 100      |
| 8) Diethyl Ether              | 3.37  | 74   | 97894    | 49.043  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72  | 101  | 139612   | 46.638  | ug/l   | 99       |
| 10) Methyl Iodide             | 3.91  | 142  | 130445   | 38.692  | ug/l   | 99       |
| 11) Tert butyl alcohol        | 4.73  | 59   | 129609   | 246.815 | ug/l # | 87       |
| 12) 1,1-Dichloroethene        | 3.69  | 96   | 144960   | 48.440  | ug/l   | 100      |
| 13) Acrolein                  | 3.56  | 56   | 111555   | 216.978 | ug/l   | 100      |
| 14) Allyl chloride            | 4.27  | 41   | 199823   | 49.044  | ug/l   | 99       |
| 15) Acrylonitrile             | 4.93  | 53   | 356192   | 248.913 | ug/l   | 100      |
| 16) Acetone                   | 3.77  | 43   | 278814   | 242.749 | ug/l   | 99       |
| 17) Carbon Disulfide          | 4.00  | 76   | 426492   | 49.756  | ug/l   | 100      |
| 18) Methyl Acetate            | 4.28  | 43   | 136566   | 46.971  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether   | 4.99  | 73   | 478129   | 50.000  | ug/l   | 99       |
| 20) Methylene Chloride        | 4.50  | 84   | 172091   | 51.261  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene  | 4.99  | 96   | 161077   | 47.248  | ug/l   | 97       |
| 22) Diisopropyl ether         | 5.90  | 45   | 451218   | 48.639  | ug/l   | 99       |
| 23) Vinyl Acetate             | 5.84  | 43   | 1916598  | 253.046 | ug/l   | 99       |
| 24) 1,1-Dichloroethane        | 5.80  | 63   | 283633   | 47.479  | ug/l   | 100      |
| 25) 2-Butanone                | 6.79  | 43   | 439271   | 245.718 | ug/l   | 99       |
| 26) 2,2-Dichloropropane       | 6.77  | 77   | 213782   | 42.945  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene    | 6.78  | 96   | 184551   | 48.108  | ug/l   | 97       |
| 28) Bromochloromethane        | 7.15  | 49   | 114967   | 44.356  | ug/l   | 100      |
| 29) Tetrahydrofuran           | 7.17  | 42   | 294514   | 251.500 | ug/l   | 99       |
| 30) Chloroform                | 7.33  | 83   | 291315   | 47.930  | ug/l   | 99       |
| 31) Cyclohexane               | 7.61  | 56   | 244026   | 48.293  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane     | 7.53  | 97   | 247595   | 48.305  | ug/l   | 99       |
| 36) 1,1-Dichloropropene       | 7.75  | 75   | 218904   | 47.387  | ug/l   | 99       |
| 37) Ethyl Acetate             | 6.88  | 43   | 188829   | 49.364  | ug/l   | 99       |
| 38) Carbon Tetrachloride      | 7.73  | 117  | 212203   | 48.724  | ug/l   | 98       |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/25/2020 6:10:42 PM

Quant Time: Jun 25 05:30:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 248958   | 49.186   | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 676190   | 48.025   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.13  | 41   | 81088m   | 45.725   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 228060   | 47.941   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 315098   | 50.531   | ug/l   | 100      |
| 44) Trichloroethene            | 8.80  | 130  | 167168   | 47.066   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 171719   | 49.435   | ug/l   | 100      |
| 46) Dibromomethane             | 9.17  | 93   | 114435   | 48.590   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 235006   | 49.419   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.17  | 41   | 142212   | 50.864   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 64568    | 1041.369 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 948052   | 260.221  | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 434219   | 50.543   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 256898   | 49.104   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 280456   | 50.351   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 167157   | 49.498   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 240765   | 53.423   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 290777   | 50.024   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 428879   | 225.221  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 700407   | 266.234  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 181309   | 50.711   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 171865   | 49.529   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 139662   | 47.110   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 459222   | 48.184   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 159718   | 48.464   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 819243   | 50.897   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.60 | 106  | 635773   | 102.122  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 305720   | 52.046   | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 520900   | 53.173   | ug/l   | 100      |
| 71) Bromoform                  | 12.10 | 173  | 121223   | 51.735   | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.22 | 105  | 800152   | 49.195   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.05 | 43   | 286242   | 47.955   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 254415   | 47.005   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 213982m  | 43.261   | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 188082   | 46.578   | ug/l   | 97       |
| 78) n-propylbenzene            | 12.57 | 91   | 928356   | 49.899   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 546639   | 48.602   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 664106   | 50.368   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 80118    | 47.302   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 563236   | 48.426   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 558657   | 49.509   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 675195   | 51.273   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 750190   | 50.314   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 662781   | 50.737   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 340684   | 48.046   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 341649   | 46.742   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.59 | 91   | 557038   | 51.290   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 121321   | 47.336   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 331509   | 48.213   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 43132    | 49.745   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

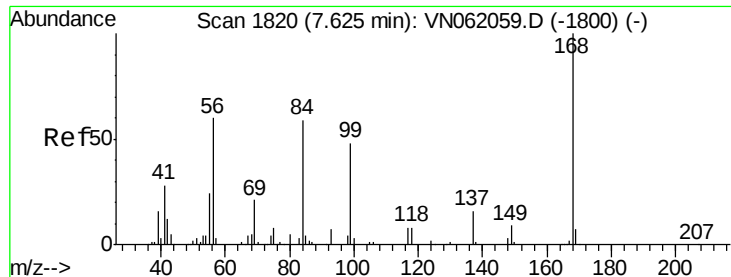
MMDadoda  
6/25/2020 6:10:42 PM

Quant Time: Jun 25 05:30:21 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 24 15:33:00 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.89 | 180  | 153289   | 51.032 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 61668    | 47.268 | ug/l  | 100      |
| 95) Naphthalene            | 15.10 | 128  | 454775   | 45.775 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 152731   | 49.727 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 260624

Ion Ratio Lower Upper

168 100

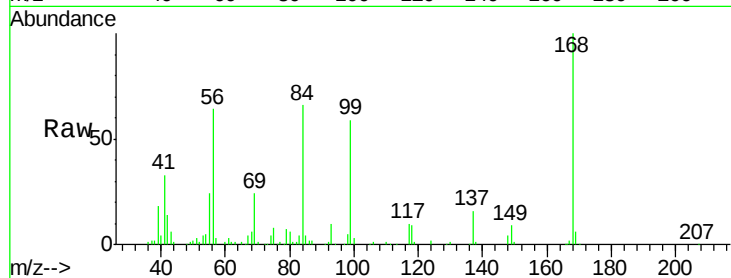
99 58.3 45.8 68.8

Manual Integrations

APPROVED

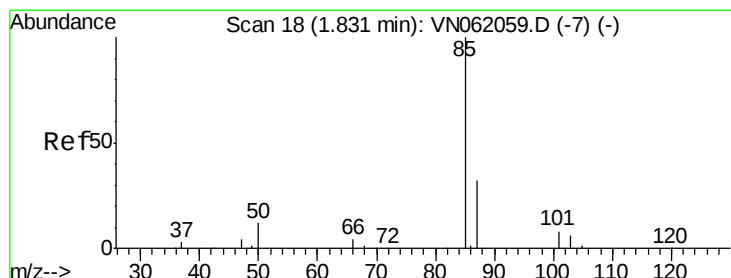
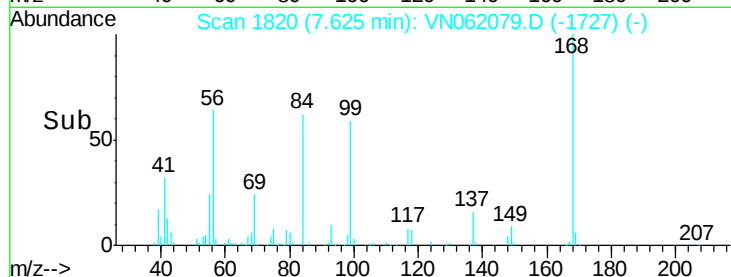
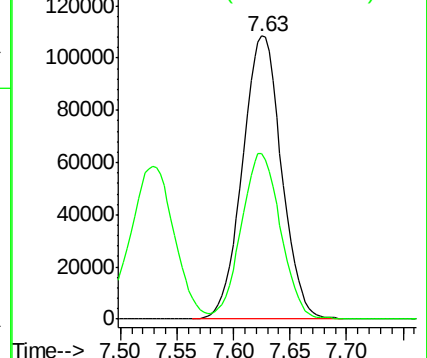
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6/25/2020 6:10:42 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 47.701 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062079.D

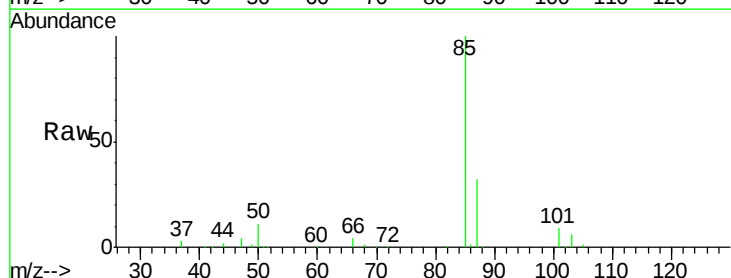
Acq: 24 Jun 2020 22:14

Tgt Ion: 85 Resp: 140523

Ion Ratio Lower Upper

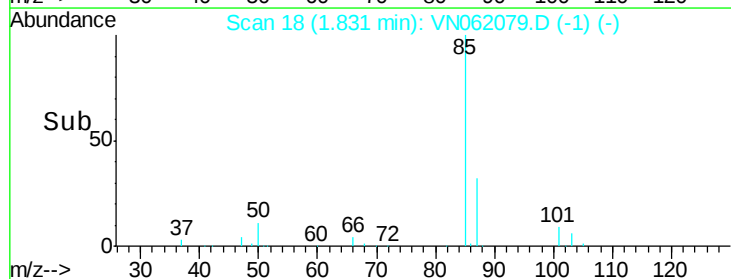
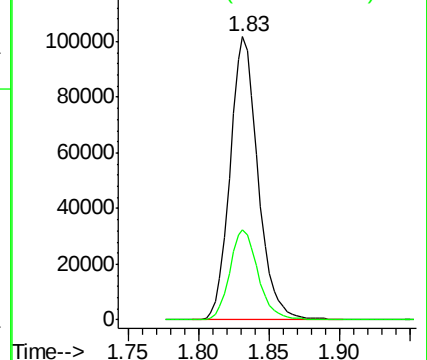
85 100

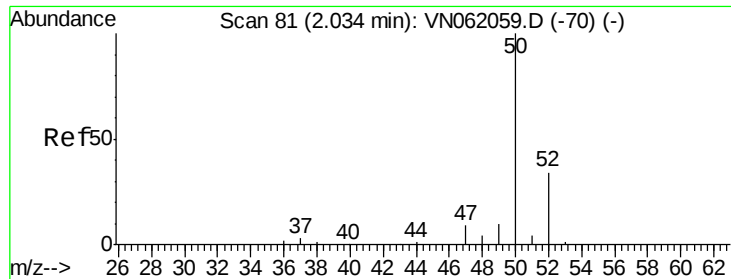
87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 50.943 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 176591

Ion Ratio Lower Upper

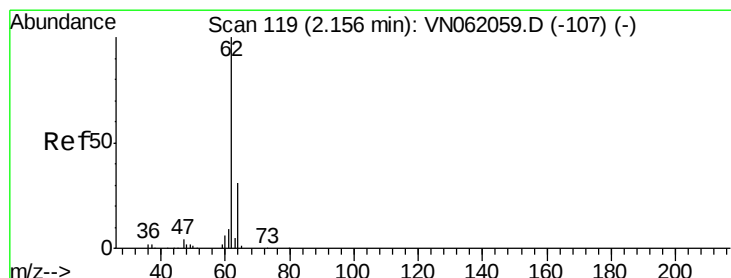
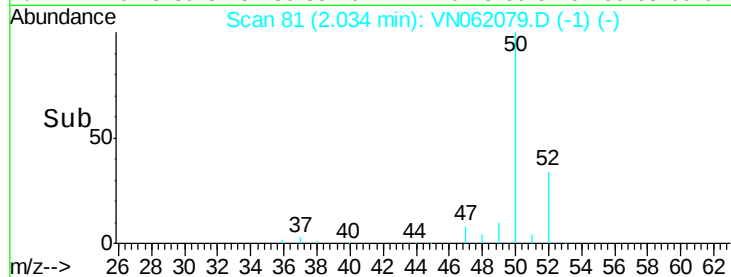
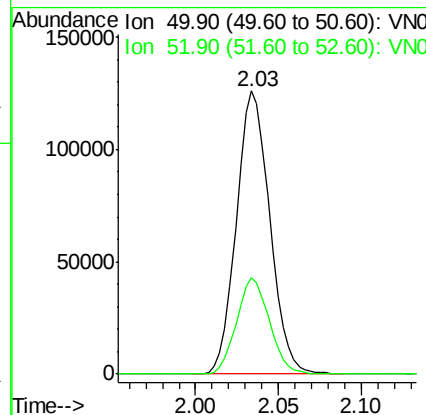
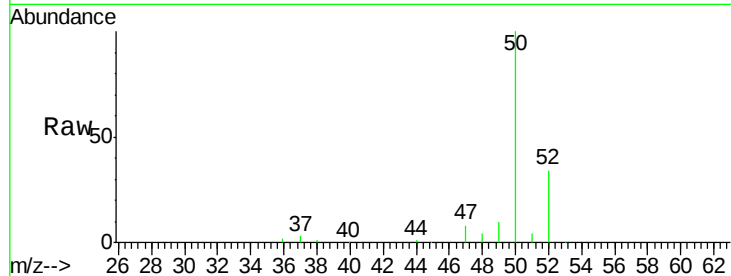
50 100

52 33.9 27.0 40.6

Manual Integrations  
APPROVED

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6/25/2020 6:10:42 PM



#4

Vinyl Chloride

Concen: 46.683 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062079.D

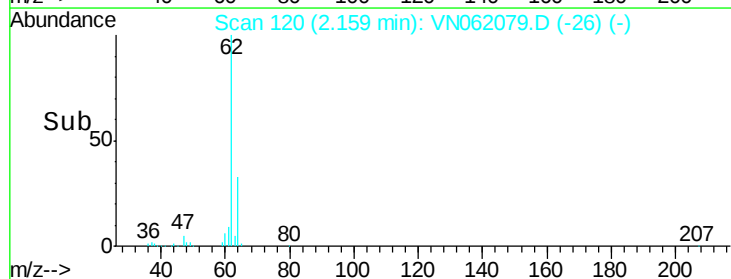
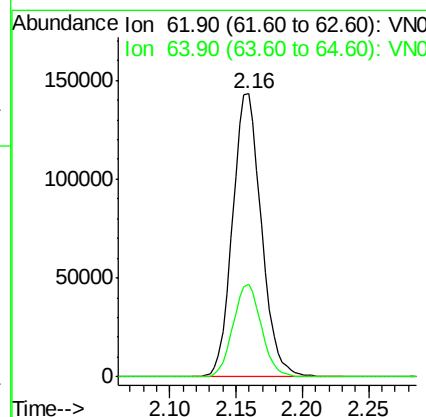
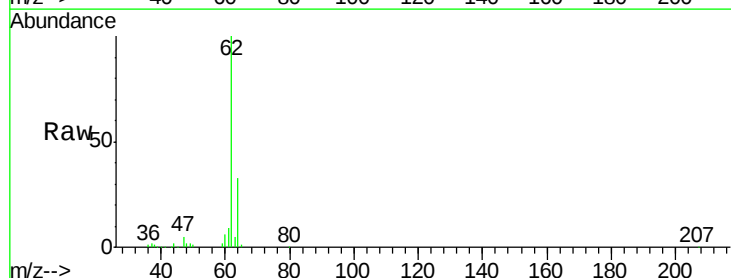
Acq: 24 Jun 2020 22:14

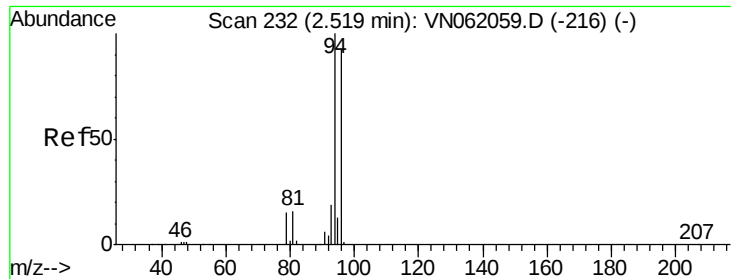
Tgt Ion: 62 Resp: 216573

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 38.828 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 116418

Ion Ratio Lower Upper

94 100

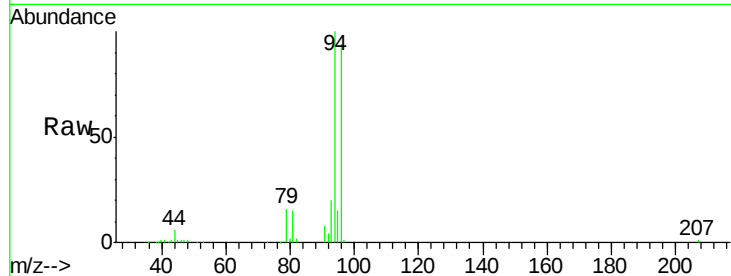
96 93.9 73.4 110.2

Manual Integrations

APPROVED

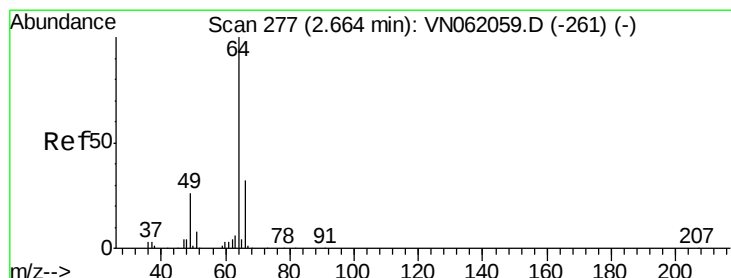
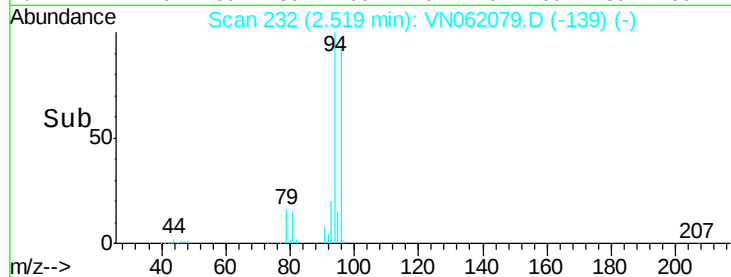
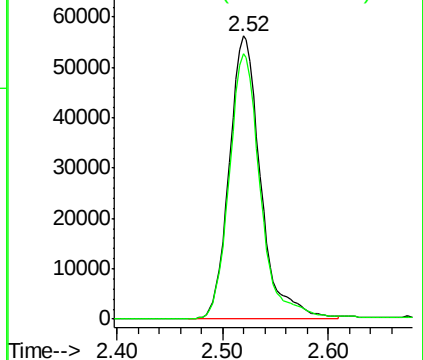
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Abundance Ion 93.90 (93.60 to 94.60): VN062059.D

Ion 95.90 (95.60 to 96.60): VN062059.D



#6

Chloroethane

Concen: 48.015 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062079.D

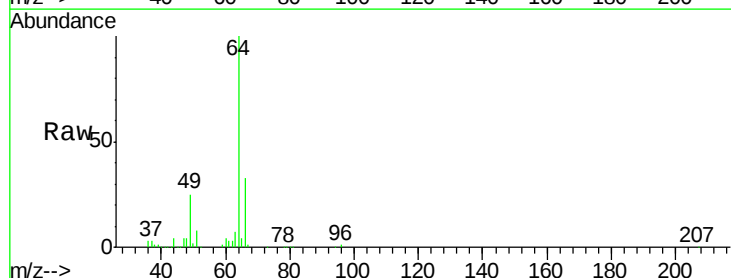
Acq: 24 Jun 2020 22:14

Tgt Ion: 64 Resp: 152163

Ion Ratio Lower Upper

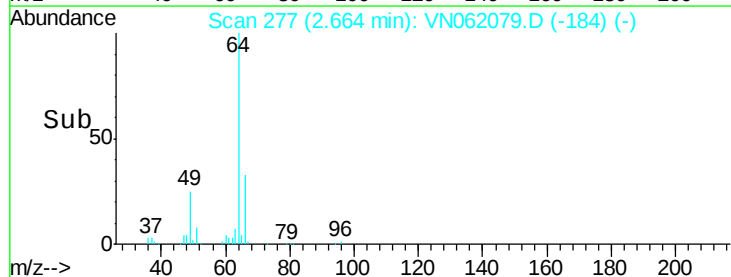
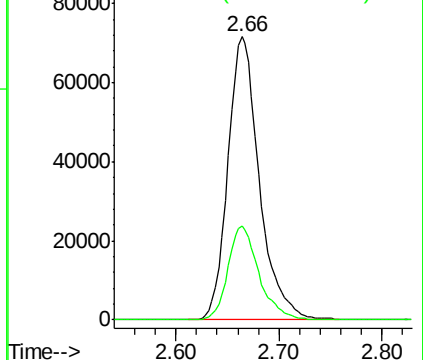
64 100

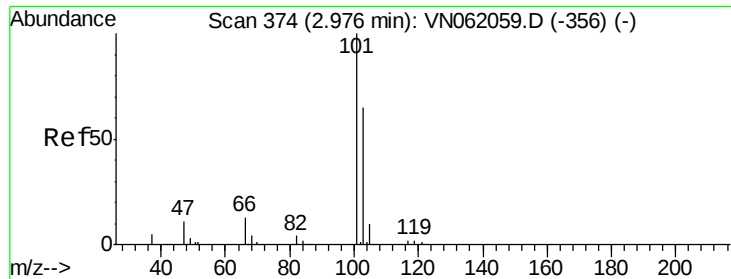
66 33.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D

Ion 65.90 (65.60 to 66.60): VN062059.D





#7

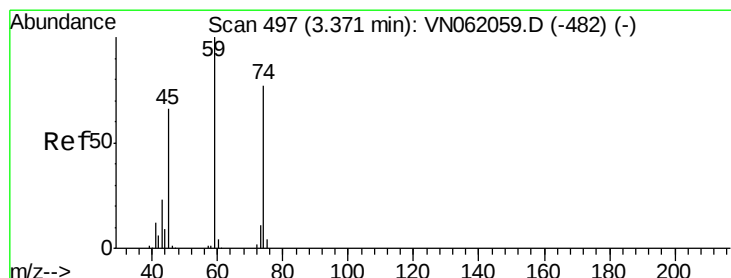
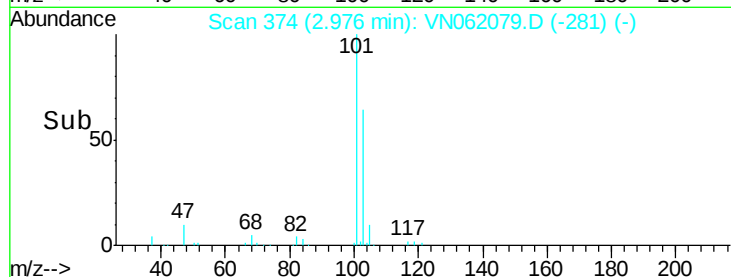
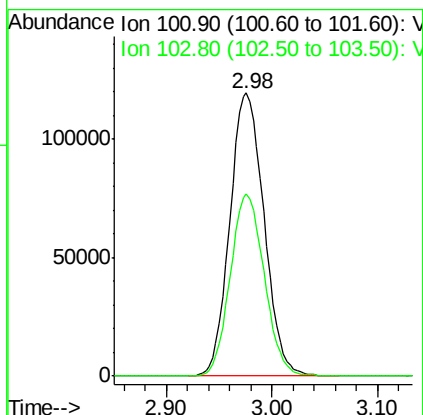
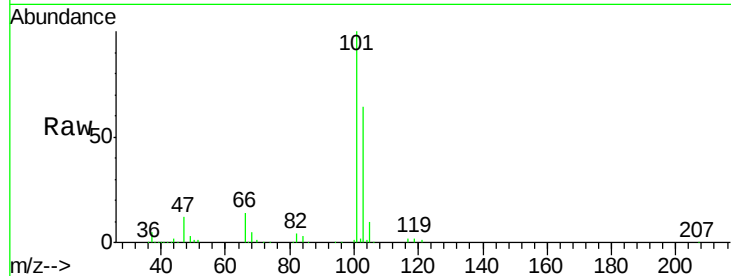
Trichlorofluoromethane  
Concen: 46.986 ug/l  
RT: 2.98 min Scan# 374  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 268595 |       |       |
| 103     | 64.3  | 51.8   | 77.6  |       |

Manual Integrations  
APPROVED

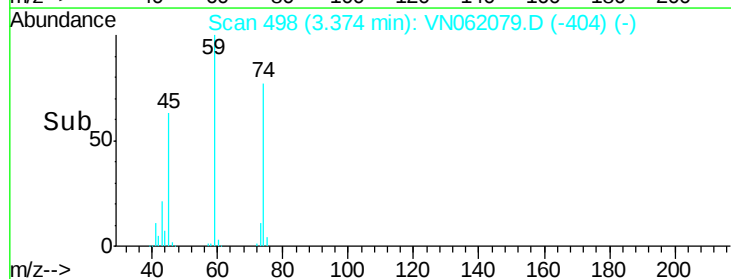
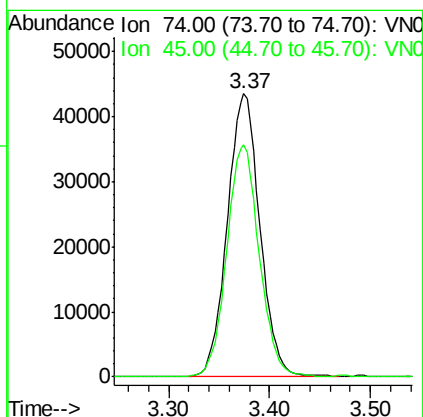
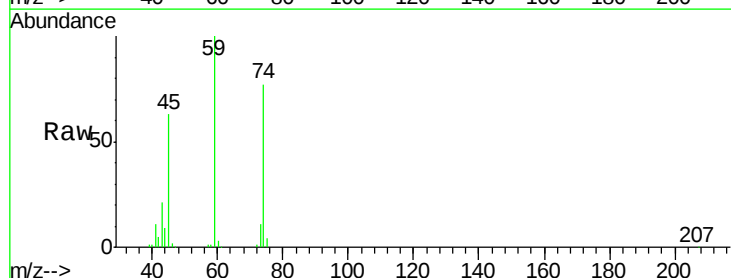
MMDadoda  
6/25/2020 6:10:42 PM

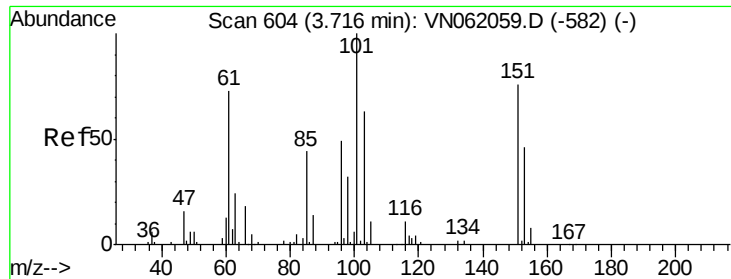


#8

Diethyl Ether  
Concen: 49.043 ug/l  
RT: 3.37 min Scan# 498  
Delta R.T. 0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 97894 |       |       |
| 45      | 81.9  | 42.5  | 127.5 |       |





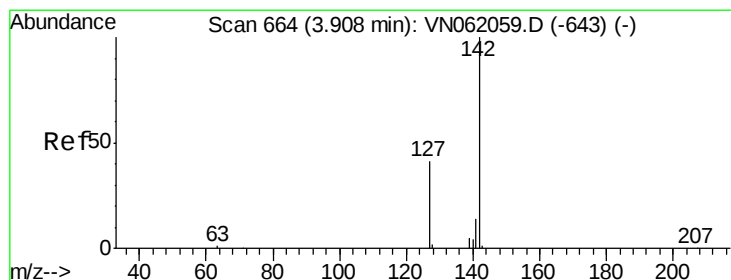
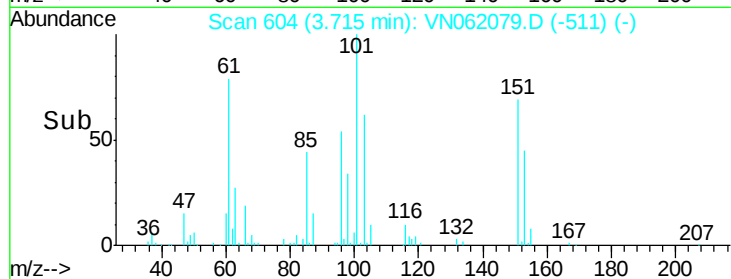
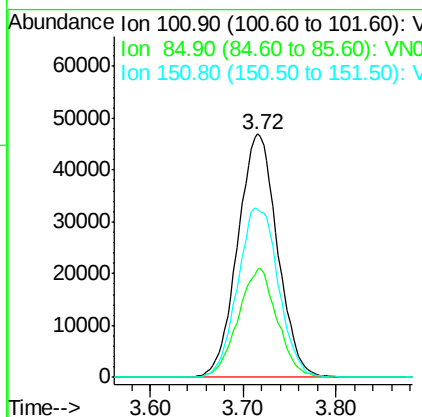
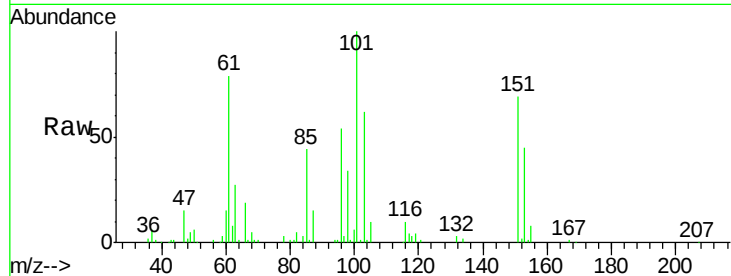
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 46.638 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 44.0  | 34.5  | 51.7  |
| 151     | 71.4  | 57.8  | 86.8  |

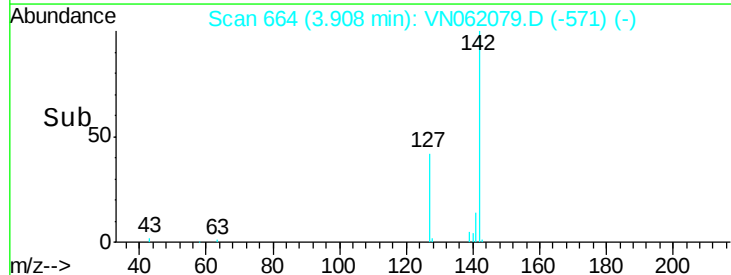
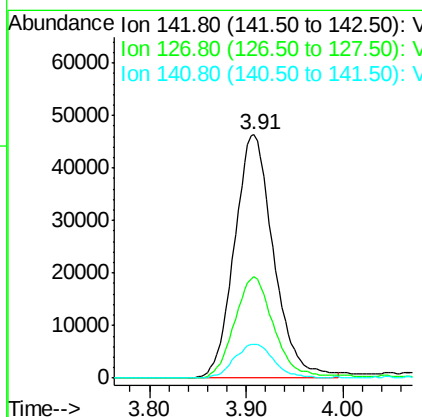
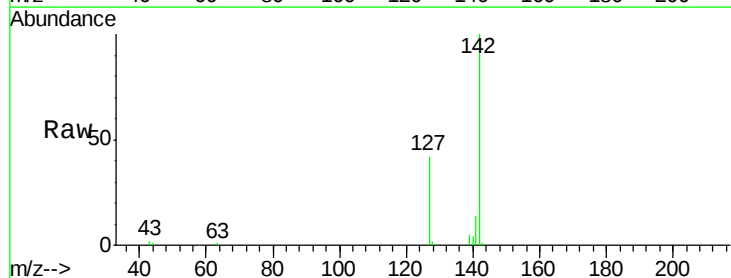
Manual Integrations  
 APPROVED

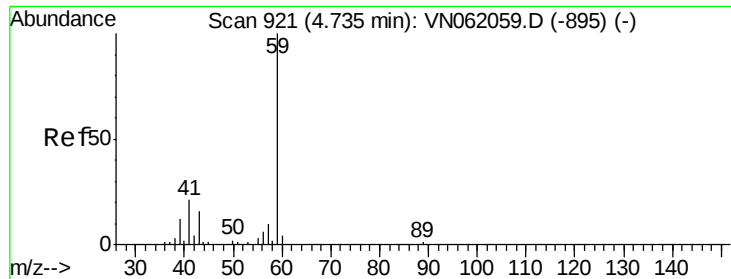
MMDadoda  
 6/25/2020 6:10:42 PM



#10  
 Methyl Iodide  
 Concen: 38.692 ug/l  
 RT: 3.91 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 41.3  | 33.6  | 50.4  |
| 141     | 14.1  | 11.3  | 16.9  |





