

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN062420\  
 Data File : VN062056.D  
 Acq On : 24 Jun 2020 9:42  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Jun 24 11:15:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 11:12:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 197455   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 348736   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 313165   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 119884   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |      |       |      |
|-----------------------------|--------|-----|----------|------|-------|------|
| System Monitoring Compounds |        |     |          |      |       |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 2209     | 0.84 | ug/l  | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 1.68% |      |
| 35) Dibromofluoromethane    | 7.54   | 113 | 1385     | 0.63 | ug/l  | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 1.26% |      |
| 50) Toluene-d8              | 10.06  | 98  | 5537     | 0.63 | ug/l  | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 1.26% |      |
| 62) 4-Bromofluorobenzene    | 12.37  | 95  | 1660     | 0.56 | ug/l  | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 1.12% |      |

| Target Compounds              |      |     |       |              | Qvalue |
|-------------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 2848  | 1.289 ug/l   | 91     |
| 3) Chloromethane              | 2.03 | 50  | 4208  | 1.554 ug/l   | 95     |
| 4) Vinyl Chloride             | 2.16 | 62  | 4578  | 1.417 ug/l   | 96     |
| 5) Bromomethane               | 2.54 | 94  | 3536  | 1.448 ug/l   | 98     |
| 6) Chloroethane               | 2.67 | 64  | 3355  | 1.520 ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 5546  | 1.447 ug/l   | 100    |
| 8) Diethyl Ether              | 3.38 | 74  | 1806  | 1.370 ug/l # | 52     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 2756  | 1.369 ug/l # | 65     |
| 10) Methyl Iodide             | 3.91 | 142 | 2379  | 1.083 ug/l # | 81     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 269   | 0.725 ug/l # | 72     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 2771  | 1.376 ug/l   | 94     |
| 13) Acrolein                  | 3.56 | 56  | 3122  | 12.303 ug/l  | 97     |
| 14) Allyl chloride            | 4.27 | 41  | 3628  | 1.341 ug/l # | 76     |
| 15) Acrylonitrile             | 4.93 | 53  | 2155  | 2.328 ug/l # | 80     |
| 16) Acetone                   | 3.78 | 43  | 7627  | 9.431 ug/l   | 92     |
| 17) Carbon Disulfide          | 4.00 | 76  | 9736  | 1.643 ug/l   | 97     |
| 18) Methyl Acetate            | 4.29 | 43  | 2062  | 0.933 ug/l # | 71     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 7704  | 1.149 ug/l # | 80     |
| 20) Methylene Chloride        | 4.49 | 84  | 4138  | 1.612 ug/l # | 78     |
| 21) trans-1,2-Dichloroethene  | 4.96 | 96  | 915   | 0.396 ug/l # | 50     |
| 22) Diisopropyl ether         | 5.91 | 45  | 7758  | 1.255 ug/l # | 84     |
| 23) Vinyl Acetate             | 5.84 | 43  | 28461 | 5.793 ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 5674  | 1.410 ug/l # | 82     |
| 25) 2-Butanone                | 6.79 | 43  | 7790  | 6.671 ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 5143  | 1.511 ug/l # | 76     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 3427  | 1.287 ug/l   | 82     |
| 28) Bromochloromethane        | 7.14 | 49  | 1371  | 0.762 ug/l # | 90     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 2214  | 2.876 ug/l # | 50     |
| 30) Chloroform                | 7.33 | 83  | 5600  | 1.310 ug/l   | 89     |
| 31) Cyclohexane               | 7.61 | 56  | 7927  | 2.247 ug/l # | 67     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97  | 4440  | 1.221 ug/l # | 50     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 4050  | 1.270 ug/l   | 98     |
| 37) Ethyl Acetate             | 6.88 | 43  | 3505  | 1.388 ug/l # | 81     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 3790  | 1.207 ug/l # | 84     |

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 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 11:12:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 4094     | 1.192  | ug/l   | 93       |
| 40) Benzene                    | 8.00  | 78   | 12383    | 1.276  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.12  | 41   | 1059     | 0.962  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 4431     | 1.341  | ug/l   | 88       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 5086     | 1.203  | ug/l   | 93       |
| 44) Trichloroethene            | 8.80  | 130  | 3408     | 1.347  | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 2948     | 1.238  | ug/l   | 95       |
| 46) Dibromomethane             | 9.18  | 93   | 2106     | 1.263  | ug/l   | 93       |
| 47) Bromodichloromethane       | 9.36  | 83   | 4078     | 1.191  | ug/l # | 90       |
| 48) Methyl methacrylate        | 9.17  | 41   | 1985     | 1.027  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 1091     | 24.543 | ug/l # | 60       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 12537    | 4.986  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 6982     | 1.149  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 10.36 | 75   | 4183     | 1.144  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 4384     | 1.106  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 10.54 | 97   | 3090     | 1.290  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 2917     | 0.910  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 4905     | 1.208  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 7589     | 6.012  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 8496     | 4.703  | ug/l   | 91       |
| 60) Dibromochloromethane       | 10.87 | 129  | 3330     | 1.258  | ug/l   | 93       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 3002     | 1.205  | ug/l   | 94       |
| 64) Tetrachloroethene          | 10.60 | 164  | 2686     | 1.350  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.41 | 112  | 8301     | 1.256  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 3039     | 1.324  | ug/l # | 59       |
| 67) Ethyl Benzene              | 11.48 | 91   | 12328    | 1.110  | ug/l   | 92       |
| 68) m/p-Xylenes                | 11.60 | 106  | 8032     | 1.876  | ug/l   | 97       |
| 69) o-Xylene                   | 11.92 | 106  | 3836     | 0.941  | ug/l   | 92       |
| 70) Styrene                    | 11.94 | 104  | 5659     | 0.829  | ug/l   | 92       |
| 71) Bromoform                  | 12.10 | 173  | 1629     | 0.976  | ug/l # | 93       |
| 73) Isopropylbenzene           | 12.22 | 105  | 9835     | 1.149  | ug/l   | 97       |
| 74) N-amyl acetate             | 12.05 | 43   | 2294     | 0.827  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 3956     | 1.410  | ug/l   | 93       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 4162     | 1.744  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 2775     | 1.288  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.56 | 91   | 10711    | 1.092  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 7215     | 1.226  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 6971     | 0.986  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 595      | 0.676  | ug/l # | 41       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 6419     | 1.056  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 6169     | 1.029  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 7125     | 1.022  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 8412     | 1.069  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 6450     | 0.923  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 4583     | 1.173  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 13.26 | 146  | 4583     | 1.146  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.59 | 91   | 5864     | 1.001  | ug/l   | 97       |
| 90) Hexachloroethane           | 13.85 | 117  | 1663     | 1.291  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 4382     | 1.167  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 472      | 1.037  | ug/l   | 67       |

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Operator : JC/MD  
Sample : VSTDICC001  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

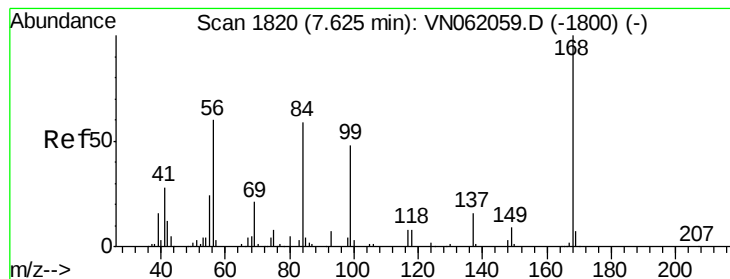
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Quant Time: Jun 24 11:15:04 2020  
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QLast Update : Wed Jun 24 11:12:39 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.89 | 180  | 1166     | 0.663 | ug/l   | 89       |
| 94) Hexachlorobutadiene    | 14.99 | 225  | 723      | 1.036 | ug/l   | 81       |
| 95) Naphthalene            | 15.11 | 128  | 3382     | 0.666 | ug/l # | 88       |
| 96) 1,2,3-Trichlorobenzene | 15.29 | 180  | 1655     | 0.945 | ug/l   | 89       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

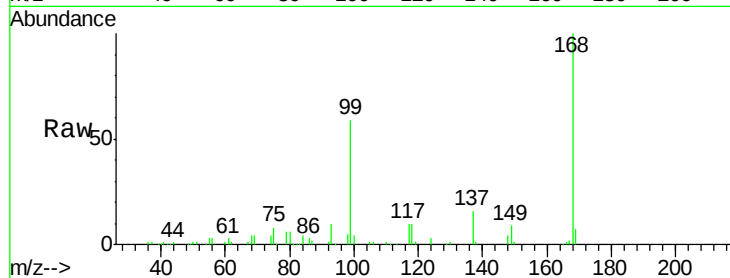
VSTDIC001

Tgt Ion: 168 Resp: 197455

Ion Ratio Lower Upper

168 100

99 59.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

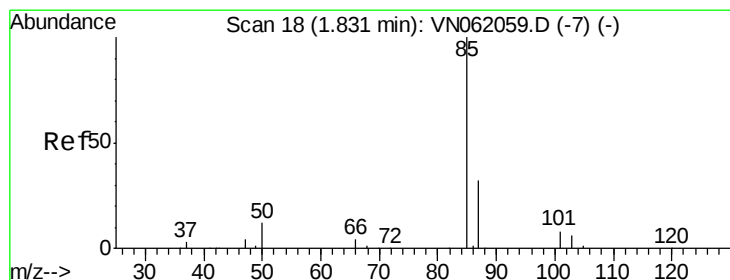
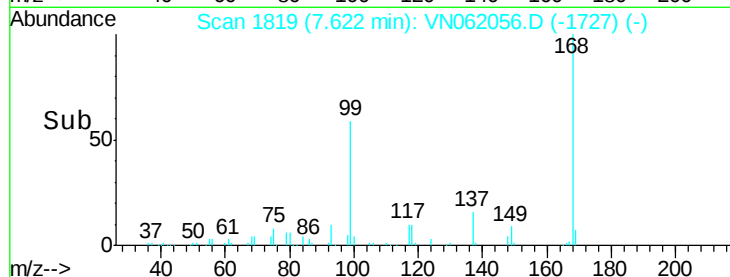
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 1.289 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062056.D

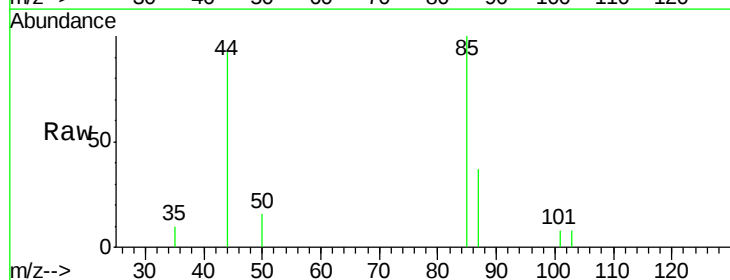
Acq: 24 Jun 2020 9:42

Tgt Ion: 85 Resp: 2848

Ion Ratio Lower Upper

85 100

87 36.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

2500

2000

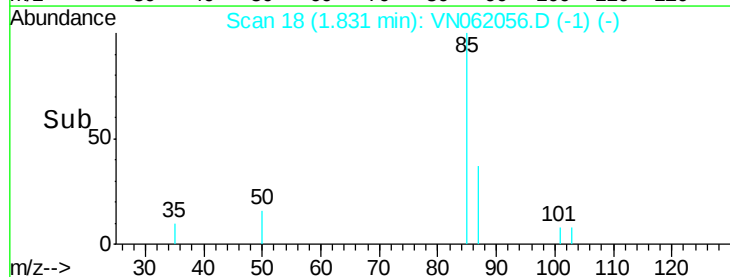
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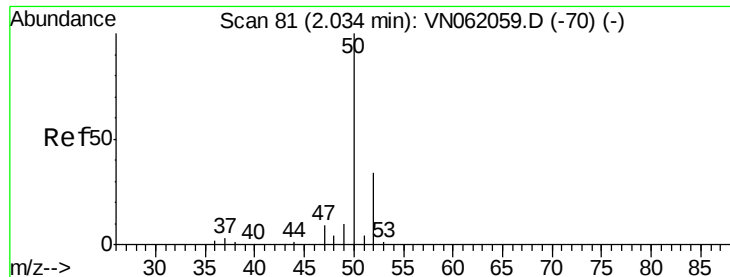
1000

500

0

Time--> 1.80 1.82 1.84 1.86

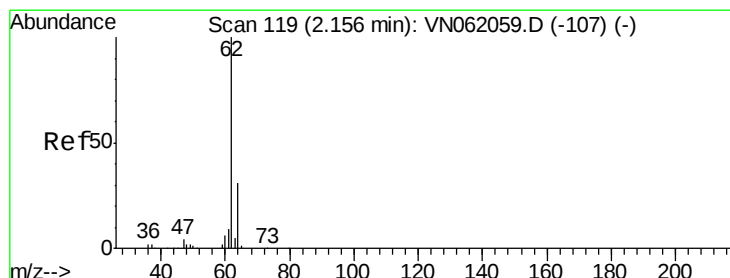
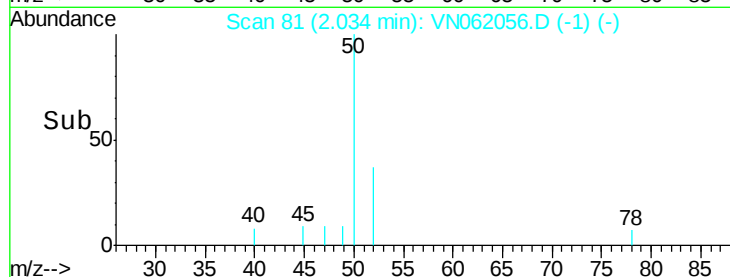
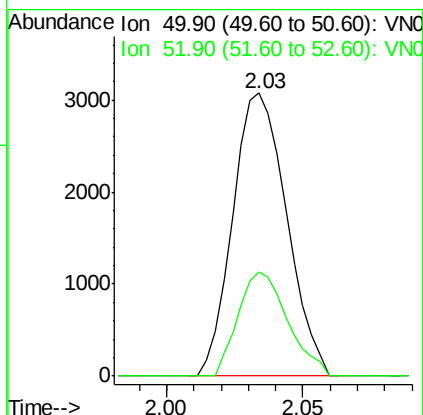
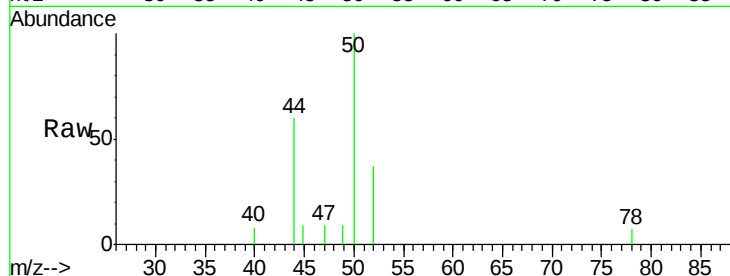




#3  
Chloromethane  
Concen: 1.554 ug/l  
RT: 2.03 min Scan# 81  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

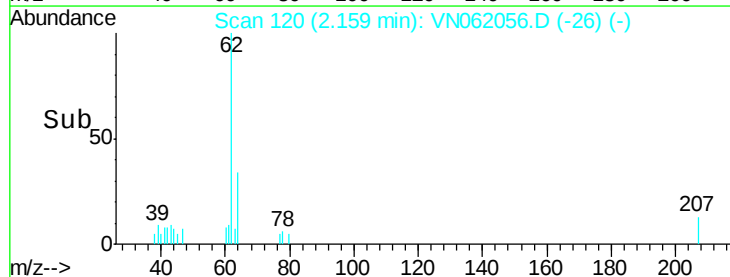
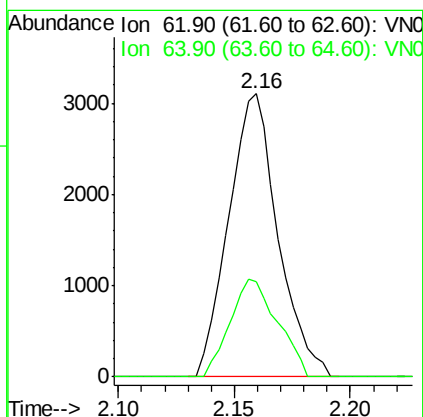
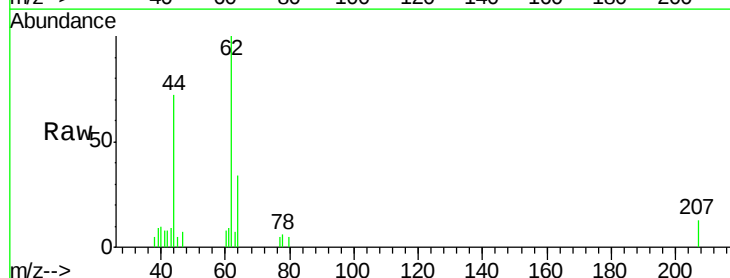
Instrument :  
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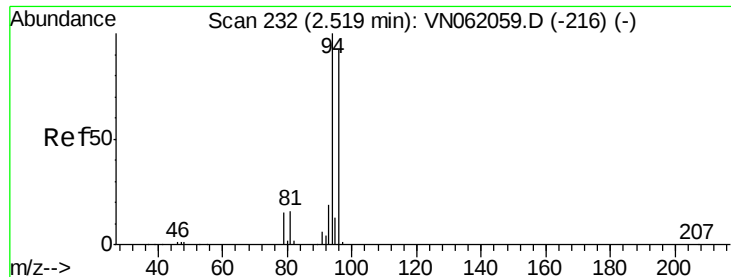
Tgt Ion: 50 Resp: 4208  
Ion Ratio Lower Upper  
50 100  
52 36.8 27.0 40.6



#4  
Vinyl Chloride  
Concen: 1.417 ug/l  
RT: 2.16 min Scan# 120  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 62 Resp: 4578  
Ion Ratio Lower Upper  
62 100  
64 33.5 25.1 37.7





#5

Bromomethane

Concen: 1.448 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.02 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

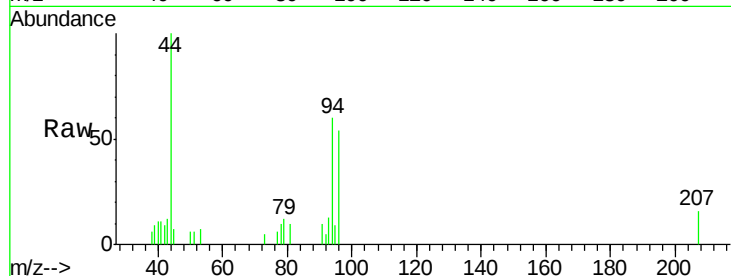
VSTDIC001

Tgt Ion: 94 Resp: 3536

Ion Ratio Lower Upper

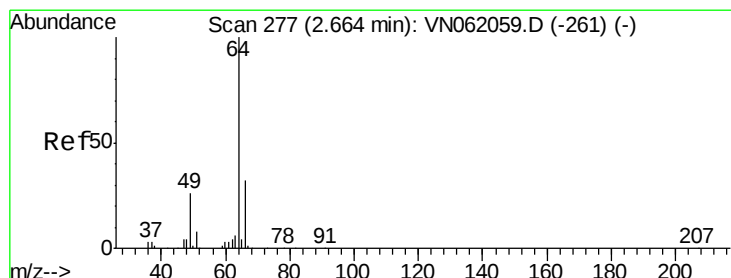
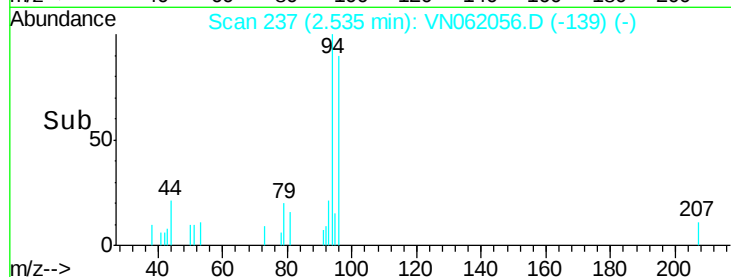
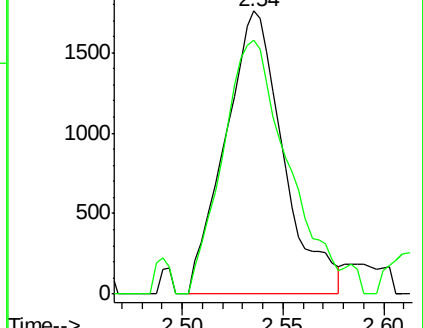
94 100

96 89.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)



#6

Chloroethane

Concen: 1.520 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062056.D

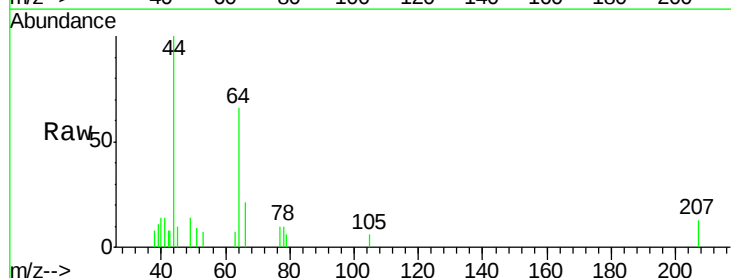
Acq: 24 Jun 2020 9:42

Tgt Ion: 64 Resp: 3355

Ion Ratio Lower Upper

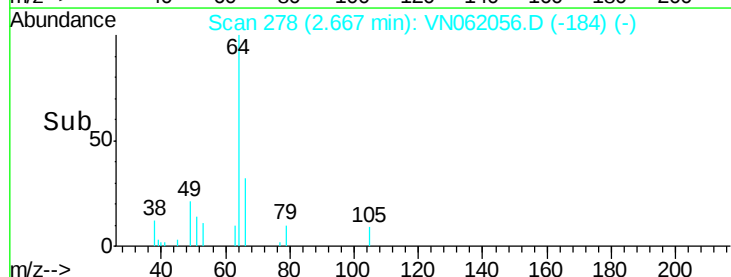
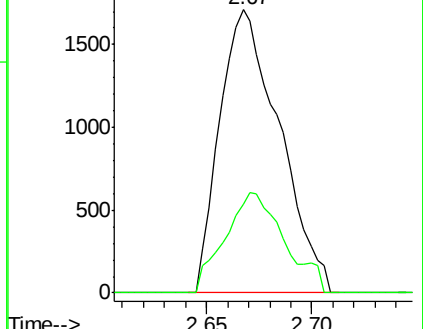
64 100

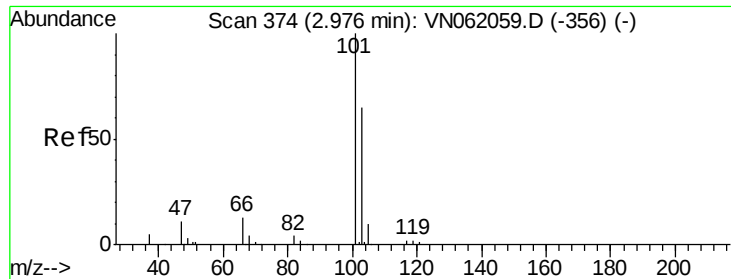
66 31.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)



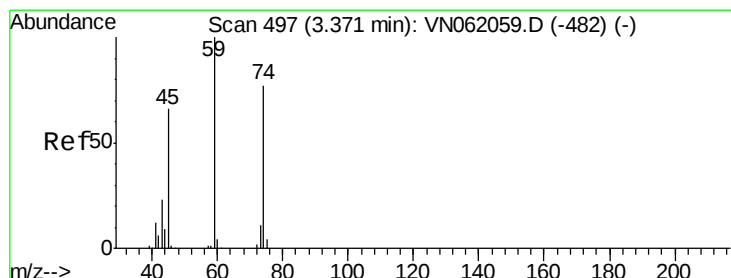
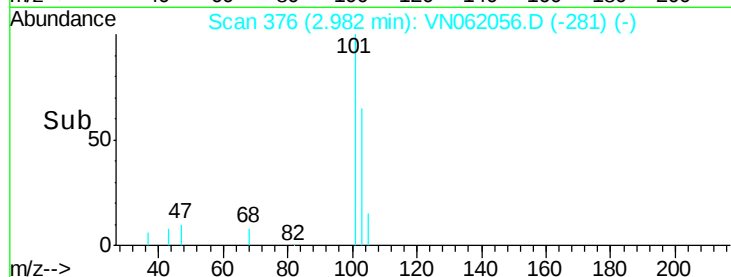
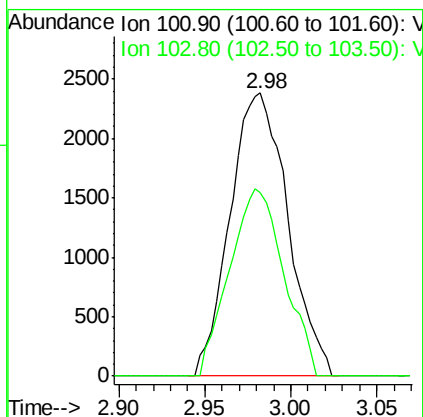
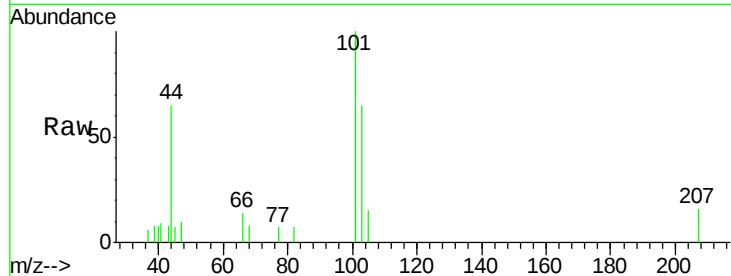


#7

Trichlorofluoromethane  
 Concen: 1.447 ug/l  
 RT: 2.98 min Scan# 376  
 Delta R.T. 0.01 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

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 VSTDIC001

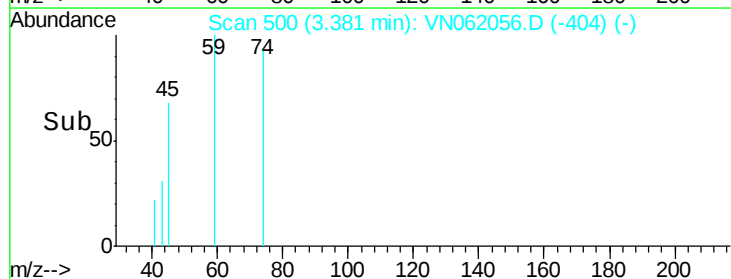
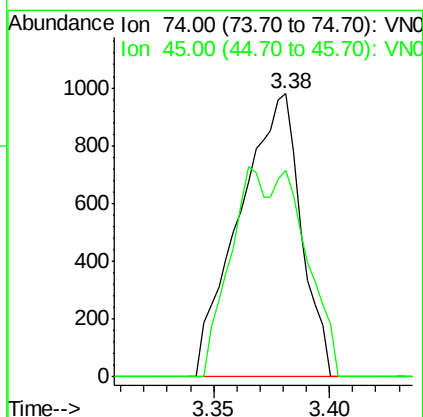
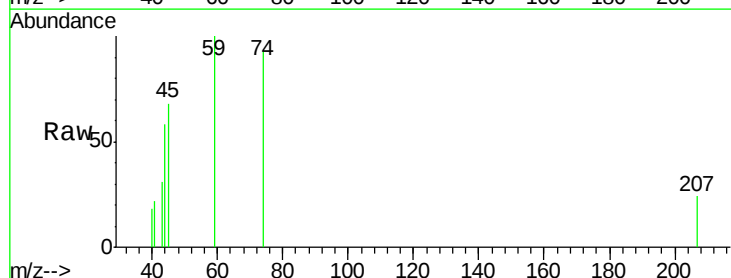
Tgt Ion:101 Resp: 5546  
 Ion Ratio Lower Upper  
 101 100  
 103 64.9 51.8 77.6

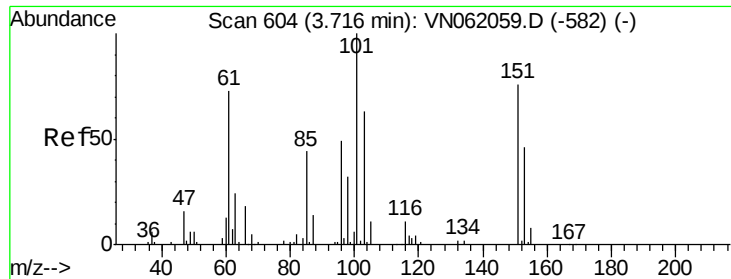


#8

Diethyl Ether  
 Concen: 1.370 ug/l  
 RT: 3.38 min Scan# 500  
 Delta R.T. 0.01 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 74 Resp: 1806  
 Ion Ratio Lower Upper  
 74 100  
 45 41.6 42.5 127.5#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.369 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

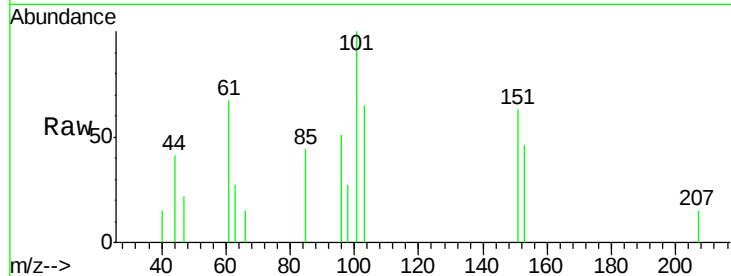
Tgt Ion:101 Resp: 2756

Ion Ratio Lower Upper

101 100

85 48.3 34.5 51.7

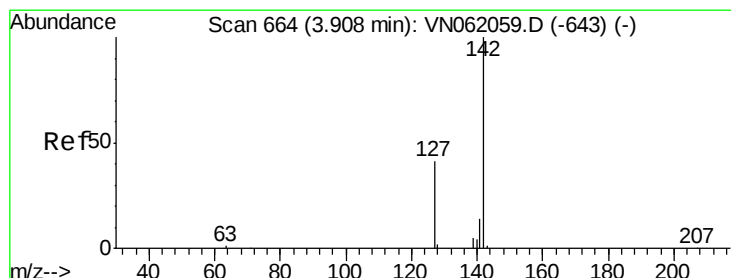
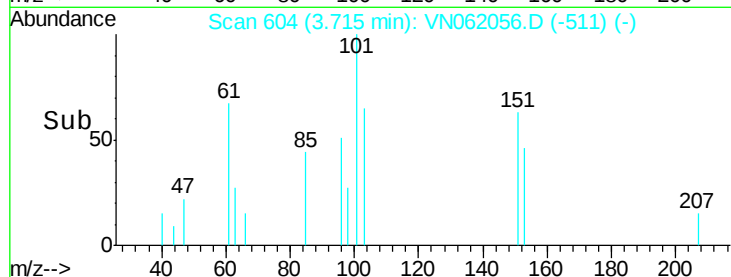
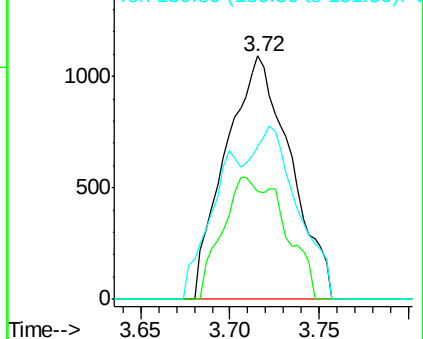
151 29.6 57.8 86.8#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.083 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

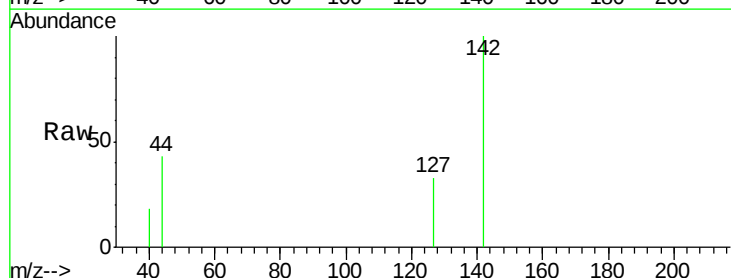
Tgt Ion:142 Resp: 2379

Ion Ratio Lower Upper

142 100

127 30.8 33.6 50.4#

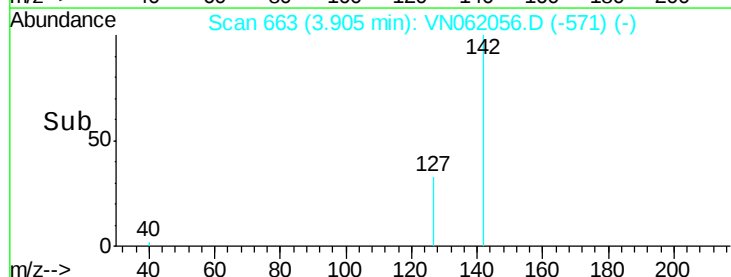
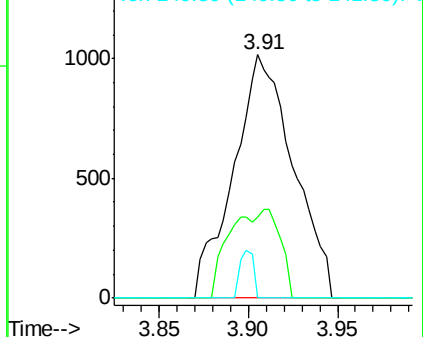
141 4.5 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



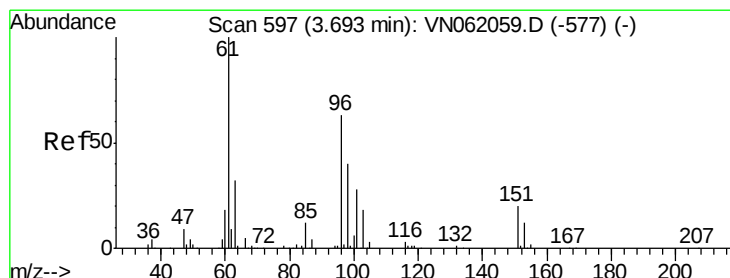
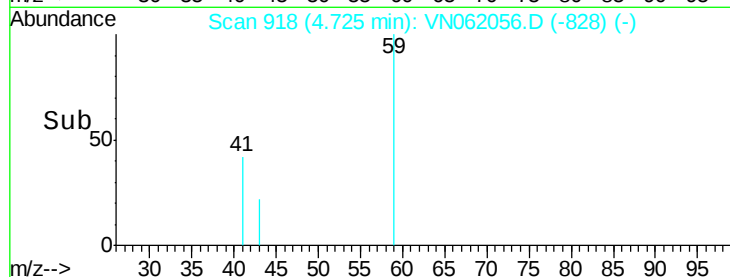
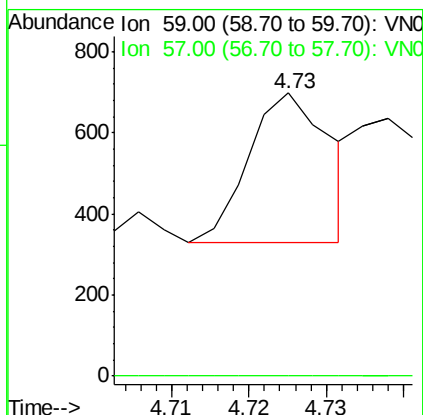
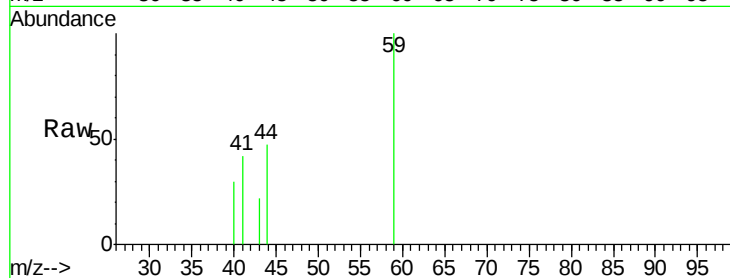


#11

Tert butyl alcohol  
 Concen: 0.725 ug/l  
 RT: 4.73 min Scan# 918  
 Delta R.T. -0.01 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

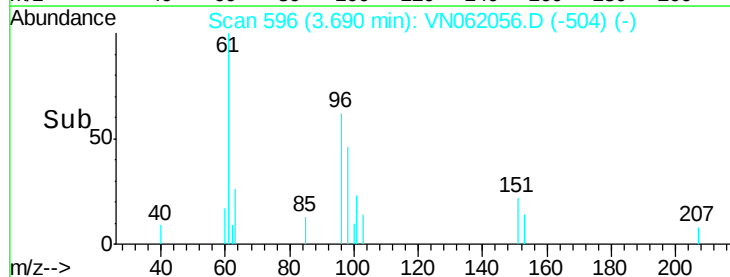
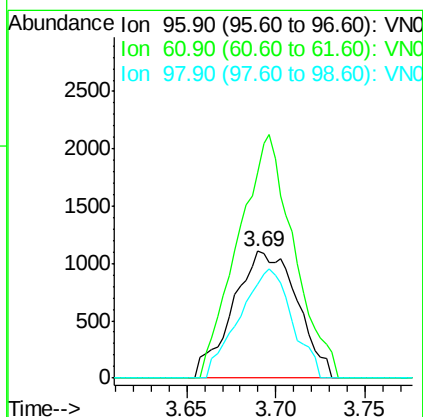
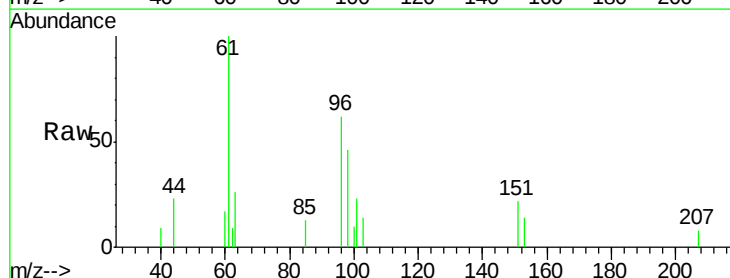
Tgt Ion: 59 Resp: 269  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.3 12.5#