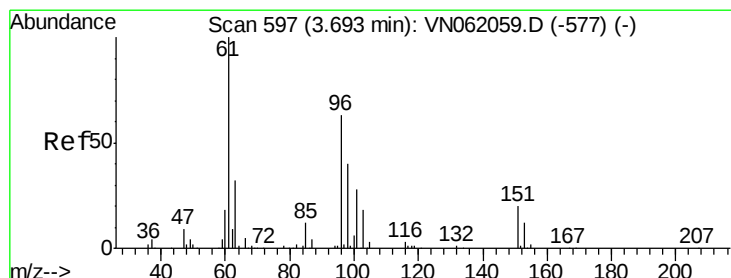
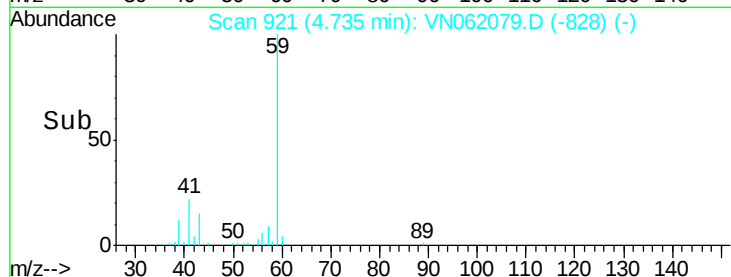
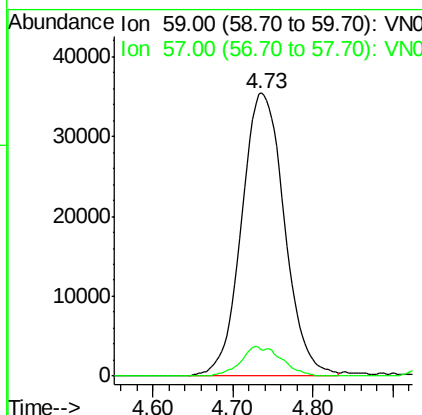
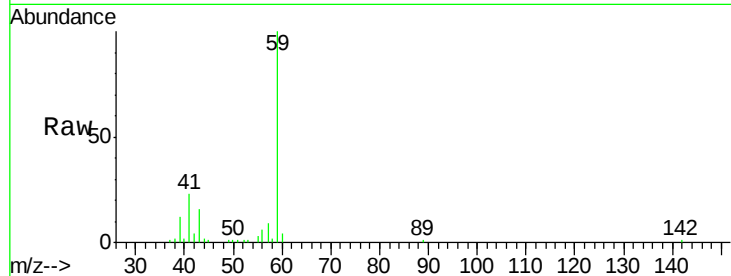
#11  
Tert butyl alcohol  
Concen: 246.815 ug/l  
RT: 4.73 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 5.4   | 8.3   | 12.5# |

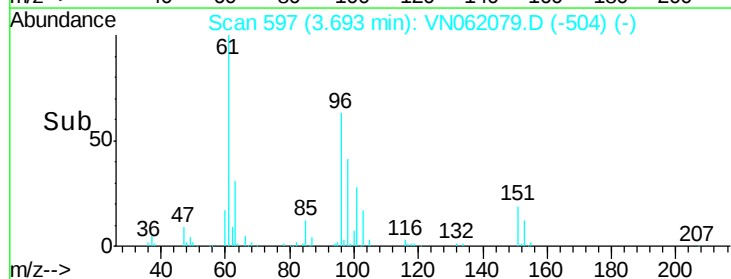
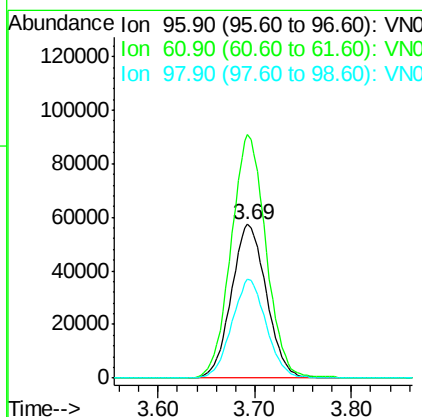
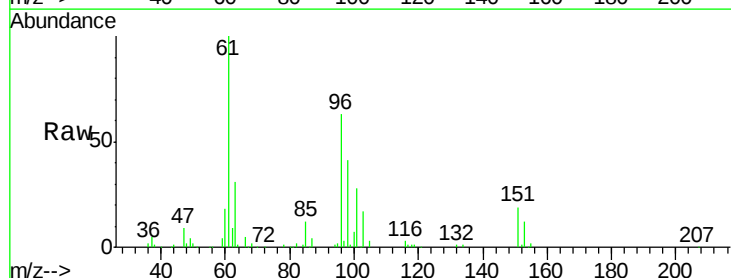
Manual Integrations  
APPROVED

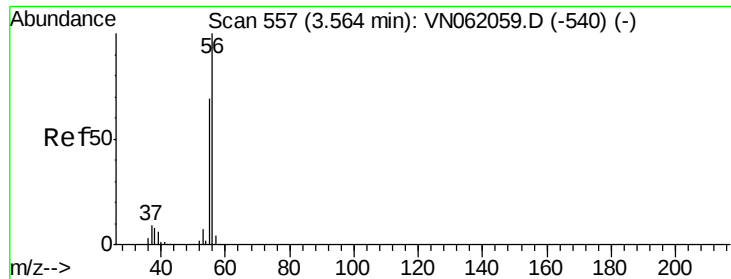
MMDadoda  
6/25/2020 6:10:42 PM



#12  
1,1-Dichloroethene  
Concen: 48.440 ug/l  
RT: 3.69 min Scan# 597  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 158.5 | 126.7 | 190.1 |
| 98      | 64.6  | 51.0  | 76.4  |





#13

Acrolein

Concen: 216.978 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 111555

Ion Ratio Lower Upper

56 100

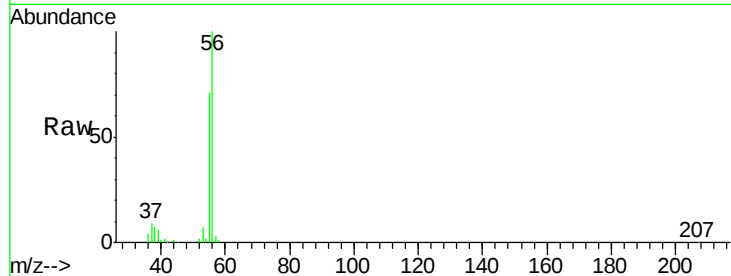
55 69.3 55.5 83.3

Manual Integrations

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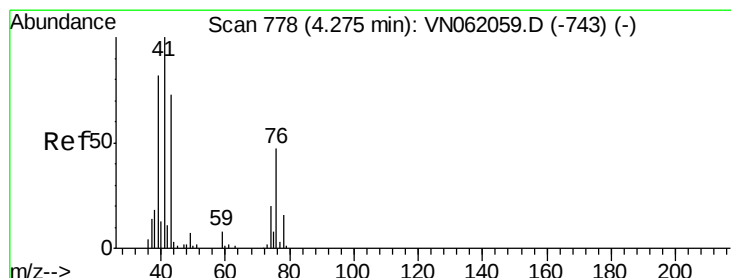
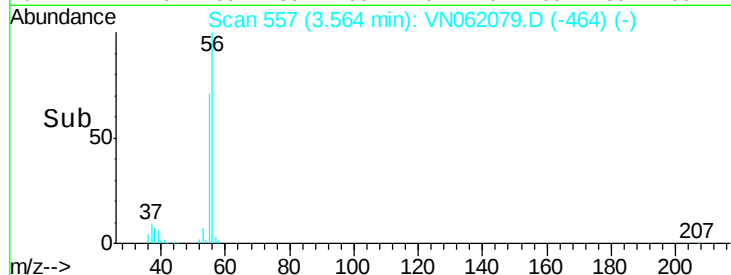
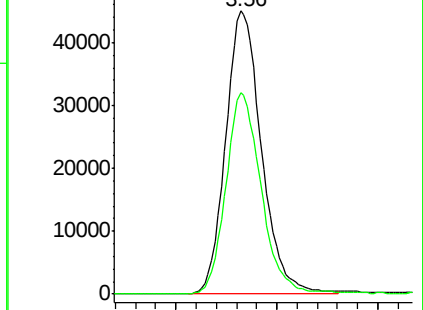
MMDadoda

6/25/2020 6:10:42 PM



Abundance Ion 56.00 (55.70 to 56.70): VN062079.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN062079.D (-464) (-)



#14

Allyl chloride

Concen: 49.044 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

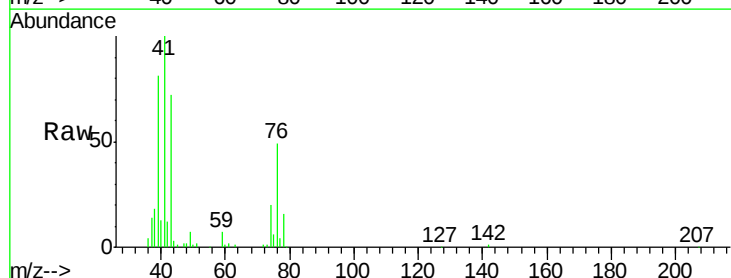
Tgt Ion: 41 Resp: 199823

Ion Ratio Lower Upper

41 100

39 73.5 60.0 90.0

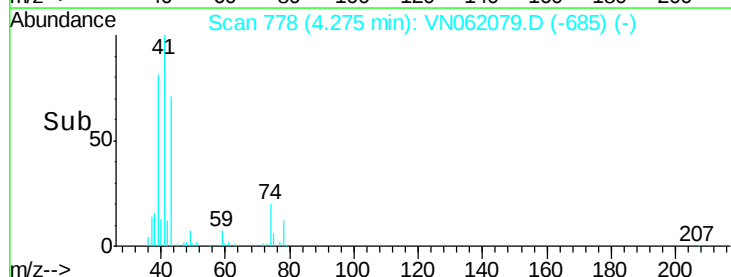
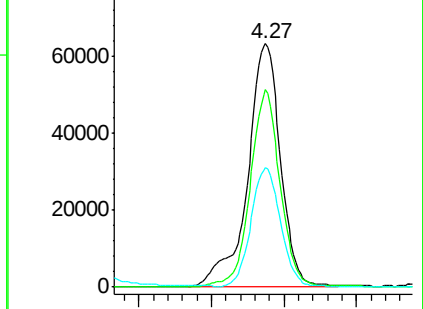
76 43.1 34.1 51.1

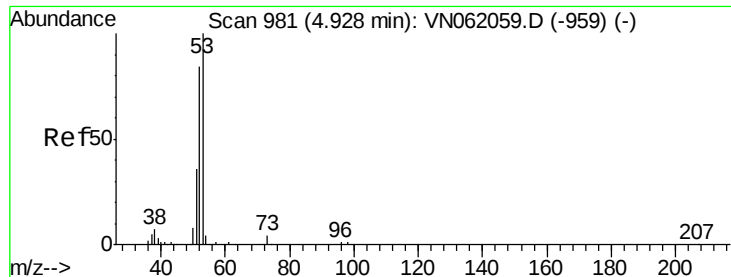


Abundance Ion 41.00 (40.70 to 41.70): VN062079.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062079.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062079.D (-685) (-)





#15

Acrylonitrile

Concen: 248.913 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

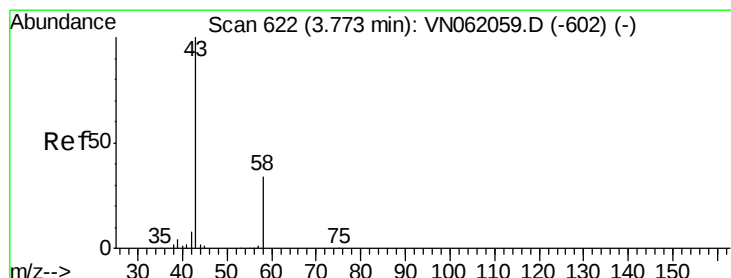
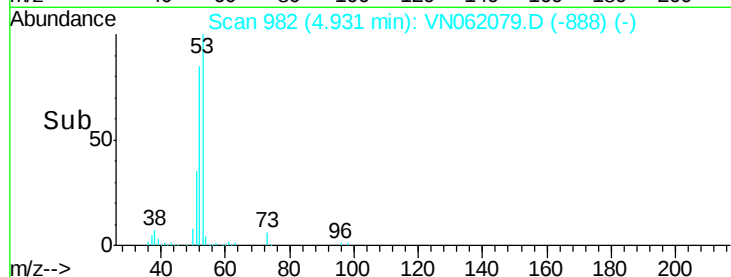
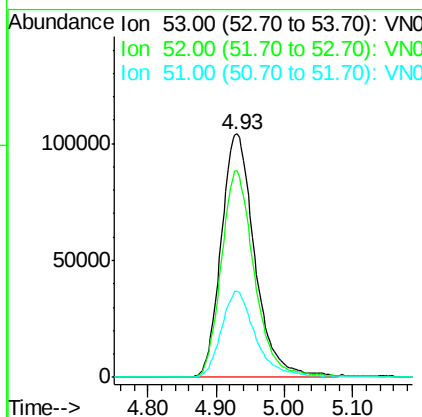
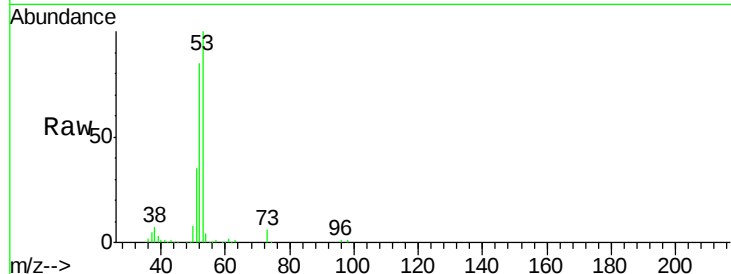
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 356192 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.1  | 66.2  | 99.4   |
| 51       | 36.0  | 28.9  | 43.3   |

Manual Integrations  
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MMDadoda  
6/25/2020 6:10:42 PM



#16

Acetone

Concen: 242.749 ug/l

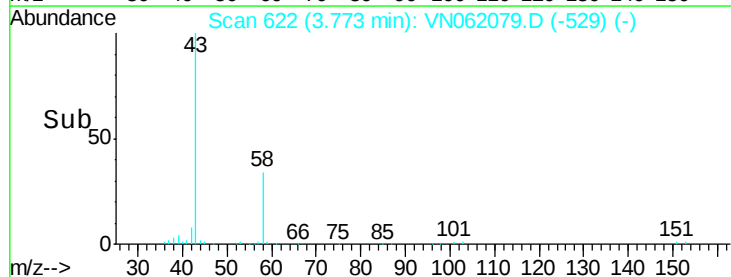
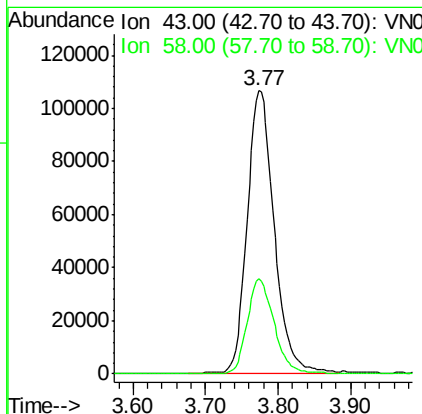
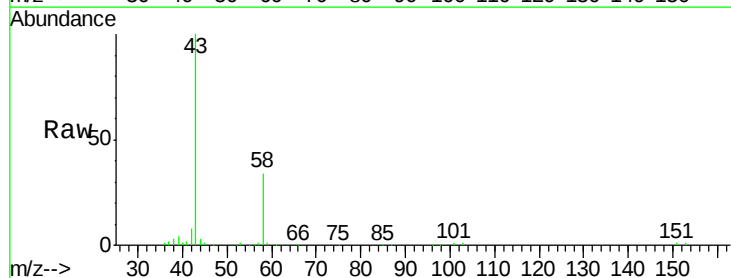
RT: 3.77 min Scan# 622

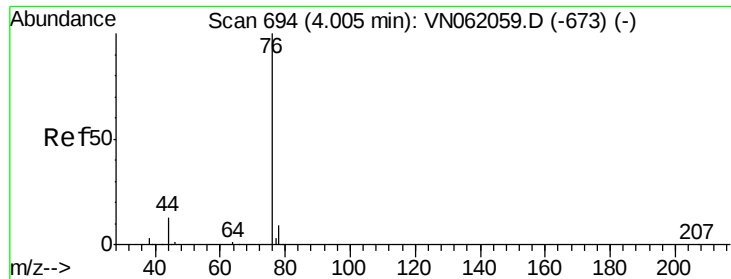
Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 278814 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 33.8  | 27.5  | 41.3   |





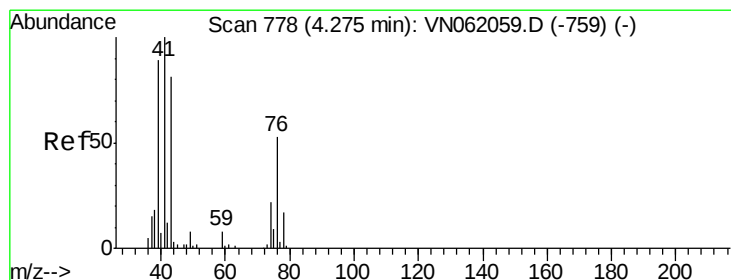
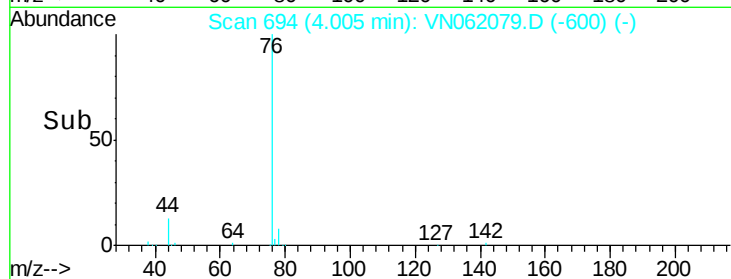
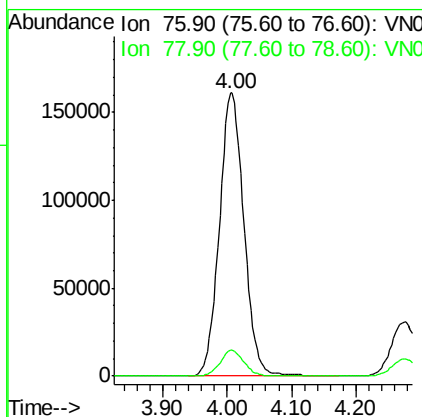
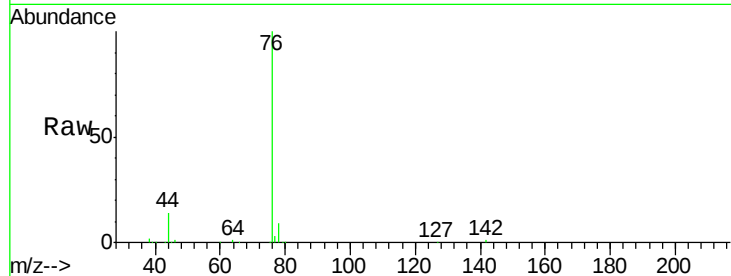
#17  
Carbon Disulfide  
Concen: 49.756 ug/l  
RT: 4.00 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.2   | 10.8  |

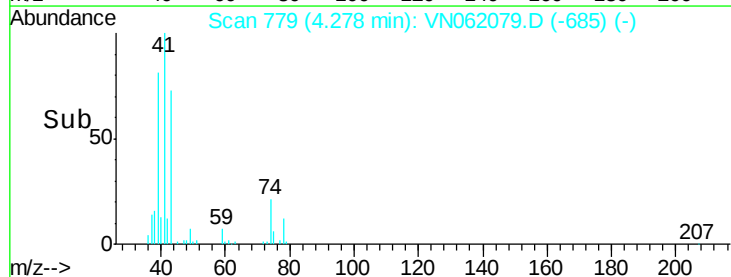
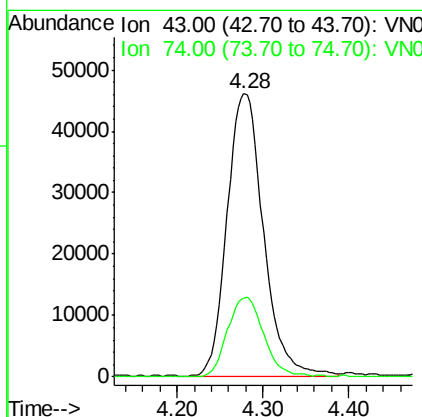
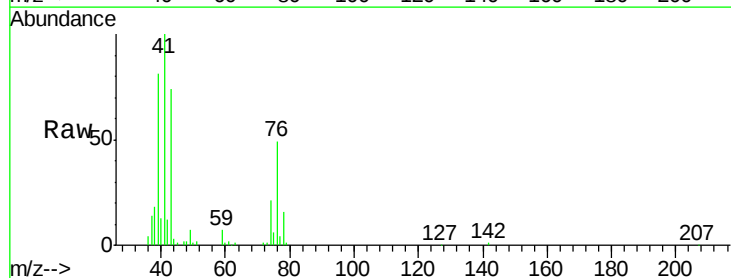
Manual Integrations  
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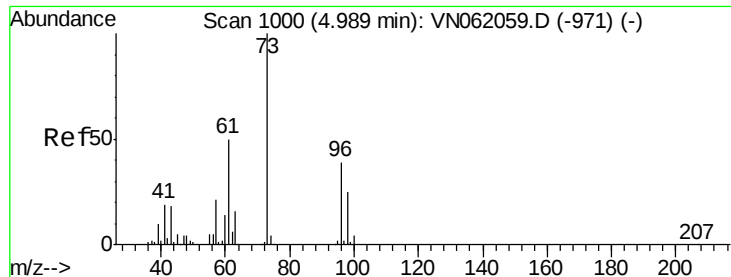
MMDadoda  
6/25/2020 6:10:42 PM



#18  
Methyl Acetate  
Concen: 46.971 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.8  | 22.9  | 34.3  |





#19

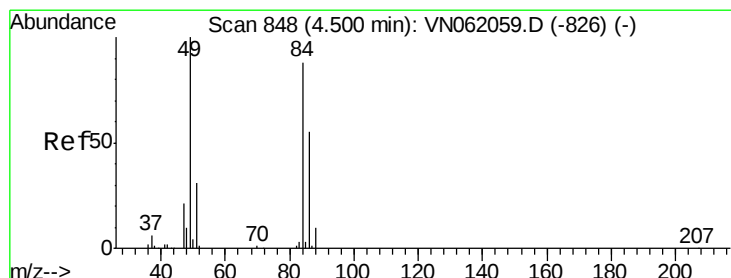
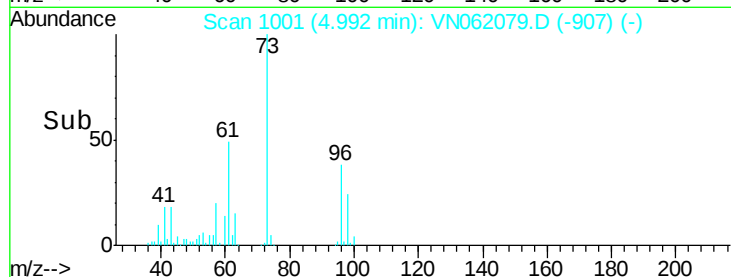
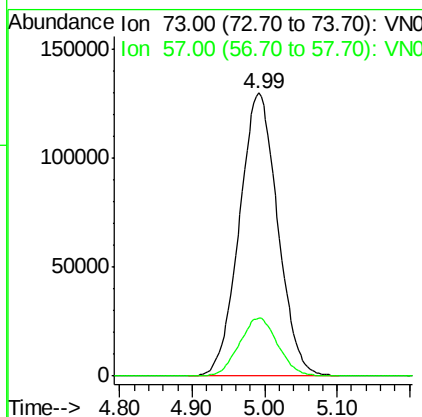
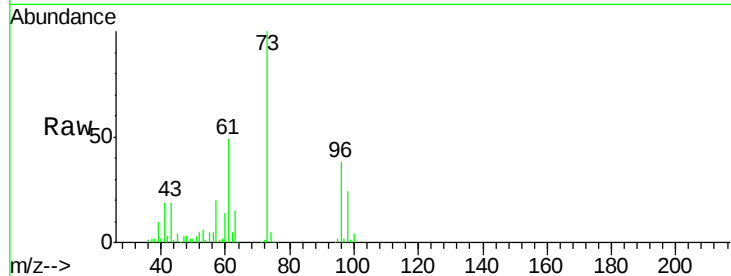
Methvl tert-butvl Ether  
 Concen: 50.000 ug/l  
 RT: 4.99 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 73 Resp: 478129  
 Ion Ratio Lower Upper  
 73 100  
 57 20.4 16.6 24.8

Manual Integrations  
 APPROVED

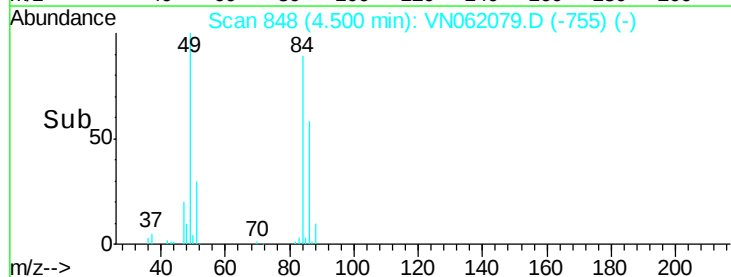
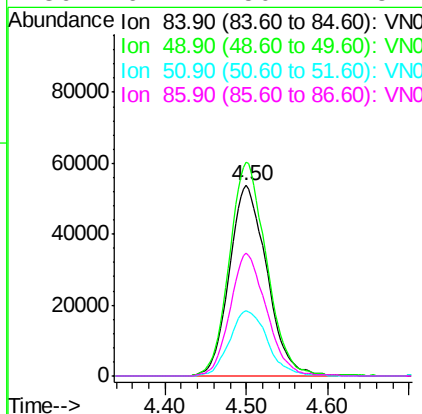
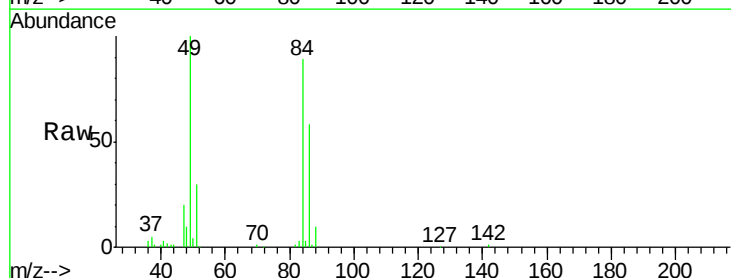
MMDadoda  
 6/25/2020 6:10:42 PM

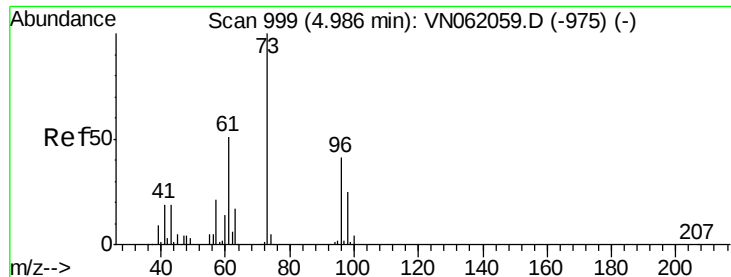


#20

Methylene Chloride  
 Concen: 51.261 ug/l  
 RT: 4.50 min Scan# 848  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Tgt Ion: 84 Resp: 172091  
 Ion Ratio Lower Upper  
 84 100  
 49 112.0 90.6 136.0  
 51 34.1 27.8 41.8  
 86 64.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 47.248 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

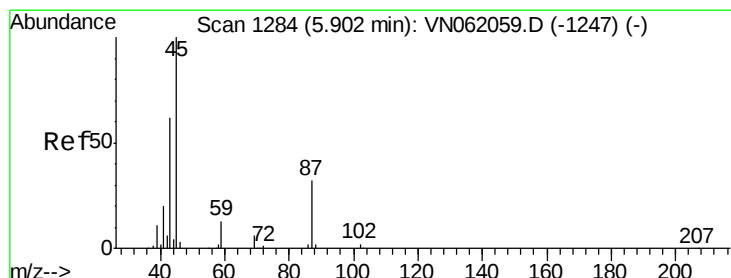
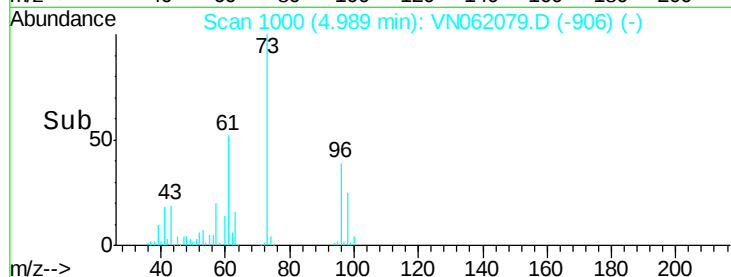
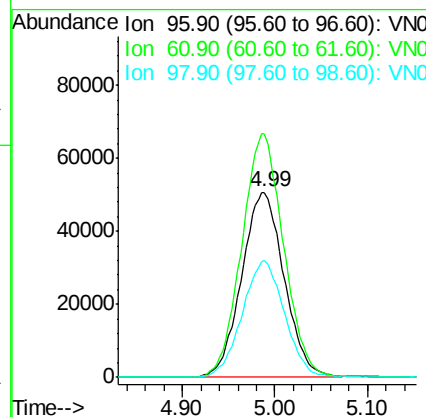
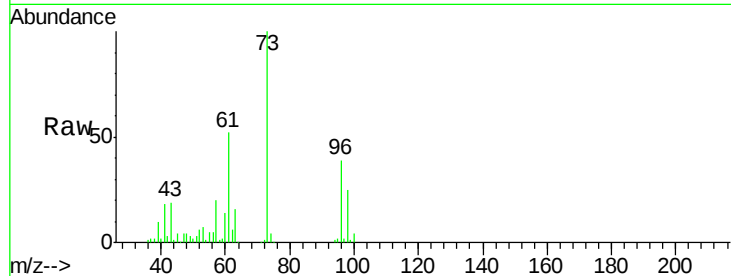
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 161077 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 131.5 | 101.4 | 152.2  |
| 98       | 62.9  | 49.3  | 73.9   |

Manual Integrations  
APPROVED

MMDadoda  
6/25/2020 6:10:42 PM



#22

Diisopropyl ether

Concen: 48.639 ug/l

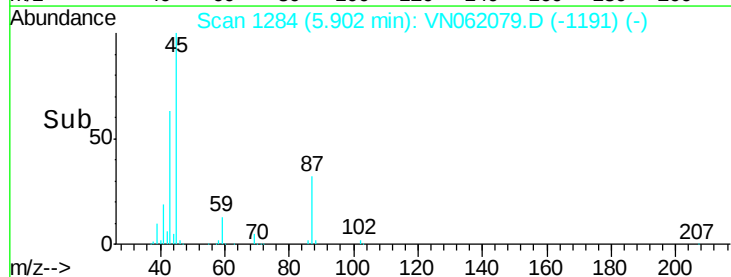
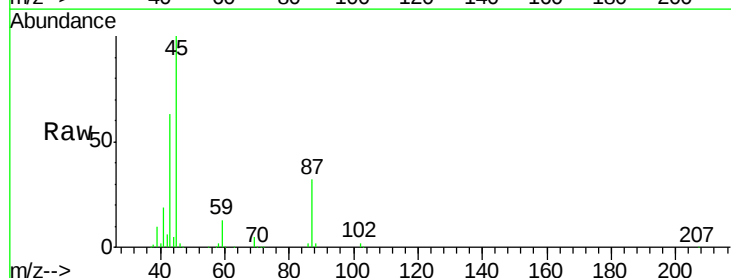
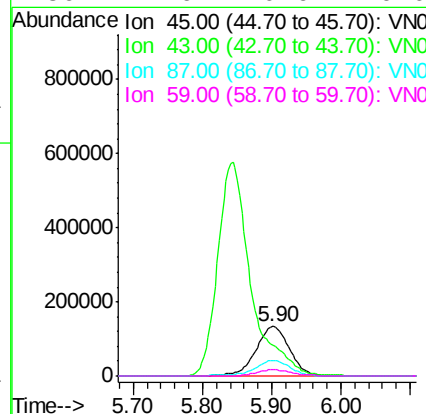
RT: 5.90 min Scan# 1284

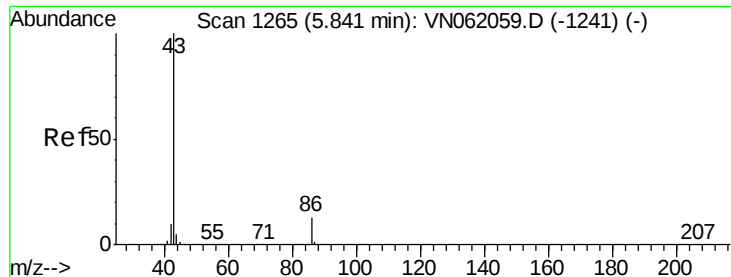
Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 451218 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 61.3  | 49.7  | 74.5   |
| 87       | 32.0  | 25.9  | 38.9   |
| 59       | 12.6  | 10.6  | 16.0   |