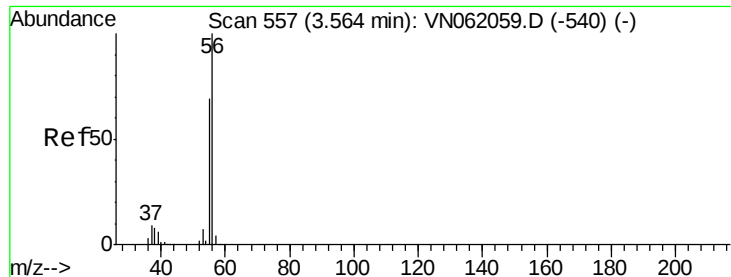


#12

1,1-Dichloroethene  
 Concen: 1.376 ug/l  
 RT: 3.69 min Scan# 596  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 96 Resp: 2771  
 Ion Ratio Lower Upper  
 96 100  
 61 161.7 126.7 190.1  
 98 74.3 51.0 76.4





#13

Acrolein

Concen: 12.303 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

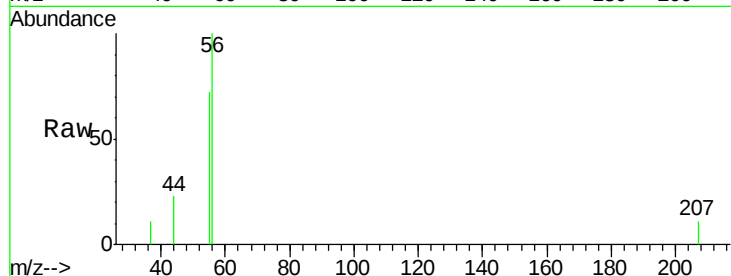
VSTDIC001

Tgt Ion: 56 Resp: 3122

Ion Ratio Lower Upper

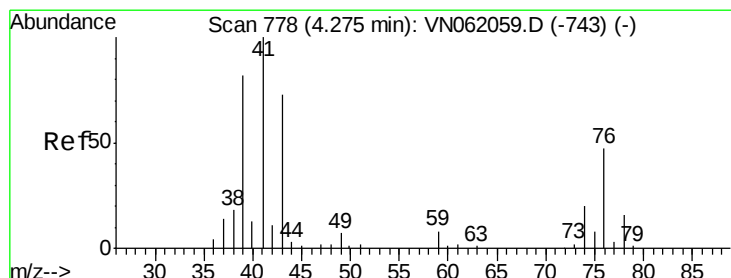
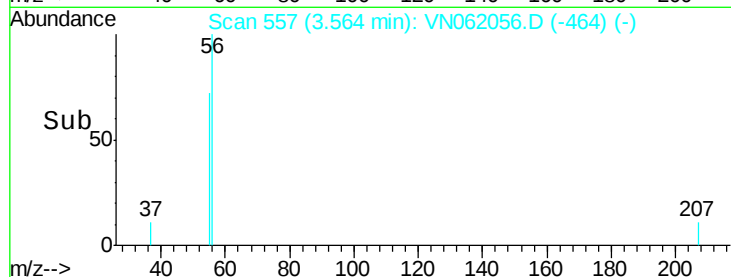
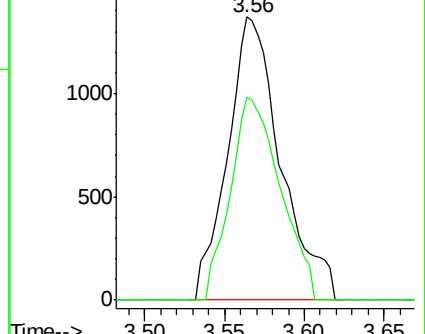
56 100

55 67.1 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)



#14

Allyl chloride

Concen: 1.341 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

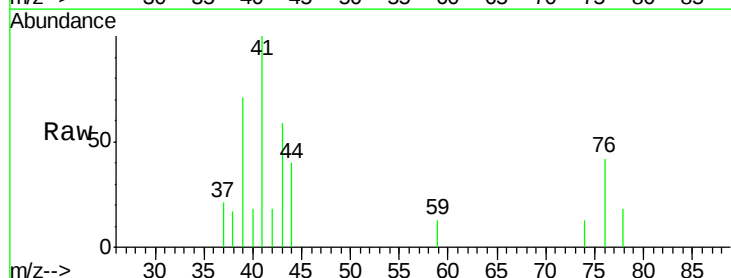
Tgt Ion: 41 Resp: 3628

Ion Ratio Lower Upper

41 100

39 48.0 60.0 90.0#

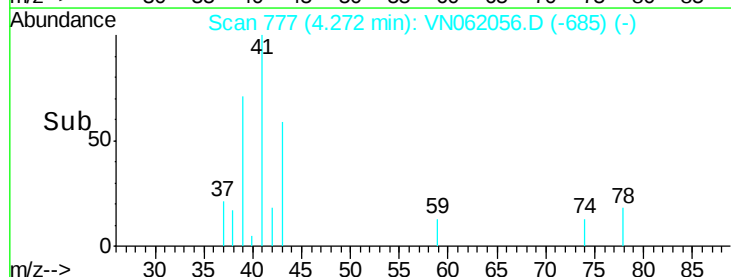
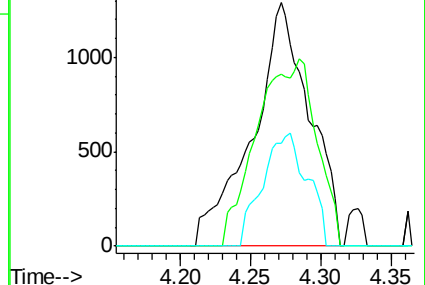
76 36.4 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)





#15

Acrylonitrile

Concen: 2.328 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

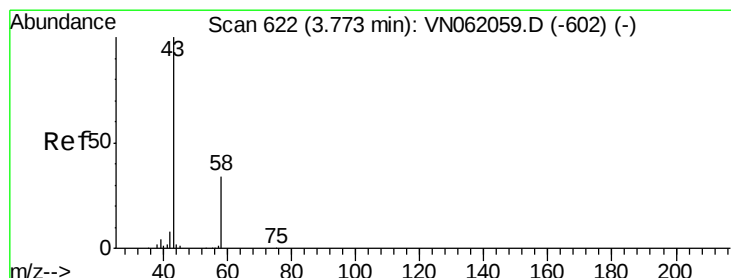
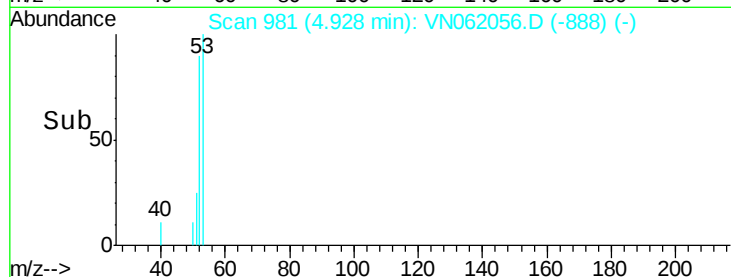
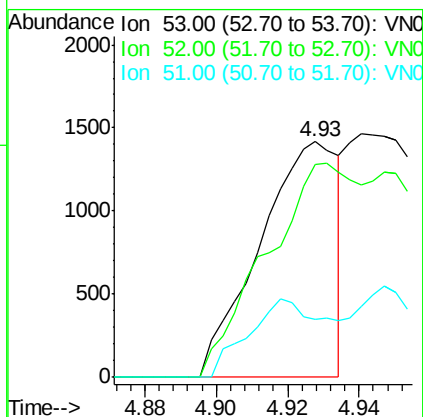
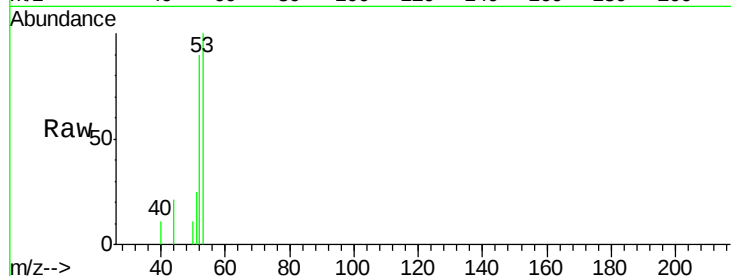
Tgt Ion: 53 Resp: 2155

Ion Ratio Lower Upper

53 100

52 106.5 66.2 99.4#

51 32.6 28.9 43.3



#16

Acetone

Concen: 9.431 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062056.D

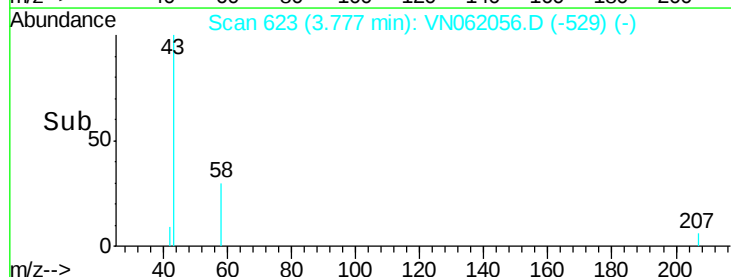
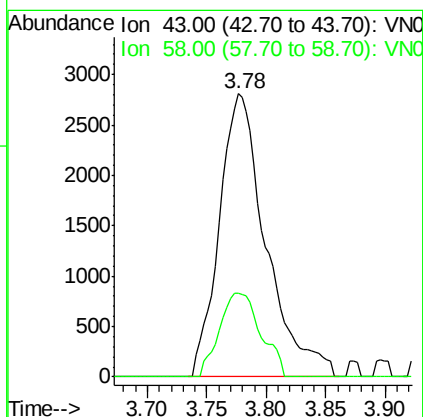
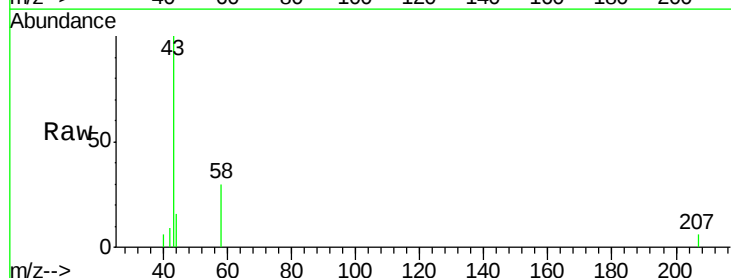
Acq: 24 Jun 2020 9:42

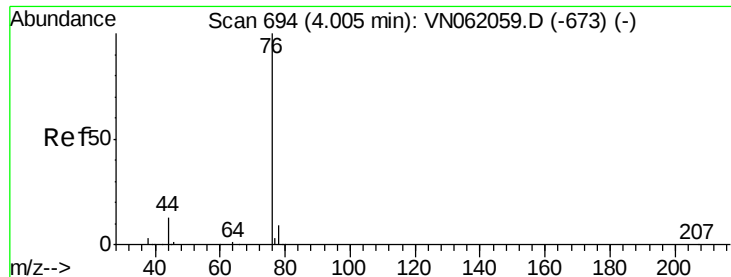
Tgt Ion: 43 Resp: 7627

Ion Ratio Lower Upper

43 100

58 29.6 27.5 41.3





#17

Carbon Disulfide

Concen: 1.643 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

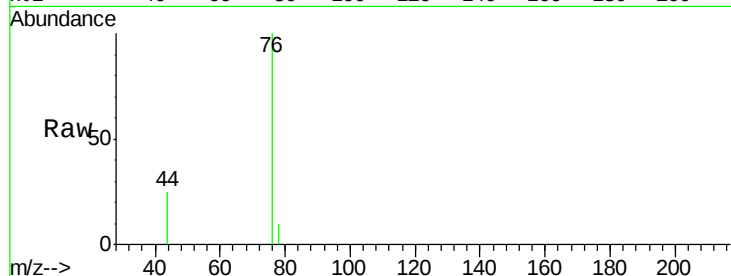
VSTDIC001

Tgt Ion: 76 Resp: 9736

Ion Ratio Lower Upper

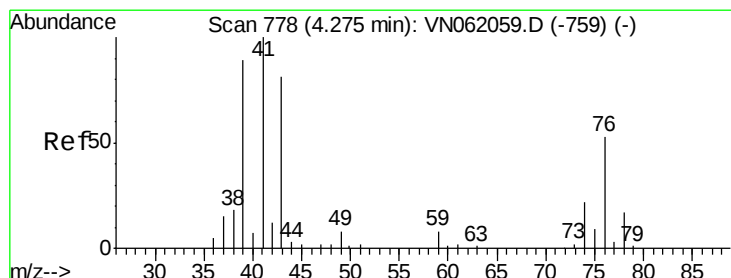
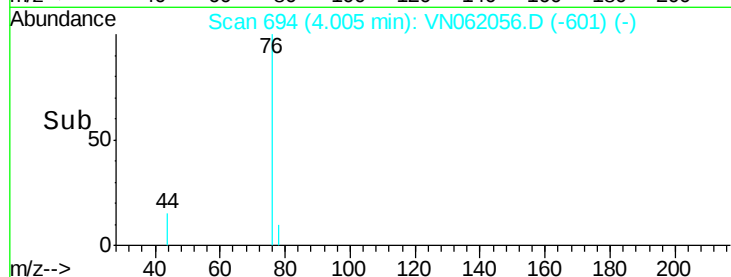
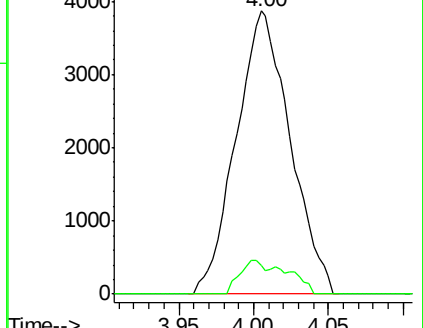
76 100

78 10.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)



#18

Methyl Acetate

Concen: 0.933 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062056.D

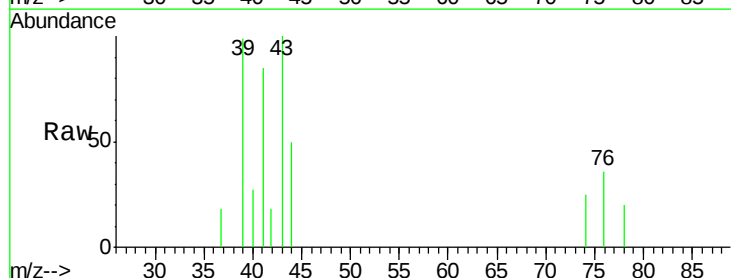
Acq: 24 Jun 2020 9:42

Tgt Ion: 43 Resp: 2062

Ion Ratio Lower Upper

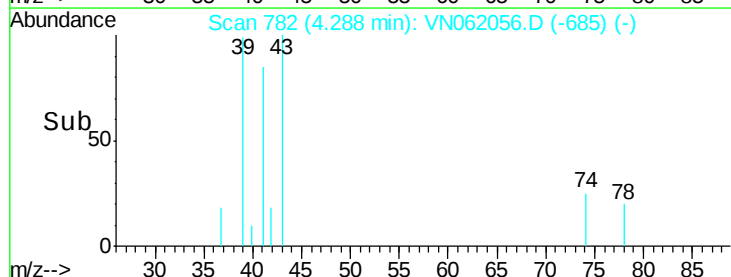
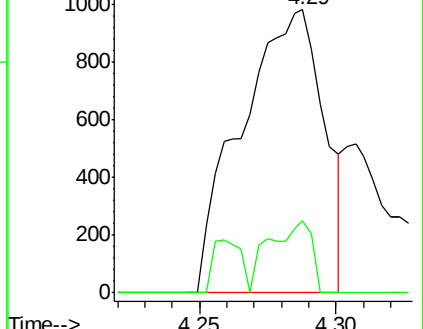
43 100

74 13.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)

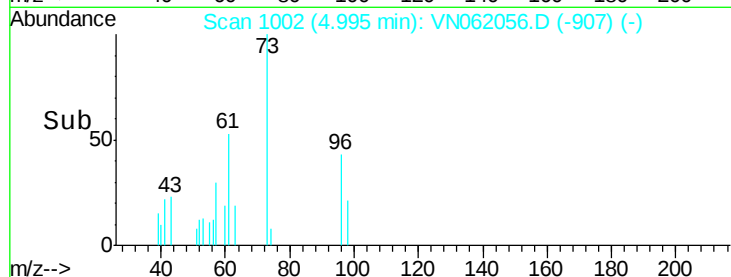
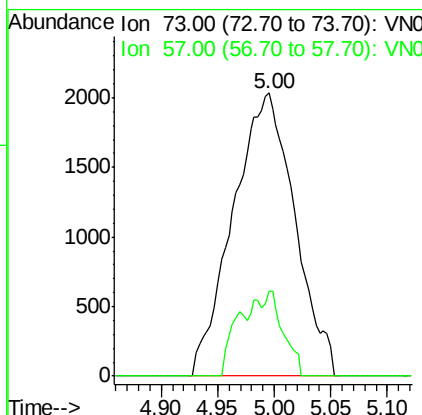
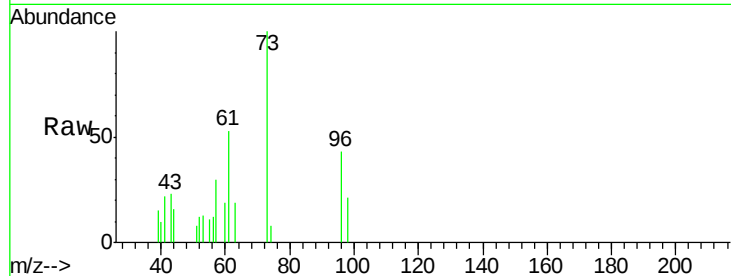




#19  
Methyl tert-butyl Ether  
Concen: 1.149 ug/l  
RT: 5.00 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