#23

Vinyl Acetate

Concen: 253.046 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1916598

Ion Ratio Lower Upper

43 100

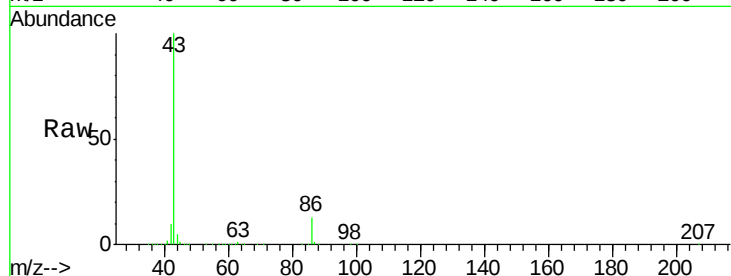
86 12.9 10.1 15.1

Manual Integrations

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6/25/2020 6:10:42 PM



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D

Ion 86.00 (85.70 to 86.70): VN062059.D

5.84

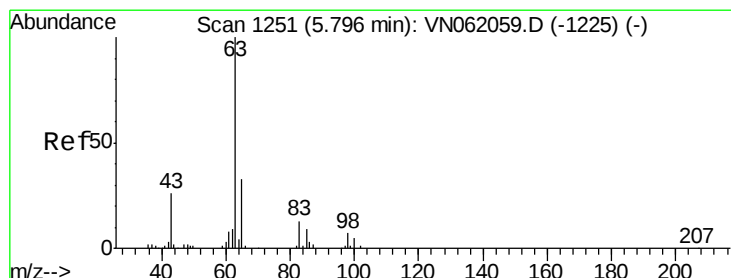
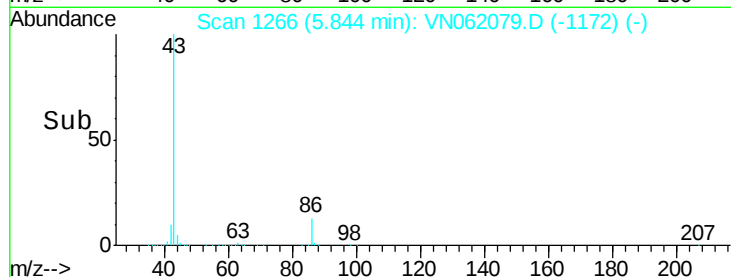
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.479 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

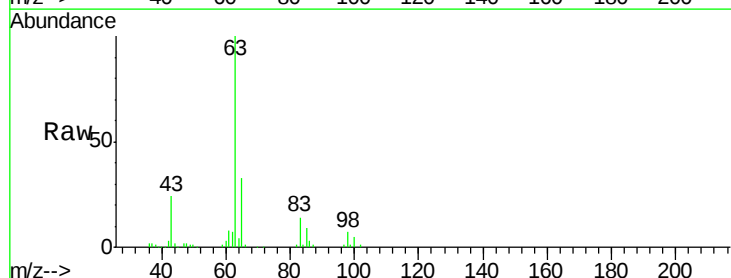
Tgt Ion: 63 Resp: 283633

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D

Ion 97.90 (97.60 to 98.60): VN062059.D

Ion 99.90 (99.60 to 100.60): VN062059.D

5.80

120000

100000

80000

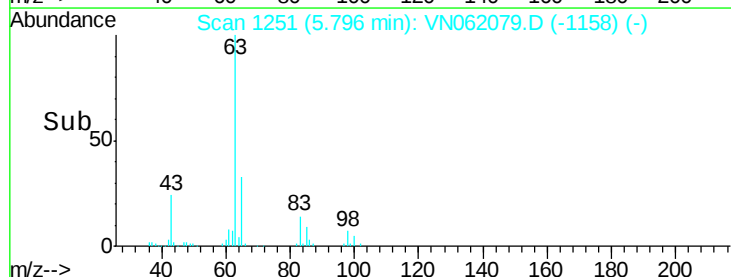
60000

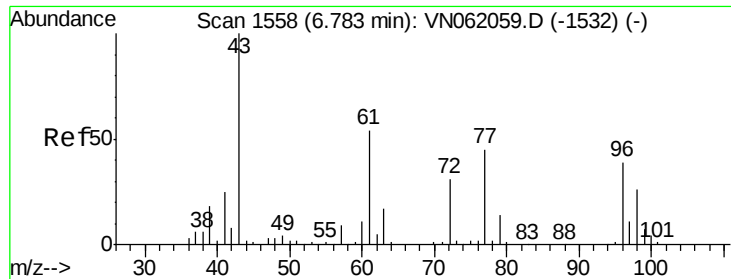
40000

20000

0

Time-->





#25

2-Butanone

Concen: 245.718 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 439271

Ion Ratio Lower Upper

43 100

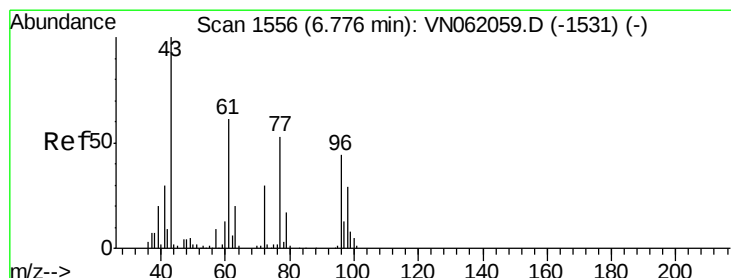
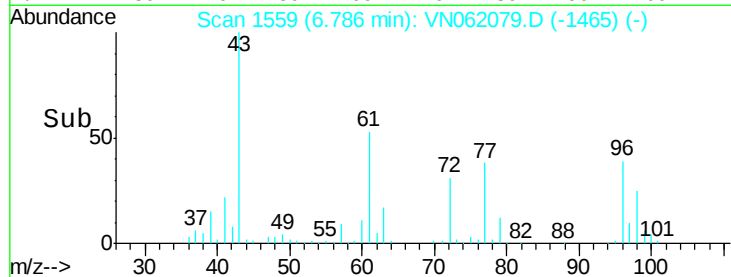
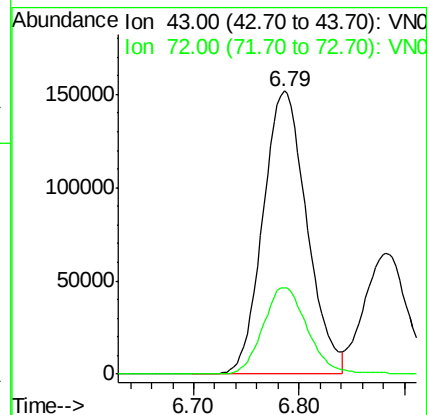
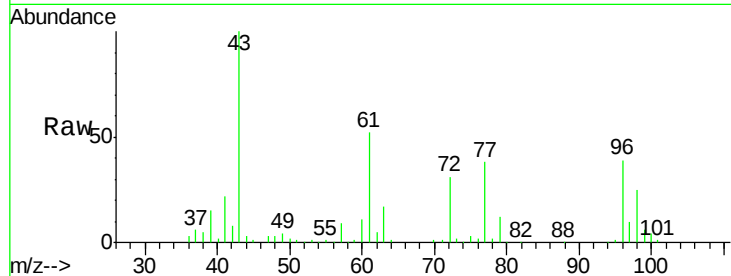
72 30.6 24.8 37.2

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#26

2,2-Dichloropropane

Concen: 42.945 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062079.D

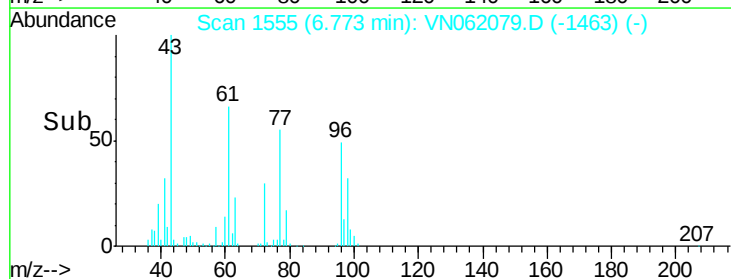
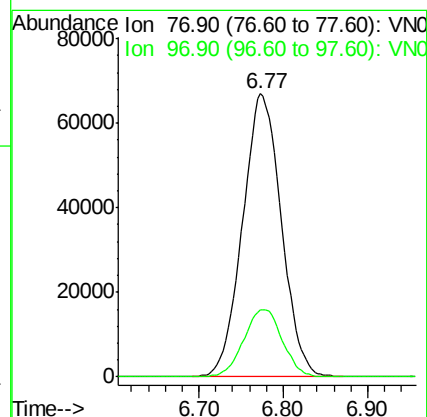
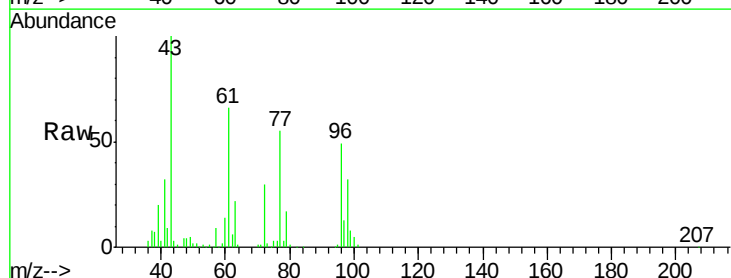
Acq: 24 Jun 2020 22:14

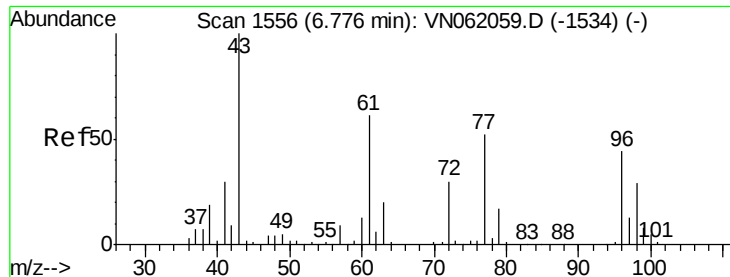
Tgt Ion: 77 Resp: 213782

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.108 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

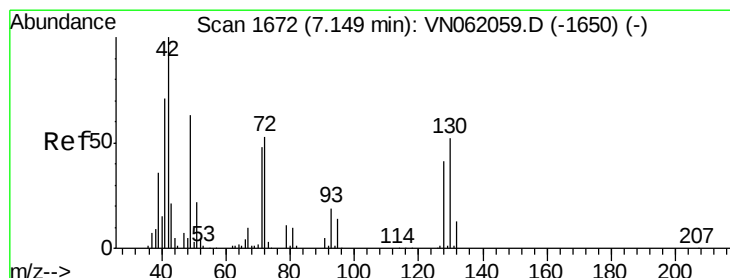
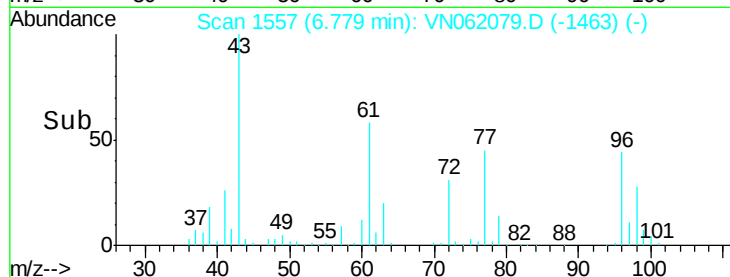
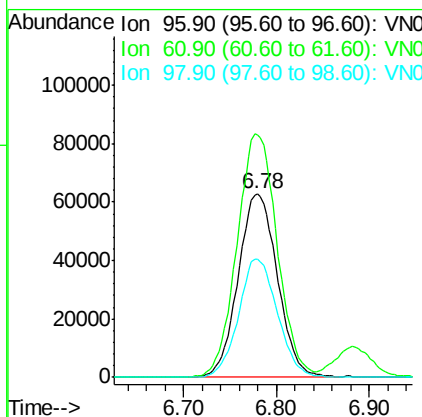
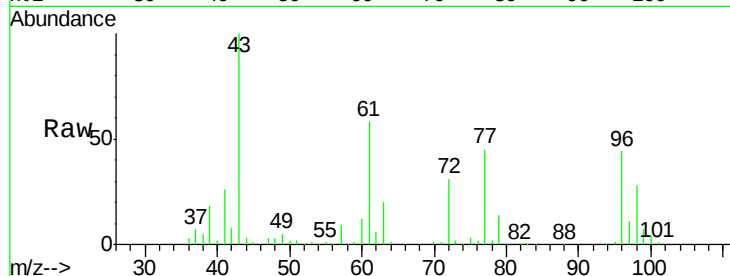
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 184551 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 135.9 | 0.0   | 280.4  |
| 98        | 63.8  | 0.0   | 129.4  |

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#28

Bromochloromethane

Concen: 44.356 ug/l

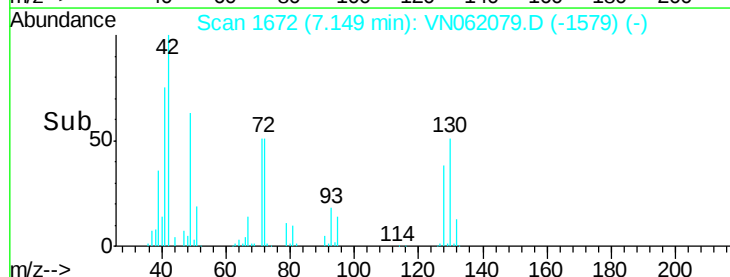
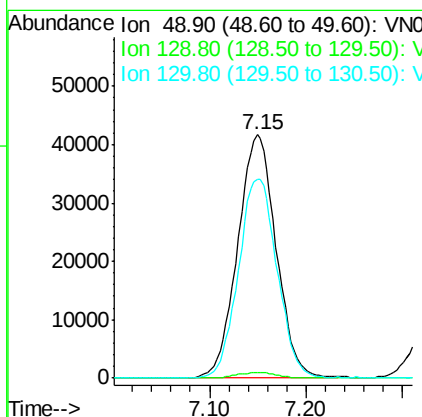
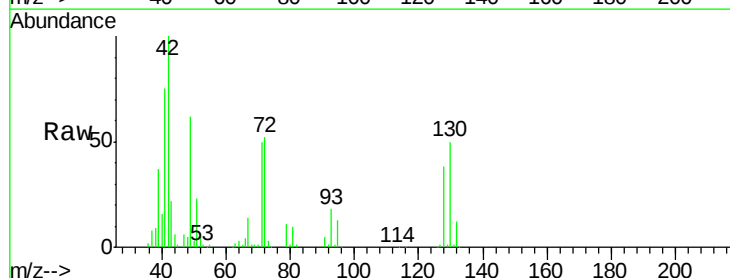
RT: 7.15 min Scan# 1672

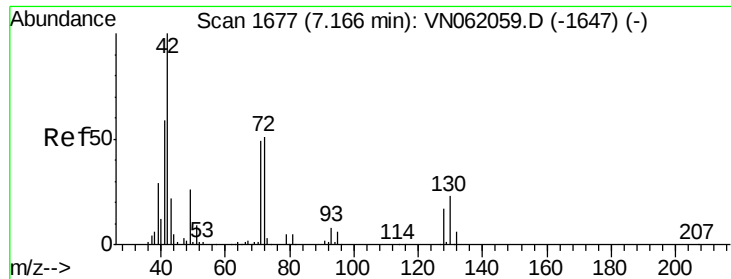
Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 49    | Resp: | 114967 |
| Ion Ratio | Lower | Upper |        |
| 49        | 100   |       |        |
| 129       | 2.3   | 0.0   | 4.4    |
| 130       | 82.3  | 65.5  | 98.3   |





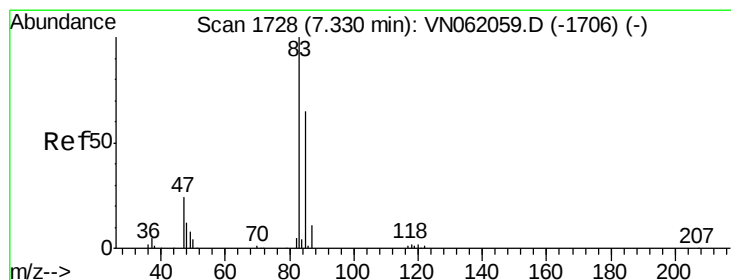
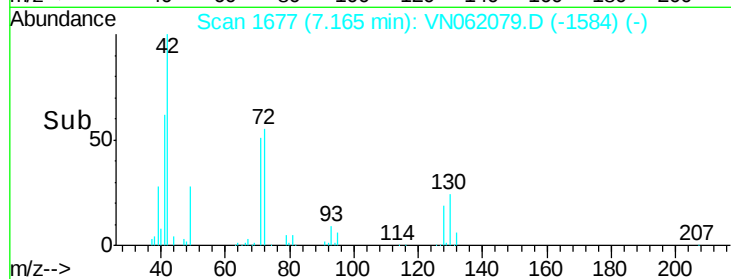
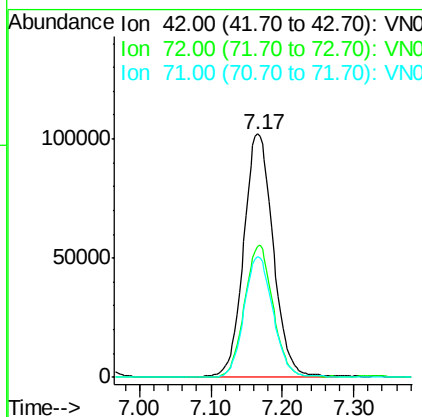
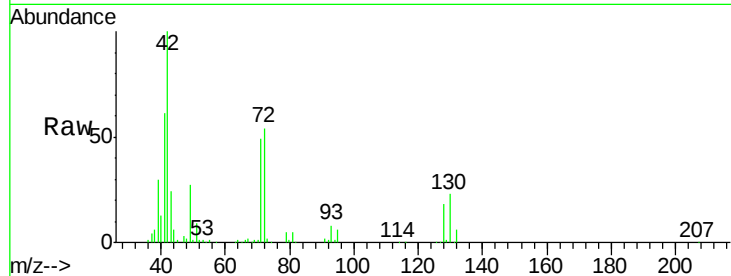
#29  
Tetrahydrofuran  
Concen: 251.500 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 52.4  | 41.1  | 61.7  |
| 71      | 48.6  | 38.2  | 57.4  |

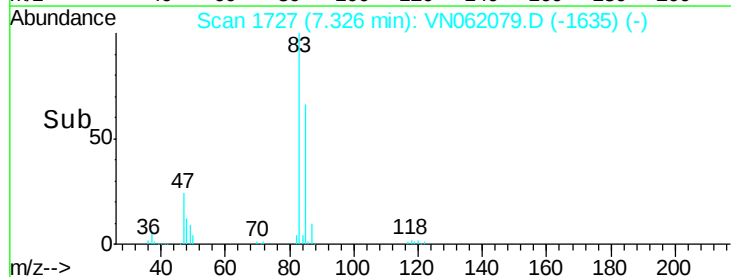
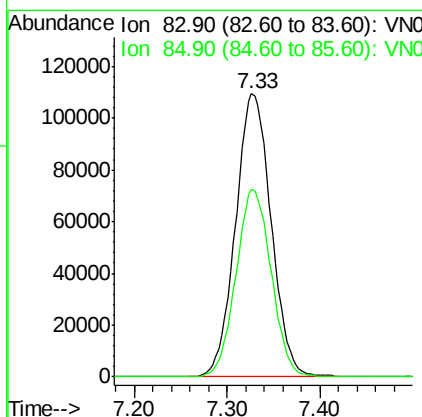
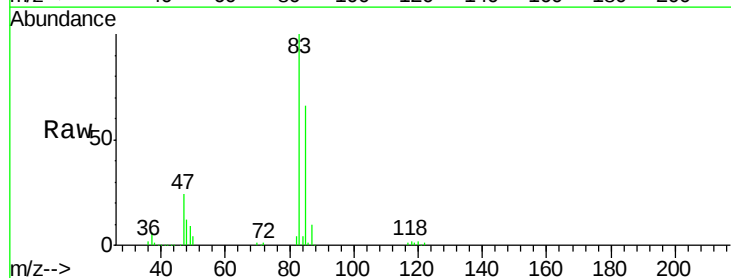
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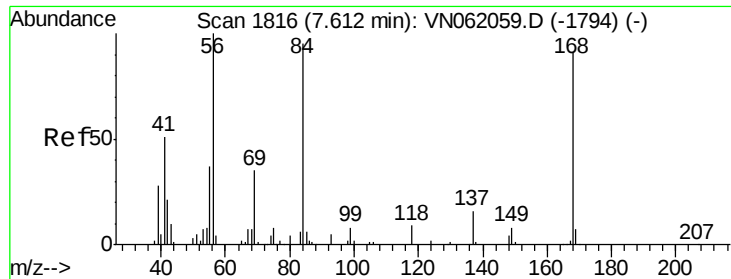
MMDadoda  
6/25/2020 6:10:42 PM



#30  
Chloroform  
Concen: 47.930 ug/l  
RT: 7.33 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.4  | 52.3  | 78.5  |





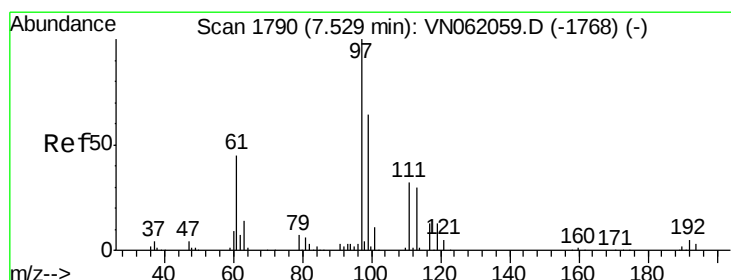
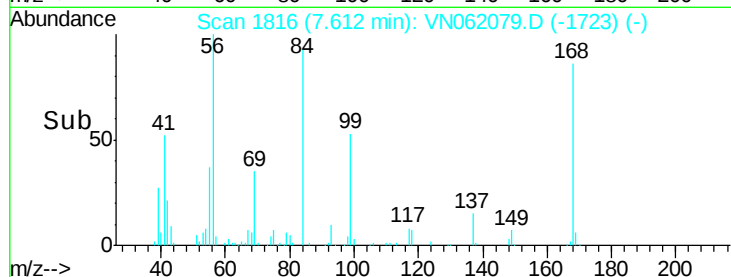
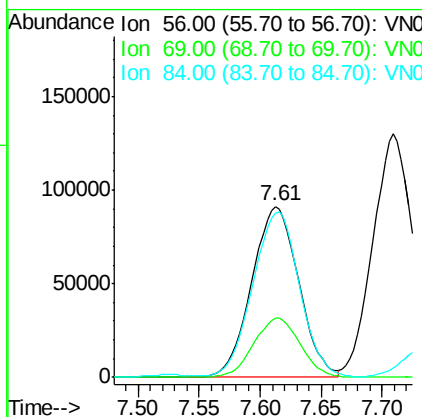
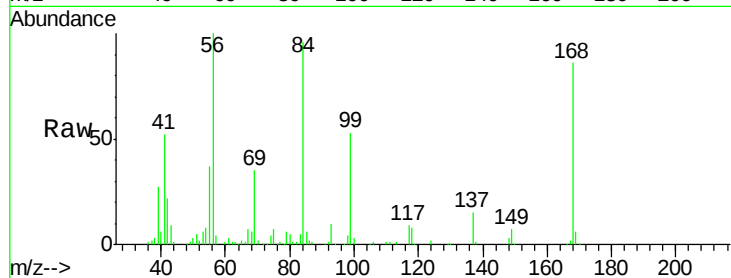
#31  
Cyclohexane  
Concen: 48.293 ug/l  
RT: 7.61 min Scan# 1816  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 34.8  | 28.0  | 42.0  |
| 84      | 95.1  | 76.1  | 114.1 |

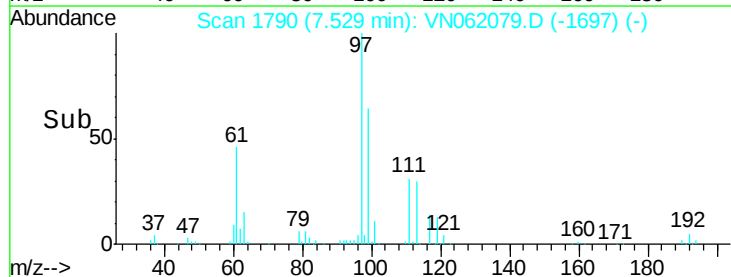
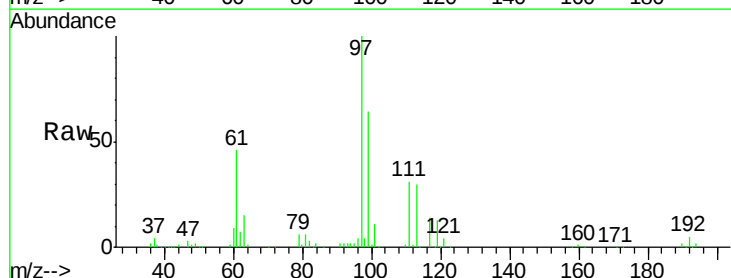
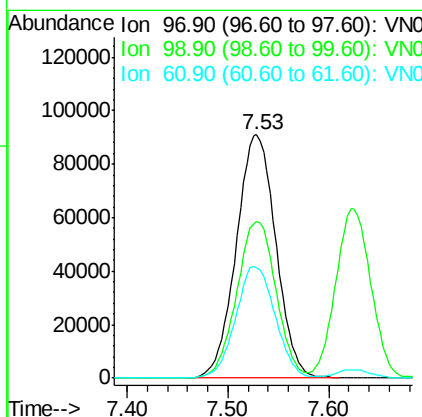
Manual Integrations  
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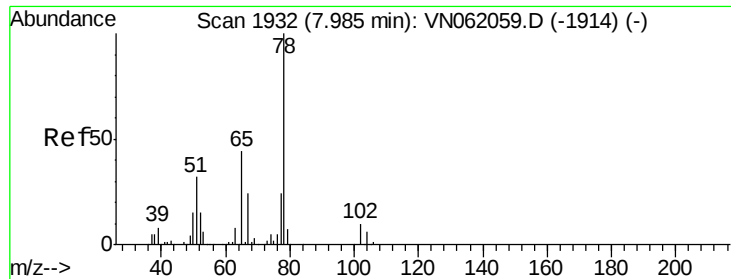
MMDadoda  
6/25/2020 6:10:42 PM



#32  
1,1,1-Trichloroethane  
Concen: 48.305 ug/l  
RT: 7.53 min Scan# 1790  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.2  | 51.0  | 76.4  |
| 61      | 46.0  | 36.2  | 54.2  |





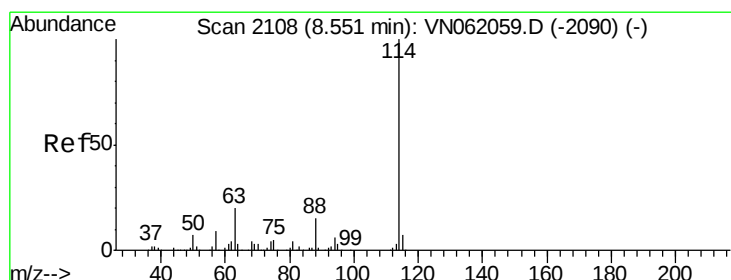
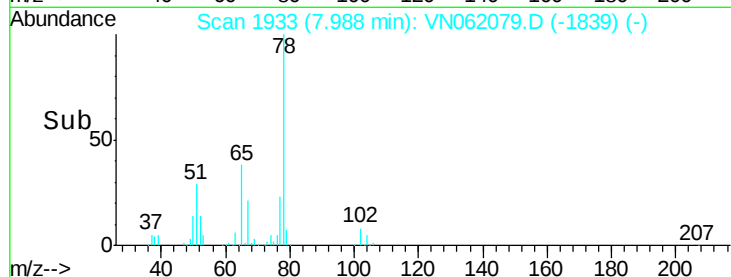
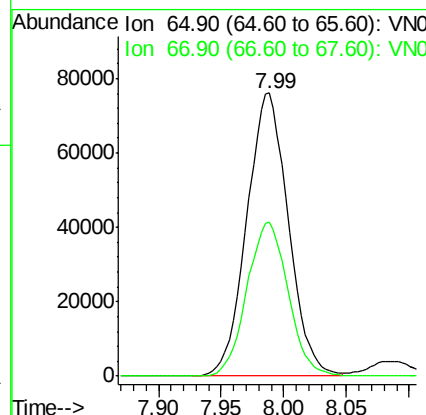
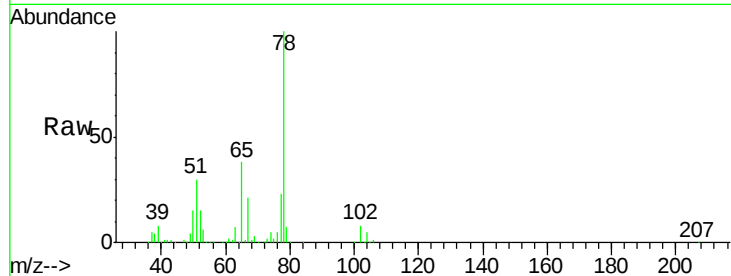
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.029 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 175663 |       |       |
| 67      | 53.9  | 0.0    | 106.2 |       |

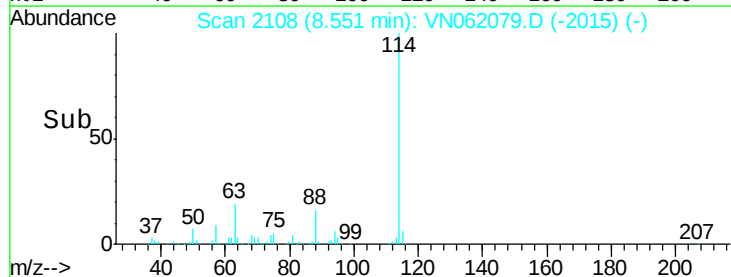
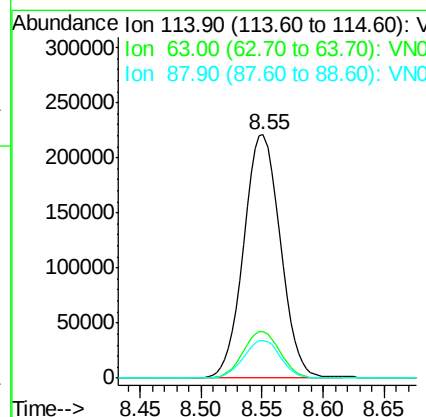
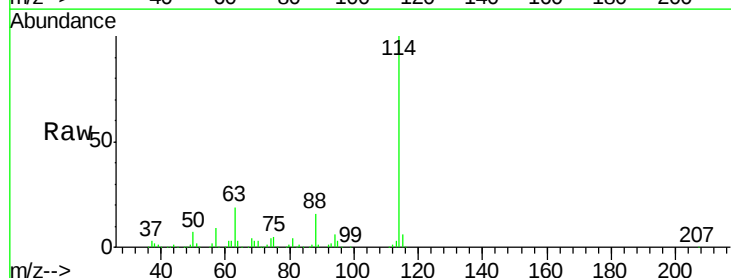
Manual Integrations  
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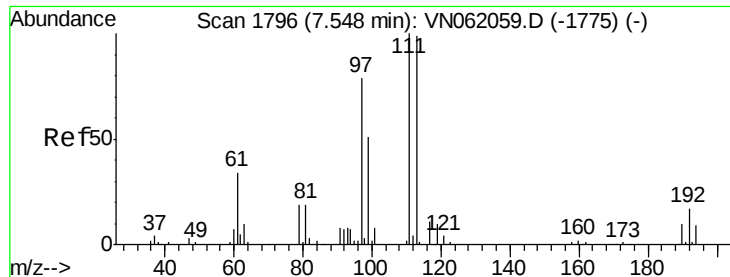
MMDadoda  
 6/25/2020 6:10:42 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 459585 |       |       |
| 63      | 19.2  | 0.0    | 39.2  |       |
| 88      | 15.5  | 0.0    | 30.8  |       |