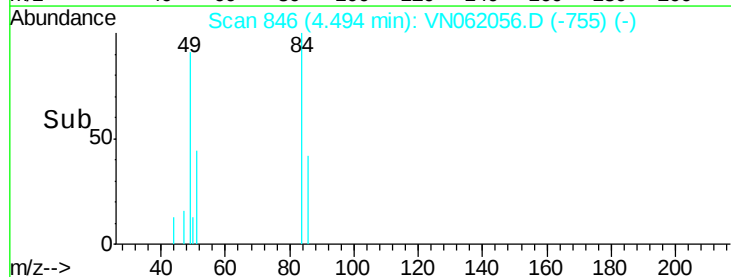
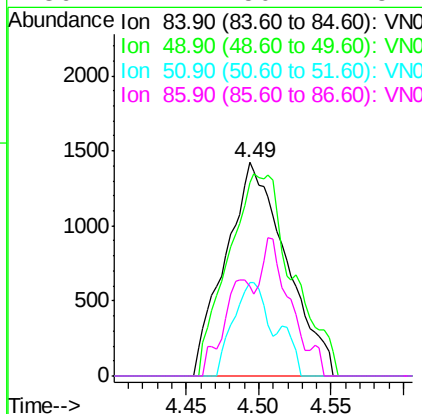
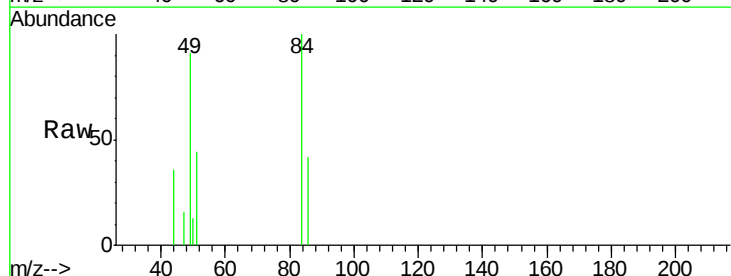
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

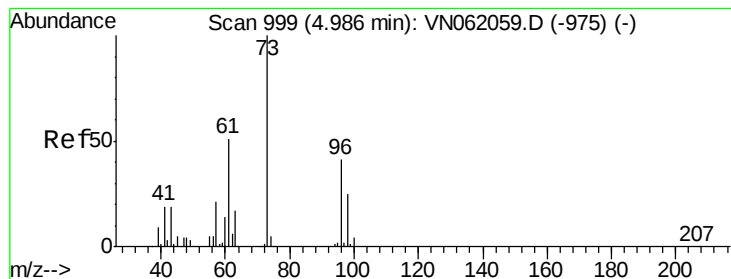
Tgt Ion: 73 Resp: 7704  
Ion Ratio Lower Upper  
73 100  
57 30.2 16.6 24.8#



#20  
Methylene Chloride  
Concen: 1.612 ug/l  
RT: 4.49 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 84 Resp: 4138  
Ion Ratio Lower Upper  
84 100  
49 90.5 90.6 136.0#  
51 43.7 27.8 41.8#  
86 42.2 50.1 75.1#





#21

trans-1,2-Dichloroethene

Concen: 0.396 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.02 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

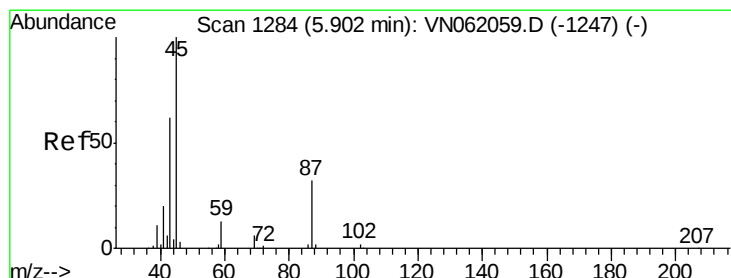
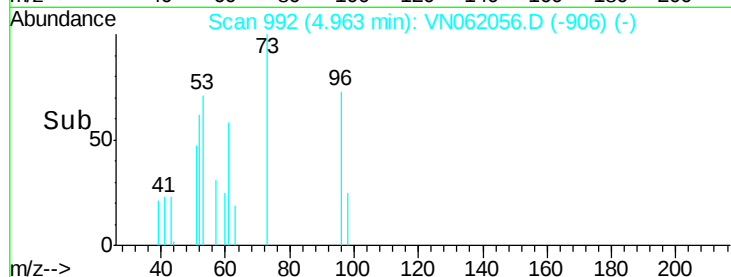
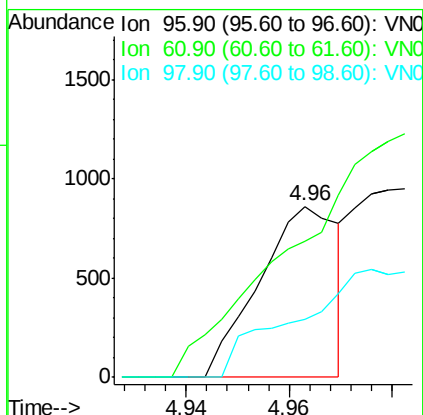
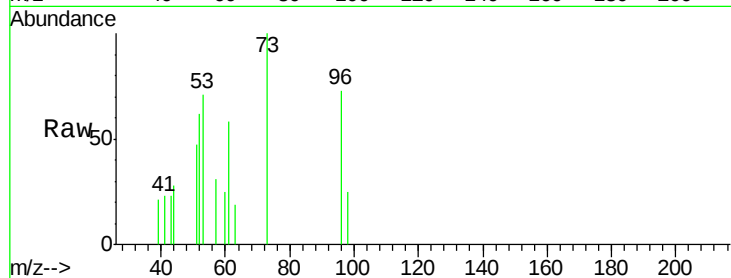
Tgt Ion: 96 Resp: 915

Ion Ratio Lower Upper

96 100

61 62.0 101.4 152.2#

98 34.2 49.3 73.9#



#22

Diisopropyl ether

Concen: 1.255 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Tgt Ion: 45 Resp: 7758

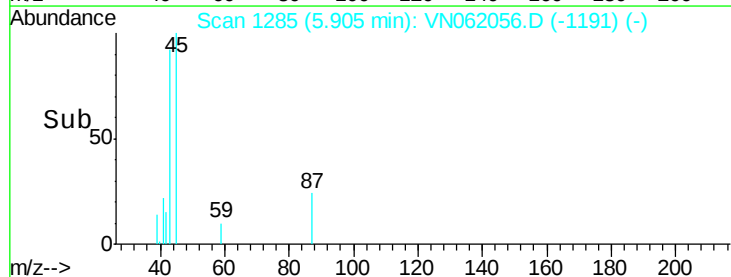
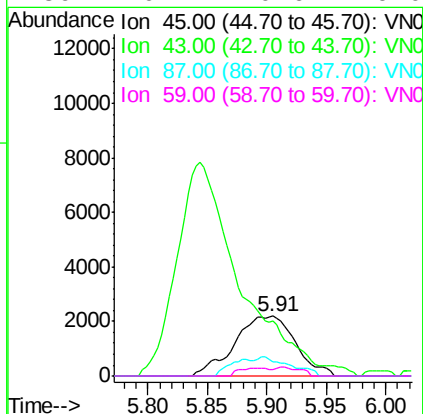
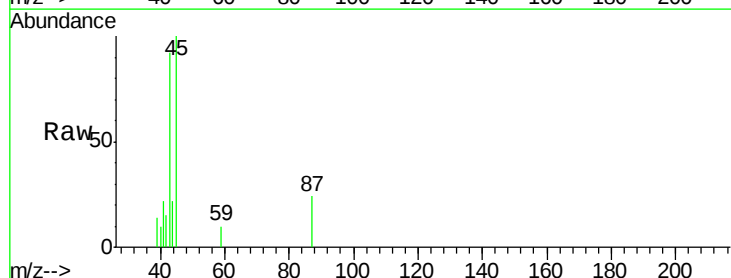
Ion Ratio Lower Upper

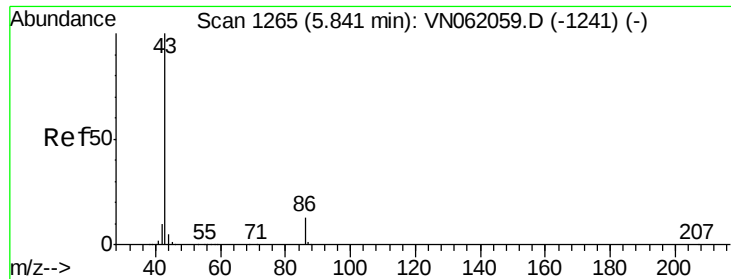
45 100

43 76.3 49.7 74.5#

87 23.5 25.9 38.9#

59 10.1 10.6 16.0#





#23

Vinyl Acetate

Concen: 5.793 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

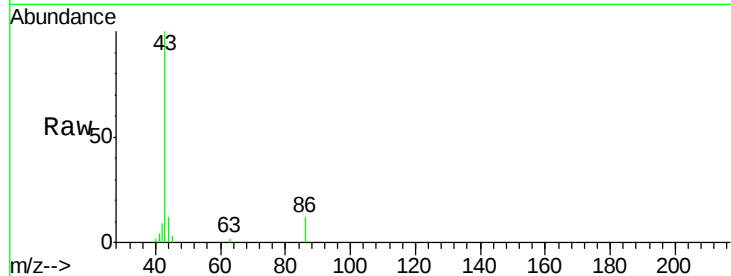
VSTDIC001

Tgt Ion: 43 Resp: 28461

Ion Ratio Lower Upper

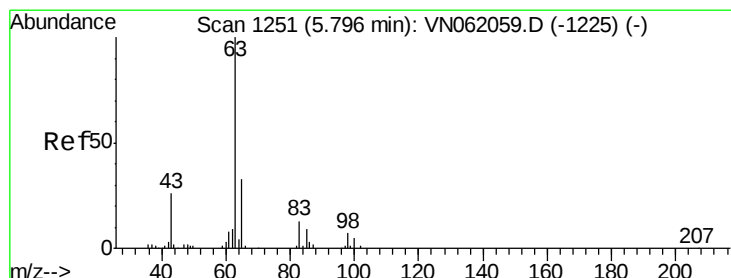
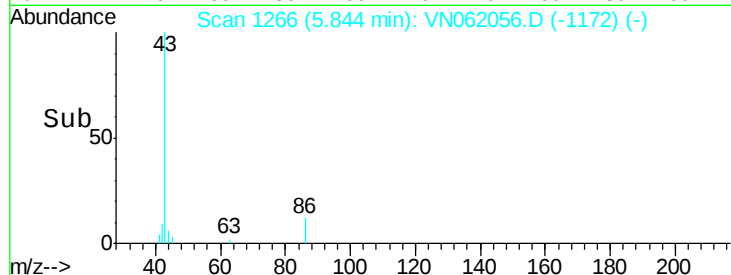
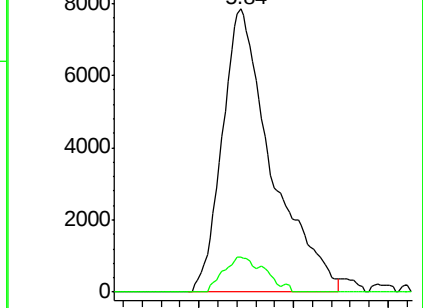
43 100

86 12.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062059.D (-1241) (-)



#24

1,1-Dichloroethane

Concen: 1.410 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

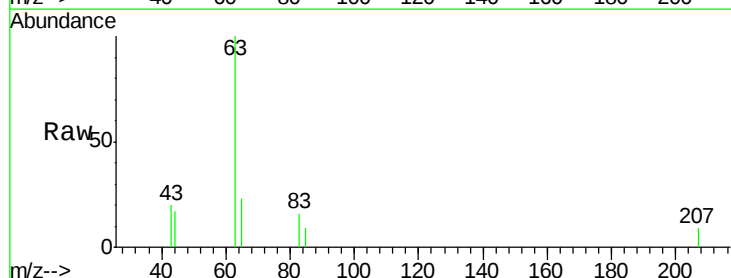
Tgt Ion: 63 Resp: 5674

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.9#

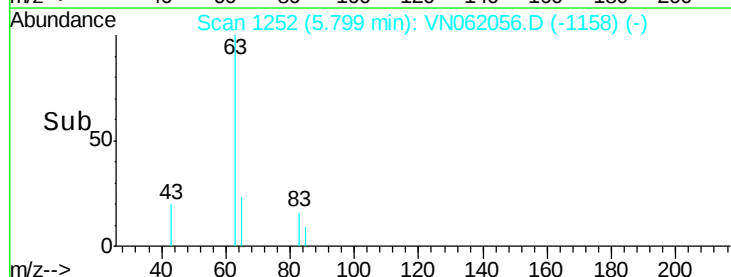
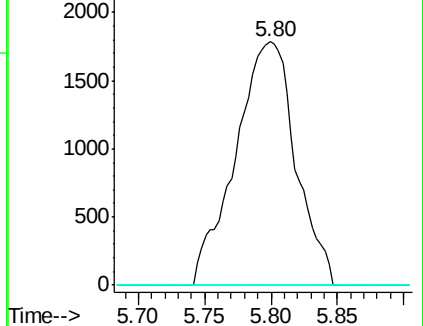
100 0.0 2.4 7.1#

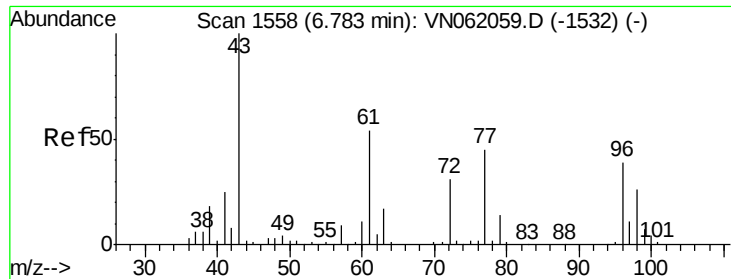


Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN062059.D (-1225) (-)





#25

2-Butanone

Concen: 6.671 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampled :

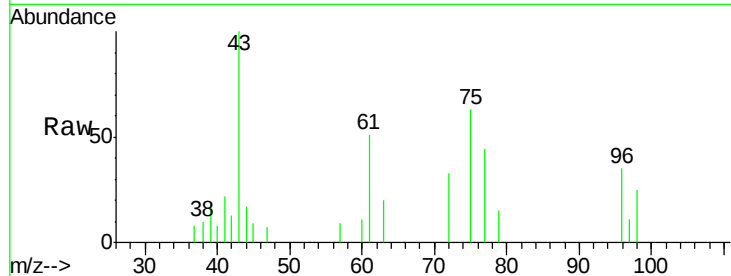
VSTDIC001

Tgt Ion: 43 Resp: 7790

Ion Ratio Lower Upper

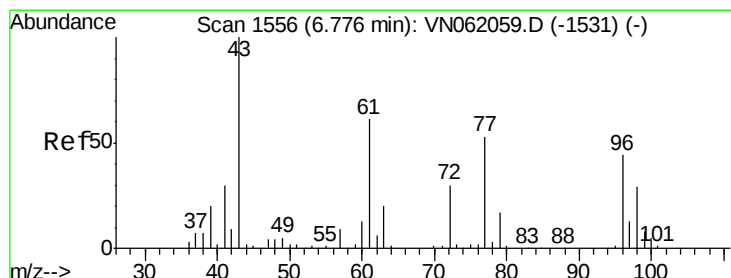
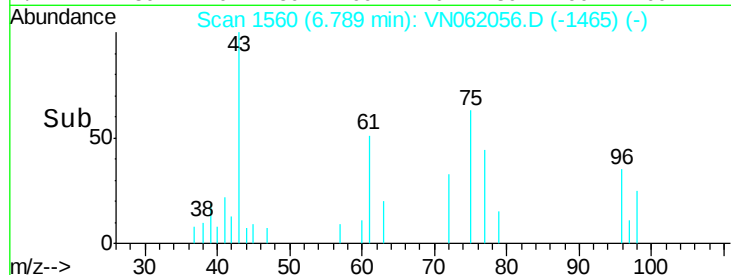
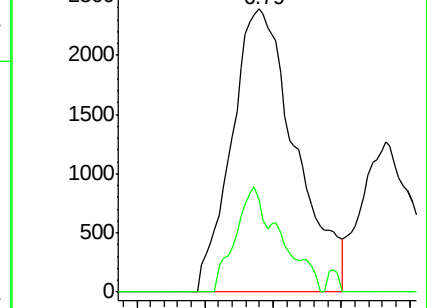
43 100

72 32.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 1.511 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062056.D

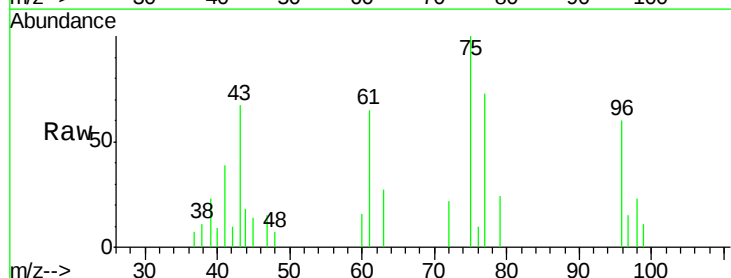
Acq: 24 Jun 2020 9:42

Tgt Ion: 77 Resp: 5143

Ion Ratio Lower Upper

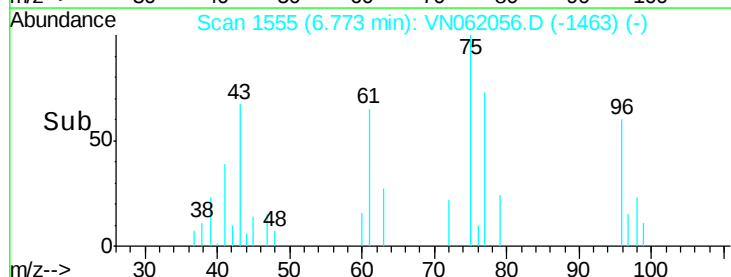
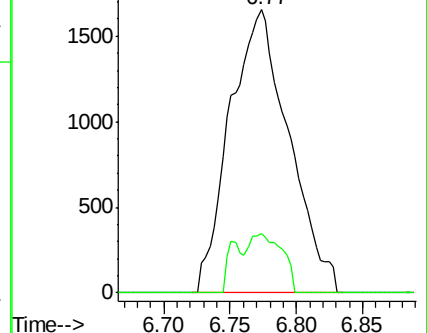
77 100

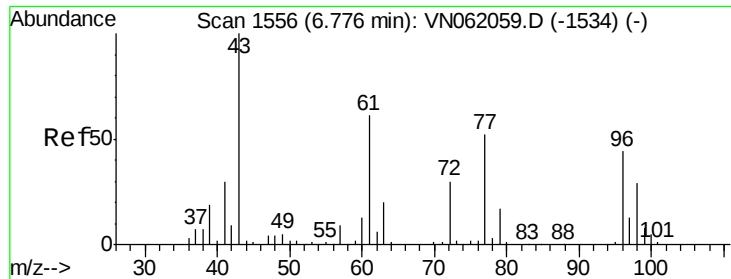
97 11.6 11.8 35.3#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

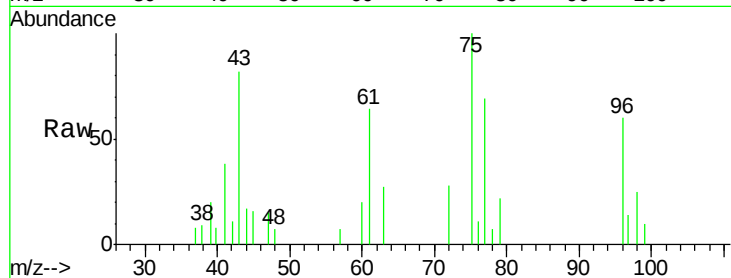




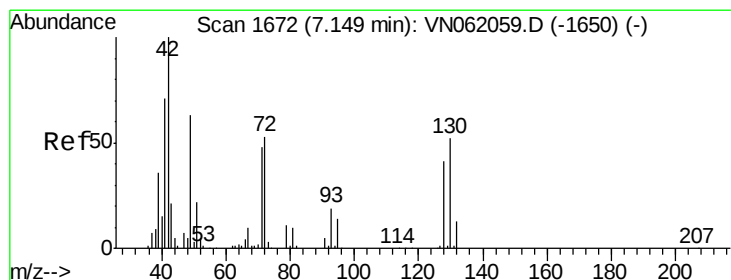
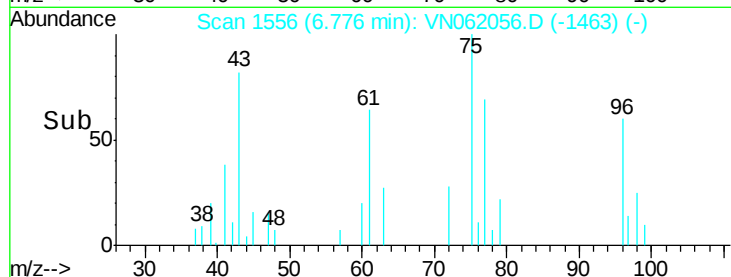
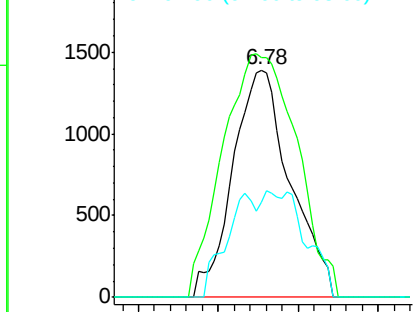
#27  
 cis-1,2-Dichloroethene  
 Concen: 1.287 ug/l  
 RT: 6.78 min Scan# 1556  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 96 Resp: 3427  
 Ion Ratio Lower Upper  
 96 100  
 61 138.3 0.0 280.4  
 98 23.7 0.0 129.4

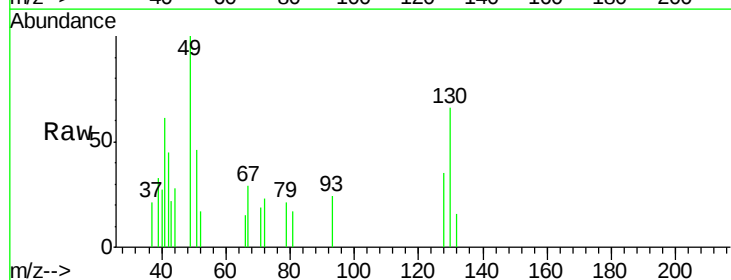


Abundance Ion 95.90 (95.60 to 96.60): VN0  
 Ion 60.90 (60.60 to 61.60): VN0  
 Ion 97.90 (97.60 to 98.60): VN0

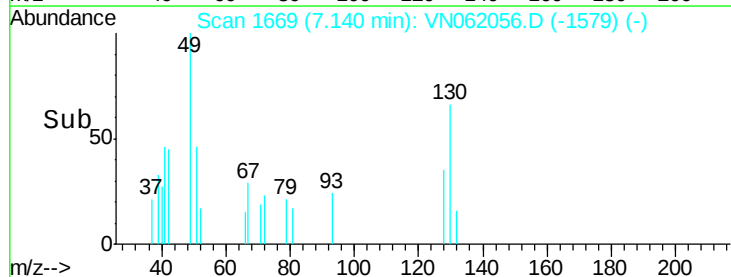
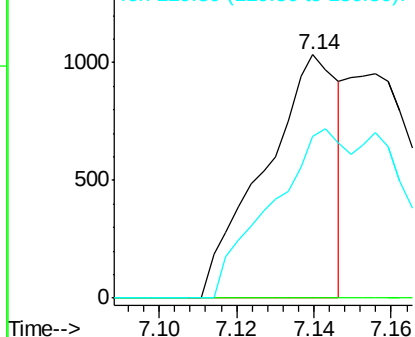


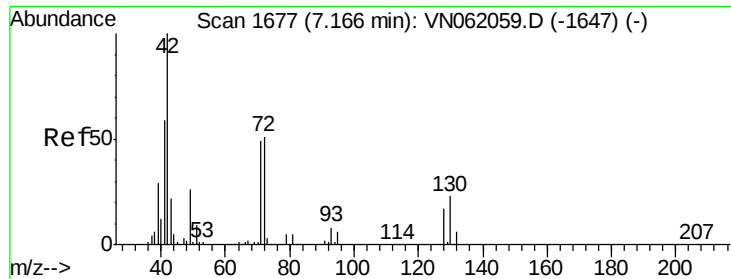
#28  
 Bromochloromethane  
 Concen: 0.762 ug/l  
 RT: 7.14 min Scan# 1669  
 Delta R.T. -0.01 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 49 Resp: 1371  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.4  
 130 73.3 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN0  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 2.876 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

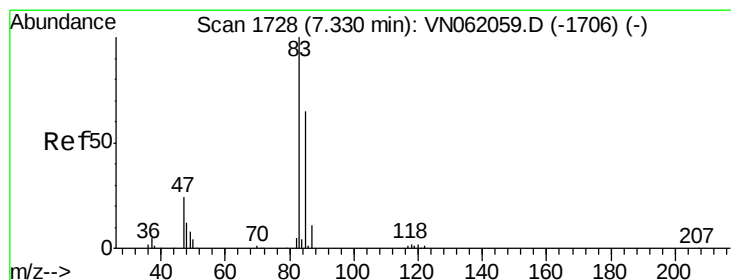
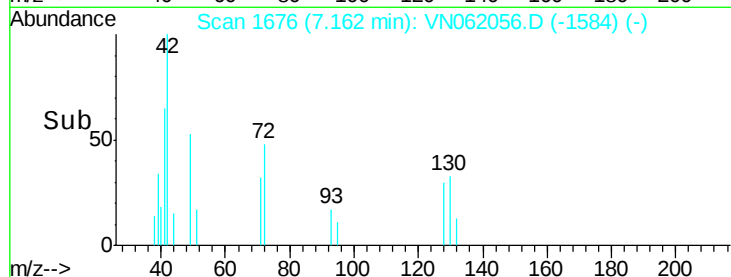
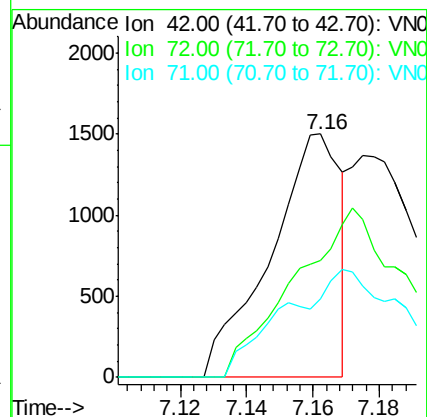
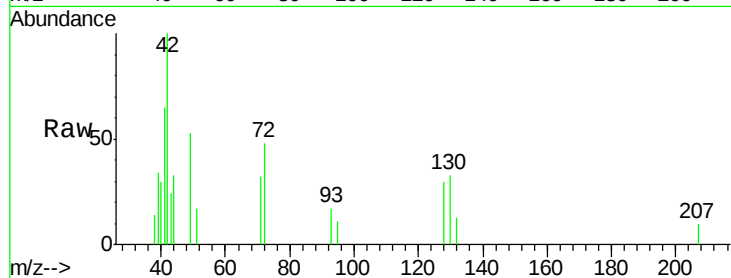
Tgt Ion: 42 Resp: 2214

Ion Ratio Lower Upper

42 100

72 113.9 41.1 61.7#

71 53.2 38.2 57.4



#30

Chloroform

Concen: 1.310 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062056.D

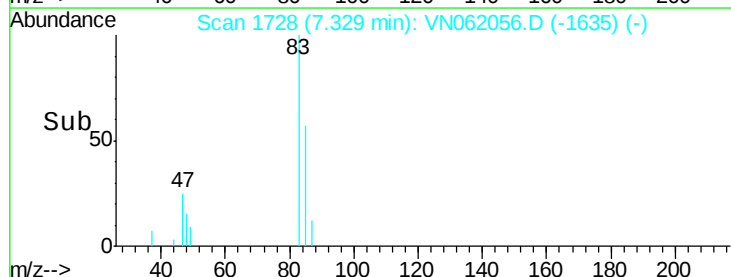
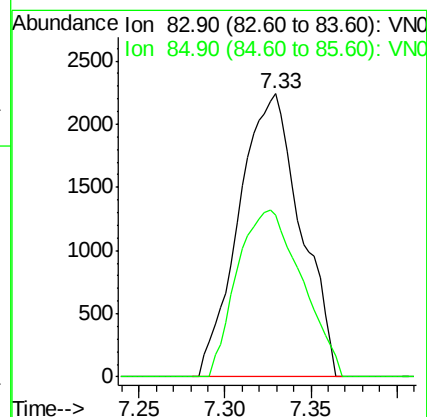
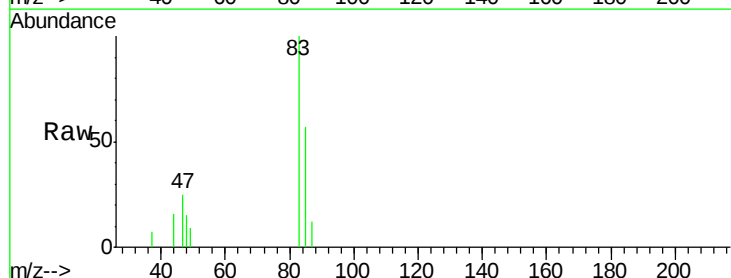
Acq: 24 Jun 2020 9:42

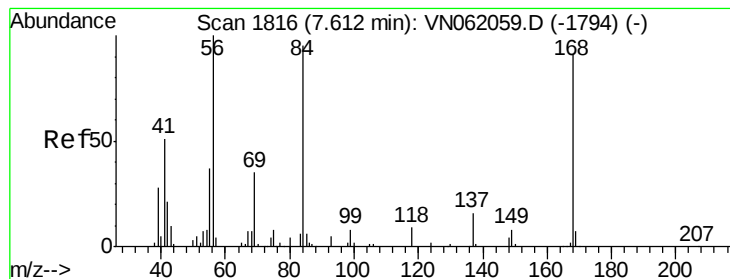
Tgt Ion: 83 Resp: 5600

Ion Ratio Lower Upper

83 100

85 57.0 52.3 78.5





#31

Cyclohexane

Concen: 2.247 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

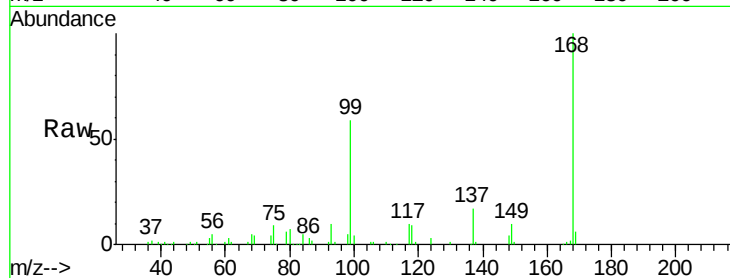
Tgt Ion: 56 Resp: 7927

Ion Ratio Lower Upper

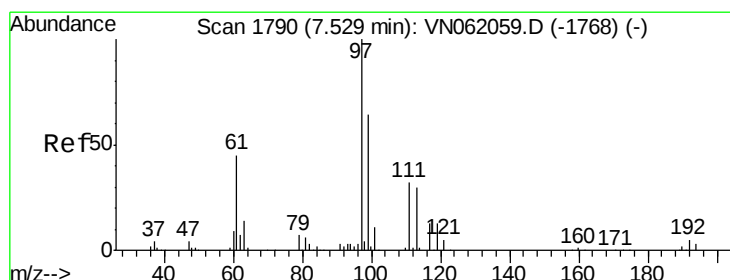
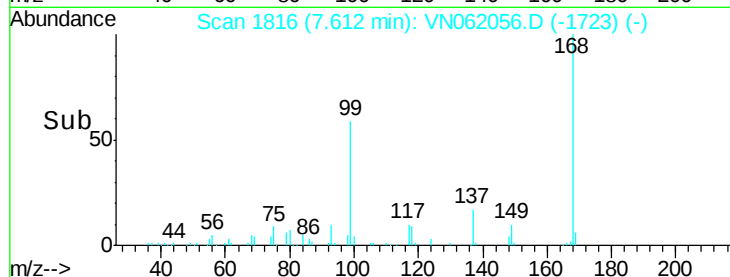
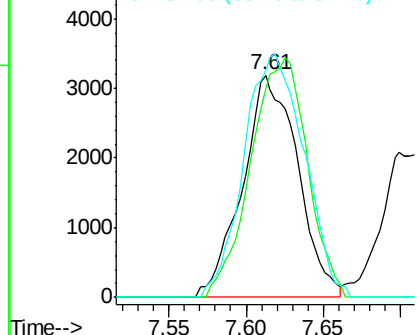
56 100

69 94.1 28.0 42.0#

84 102.0 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 1.221 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

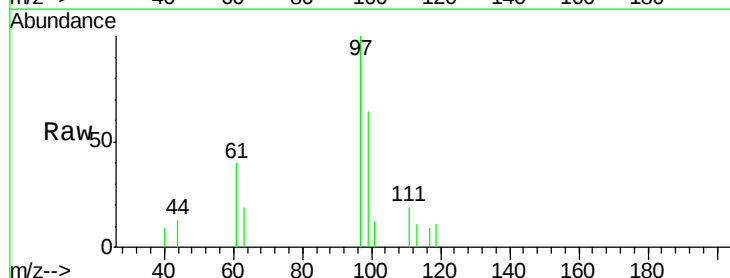
Tgt Ion: 97 Resp: 4440

Ion Ratio Lower Upper

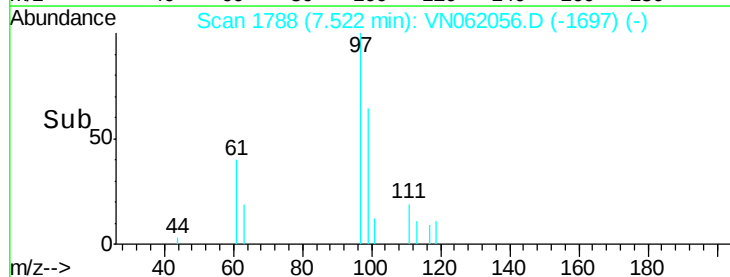
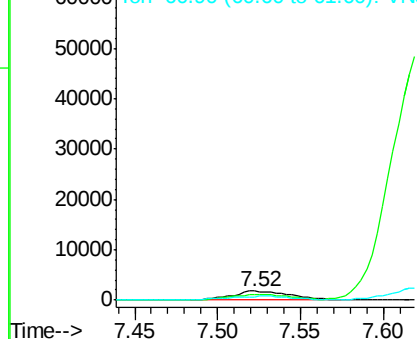
97 100

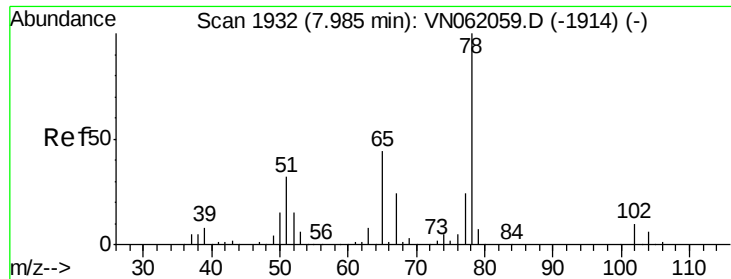
99 0.0 51.0 76.4#

61 48.3 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VNO  
Ion 98.90 (98.60 to 99.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO

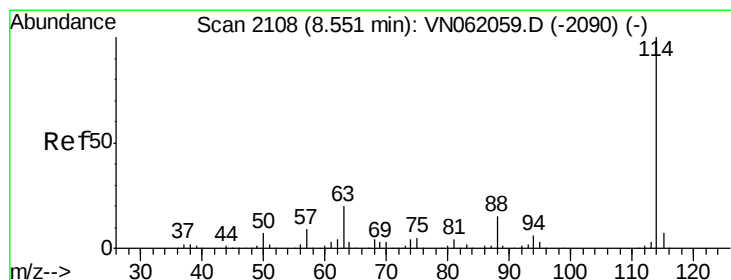
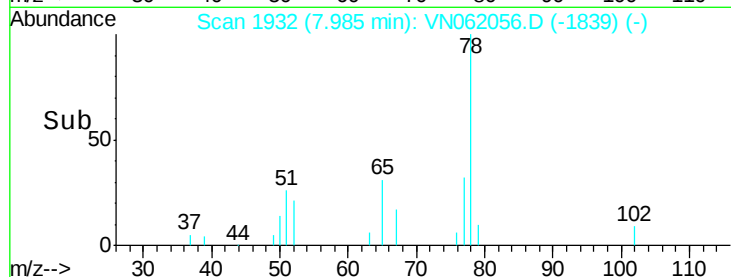
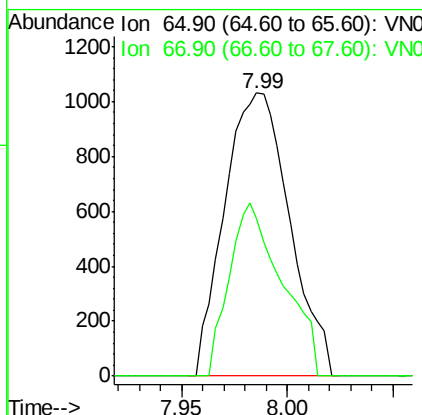
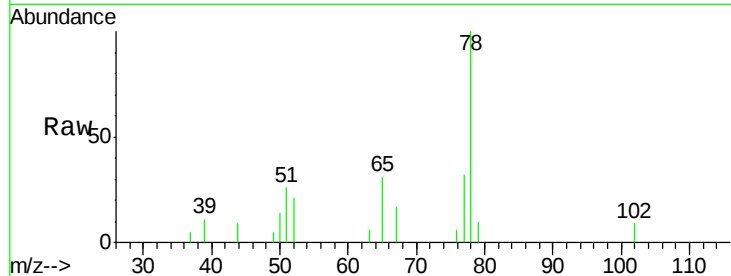