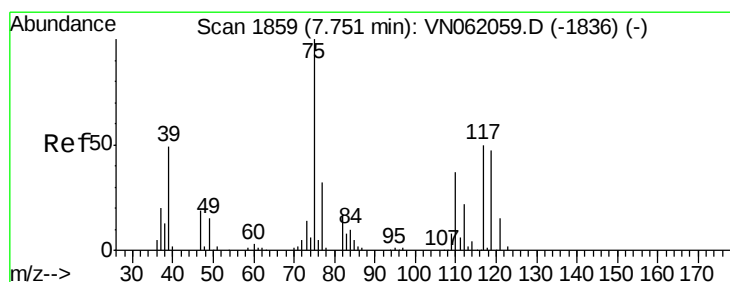
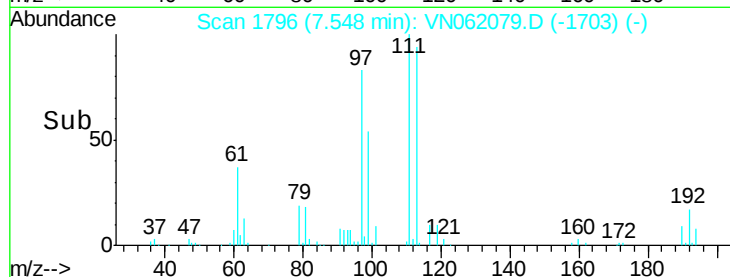
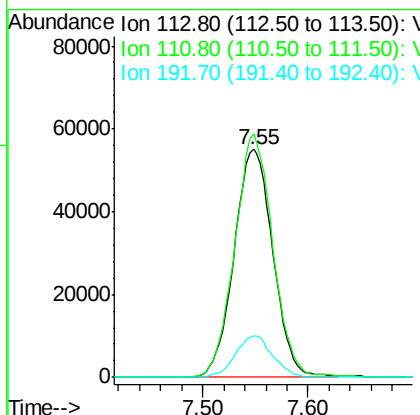
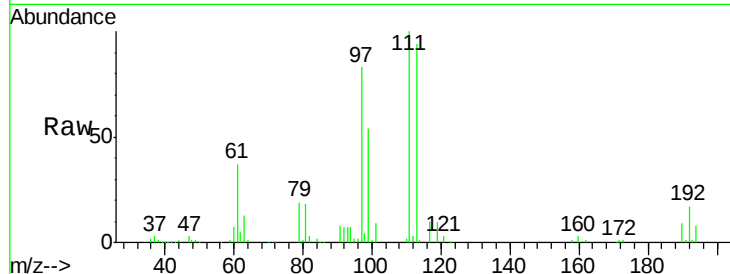
#35  
 Dibromofluoromethane  
 Concen: 47.806 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 140953 |       |       |
| 111     | 104.8 | 82.2   | 123.4 |       |
| 192     | 17.4  | 14.0   | 21.0  |       |

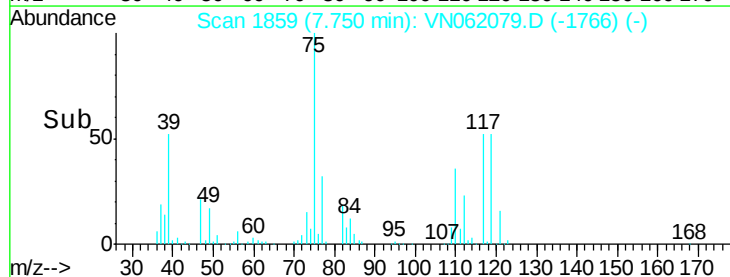
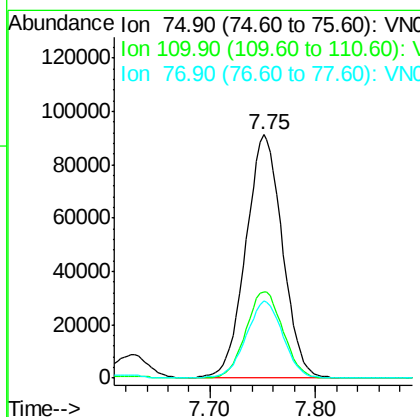
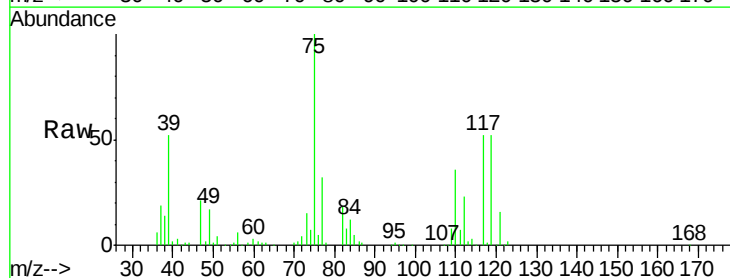
Manual Integrations  
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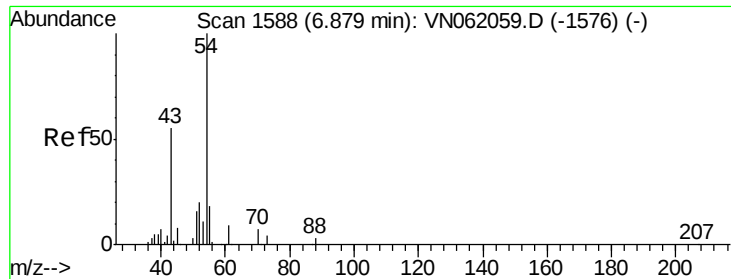
MMDadoda  
 6/25/2020 6:10:42 PM



#36  
 1,1-Dichloropropene  
 Concen: 47.387 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 218904 |       |       |
| 110     | 36.0  | 17.9   | 53.8  |       |
| 77      | 32.2  | 24.9   | 37.3  |       |





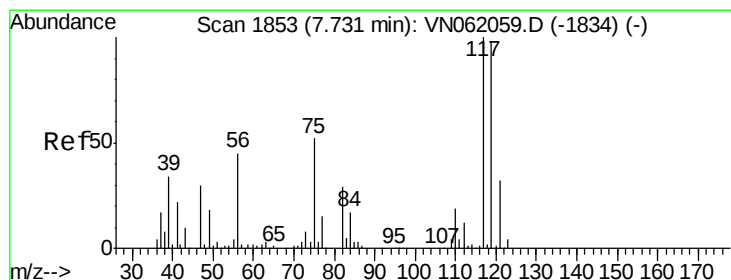
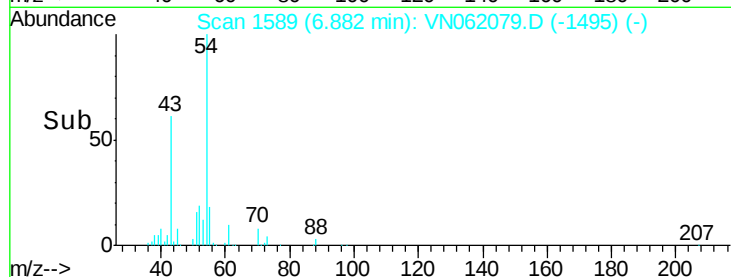
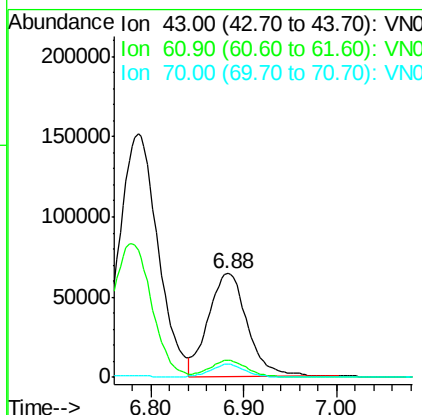
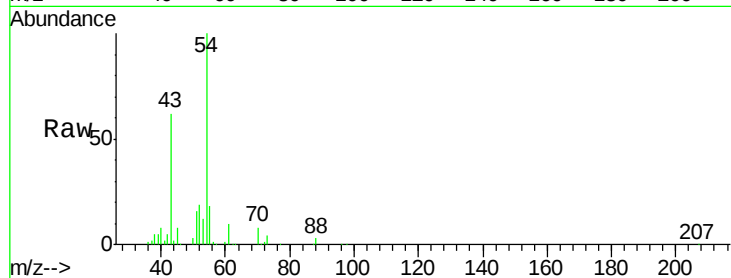
#37  
Ethyl Acetate  
Concen: 49.364 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.9  | 12.0  | 18.0  |
| 70      | 11.5  | 9.6   | 14.4  |

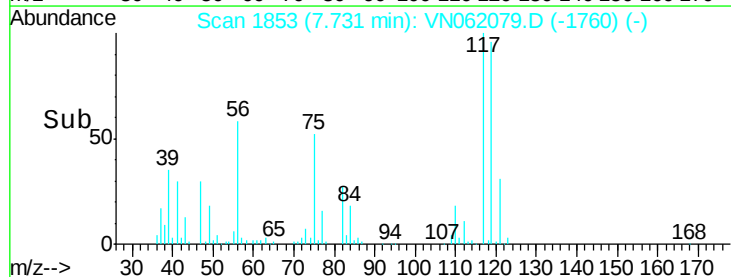
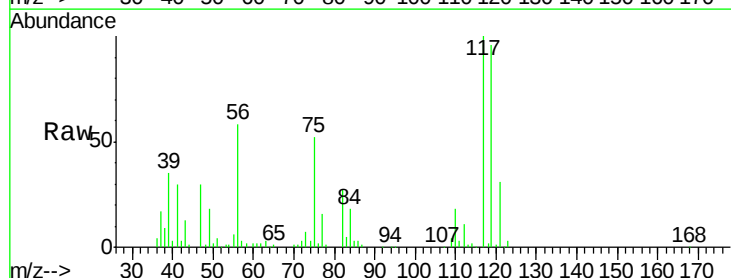
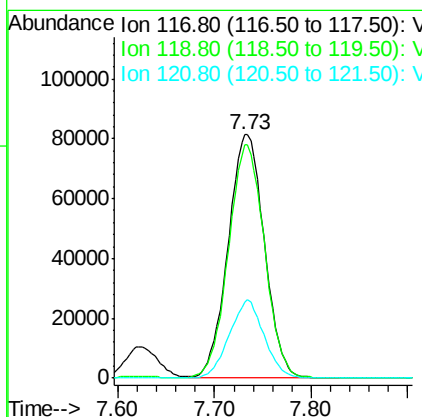
Manual Integrations  
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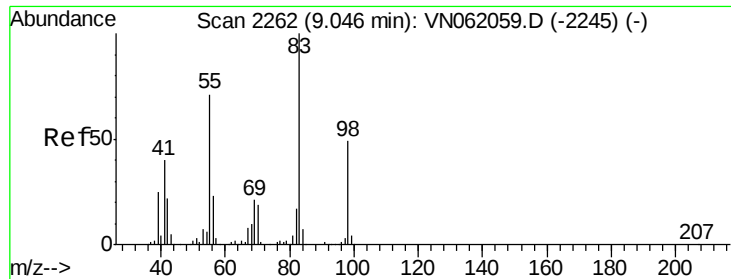
MMDadoda  
6/25/2020 6:10:42 PM



#38  
Carbon Tetrachloride  
Concen: 48.724 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.5  | 78.2  | 117.2 |
| 121     | 31.4  | 25.8  | 38.6  |





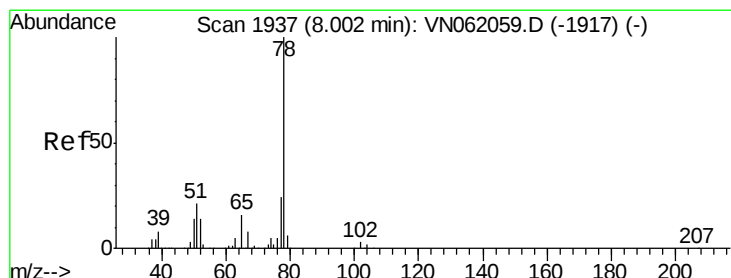
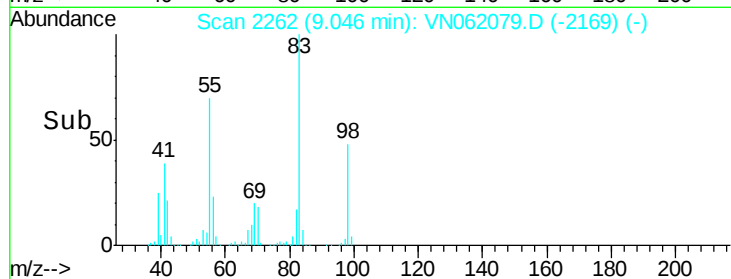
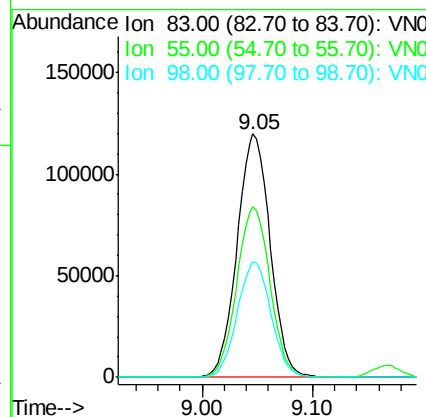
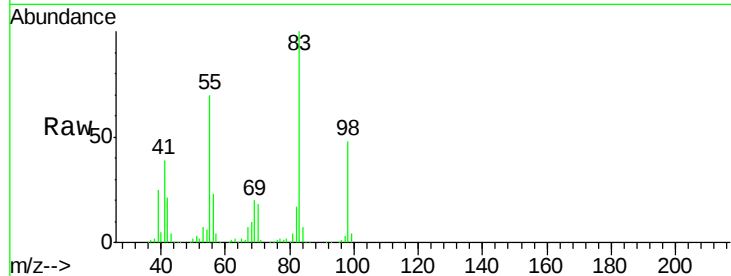
#39  
Methvlcvclohexane  
Concen: 49.186 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 248958 |       |       |
| 55      | 70.0  |        | 57.0  | 85.6  |
| 98      | 47.6  |        | 39.0  | 58.6  |

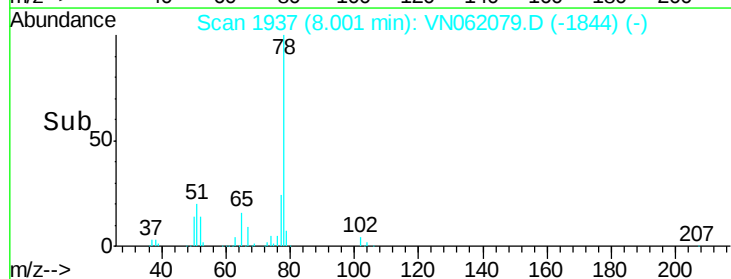
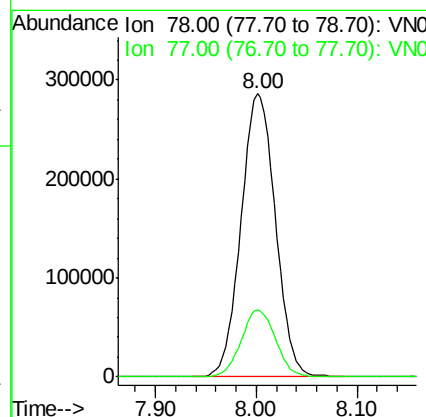
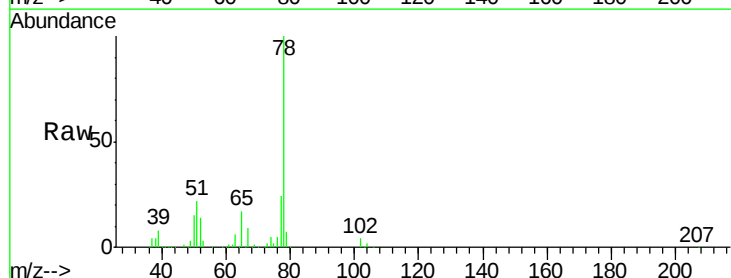
Manual Integrations  
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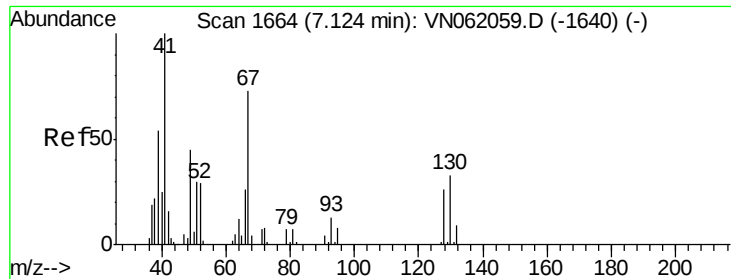
MMDadoda  
6/25/2020 6:10:42 PM



#40  
Benzene  
Concen: 48.025 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 676190 |       |       |
| 77      | 23.7  |        | 19.5  | 29.3  |





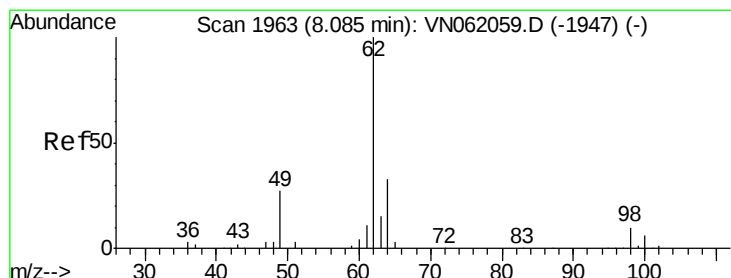
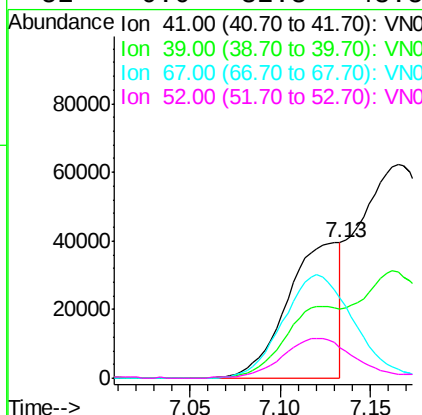
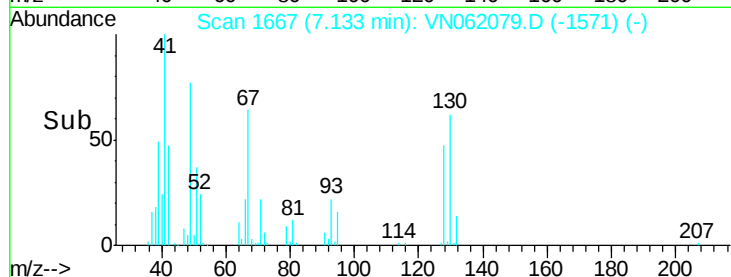
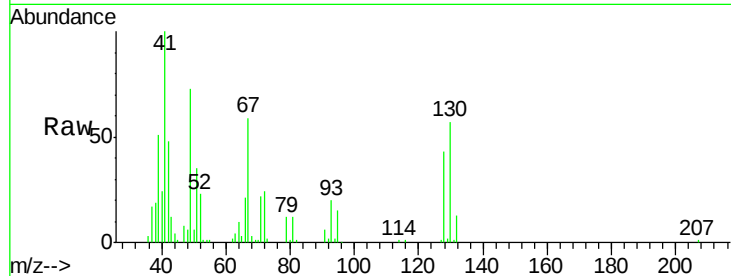
#41  
Methacrylonitrile  
Concen: 45.725 ug/l m  
RT: 7.13 min Scan# 1667  
Delta R.T. 0.01 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 41      | 100   |       |        |
| 39      | 0.0   | 44.2  | 66.2#  |
| 67      | 0.0   | 79.5  | 119.3# |
| 52      | 0.0   | 32.3  | 48.5#  |

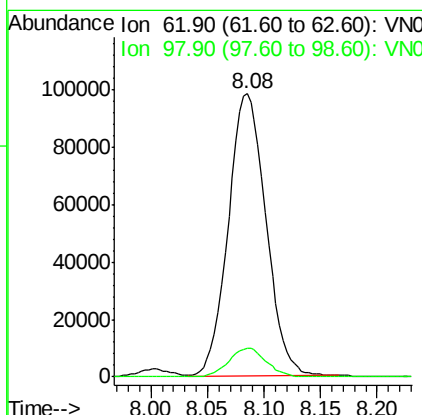
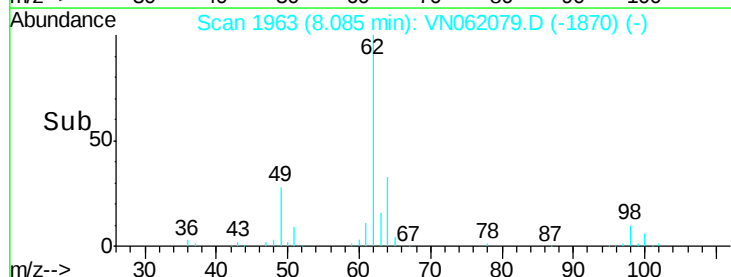
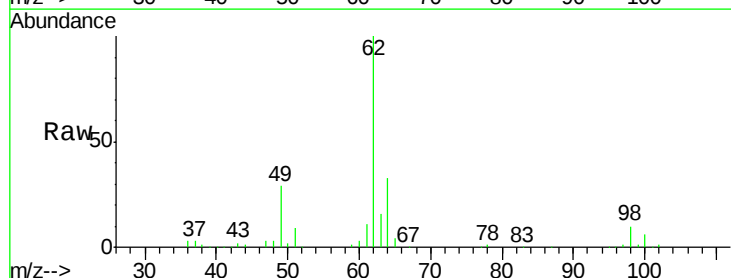
Manual Integrations  
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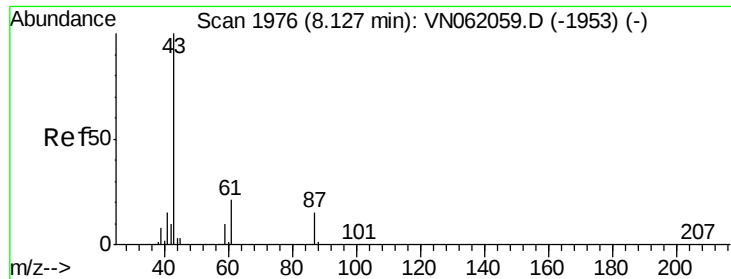
MMDadoda  
6/25/2020 6:10:42 PM



#42  
1,2-Dichloroethane  
Concen: 47.941 ug/l  
RT: 8.08 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.1  | 0.0   | 19.8  |





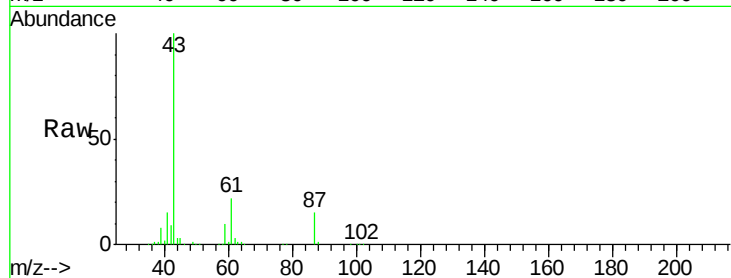
#43  
Isopropyl Acetate  
Concen: 50.531 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

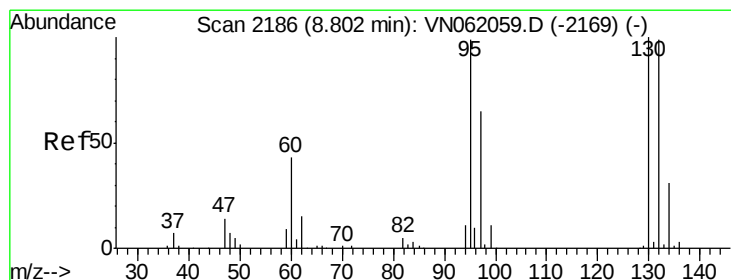
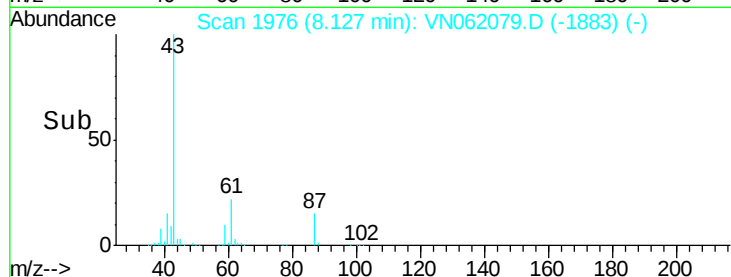
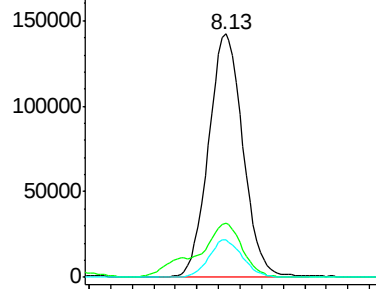
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.2  | 17.2  | 25.8  |
| 87      | 15.0  | 12.1  | 18.1  |

Manual Integrations  
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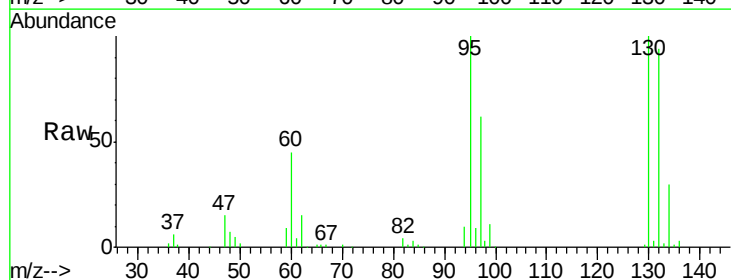


Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)  
Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)  
Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)

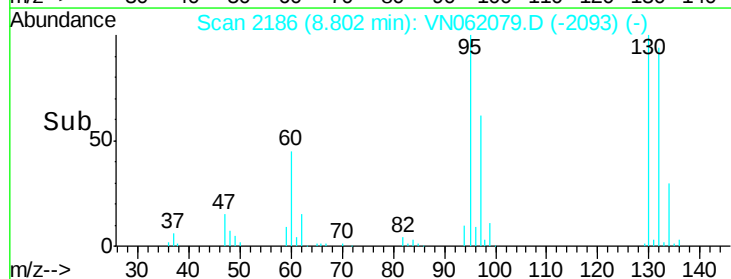
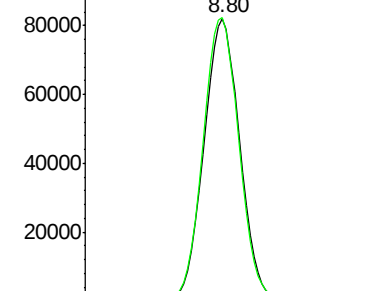


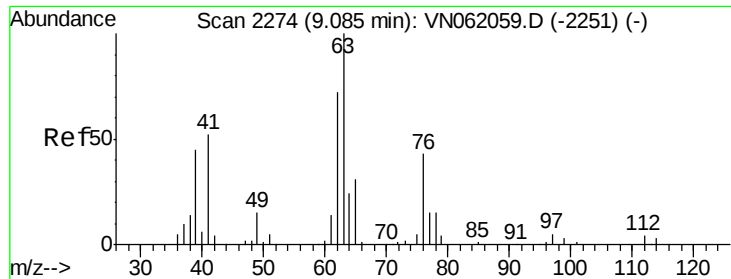
#44  
Trichloroethene  
Concen: 47.066 ug/l  
RT: 8.80 min Scan# 2186  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 100.3 | 0.0   | 197.8 |



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)  
Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





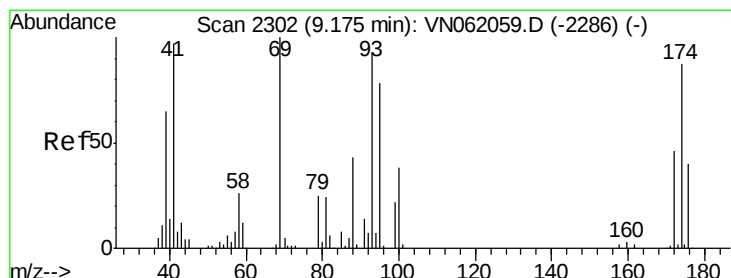
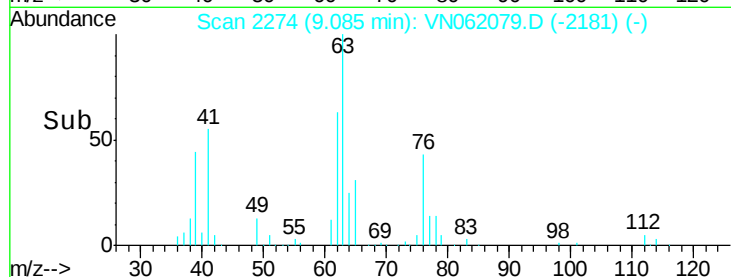
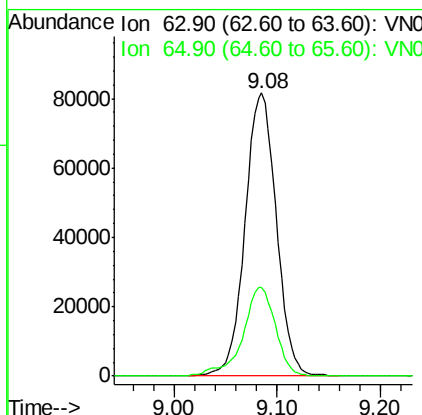
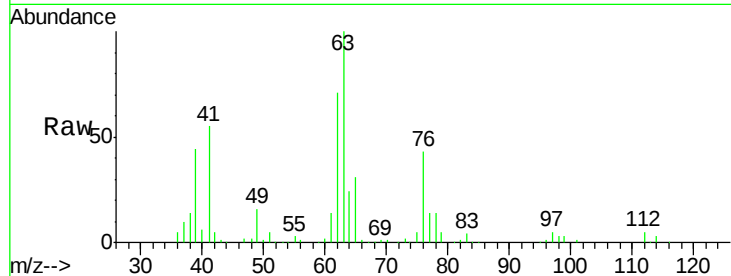
#45  
 1,2-Dichloropropane  
 Concen: 49.435 ug/l  
 RT: 9.08 min Scan# 2274  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 171719  
 Ion Ratio Lower Upper  
 63 100  
 65 31.4 25.0 37.4

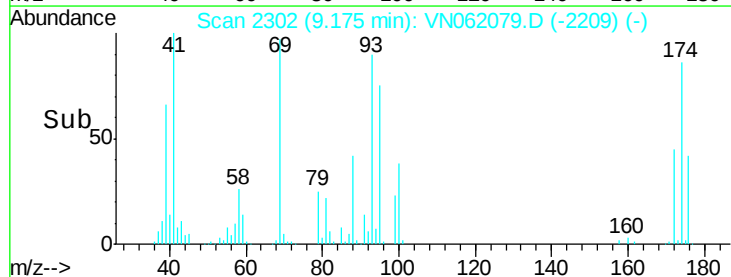
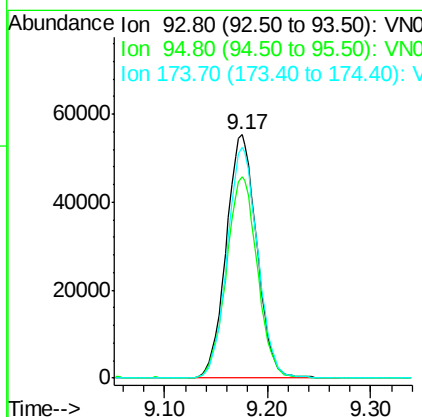
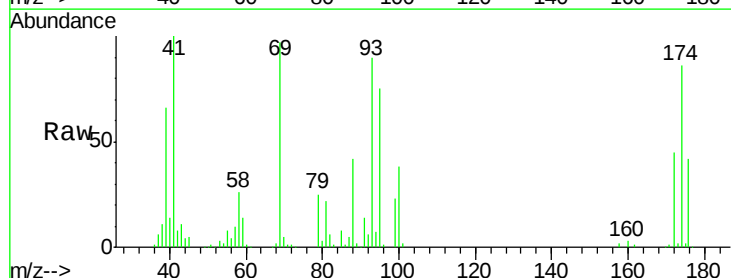
Manual Integrations  
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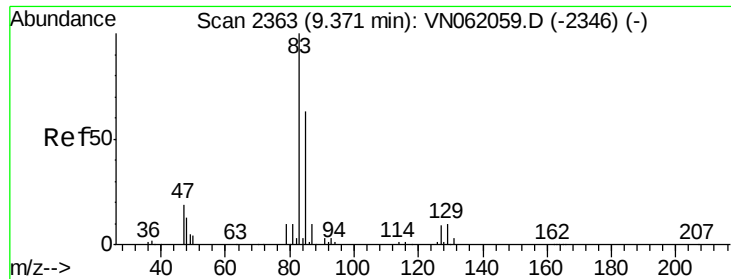
MMDadoda  
 6/25/2020 6:10:42 PM



#46  
 Dibromomethane  
 Concen: 48.590 ug/l  
 RT: 9.17 min Scan# 2302  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Tgt Ion: 93 Resp: 114435  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 67.0 100.6  
 174 94.2 74.4 111.6