#33  
 1,2-Dichloroethane-d4  
 Concen: 0.835 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

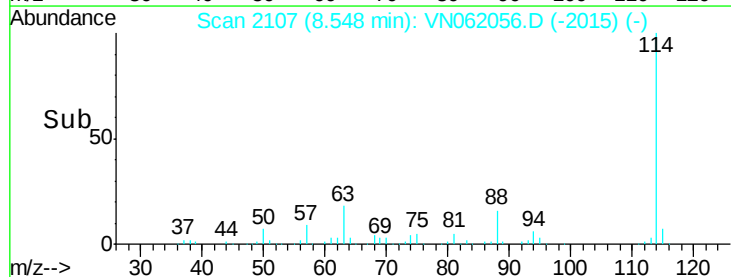
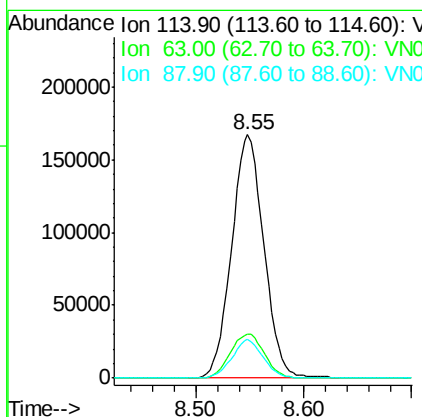
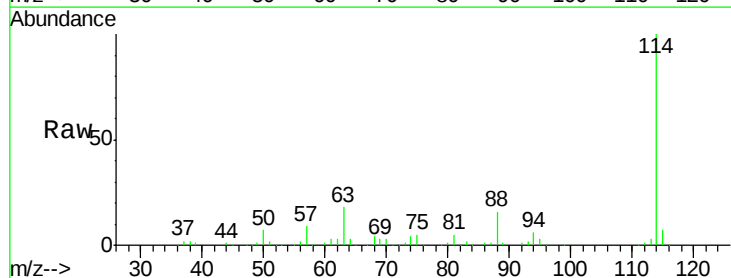
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 65 Resp: 2209  
 Ion Ratio Lower Upper  
 65 100  
 67 49.6 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 114 Resp: 348736  
 Ion Ratio Lower Upper  
 114 100  
 63 18.1 0.0 39.2  
 88 15.7 0.0 30.8

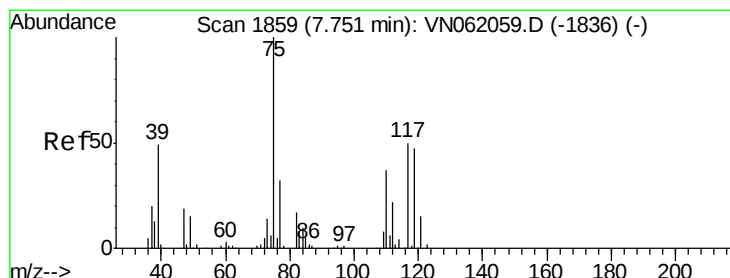
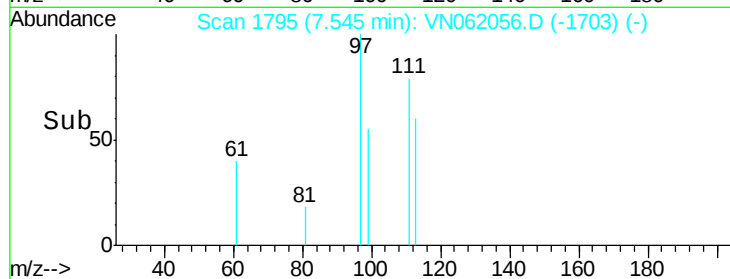
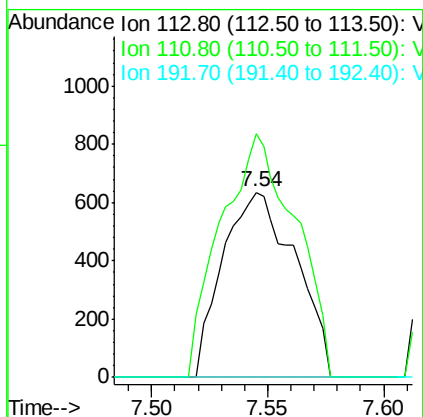
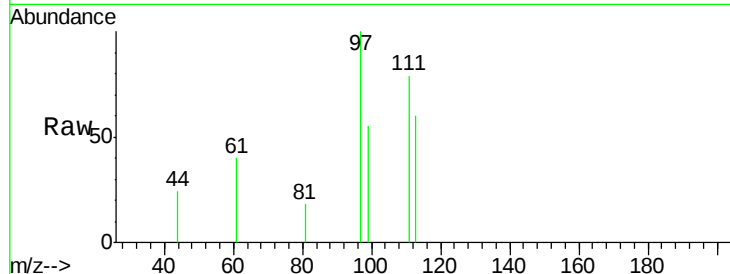




#35  
Dibromofluoromethane  
Concen: 0.626 ug/l  
RT: 7.54 min Scan# 1795  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

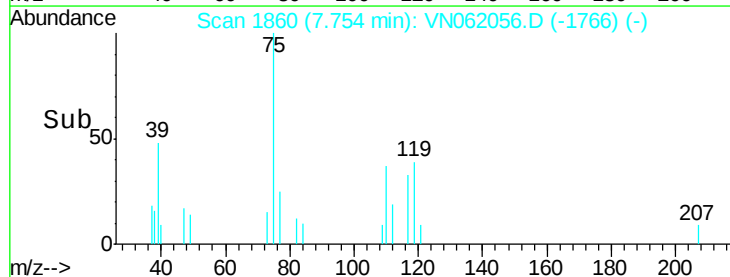
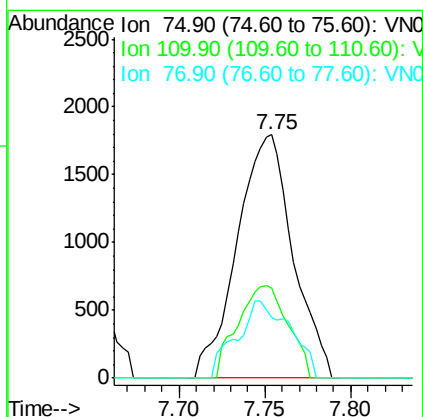
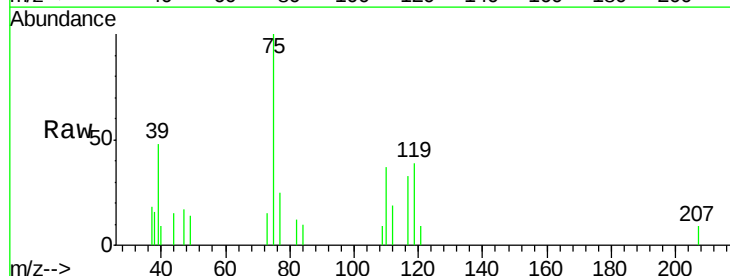
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 113 Resp: 1385  
Ion Ratio Lower Upper  
113 100  
111 134.9 82.2 123.4#  
192 0.0 14.0 21.0#



#36  
1,1-Dichloropropene  
Concen: 1.270 ug/l  
RT: 7.75 min Scan# 1860  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 75 Resp: 4050  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.9 53.8  
77 30.4 24.9 37.3

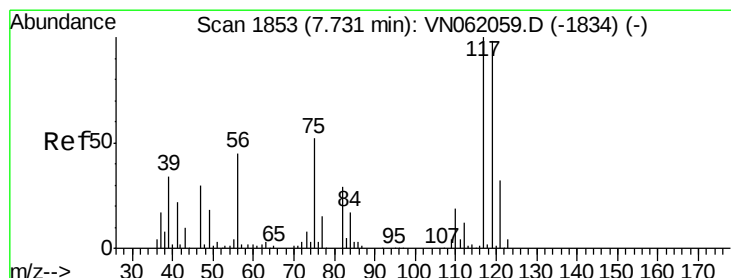
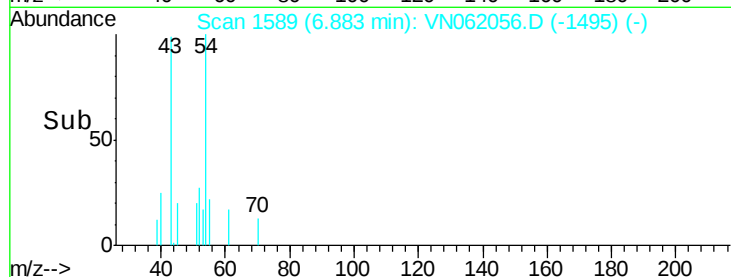
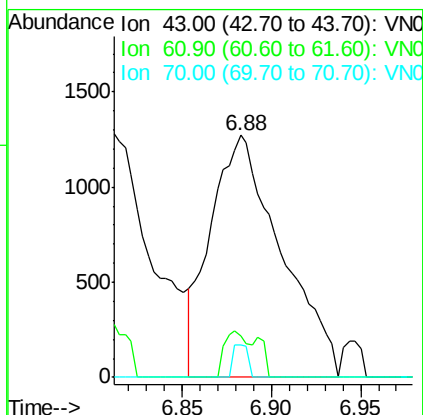
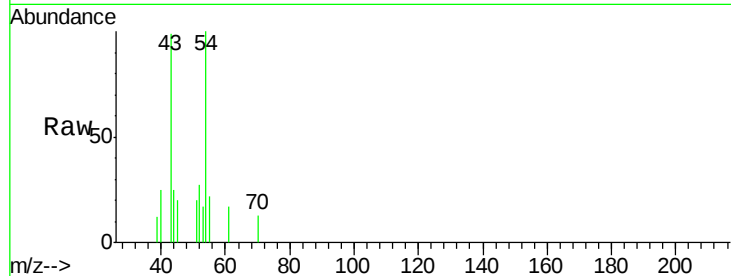




#37  
**Ethyl Acetate**  
 Concen: 1.388 ug/l  
 RT: 6.88 min Scan# 1589  
 Delta R.T. 0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

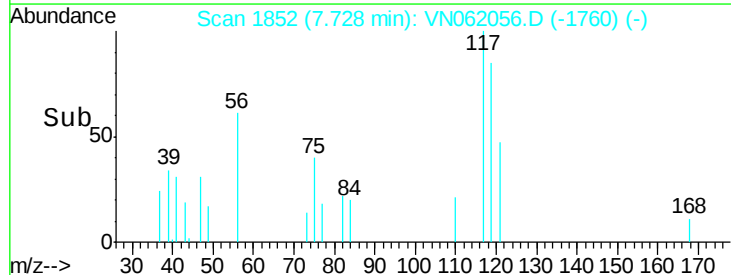
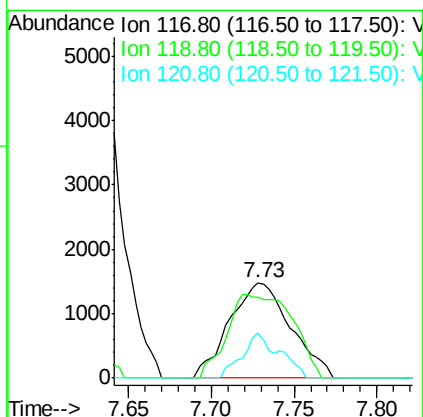
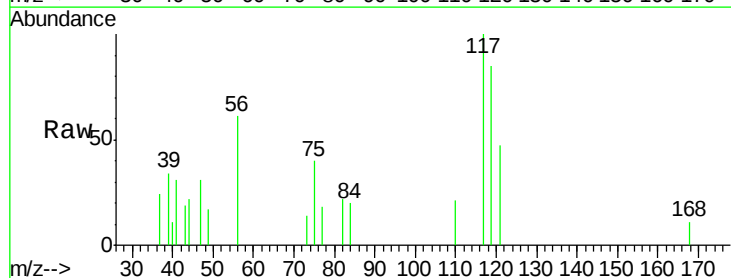
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

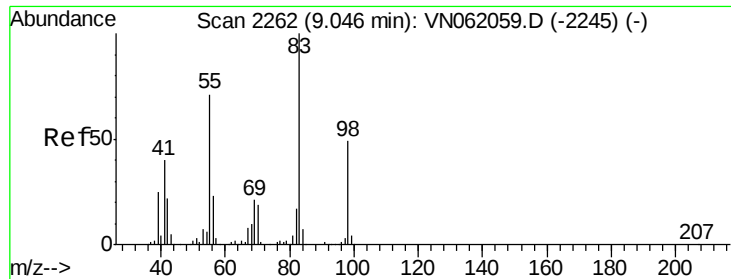
Tgt Ion: 43 Resp: 3505  
 Ion Ratio Lower Upper  
 43 100  
 61 8.8 12.0 18.0#  
 70 2.7 9.6 14.4#



#38  
**Carbon Tetrachloride**  
 Concen: 1.207 ug/l  
 RT: 7.73 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 117 Resp: 3790  
 Ion Ratio Lower Upper  
 117 100  
 119 84.9 78.2 117.2  
 121 47.0 25.8 38.6#

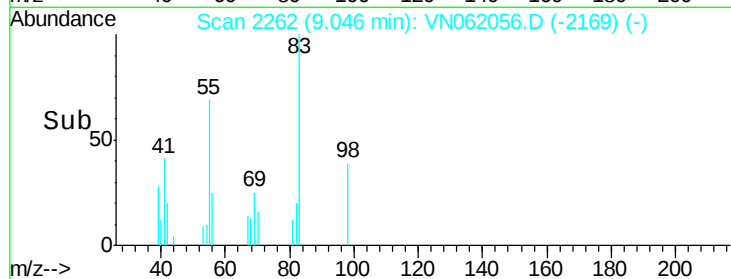
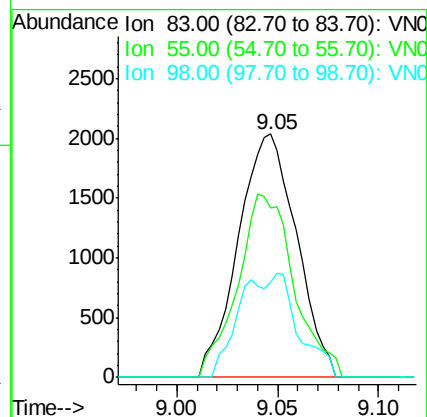
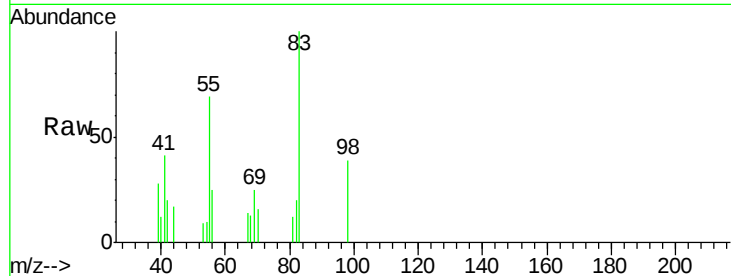




#39  
Methylcyclohexane  
Concen: 1.192 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

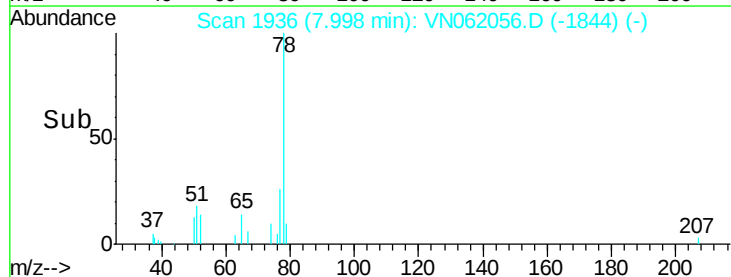
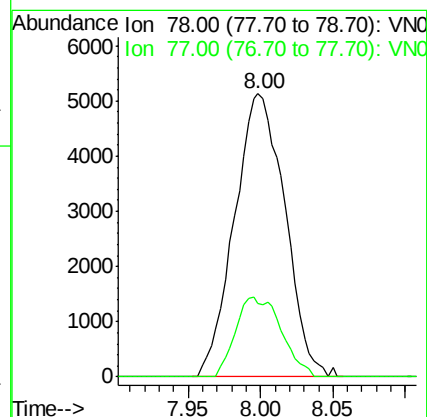
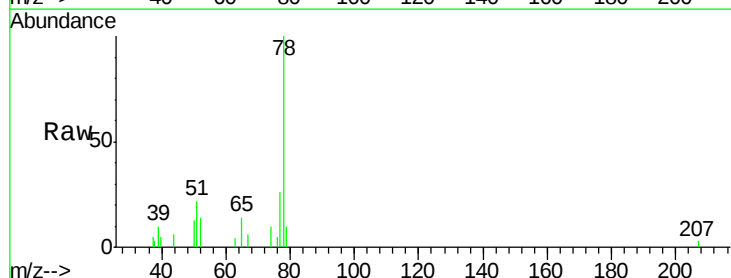
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

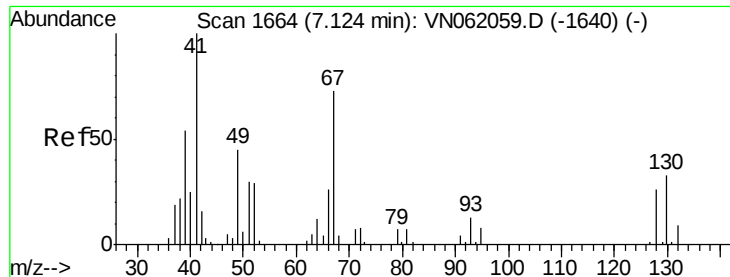
Tgt Ion: 83 Resp: 4094  
Ion Ratio Lower Upper  
83 100  
55 69.4 57.0 85.6  
98 39.2 39.0 58.6



#40  
Benzene  
Concen: 1.276 ug/l  
RT: 8.00 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 78 Resp: 12383  
Ion Ratio Lower Upper  
78 100  
77 26.0 19.5 29.3

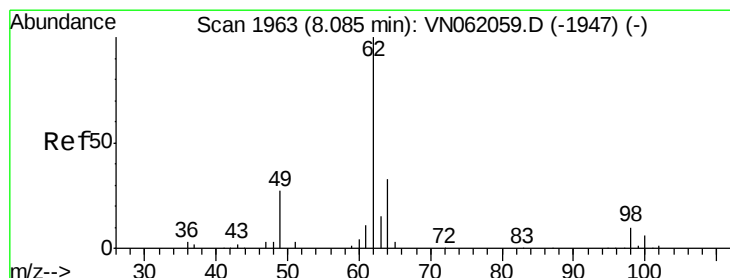
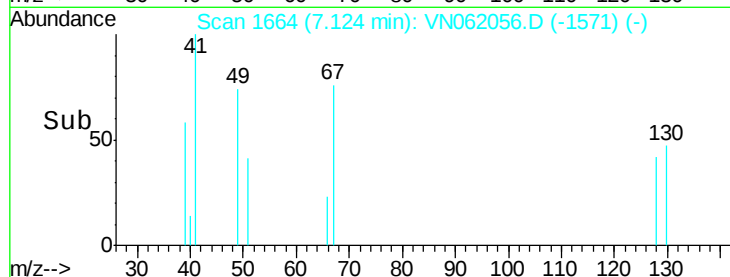
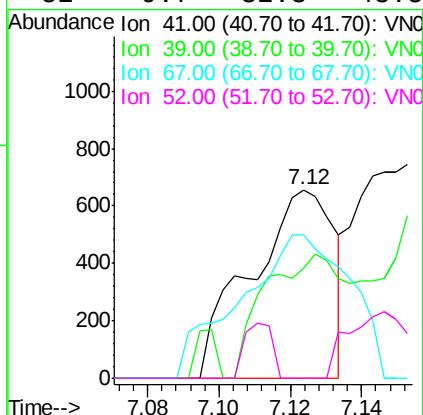
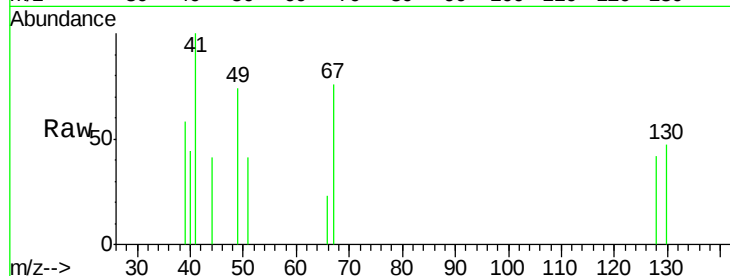




#41  
Methacrylonitrile  
Concen: 0.962 ug/l  
RT: 7.12 min Scan# 1664  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

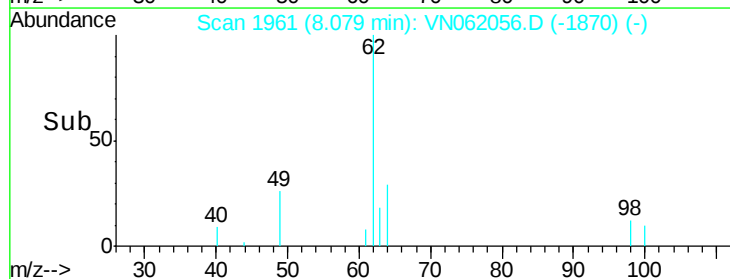
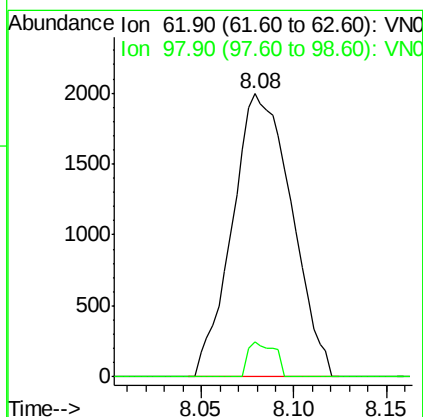
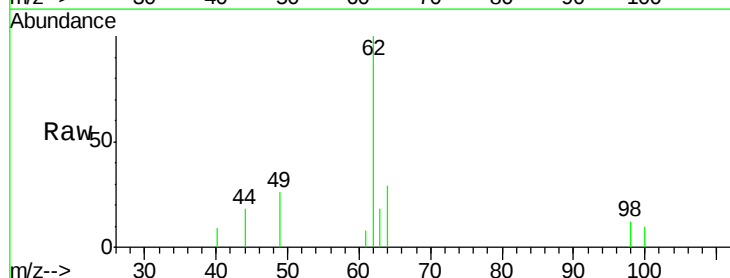
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

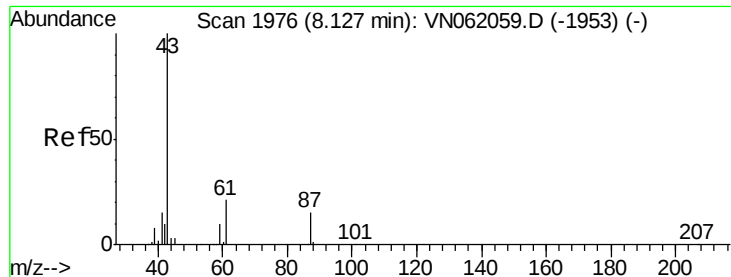
Tgt Ion: 41 Resp: 1059  
Ion Ratio Lower Upper  
41 100  
39 62.9 44.2 66.2  
67 99.8 79.5 119.3  
52 9.7 32.3 48.5#



#42  
1,2-Dichloroethane  
Concen: 1.341 ug/l  
RT: 8.08 min Scan# 1961  
Delta R.T. -0.01 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 62 Resp: 4431  
Ion Ratio Lower Upper  
62 100  
98 5.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 1.203 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

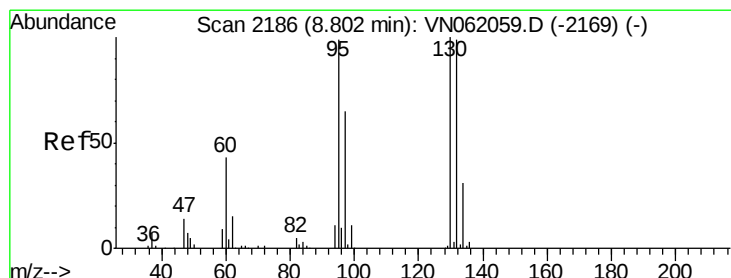
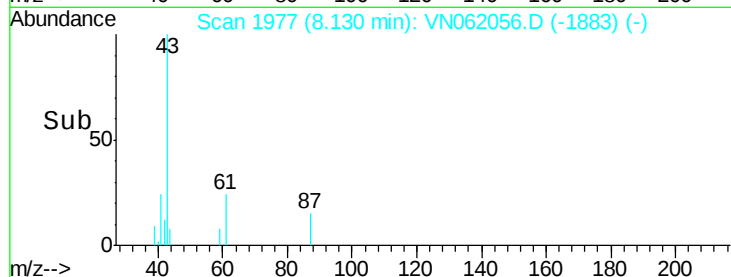
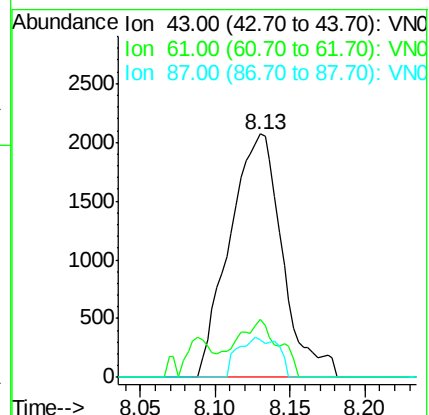
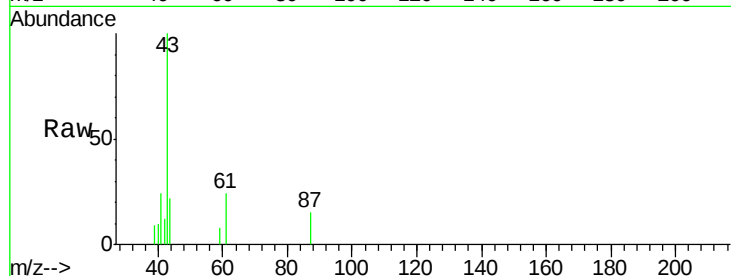
Tgt Ion: 43 Resp: 5086

Ion Ratio Lower Upper

43 100

61 17.8 17.2 25.8

87 12.4 12.1 18.1



#44

Trichloroethene

Concen: 1.347 ug/l

RT: 8.80 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VN062056.D

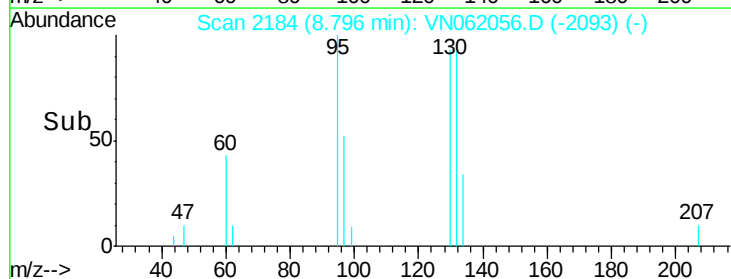
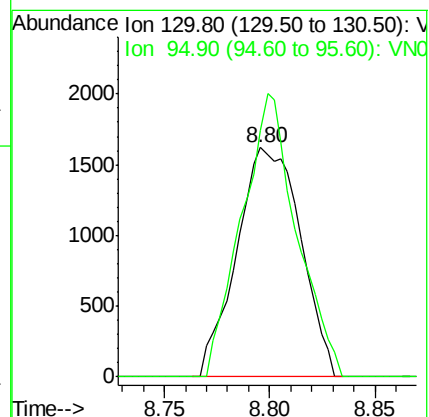
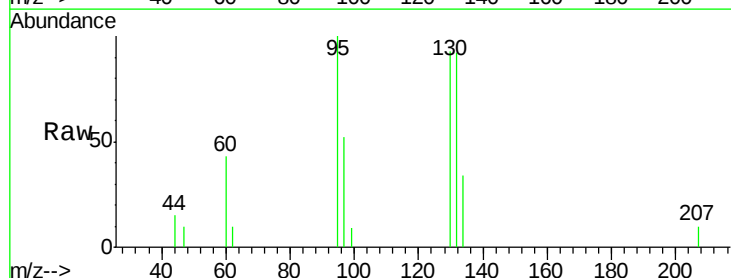
Acq: 24 Jun 2020 9:42

Tgt Ion: 130 Resp: 3408

Ion Ratio Lower Upper

130 100

95 107.6 0.0 197.8

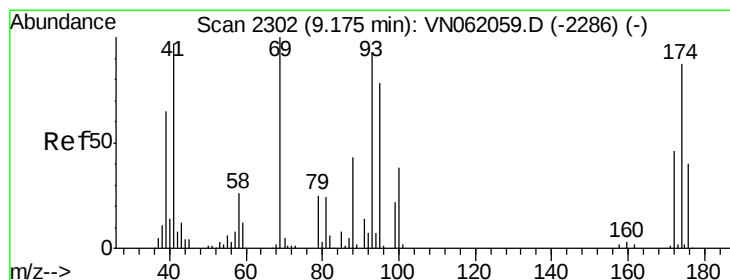
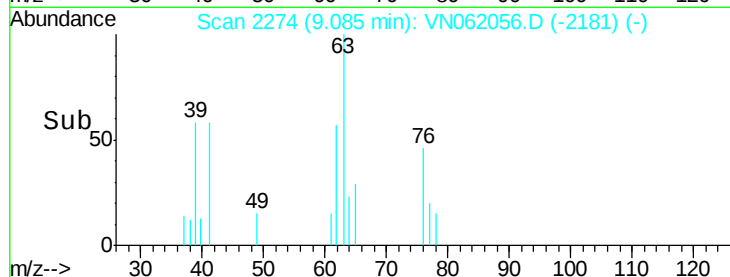
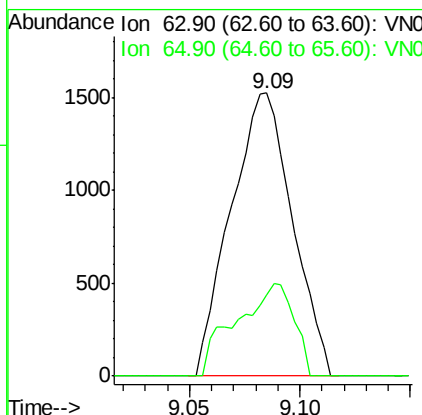
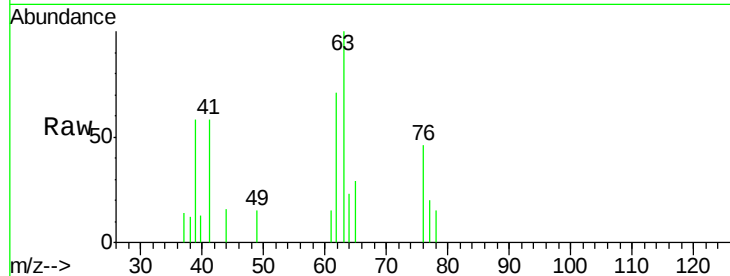




#45  
 1,2-Dichloropropane  
 Concen: 1.238 ug/l  
 RT: 9.09 min Scan# 2274  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

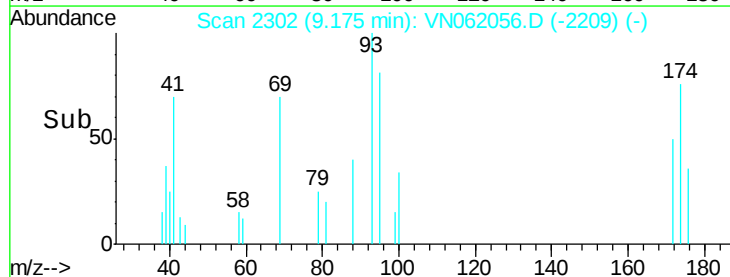
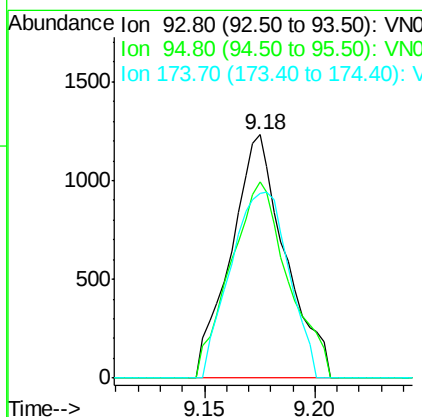
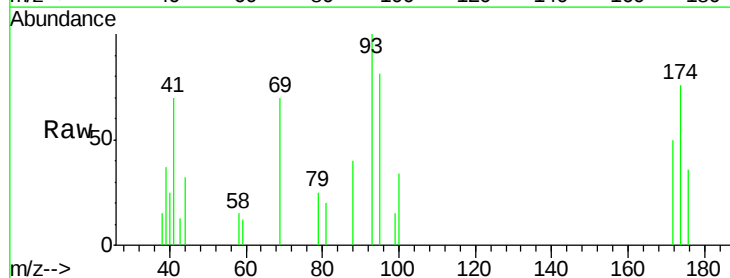
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 63 Resp: 2948  
 Ion Ratio Lower Upper  
 63 100  
 65 28.7 25.0 37.4



#46  
 Dibromomethane  
 Concen: 1.263 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 93 Resp: 2106  
 Ion Ratio Lower Upper  
 93 100  
 95 85.9 67.0 100.6  
 174 82.1 74.4 111.6

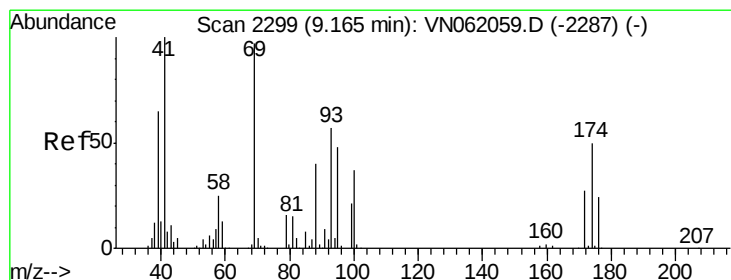
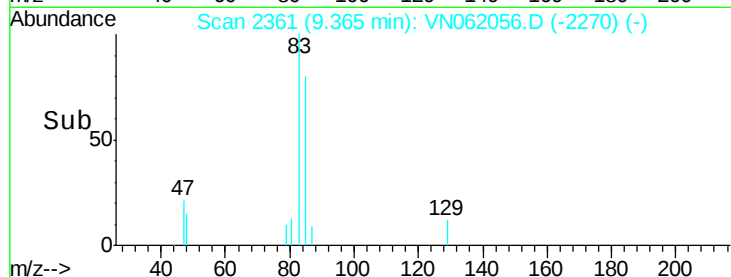
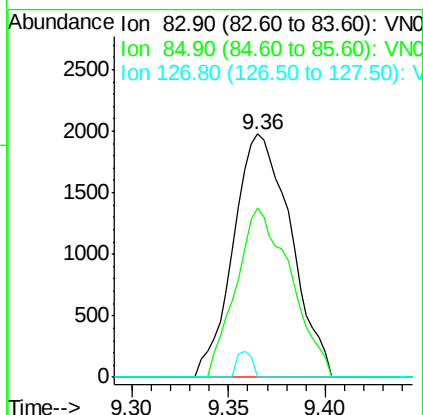
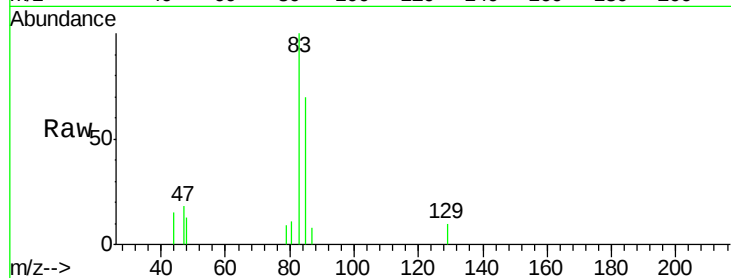




#47  
Bromodichloromethane  
Concen: 1.191 ug/l  
RT: 9.36 min Scan# 2361  
Delta R.T. -0.01 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

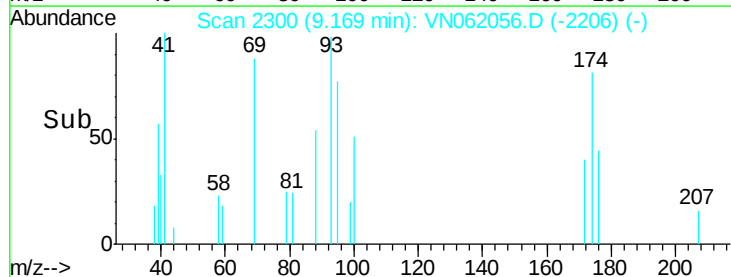
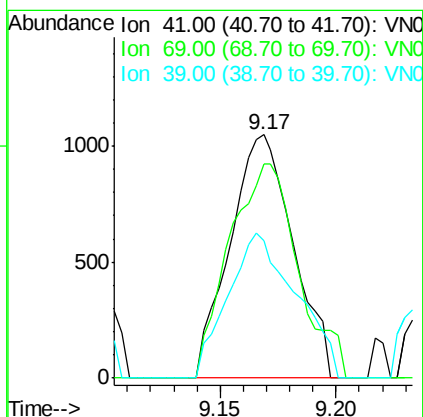
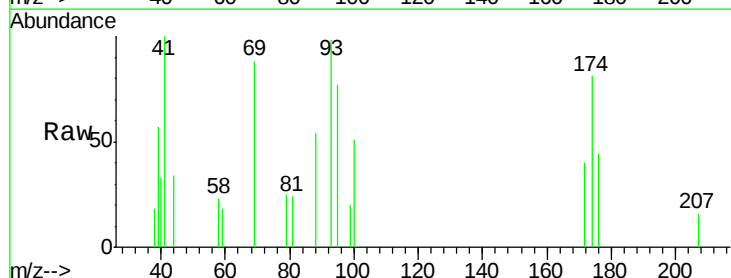
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion: 83 Resp: 4078  
Ion Ratio Lower Upper  
83 100  
85 69.5 50.3 75.5  
127 0.0 6.9 10.3#