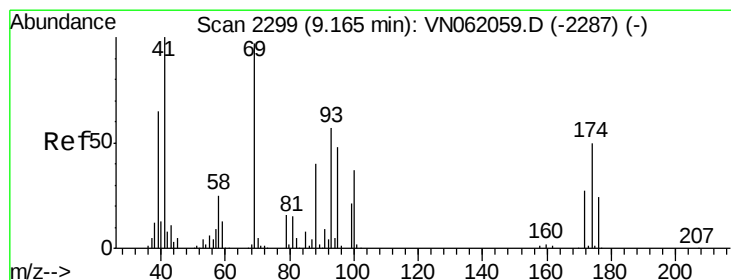
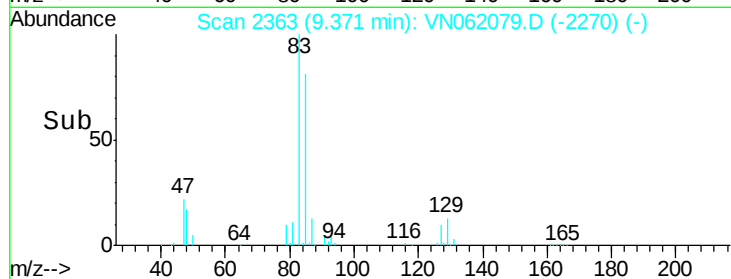
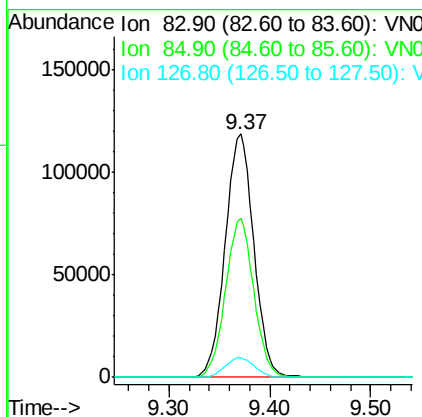
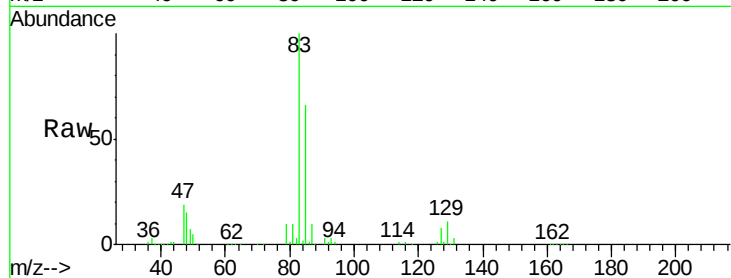
#47  
Bromodichloromethane  
Concen: 49.419 ug/l  
RT: 9.37 min Scan# 2363  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 50.3  | 75.5  |
| 127     | 8.1   | 6.9   | 10.3  |

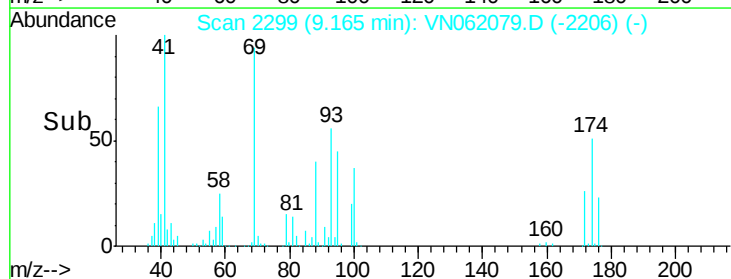
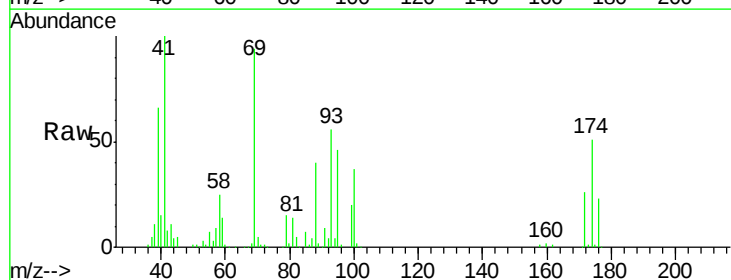
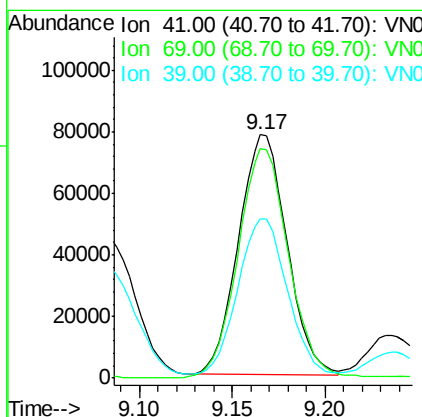
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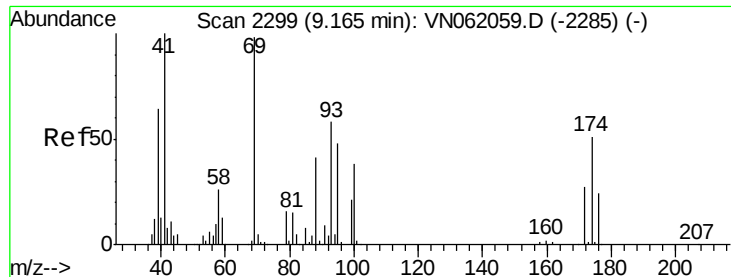
MMDadoda  
6/25/2020 6:10:42 PM



#48  
Methyl methacrylate  
Concen: 50.864 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 99.9  | 80.7  | 121.1 |
| 39      | 68.6  | 54.5  | 81.7  |





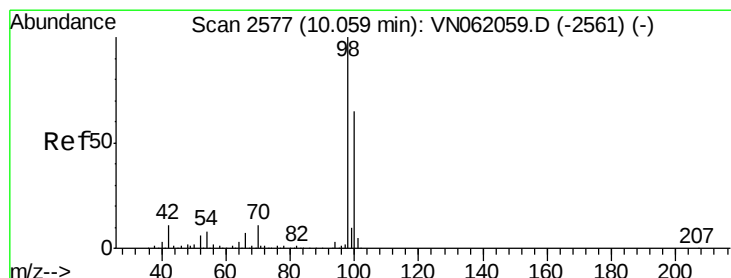
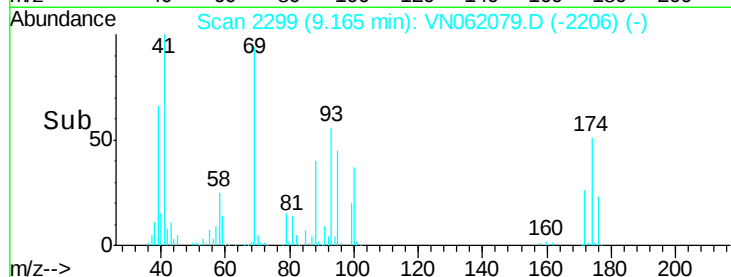
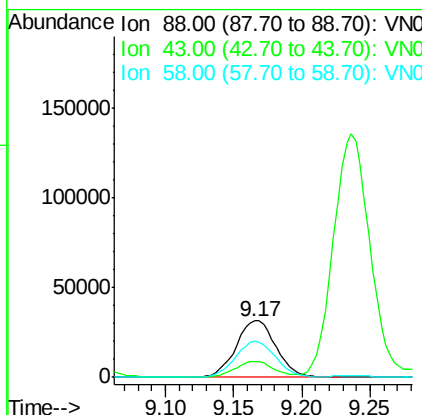
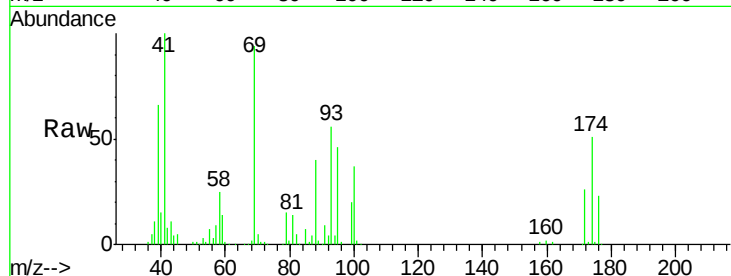
#49  
1,4-Dioxane  
Concen: 1041.369 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 26.6  | 22.0  | 33.0  |
| 58      | 63.4  | 49.2  | 73.8  |

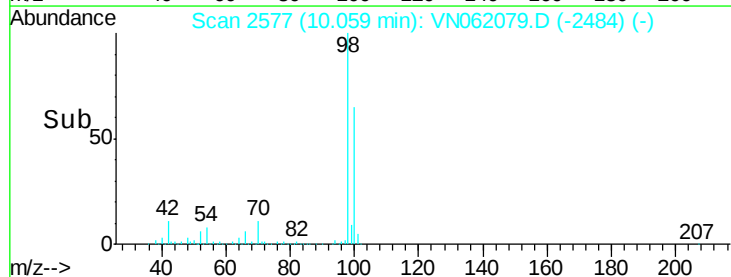
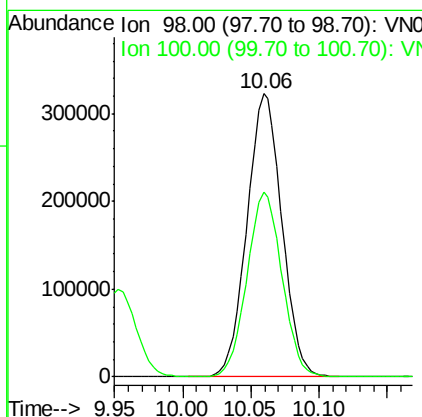
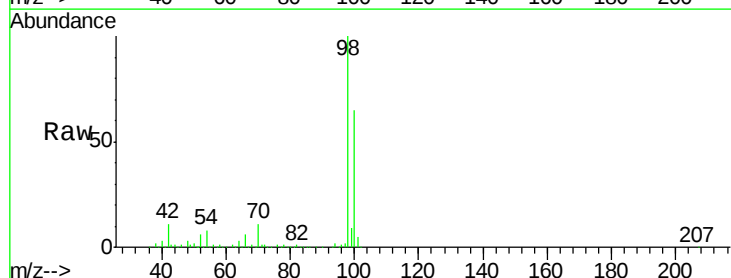
Manual Integrations  
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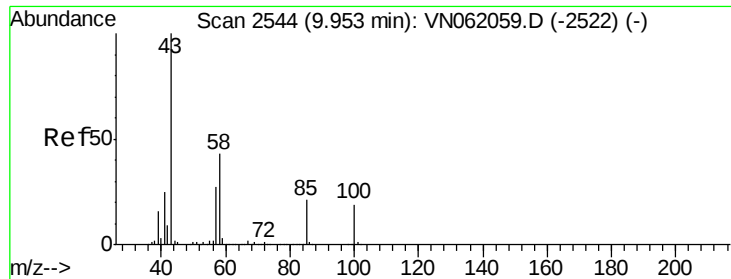
MMDadoda  
6/25/2020 6:10:42 PM



#50  
Toluene-d8  
Concen: 48.627 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.0  | 51.2  | 76.8  |





#51

4-Methyl-2-Pentanone

Concen: 260.221 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 948052

Ion Ratio Lower Upper

43 100

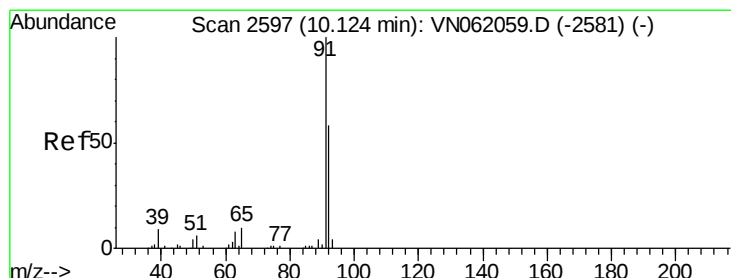
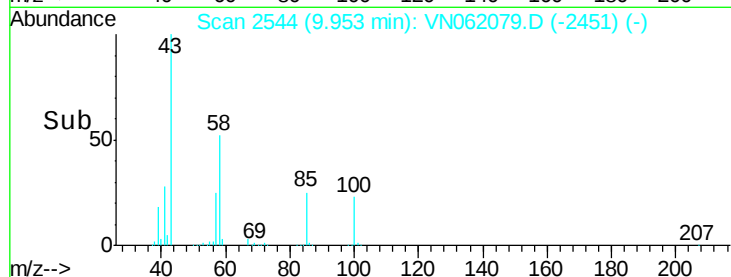
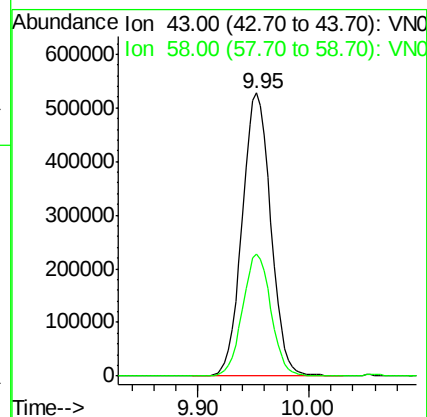
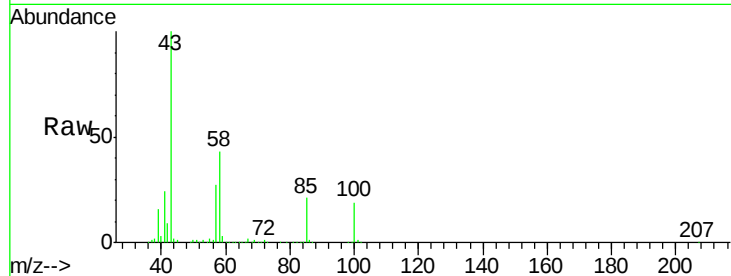
58 42.8 34.2 51.2

Manual Integrations

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#52

Toluene

Concen: 50.543 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062079.D

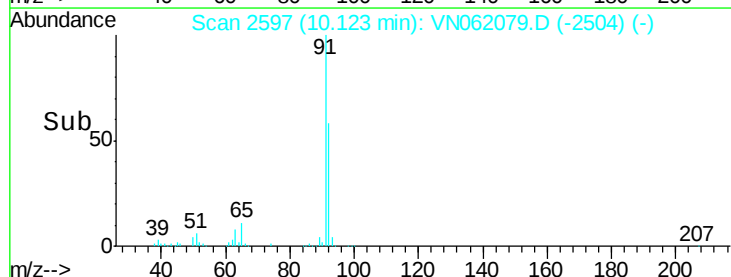
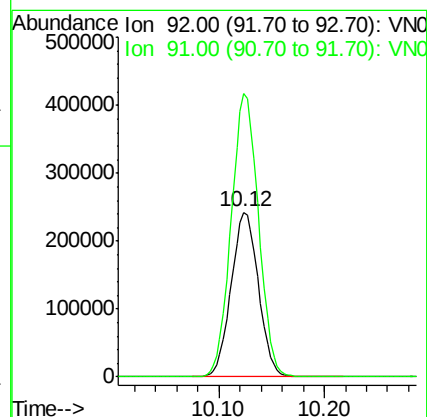
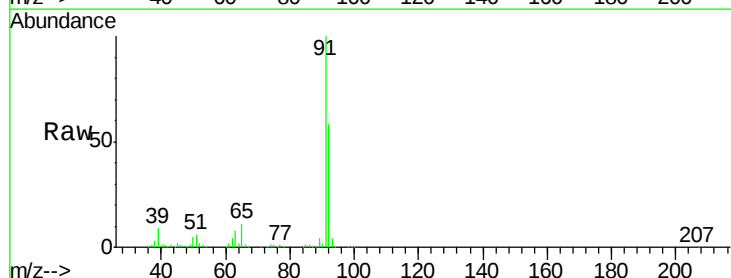
Acq: 24 Jun 2020 22:14

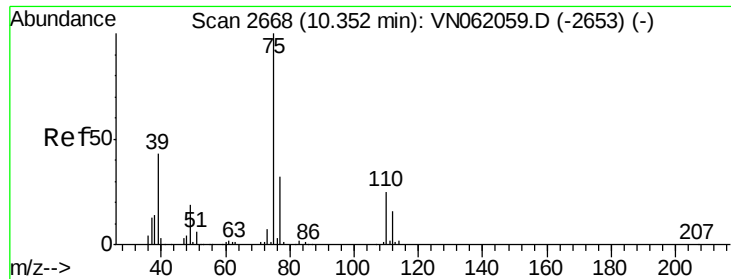
Tgt Ion: 92 Resp: 434219

Ion Ratio Lower Upper

92 100

91 172.7 137.4 206.0





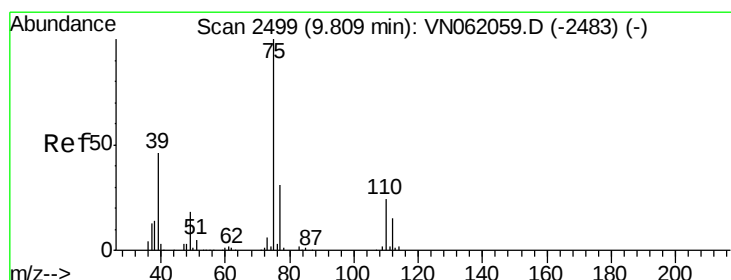
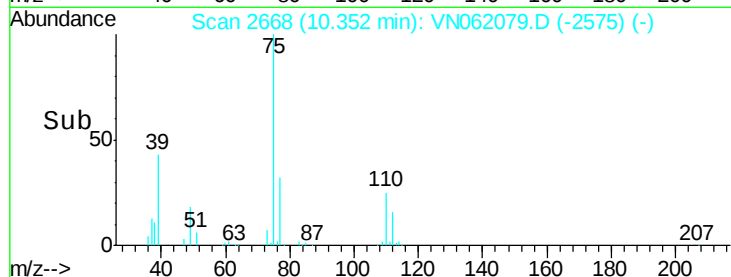
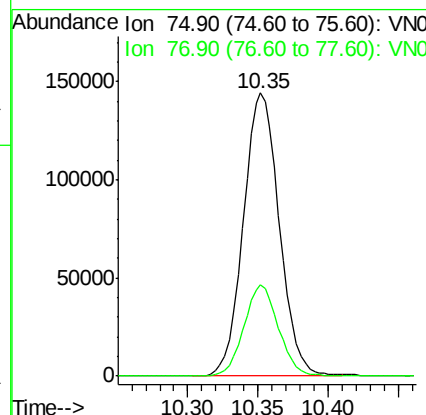
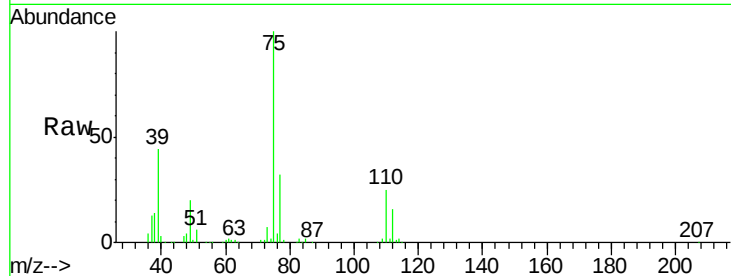
#53  
t-1,3-Dichloropropene  
Concen: 49.104 ug/l  
RT: 10.35 min Scan# 2668  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.2  | 25.5  | 38.3  |

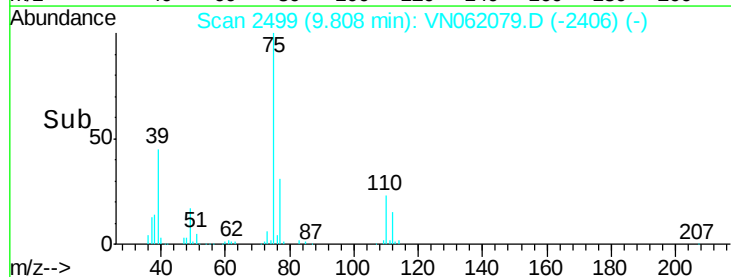
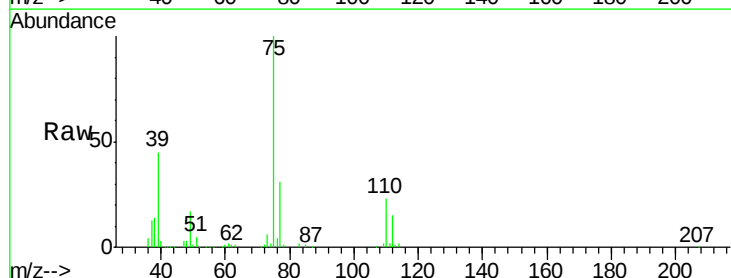
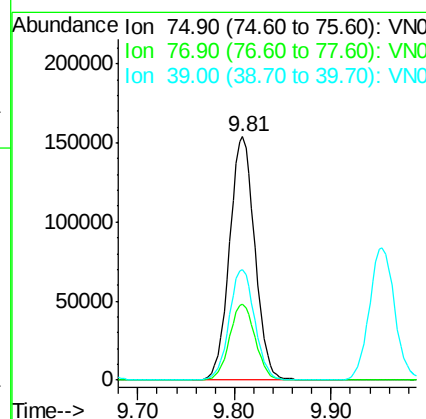
Manual Integrations  
APPROVED

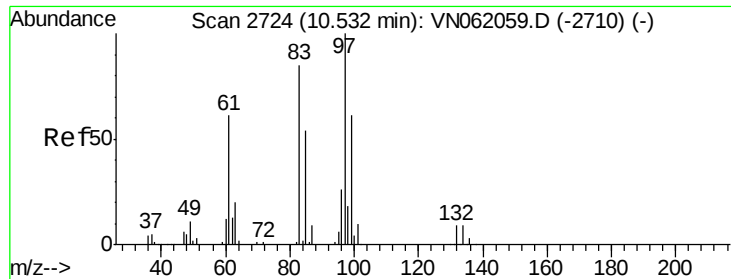
MMDadoda  
6/25/2020 6:10:42 PM



#54  
cis-1,3-Dichloropropene  
Concen: 50.351 ug/l  
RT: 9.81 min Scan# 2499  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 25.0  | 37.6  |
| 39      | 45.4  | 36.9  | 55.3  |





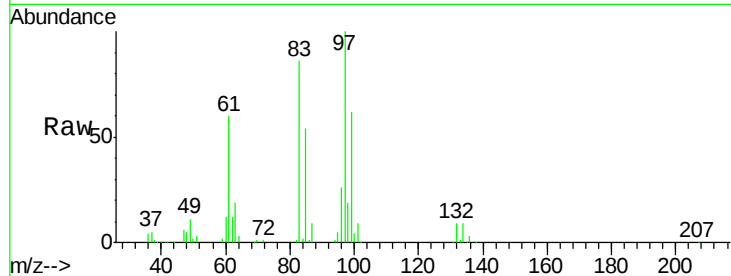
#55  
 1,1,2-Trichloroethane  
 Concen: 49.498 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

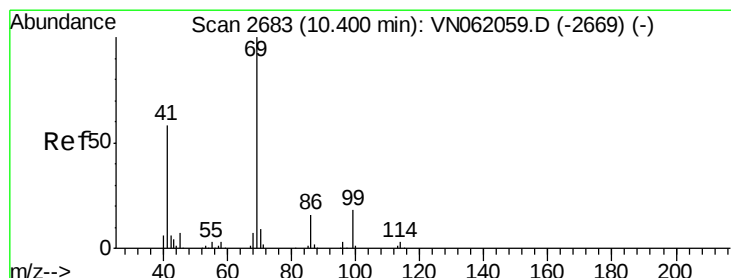
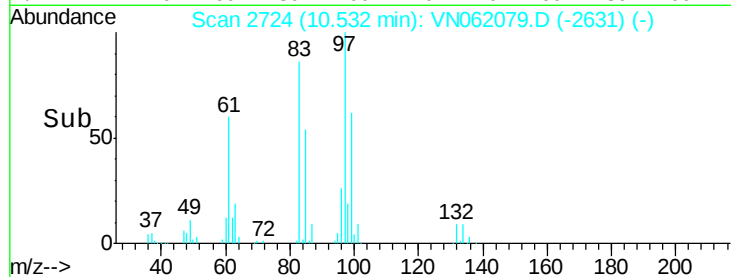
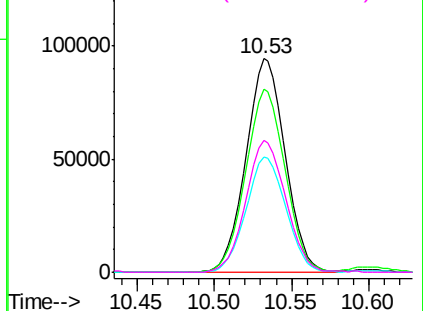
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 167157 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.8  | 68.2  | 102.2  |
| 85       | 54.2  | 43.2  | 64.8   |
| 99       | 61.8  | 48.5  | 72.7   |

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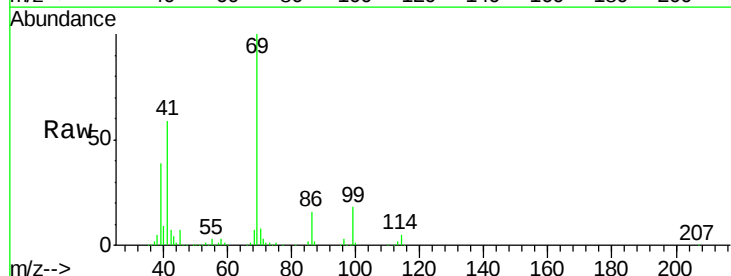


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

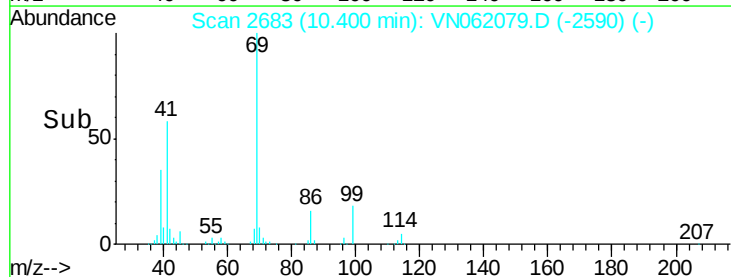
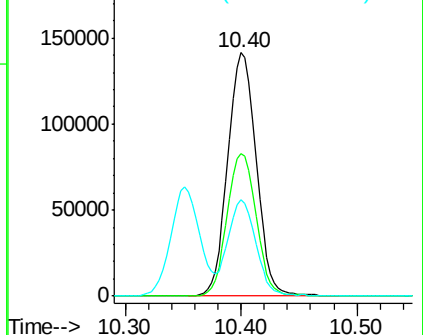


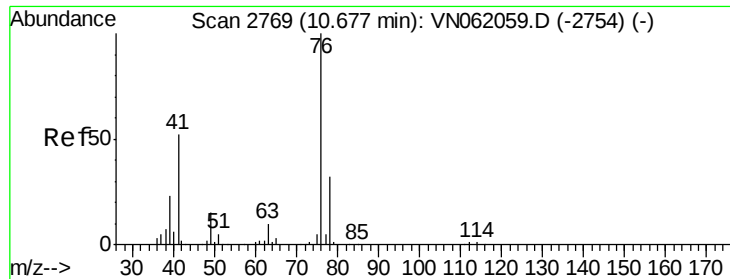
#56  
 Ethyl methacrylate  
 Concen: 53.423 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 240765 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.2  | 46.6  | 70.0   |
| 39       | 38.5  | 31.0  | 46.4   |



Abundance Ion 69.00 (68.70 to 69.70): VN0  
 Ion 41.00 (40.70 to 41.70): VN0  
 Ion 39.00 (38.70 to 39.70): VN0





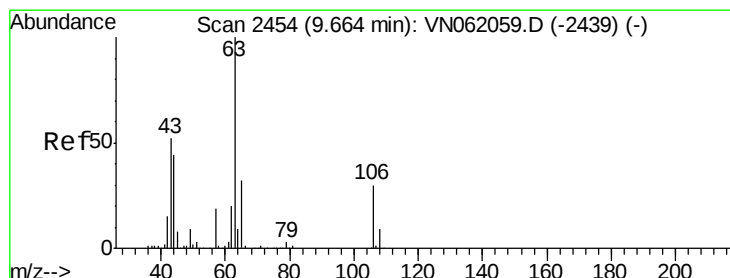
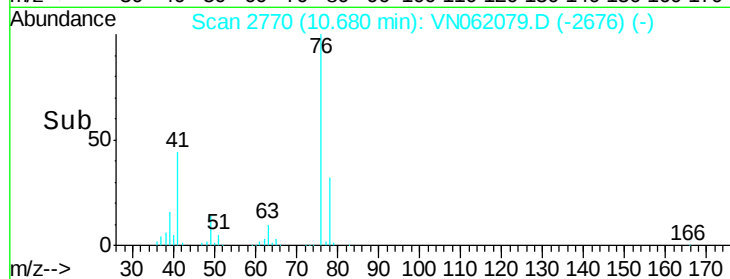
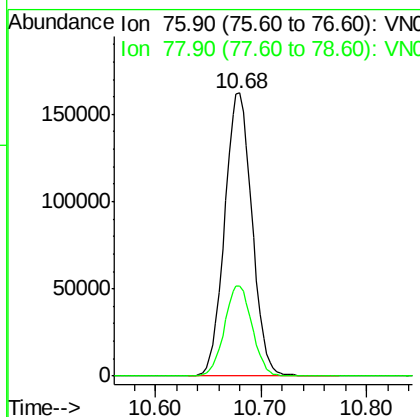
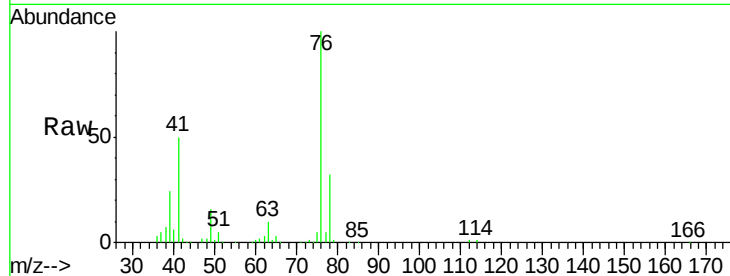
#57  
 1,3-Dichloropropane  
 Concen: 50.024 ug/l  
 RT: 10.68 min Scan# 2770  
 Delta R.T. 0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 290777  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.8 38.8

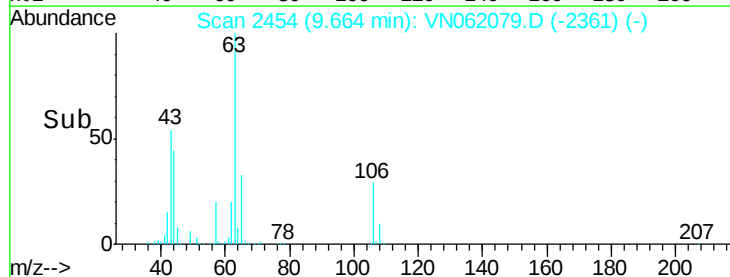
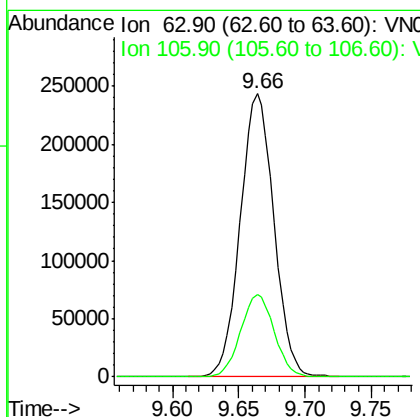
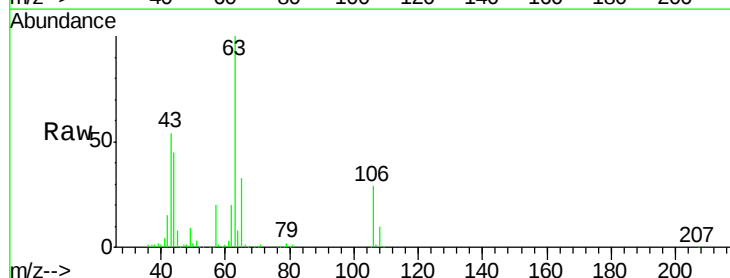
Manual Integrations  
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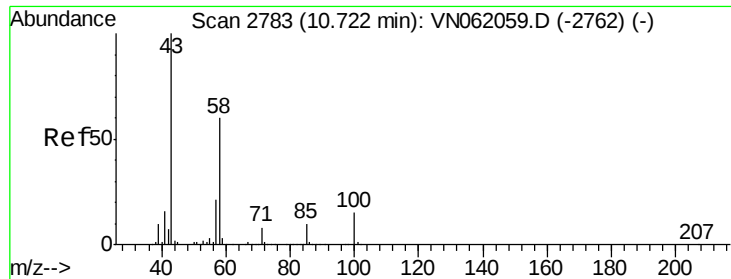
MMDadoda  
 6/25/2020 6:10:42 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 225.221 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Tgt Ion: 63 Resp: 428879  
 Ion Ratio Lower Upper  
 63 100  
 106 29.1 23.2 34.8





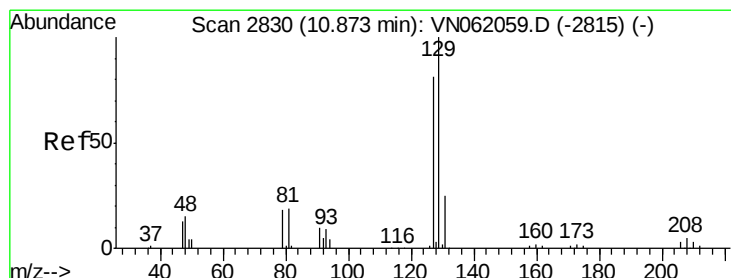
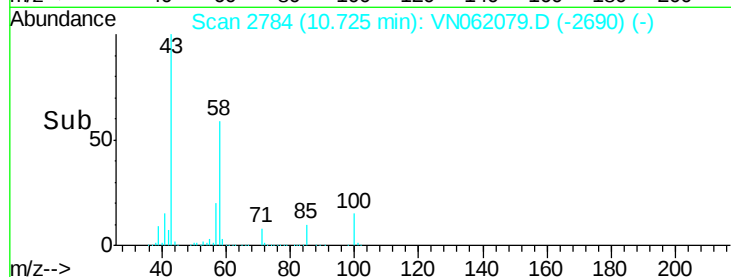
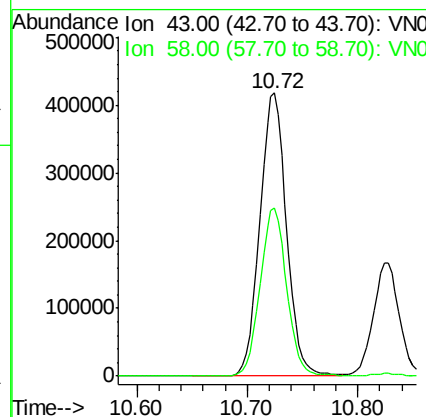
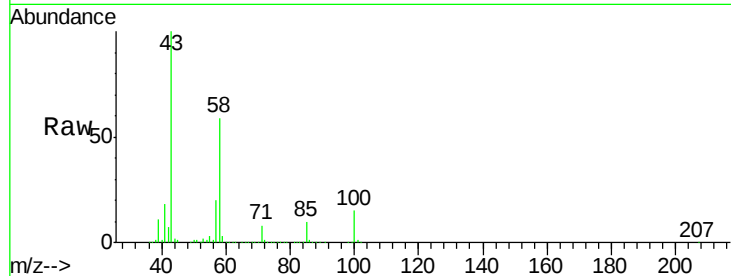
#59  
2-Hexanone  
Concen: 266.234 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43   | Resp  | 700407 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 59.3 | 29.5  | 88.5   |

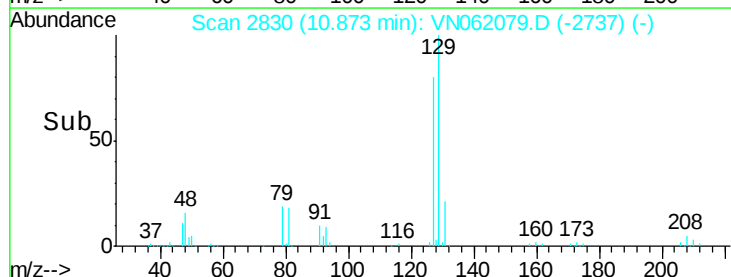
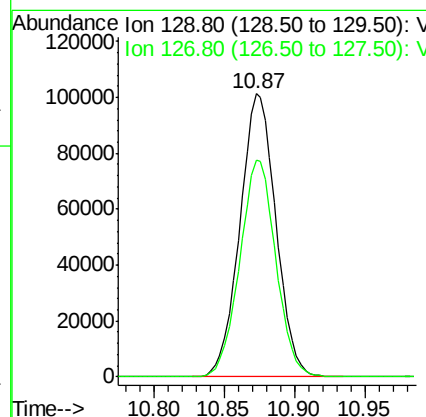
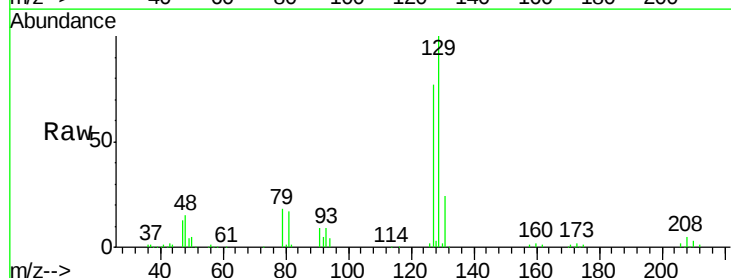
Manual Integrations  
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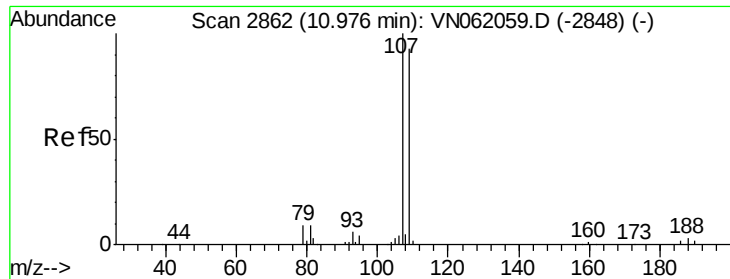
MMDadoda  
6/25/2020 6:10:42 PM



#60  
Dibromochloromethane  
Concen: 50.711 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion   | 129  | Resp  | 181309 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 129       | 100  |       |        |
| 127       | 76.7 | 39.5  | 118.5  |





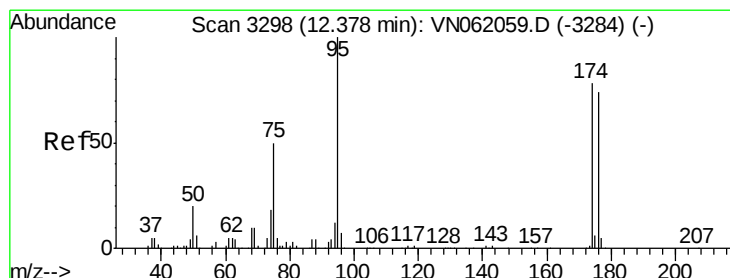
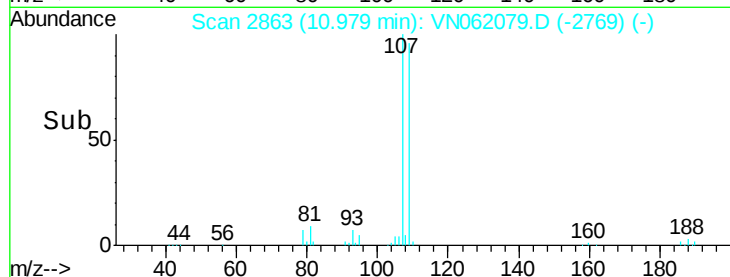
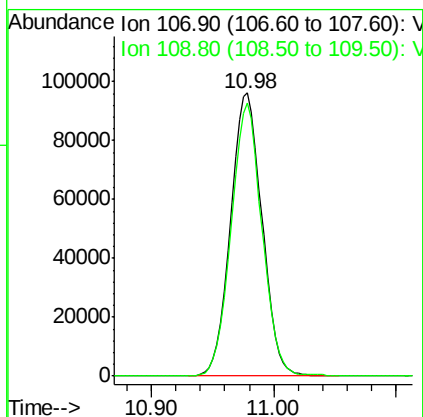
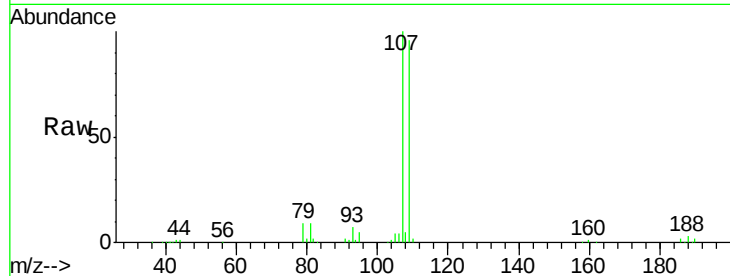
#61  
 1,2-Dibromoethane  
 Concen: 49.529 ug/l  
 RT: 10.98 min Scan# 2863  
 Delta R.T. 0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.7  | 75.0  | 112.6 |

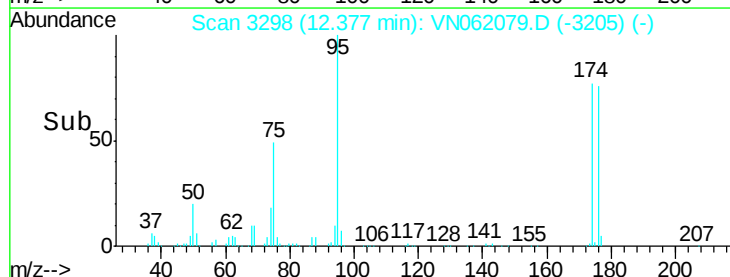
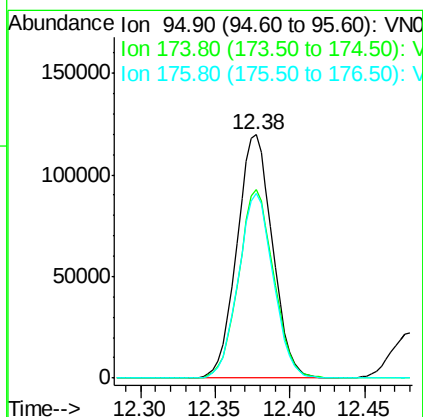
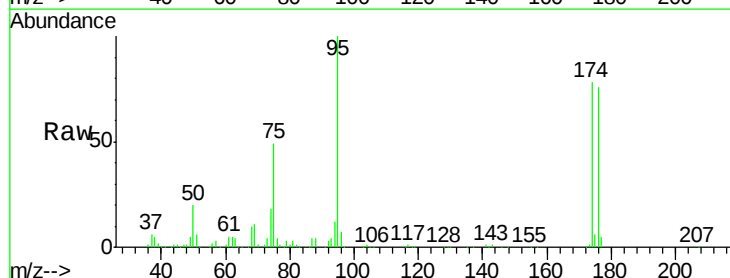
Manual Integrations  
 APPROVED

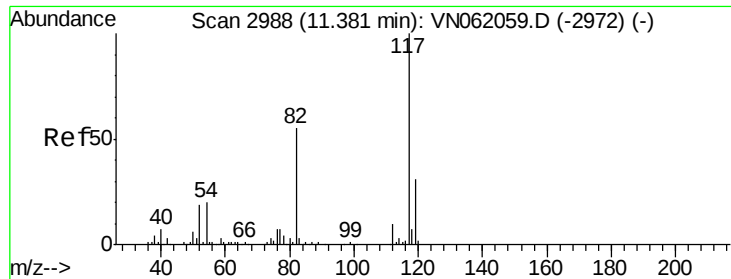
MMDadoda  
 6/25/2020 6:10:42 PM



#62  
 4-Bromofluorobenzene  
 Concen: 49.753 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 76.6  | 0.0   | 154.8 |
| 176     | 74.3  | 0.0   | 147.4 |





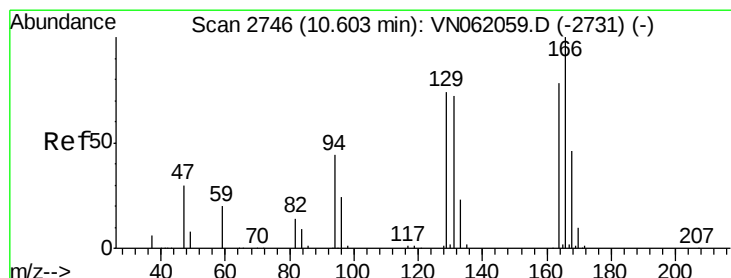
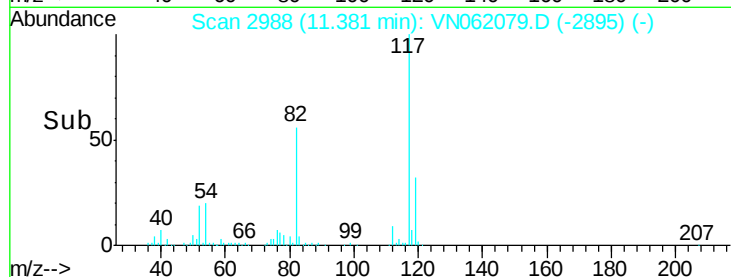
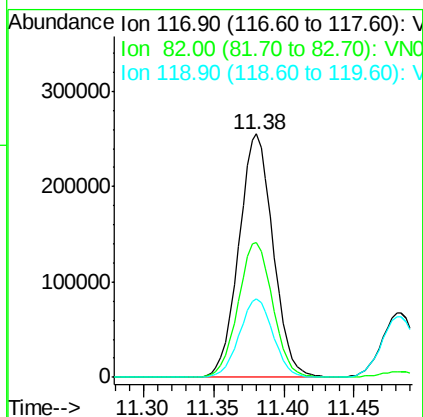
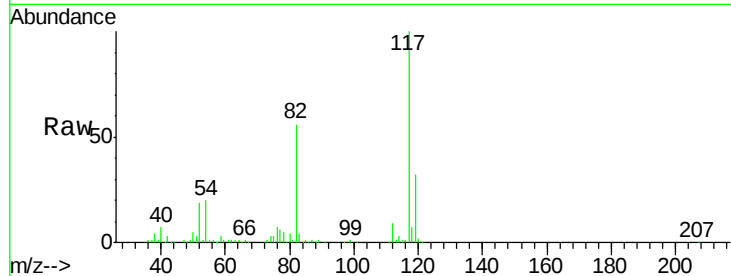
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.5  | 43.8  | 65.8  |
| 119     | 32.5  | 25.2  | 37.8  |

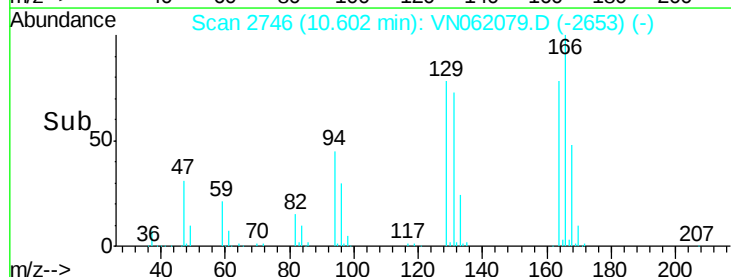
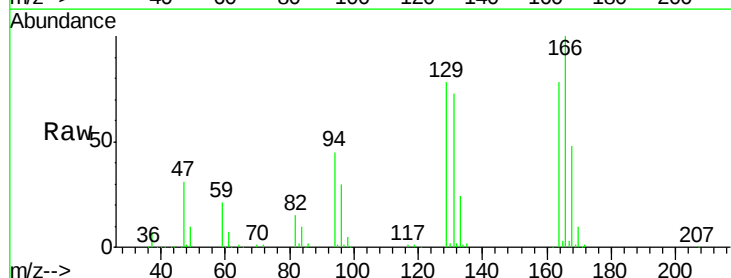
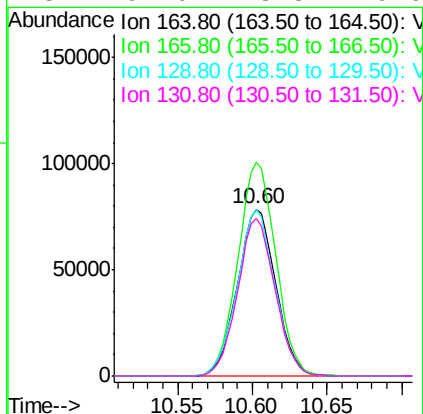
Manual Integrations  
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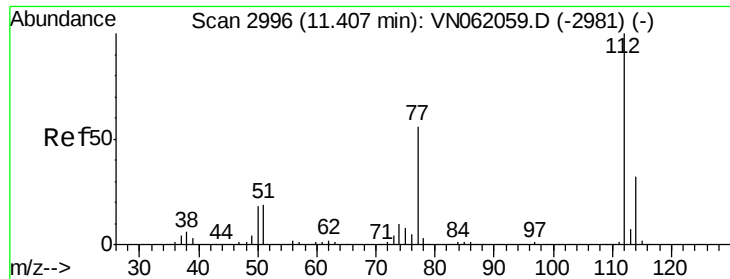
MMDadoda  
6/25/2020 6:10:42 PM



#64  
Tetrachloroethene  
Concen: 47.110 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.9 | 102.9 | 154.3 |
| 129     | 99.6  | 75.8  | 113.8 |
| 131     | 94.0  | 73.8  | 110.6 |





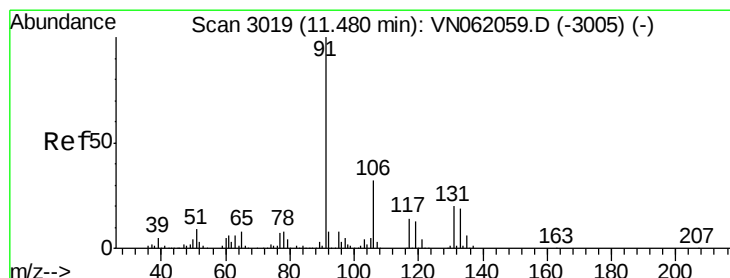
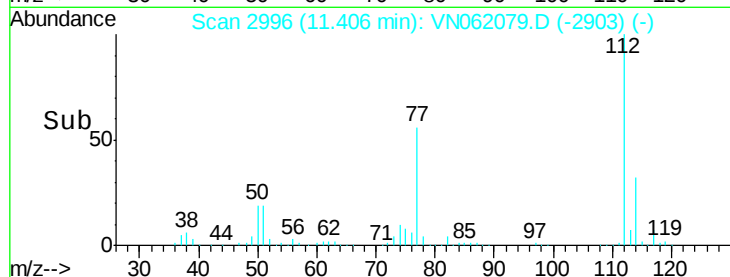
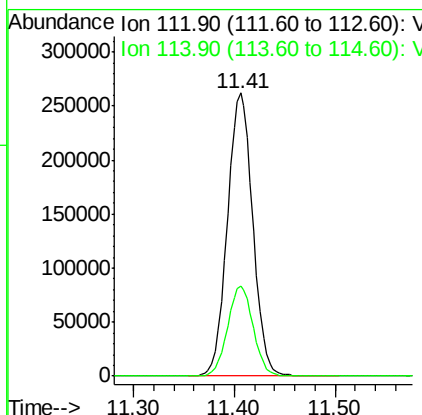
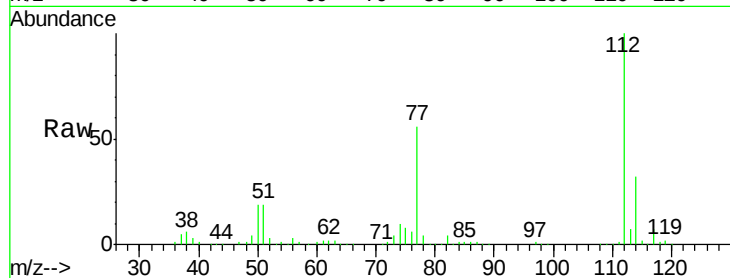
#65  
Chlorobenzene  
Concen: 48.184 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion:112 Resp: 459222  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.8

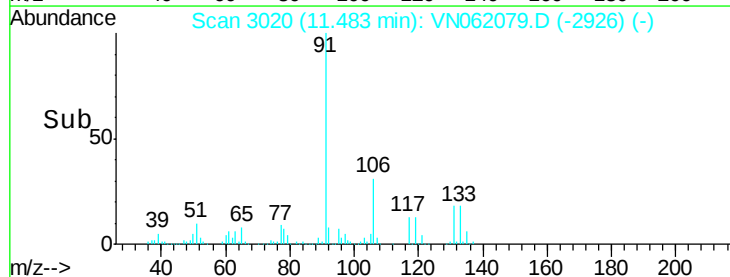
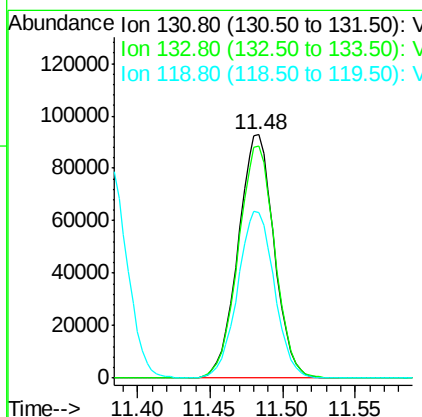
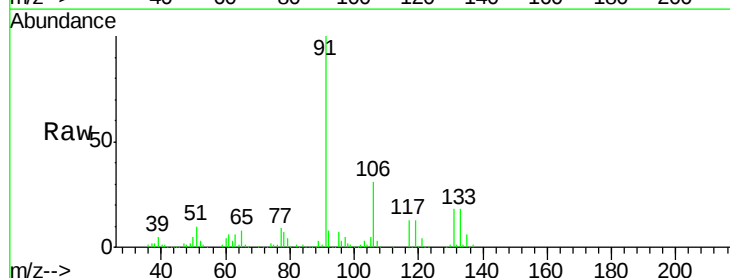
Manual Integrations  
APPROVED

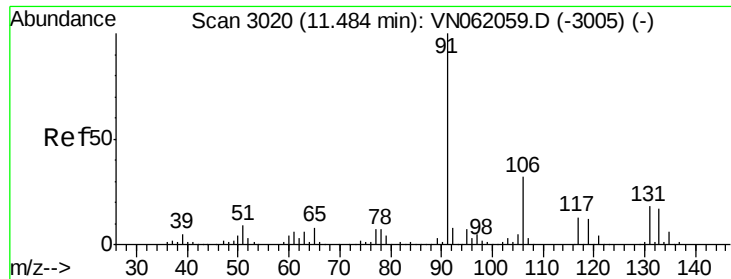
MMDadoda  
6/25/2020 6:10:42 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.464 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Tgt Ion:131 Resp: 159718  
Ion Ratio Lower Upper  
131 100  
133 97.2 47.6 142.9  
119 69.8 34.4 103.3





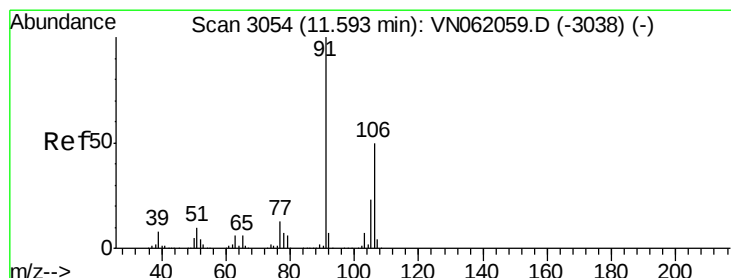
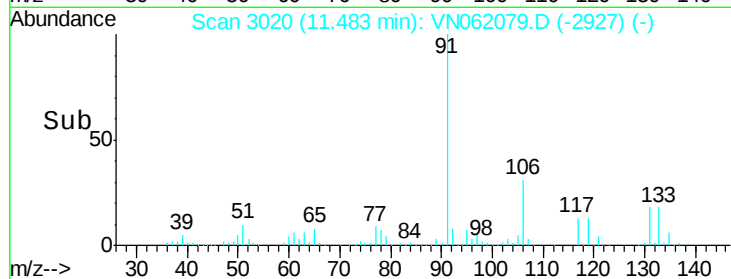
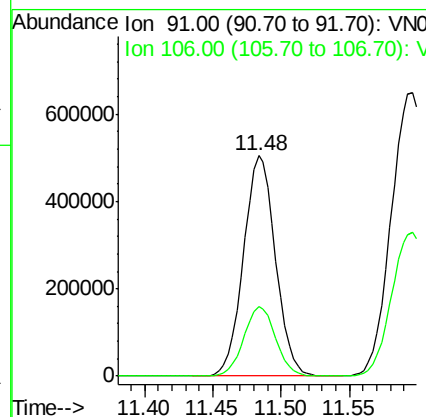
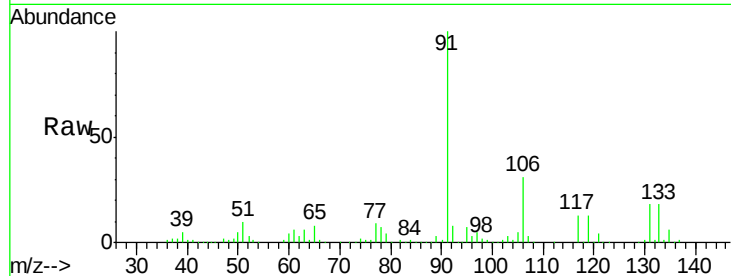
#67  
Ethyl Benzene  
Concen: 50.897 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion: 91 Resp: 819243  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.3 37.9

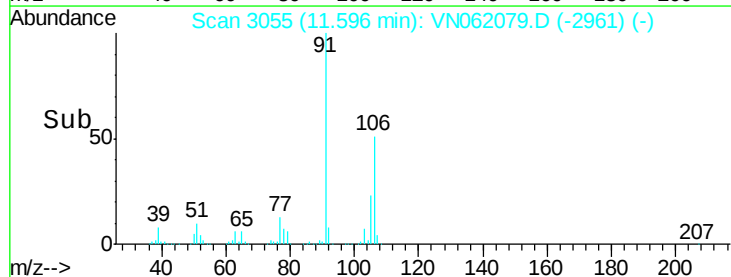
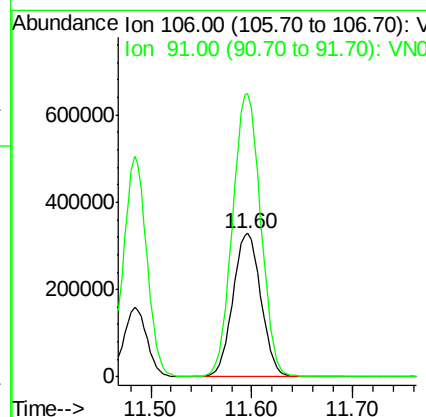
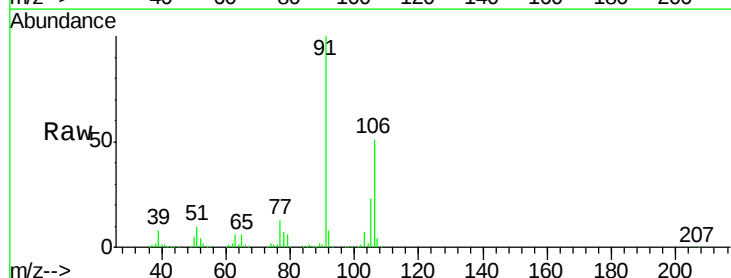
Manual Integrations  
APPROVED

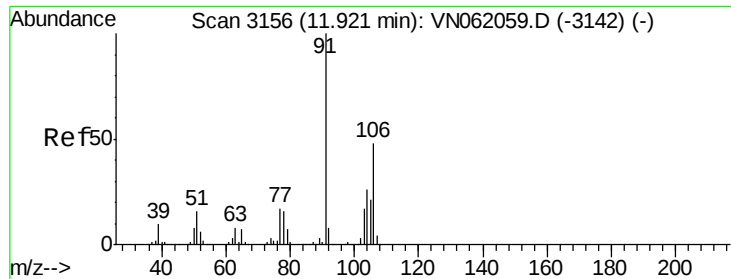
MMDadoda  
6/25/2020 6:10:42 PM



#68  
m/p-Xylenes  
Concen: 102.122 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Tgt Ion: 106 Resp: 635773  
Ion Ratio Lower Upper  
106 100  
91 198.3 157.8 236.8





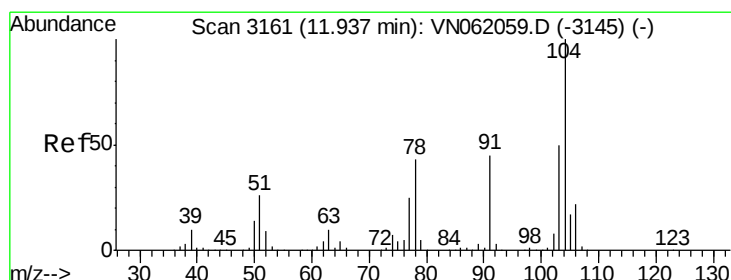
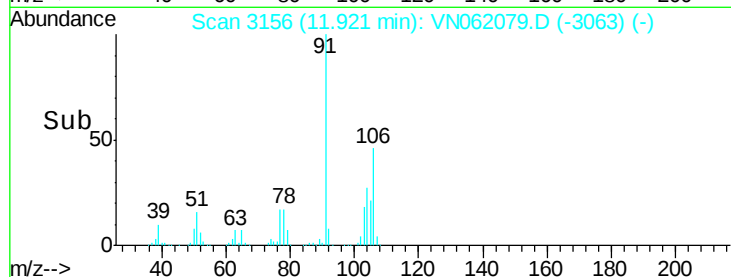
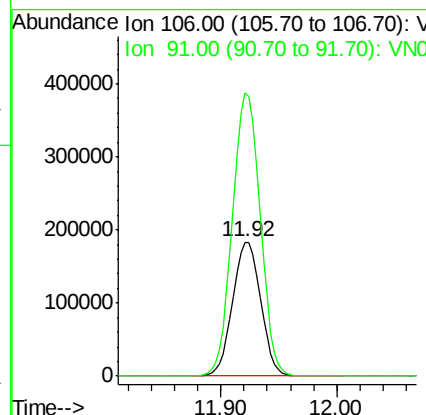
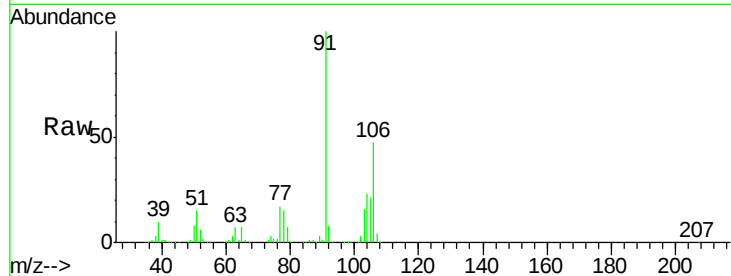
#69  
o-Xylene  
Concen: 52.046 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 209.5 | 104.0 | 311.9 |       |       |

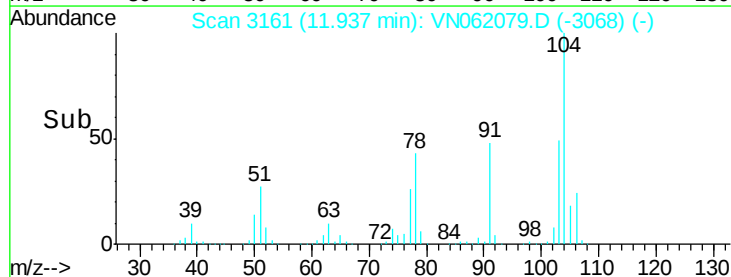
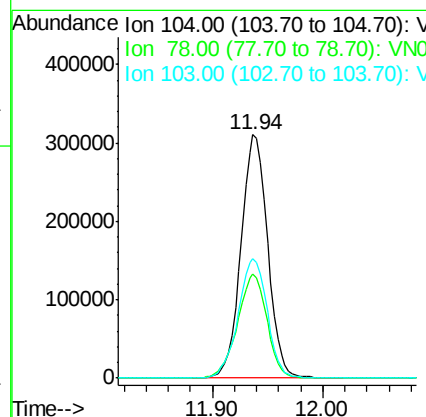
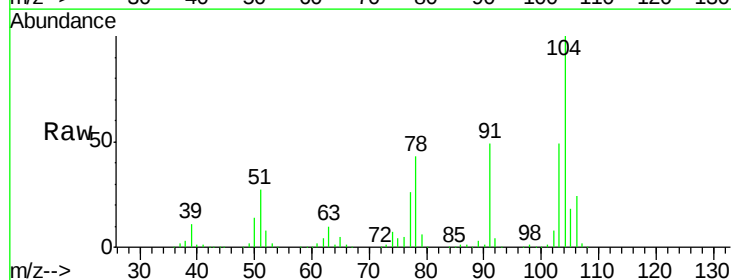
Manual Integrations  
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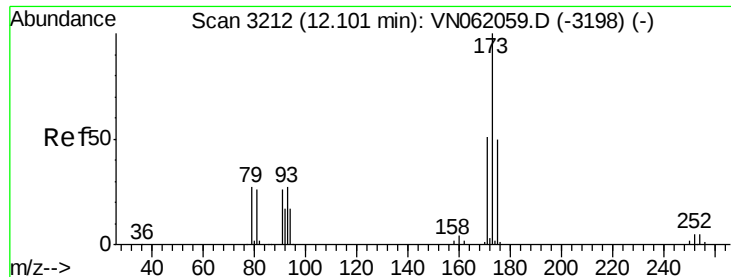
MMDadoda  
6/25/2020 6:10:42 PM



#70  
Styrene  
Concen: 53.173 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 47.0 | 37.7  | 56.5 |       |       |
| 103     | 53.5 | 43.0  | 64.6 |       |       |





#71

Bromoform

Concen: 51.735 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

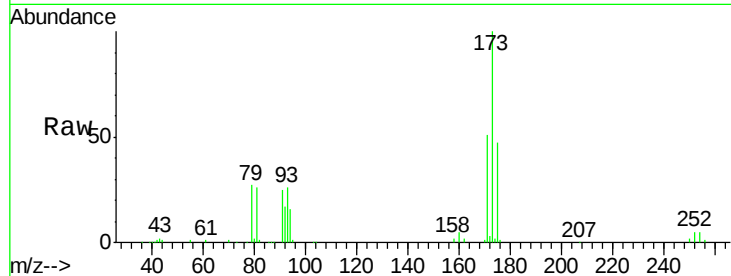
ClientSampleId :

VSTDCCC050

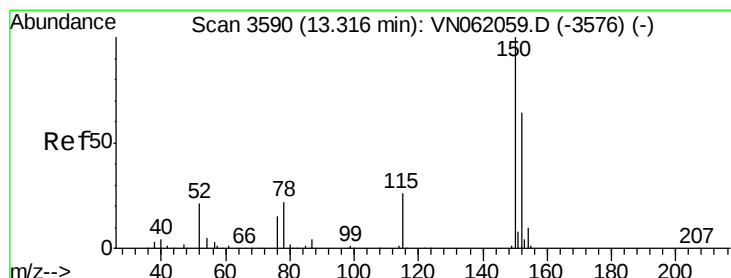
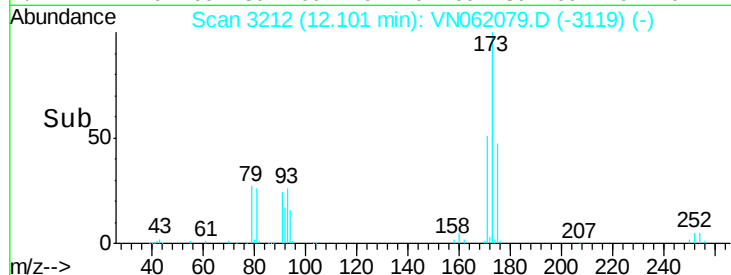
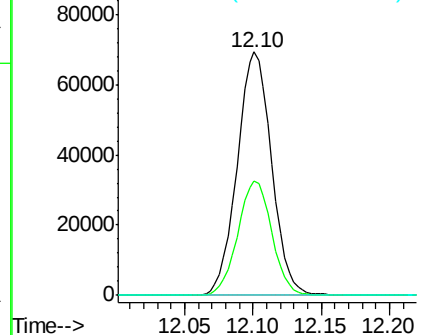
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 121223 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 46.6  | 24.7  | 74.1   |
| 254       | 0.0   | 0.0   | 0.0    |

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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

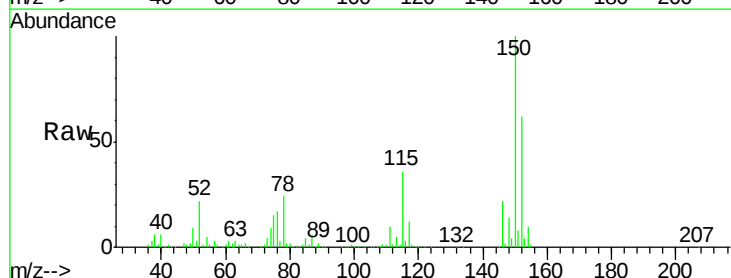
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

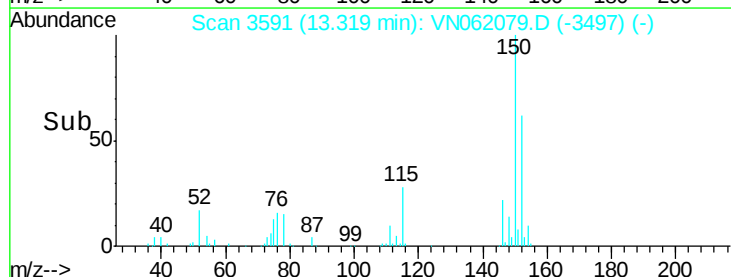
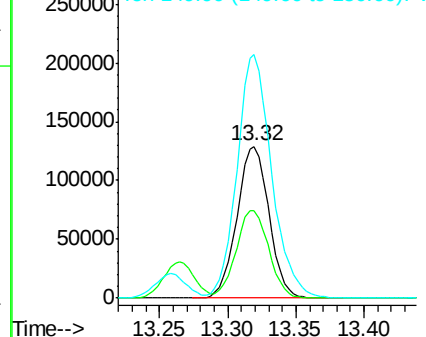
Lab File: VN062079.D

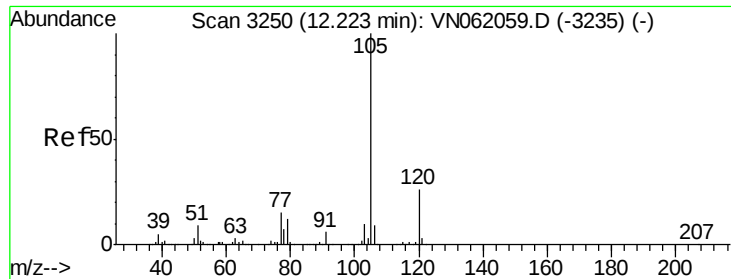
Acq: 24 Jun 2020 22:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 210118 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.8  | 29.5  | 88.5   |
| 150       | 172.7 | 0.0   | 351.4  |



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





#73

Isopropylbenzene

Concen: 49.195 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 800152

Ion Ratio Lower Upper

105 100

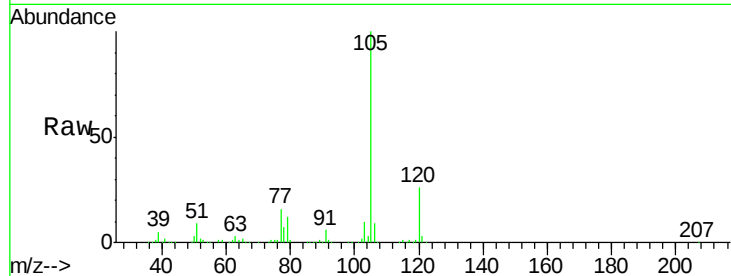
120 26.2 13.2 39.6

Manual Integrations

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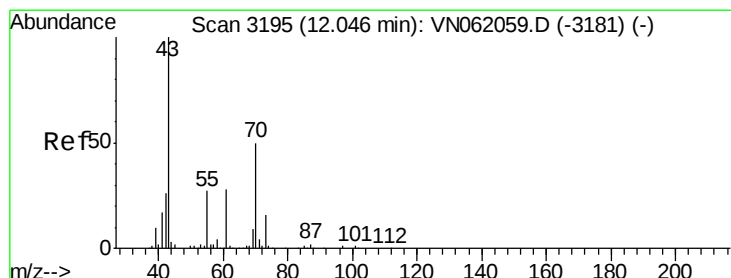
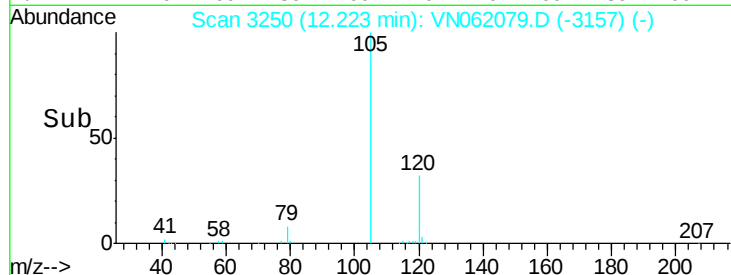
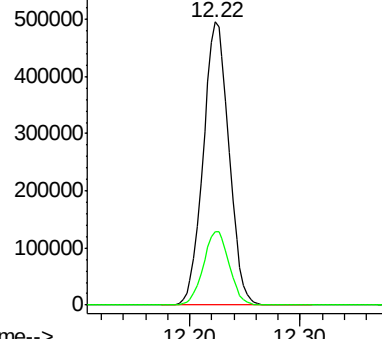
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.955 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Tgt Ion: 43 Resp: 286242

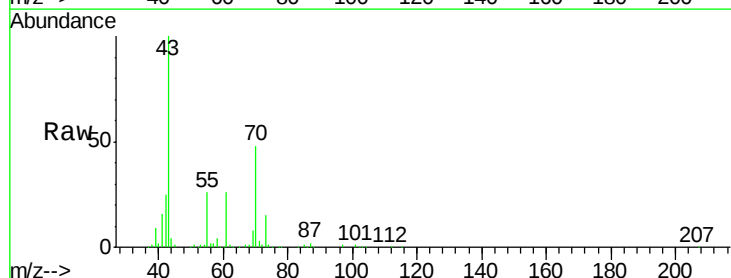
Ion Ratio Lower Upper

43 100

70 47.2 39.4 59.2

55 26.8 21.7 32.5

61 26.2 21.3 31.9

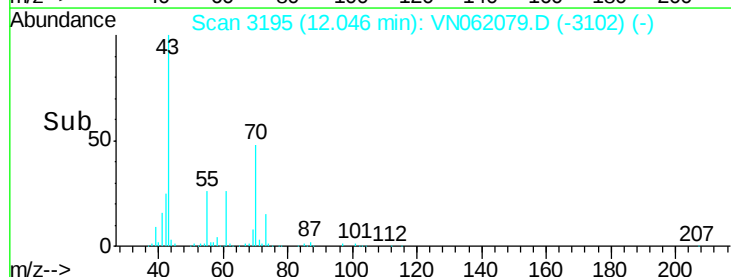
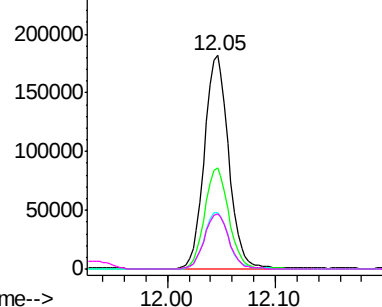


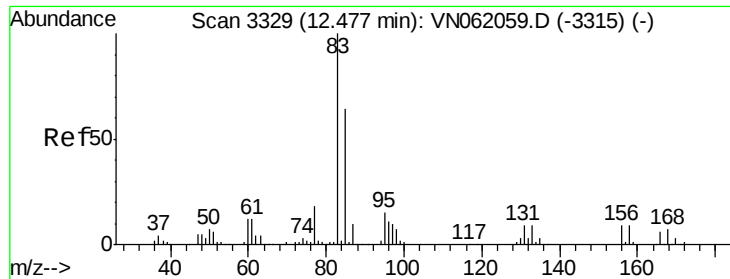
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.005 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

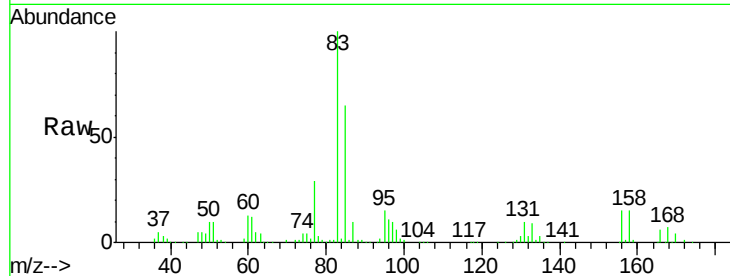
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 254415 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.4   | 4.8   | 14.4   |
| 85        | 64.4  | 32.4  | 97.0   |

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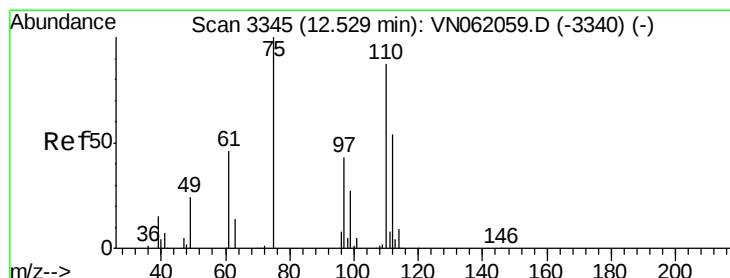
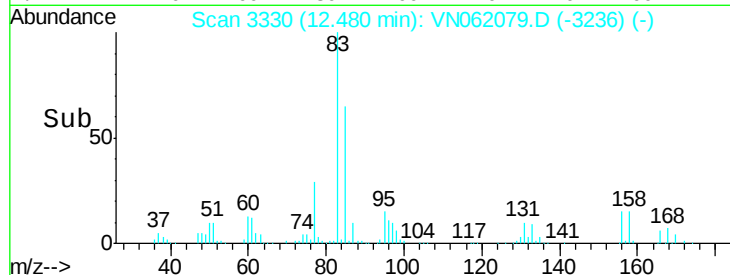
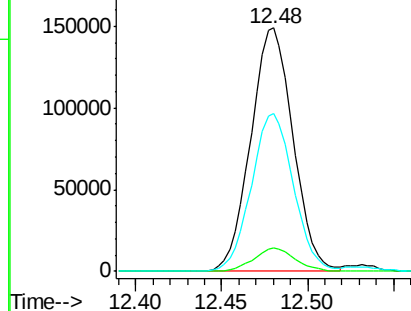
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Abundance Ion 82.90 (82.60 to 83.60): VN062079.D (-3330) (-)

Ion 130.80 (130.50 to 131.50): VN062079.D (-3330) (-)

Ion 84.90 (84.60 to 85.60): VN062079.D (-3330) (-)



#76

1,2,3-Trichloropropane

Concen: 43.261 ug/l m

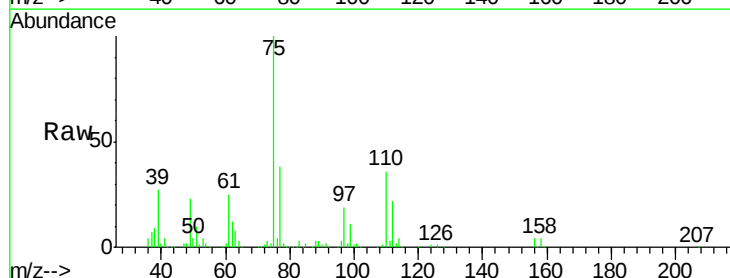
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062079.D

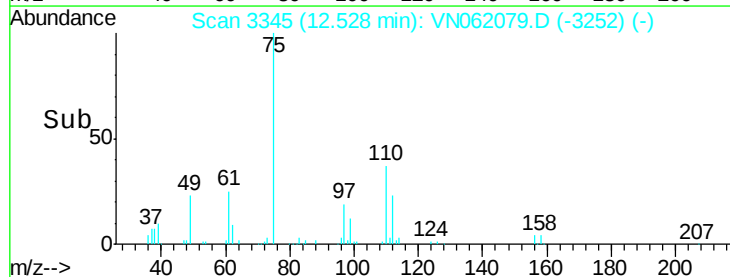
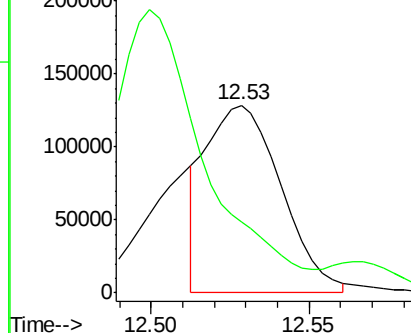
Acq: 24 Jun 2020 22:14

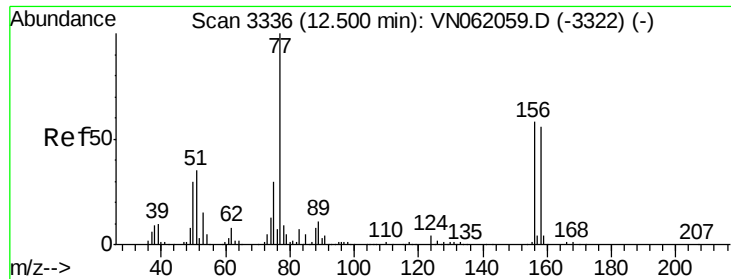
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 213982 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |



Abundance Ion 74.90 (74.60 to 75.60): VN062079.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062079.D (-3345) (-)





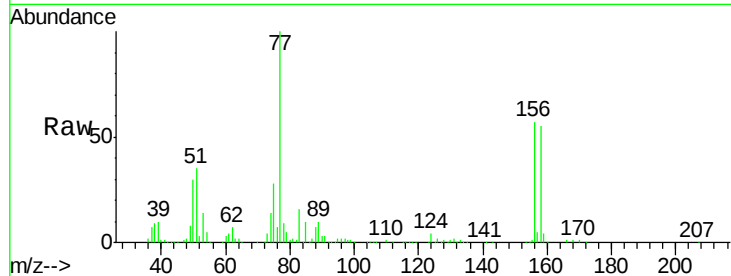
#77  
Bromobenzene  
Concen: 46.578 ug/l  
RT: 12.50 min Scan# 3336  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

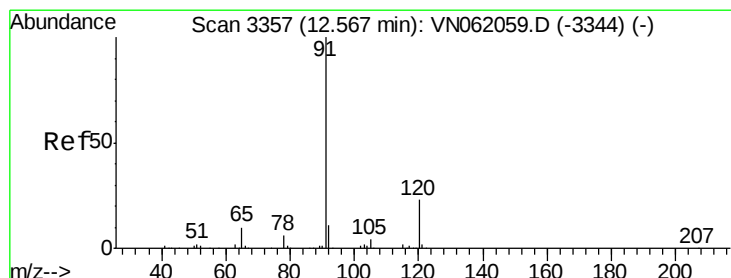
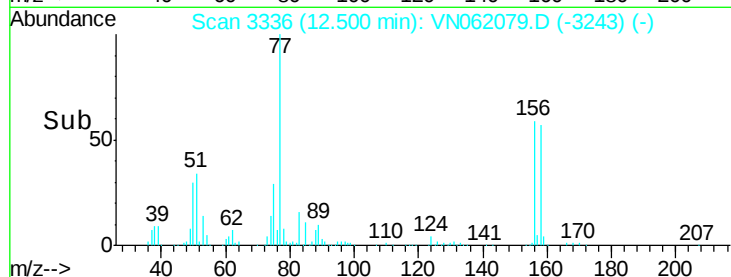
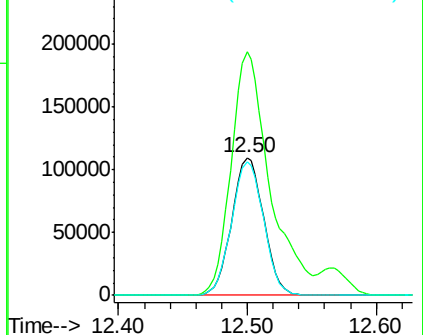
| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 214.1 | 104.6 | 313.8 |       |
| 158     | 97.8  | 48.0  | 144.0 |       |

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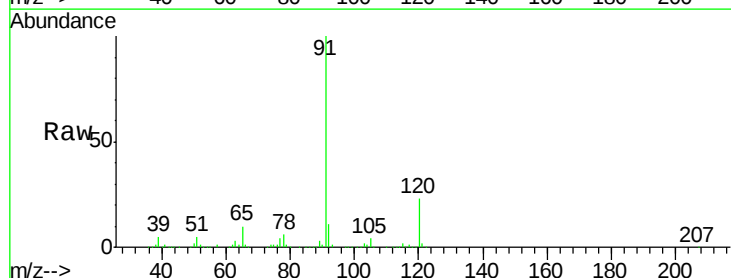


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VN  
Ion 157.80 (157.50 to 158.50): V

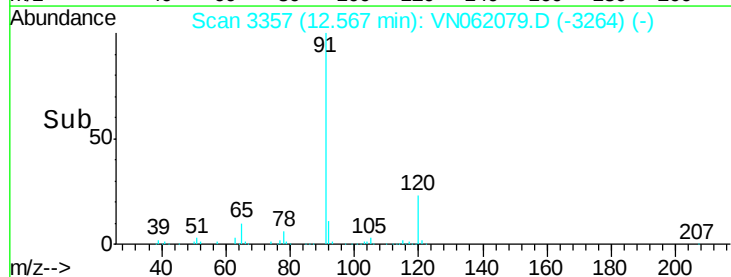
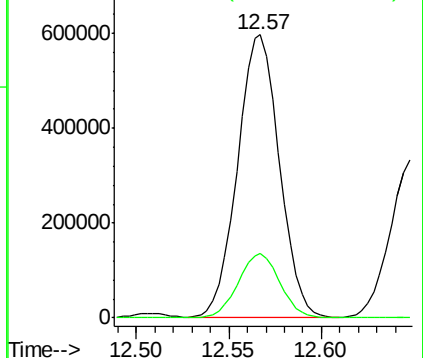


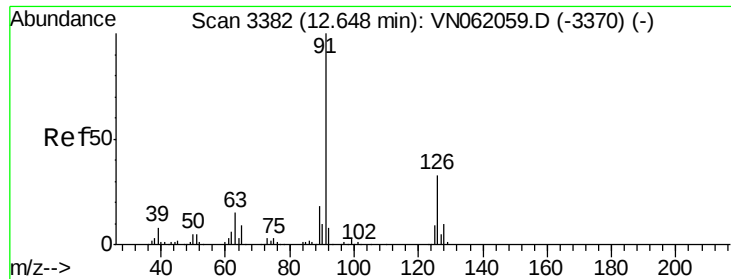
#78  
n-propylbenzene  
Concen: 49.899 ug/l  
RT: 12.57 min Scan# 3357  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 22.7 | 11.4  | 34.1  |       |



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





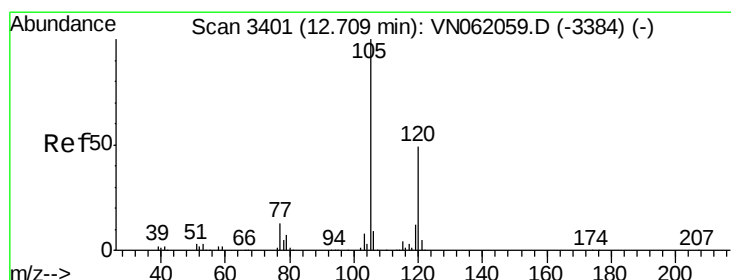
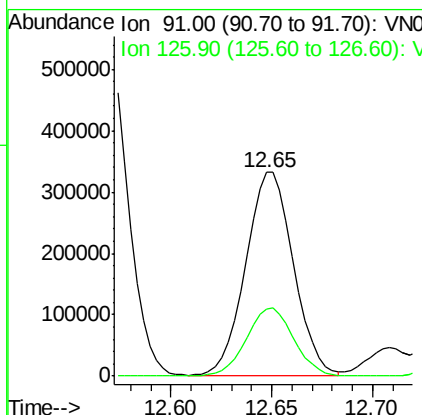
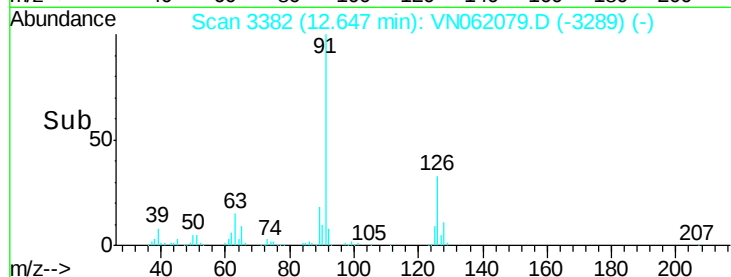
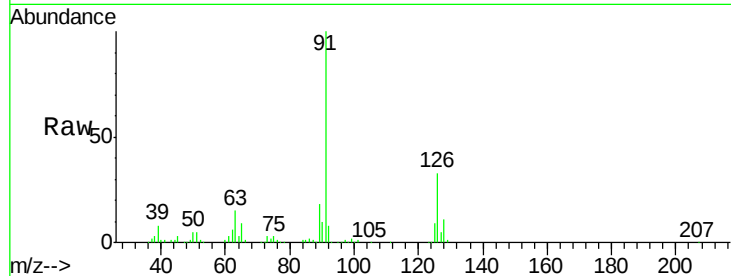
#79  
 2-Chlorotoluene  
 Concen: 48.602 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 546639  
 Ion Ratio Lower Upper  
 91 100  
 126 33.6 16.9 50.7

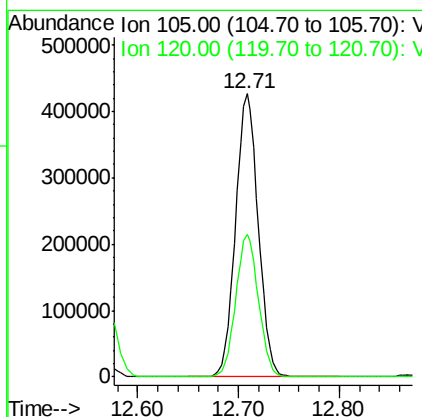
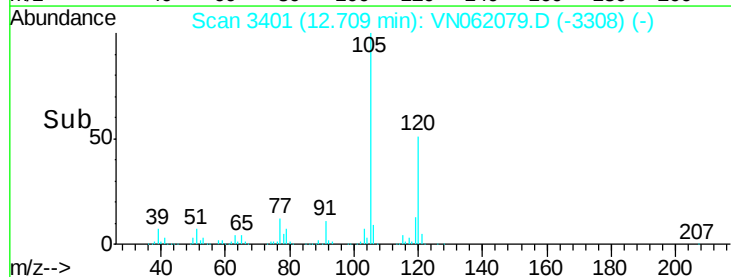
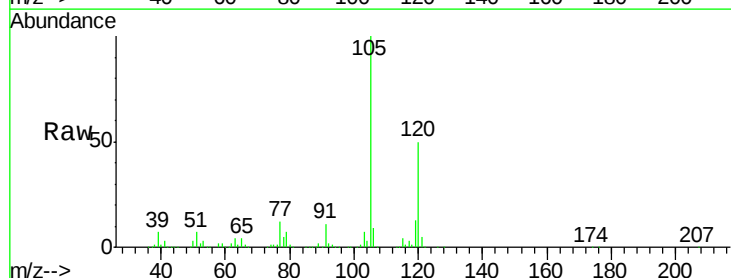
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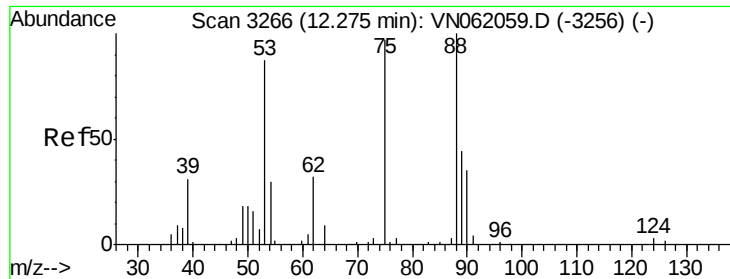
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.368 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Tgt Ion: 105 Resp: 664106  
 Ion Ratio Lower Upper  
 105 100  
 120 50.5 24.6 74.0





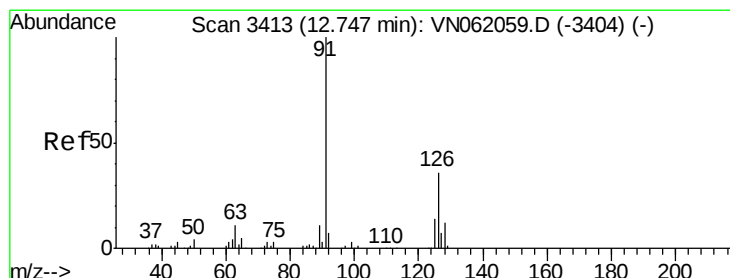
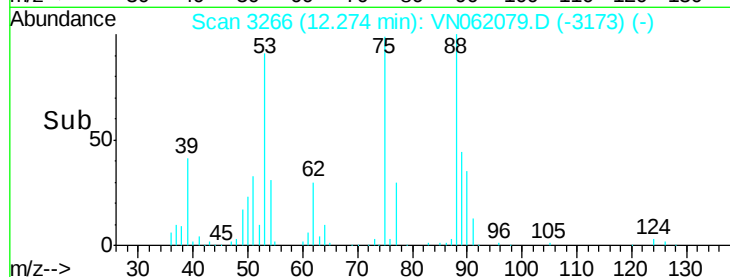
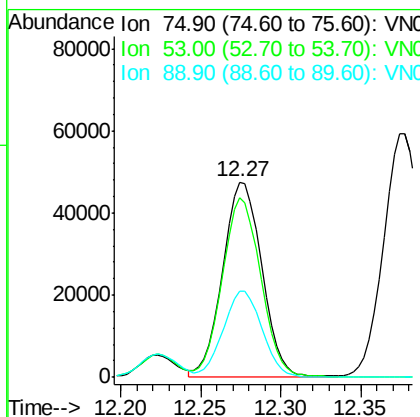
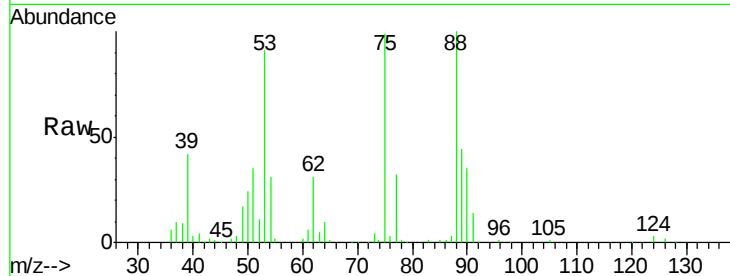
#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.302 ug/l  
RT: 12.27 min Scan# 3266  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 90.0  | 72.0  | 108.0 |
| 89      | 43.6  | 36.9  | 55.3  |

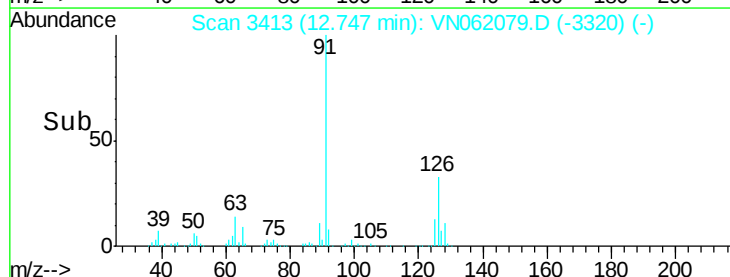
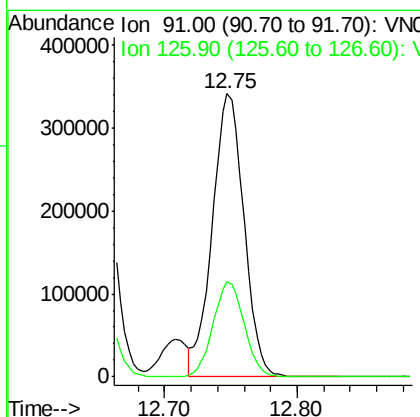
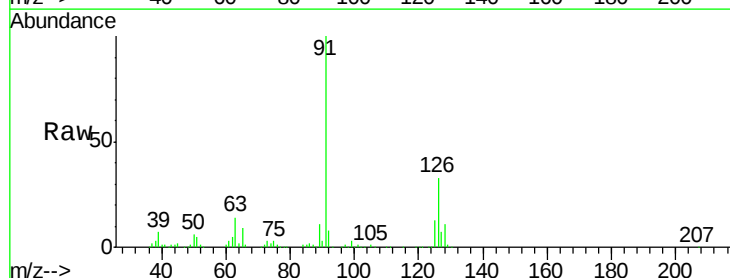
Manual Integrations  
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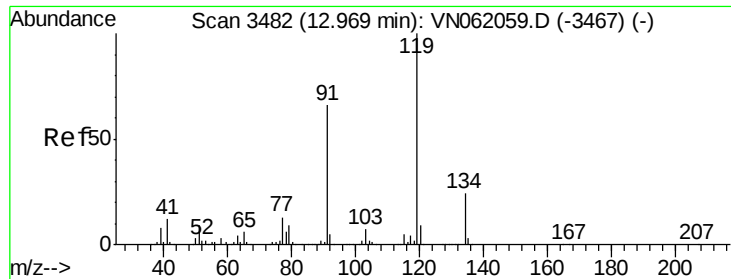
MMDadoda  
6/25/2020 6:10:42 PM



#82  
4-Chlorotoluene  
Concen: 48.426 ug/l  
RT: 12.75 min Scan# 3413  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.1  | 16.7  | 50.1  |





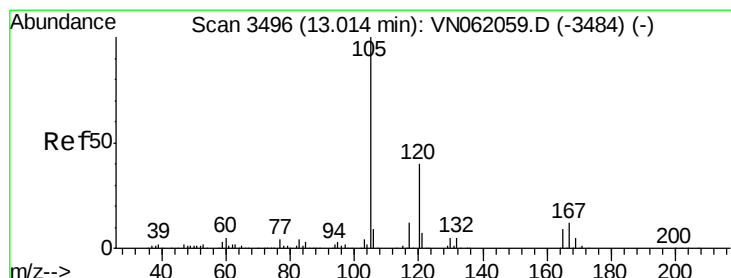
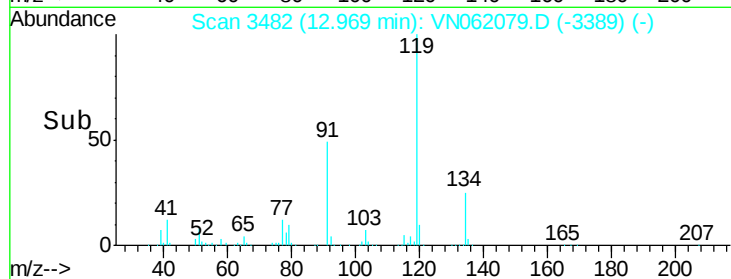
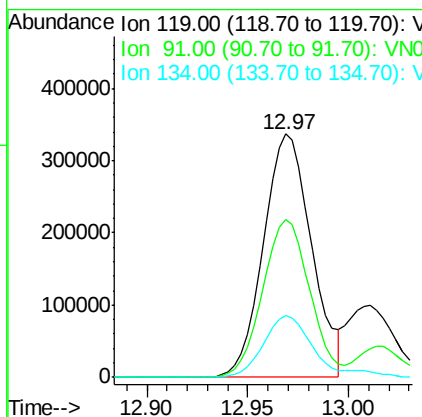
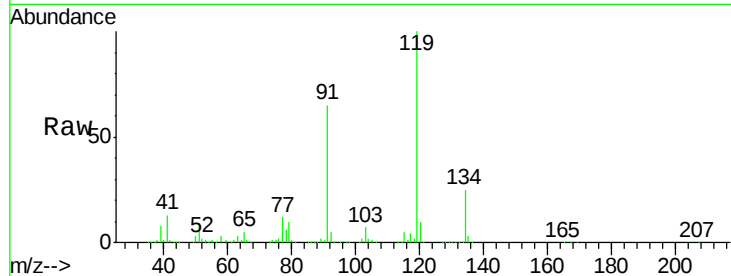
#83  
 tert-Butylbenzene  
 Concen: 49.509 ug/l  
 RT: 12.97 min Scan# 3482  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.5  | 31.7  | 95.1  |
| 134     | 25.1  | 13.1  | 39.1  |

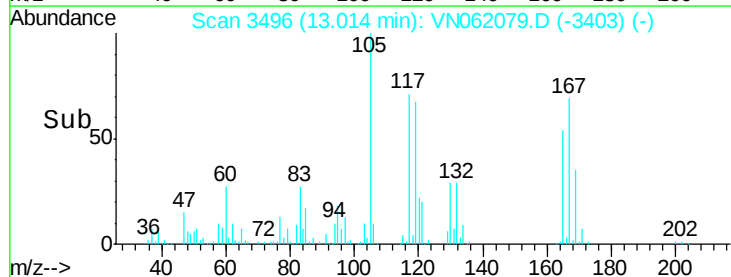
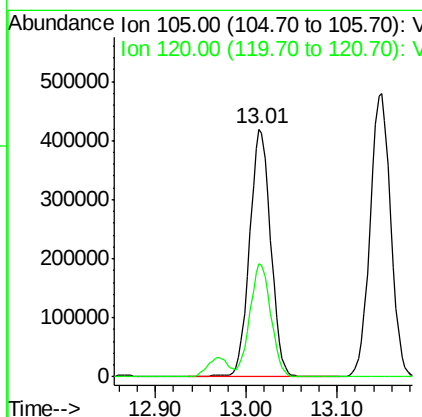
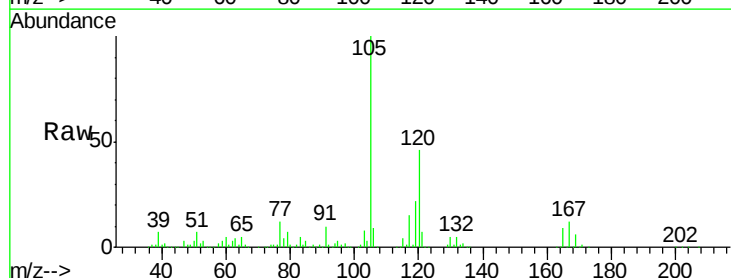
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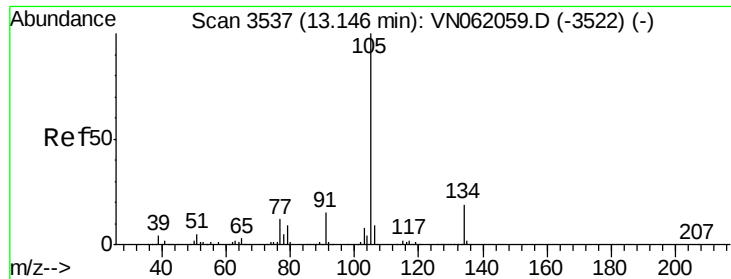
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.273 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.3  | 23.2  | 69.5  |





#85

sec-Butylbenzene

Concen: 50.314 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 750190

Ion Ratio Lower Upper

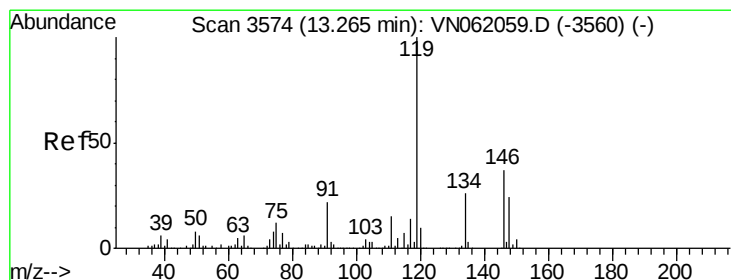
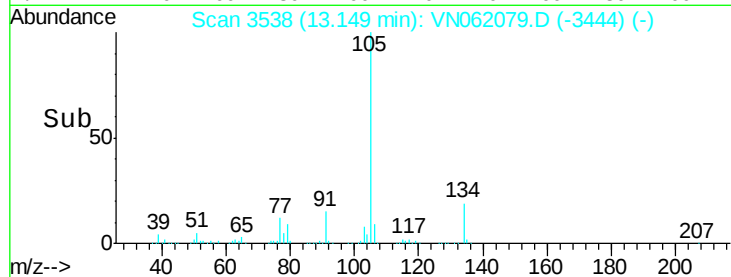
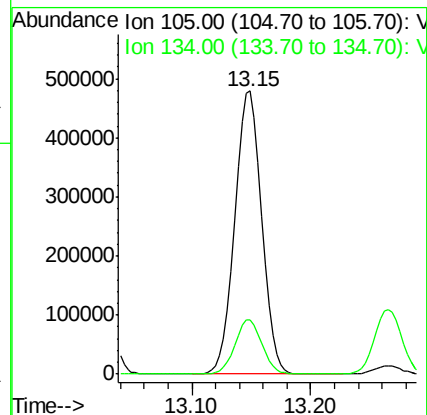
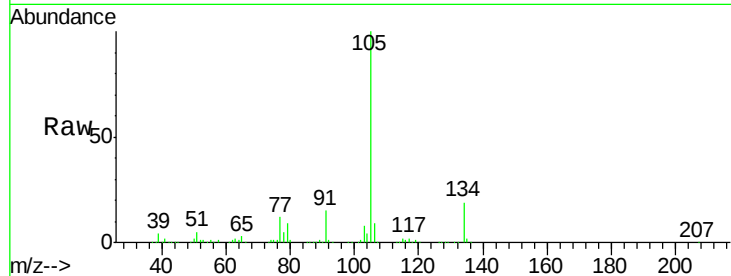
105 100

134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 50.737 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

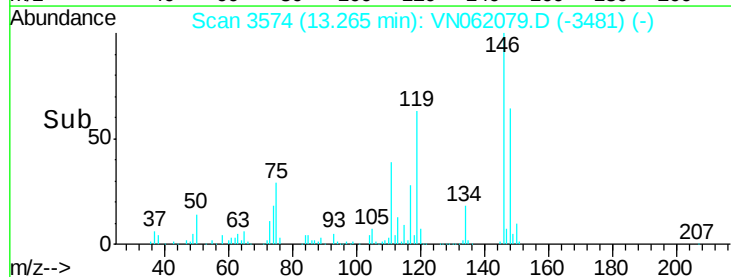
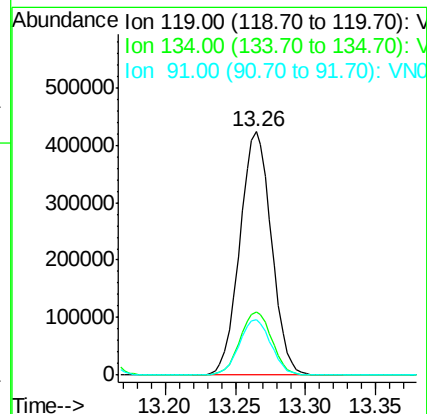
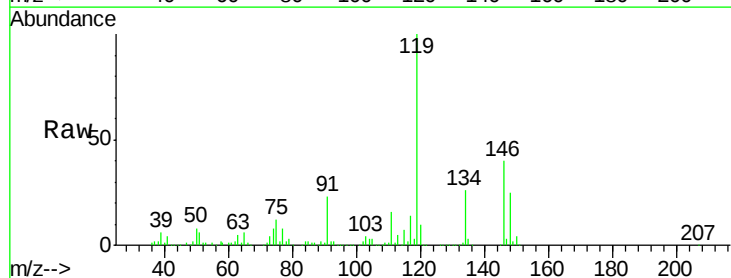
Tgt Ion:119 Resp: 662781

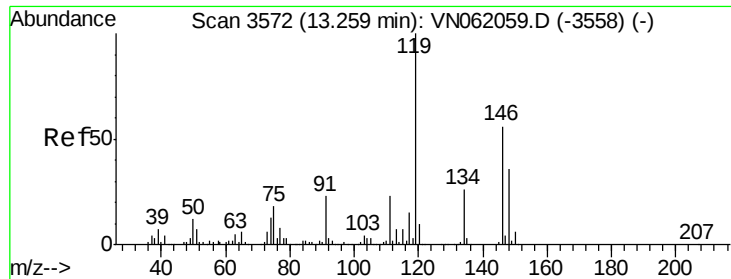
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 22.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.046 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062079.D

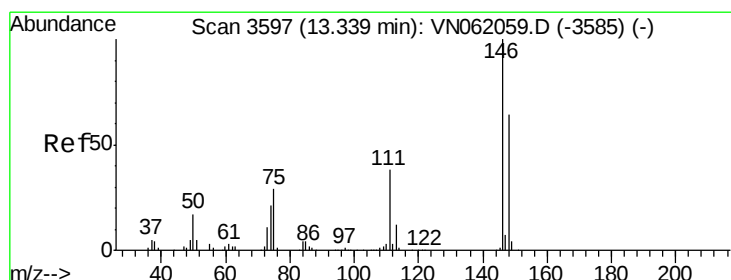
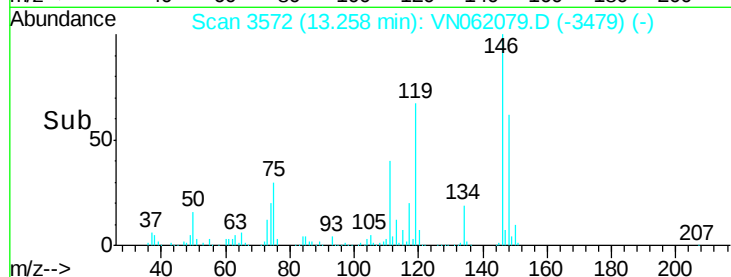
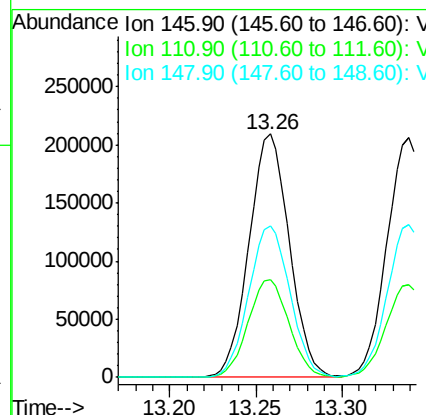
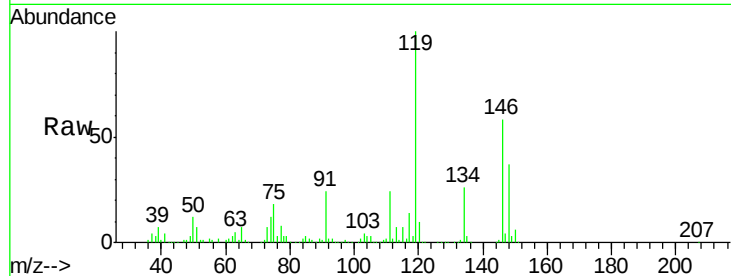
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.8  | 20.3  | 61.0  |
| 148     | 63.7  | 31.8  | 95.3  |

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#88

1,4-Dichlorobenzene

Concen: 46.742 ug/l

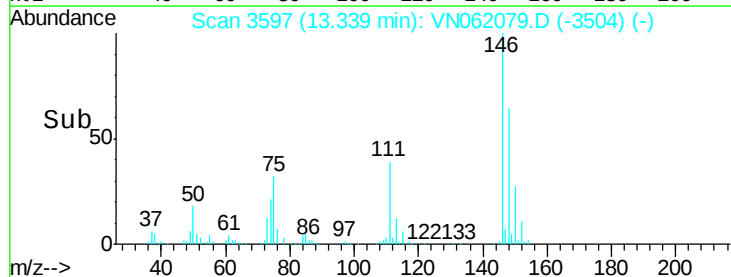
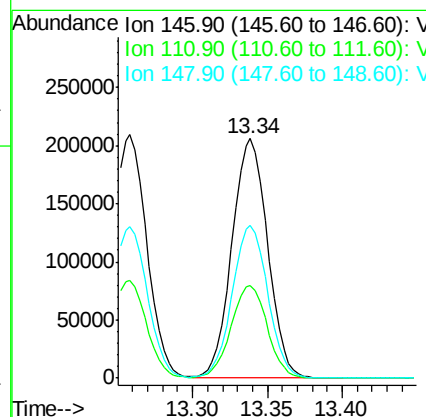
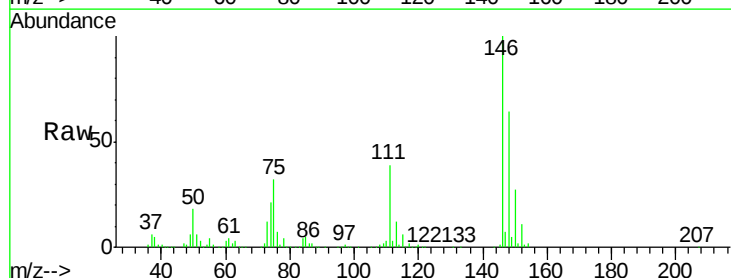
RT: 13.34 min Scan# 3597

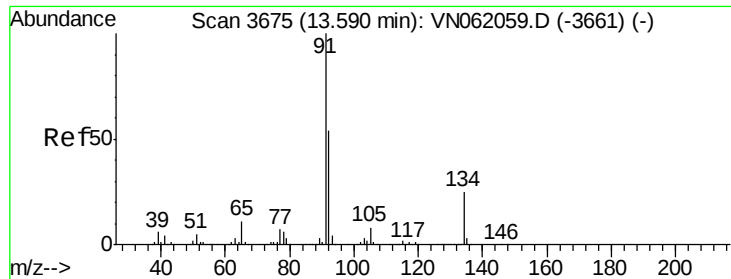
Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.2  | 19.9  | 59.6  |
| 148     | 63.7  | 31.9  | 95.9  |





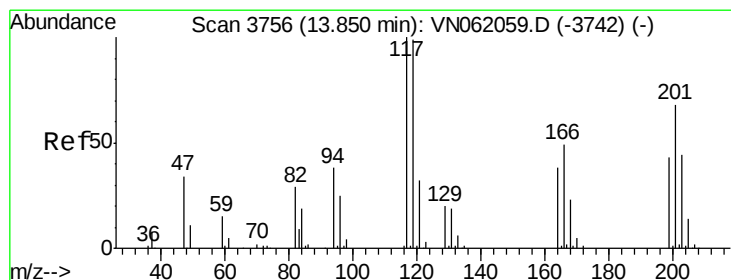
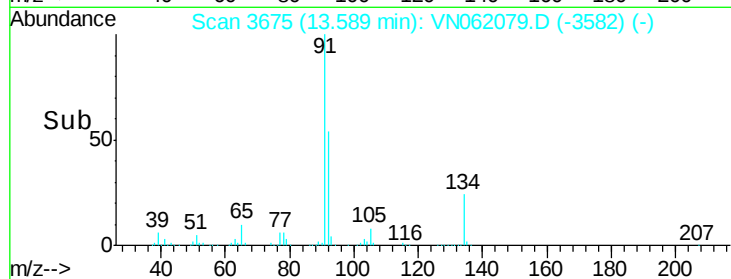
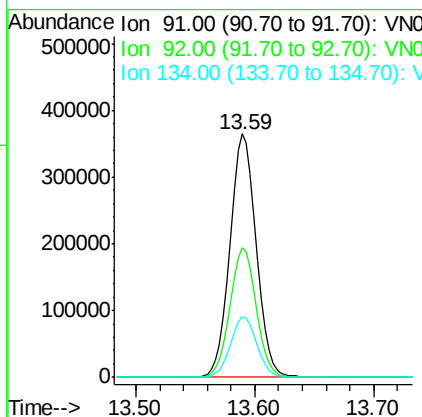
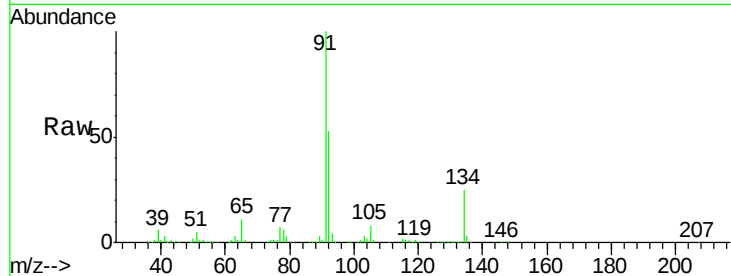
#89  
n-Butylbenzene  
Concen: 51.290 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.3  | 26.6  | 79.7  |
| 134     | 25.1  | 12.3  | 36.9  |

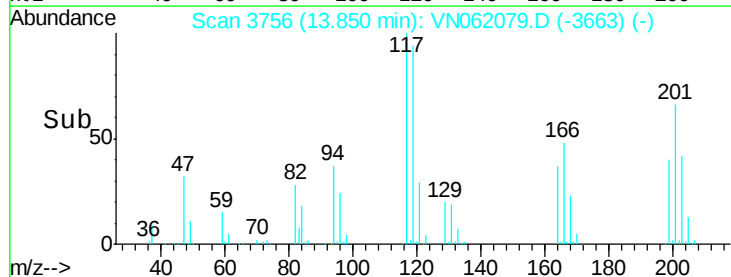
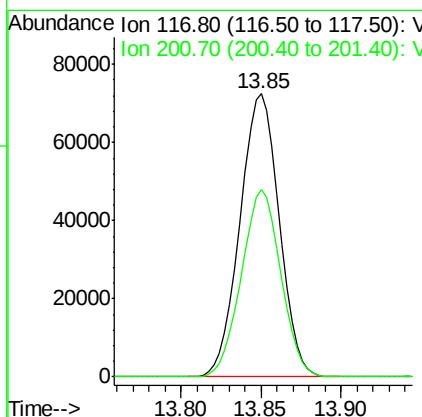
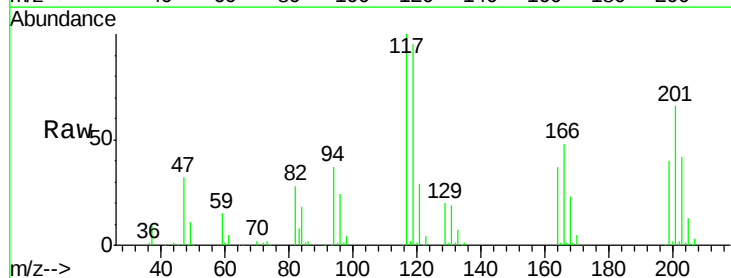
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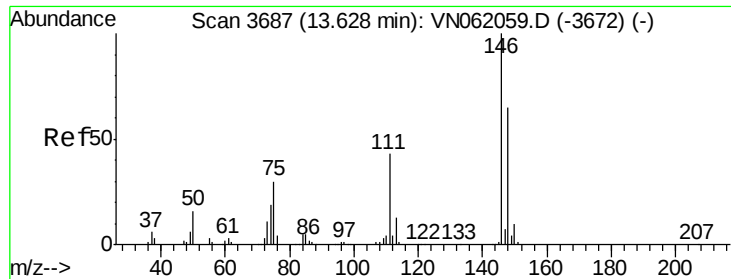
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#90  
Hexachloroethane  
Concen: 47.336 ug/l  
RT: 13.85 min Scan# 3756  
Delta R.T. -0.00 min  
Lab File: VN062079.D  
Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 66.3  | 32.7  | 98.1  |





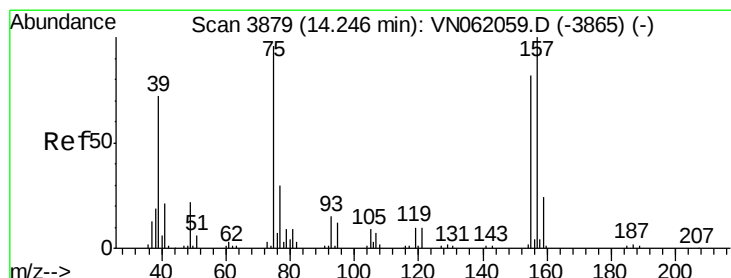
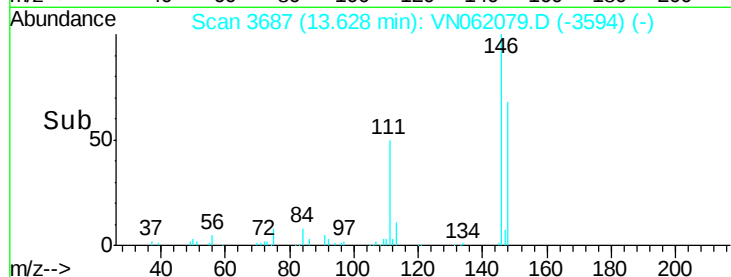
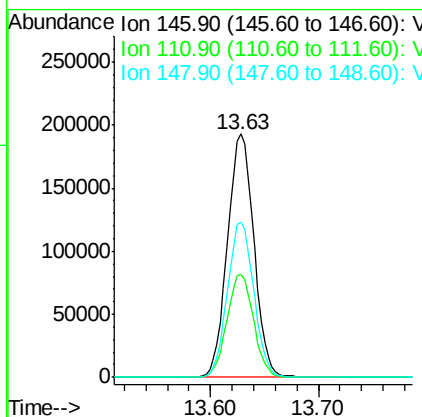
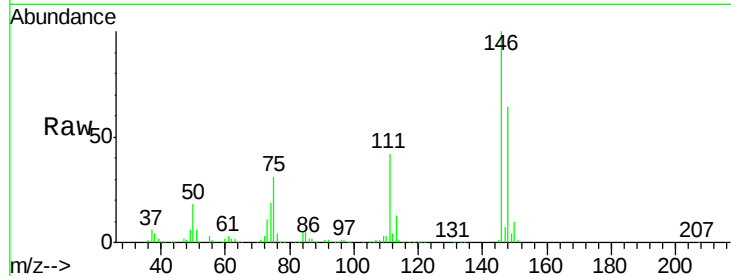
#91  
 1,2-Dichlorobenzene  
 Concen: 48.213 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.2  | 21.2  | 63.6  |
| 148     | 63.2  | 31.9  | 95.5  |

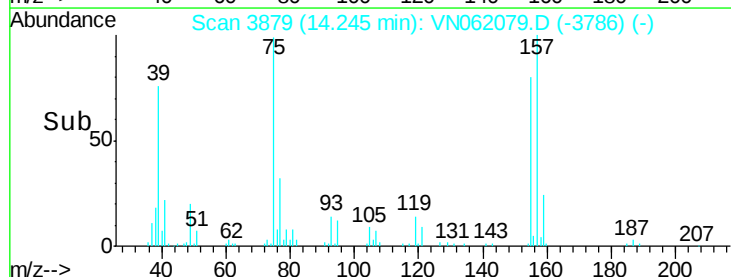
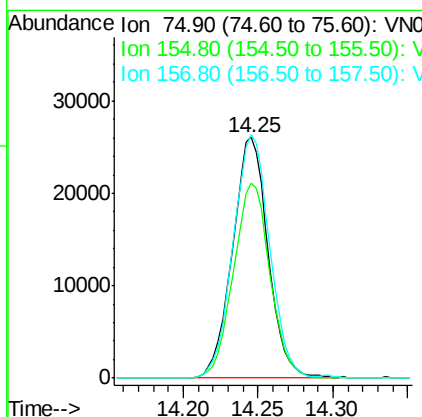
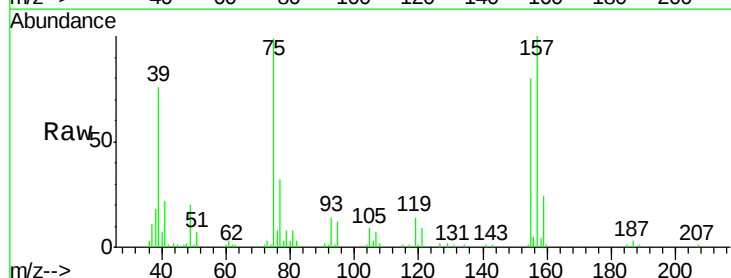
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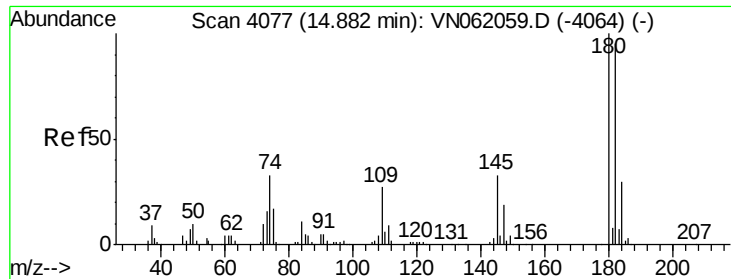
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.745 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 82.8  | 40.8  | 122.4 |
| 157     | 103.6 | 51.4  | 154.3 |





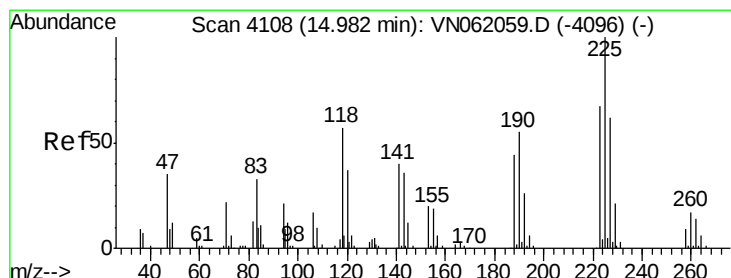
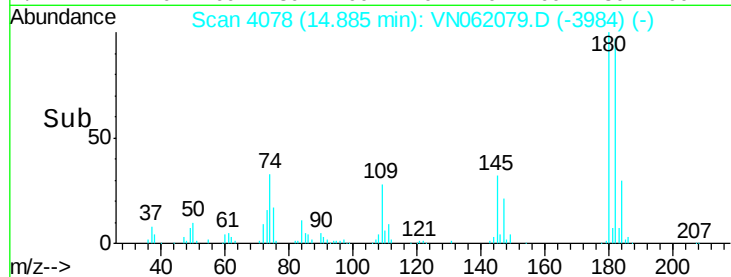
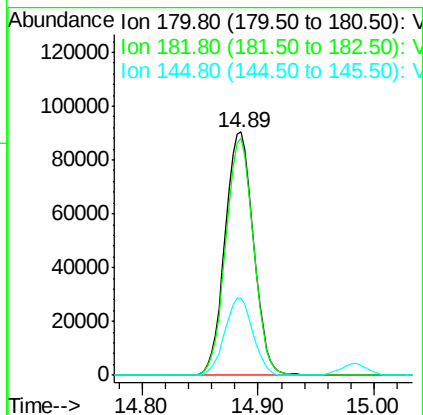
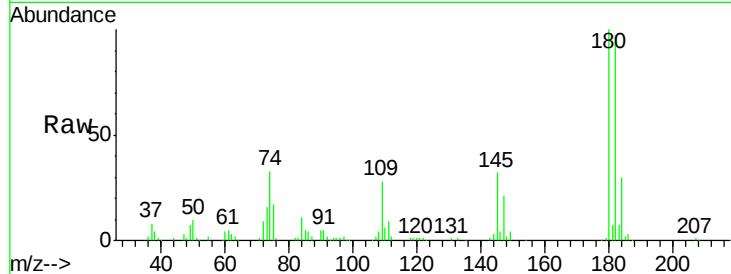
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.032 ug/l  
 RT: 14.89 min Scan# 4078  
 Delta R.T. 0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 48.0  | 144.2 |
| 145     | 31.2  | 16.0  | 48.0  |

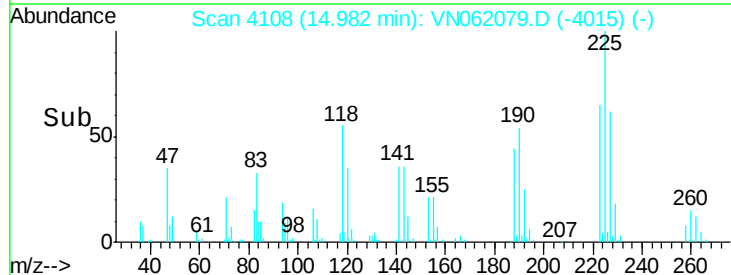
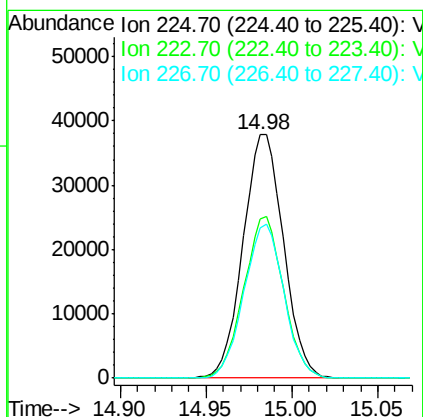
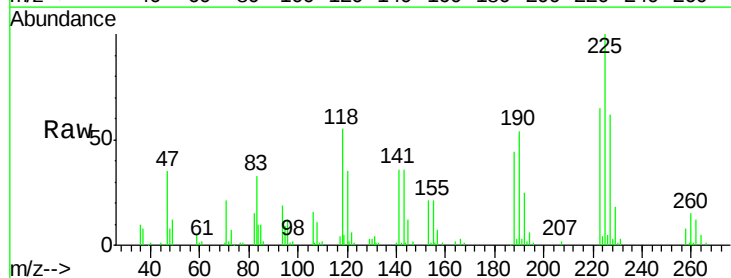
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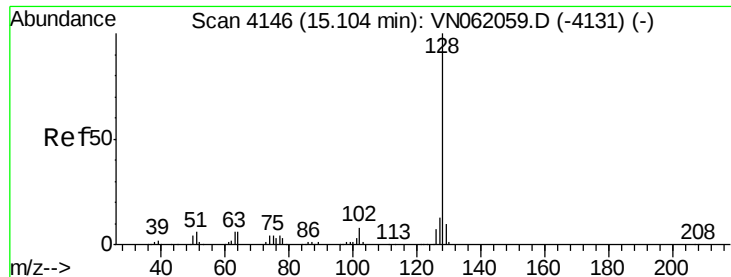
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#94  
 Hexachlorobutadiene  
 Concen: 47.268 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. -0.00 min  
 Lab File: VN062079.D  
 Acq: 24 Jun 2020 22:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.0  | 32.9  | 98.7  |
| 227     | 62.5  | 31.3  | 93.8  |





#95

Naphthalene

Concen: 45.775 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA\_N

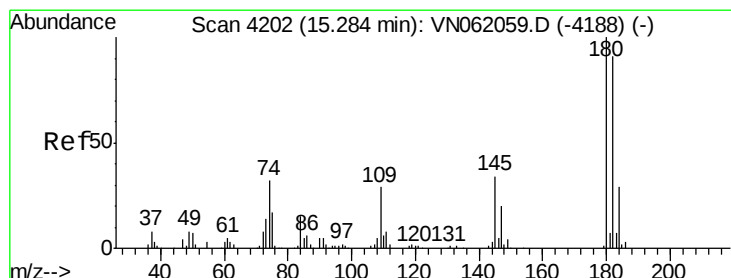
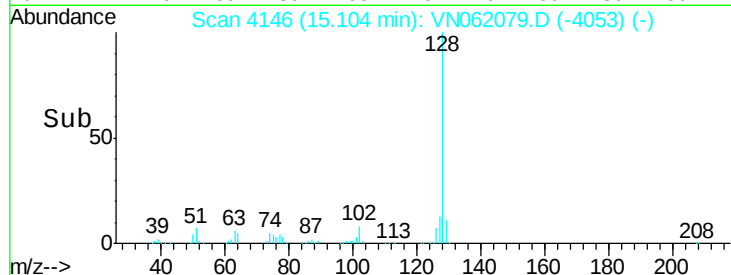
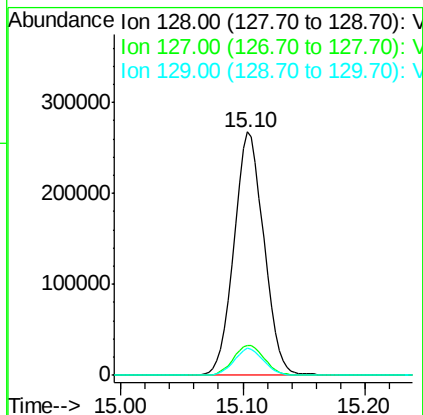
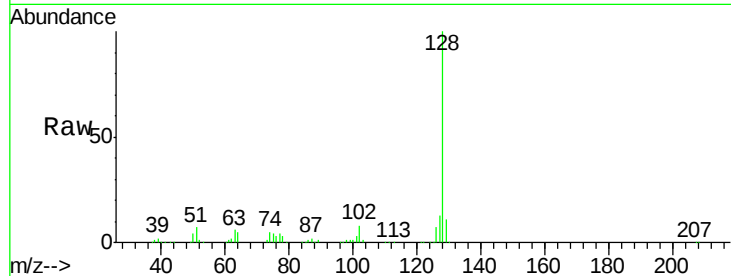
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 454775 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.5  | 15.7   |
| 129       | 10.9  | 8.6   | 13.0   |

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#96

1,2,3-Trichlorobenzene

Concen: 49.727 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 152731 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.6  | 46.8  | 140.4  |
| 145       | 34.6  | 16.4  | 49.2   |