#48  
Methyl methacrylate  
Concen: 1.027 ug/l  
RT: 9.17 min Scan# 2300  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 41 Resp: 1985  
Ion Ratio Lower Upper  
41 100  
69 96.1 80.7 121.1  
39 64.5 54.5 81.7

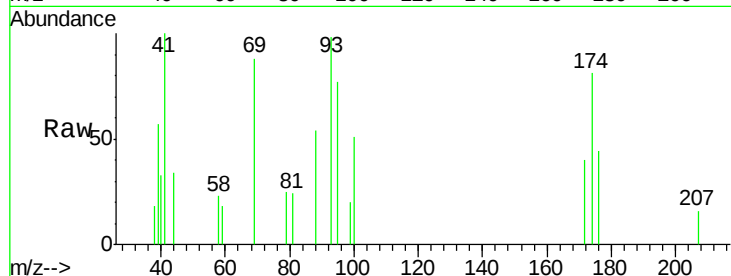




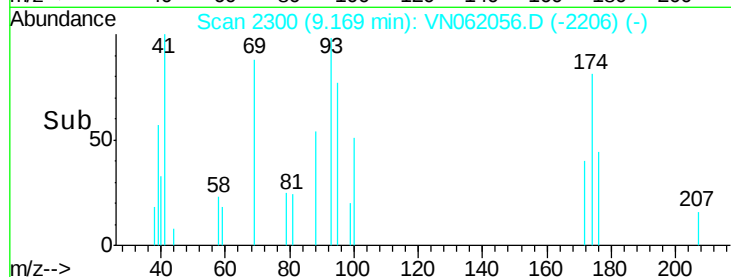
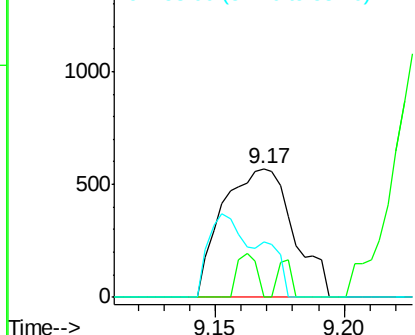
#49  
1,4-Dioxane  
Concen: 24.543 ug/l  
RT: 9.17 min Scan# 2300  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion: 88 Resp: 1091  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.0 33.0#  
58 34.8 49.2 73.8#

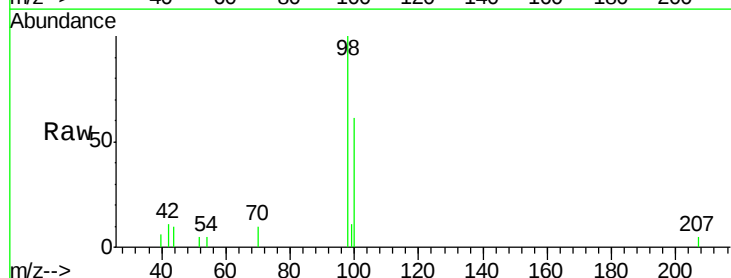


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

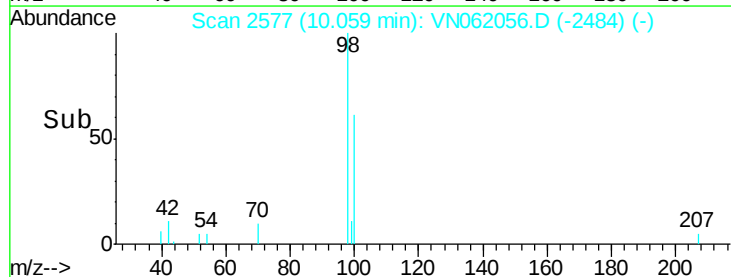
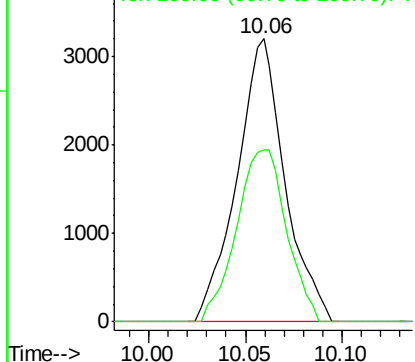


#50  
Toluene-d8  
Concen: 0.633 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 98 Resp: 5537  
Ion Ratio Lower Upper  
98 100  
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0

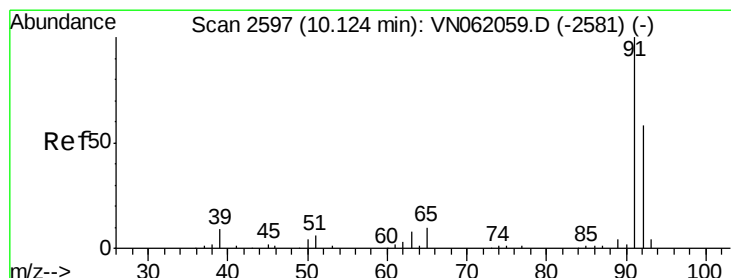
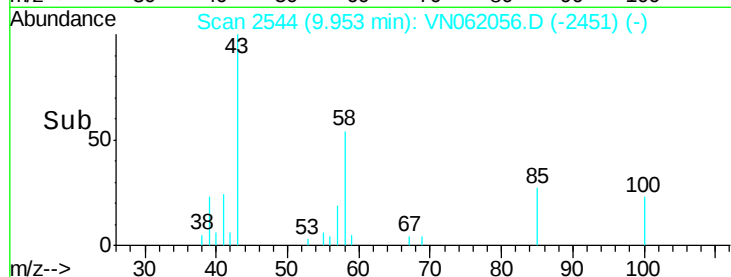
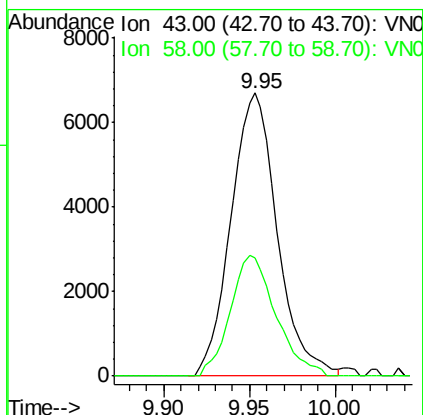
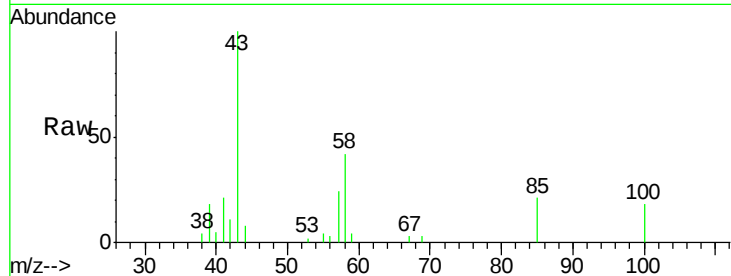




#51  
 4-Methyl-2-Pentanone  
 Concen: 4.986 ug/l  
 RT: 9.95 min Scan# 2544  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

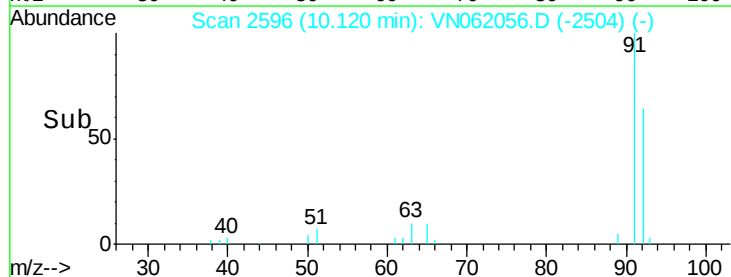
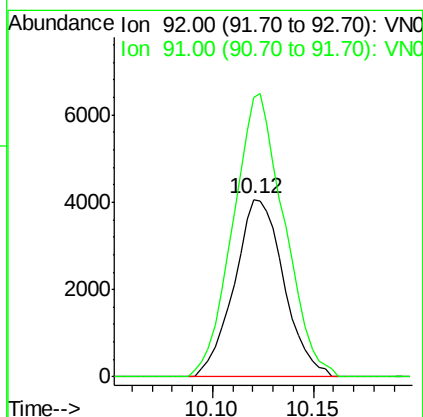
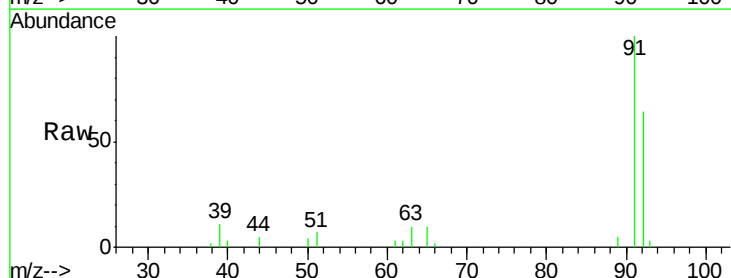
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

Tgt Ion: 43 Resp: 12537  
 Ion Ratio Lower Upper  
 43 100  
 58 42.1 34.2 51.2



#52  
 Toluene  
 Concen: 1.149 ug/l  
 RT: 10.12 min Scan# 2596  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 92 Resp: 6982  
 Ion Ratio Lower Upper  
 92 100  
 91 164.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 1.144 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampled :

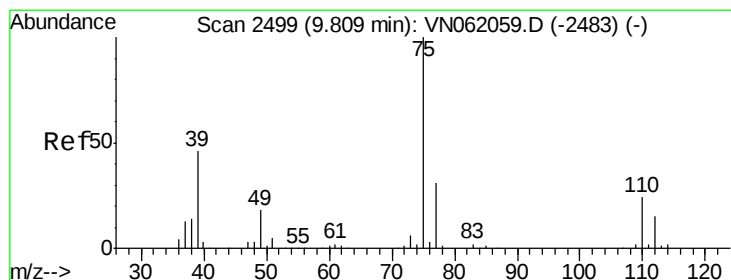
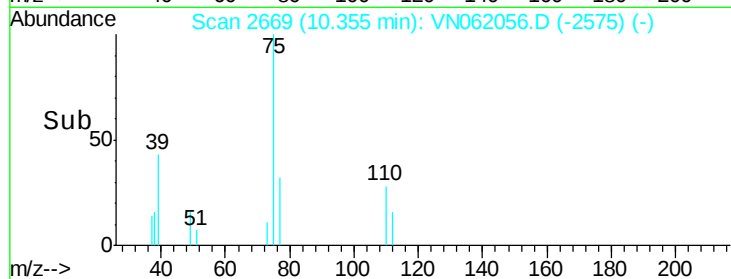
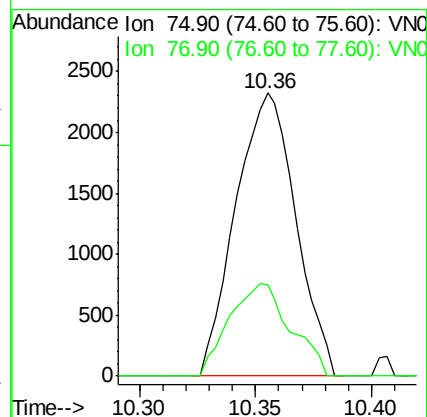
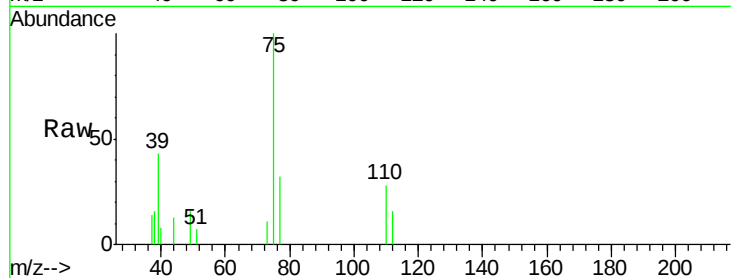
VSTDIC001

Tgt Ion: 75 Resp: 4183

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 1.106 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

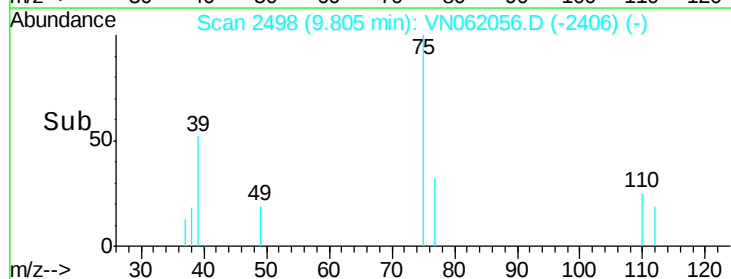
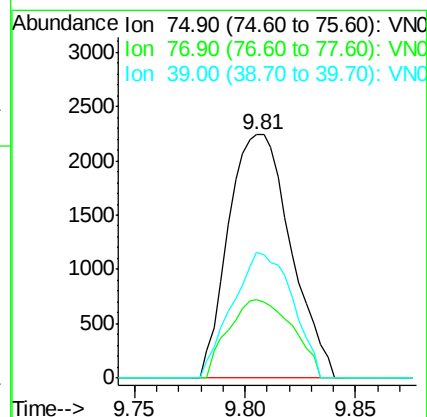
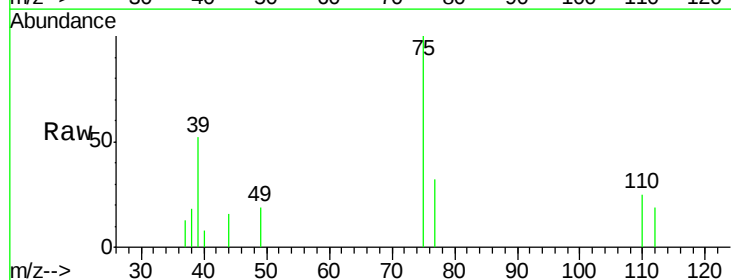
Tgt Ion: 75 Resp: 4384

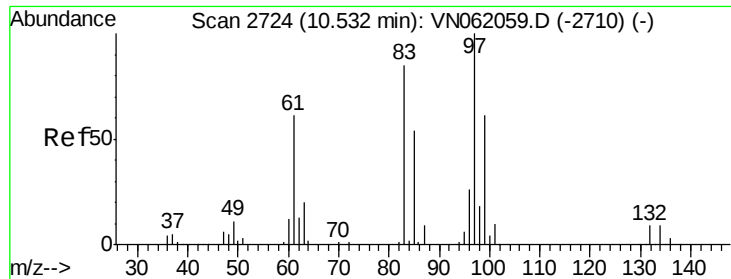
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

39 51.8 36.9 55.3

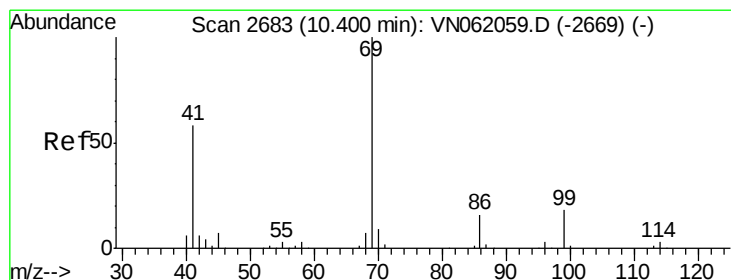
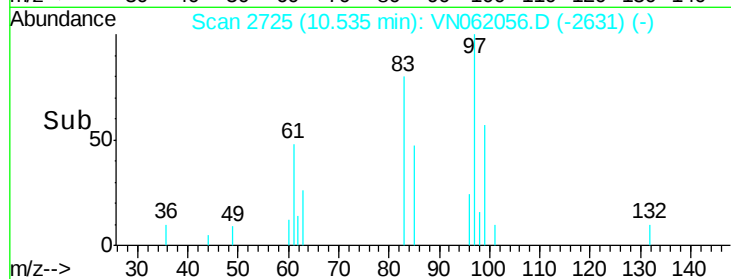
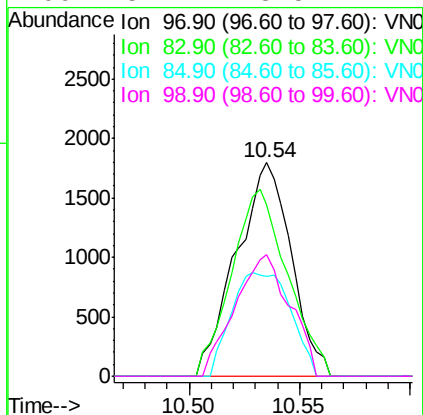
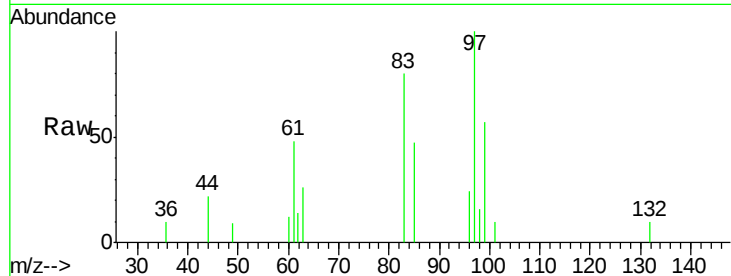




#55  
1,1,2-Trichloroethane  
Concen: 1.290 ug/l  
RT: 10.54 min Scan# 2725  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

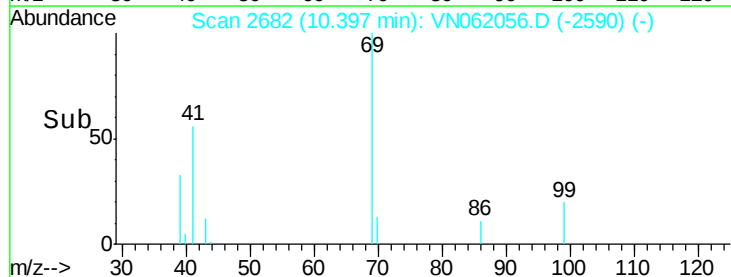
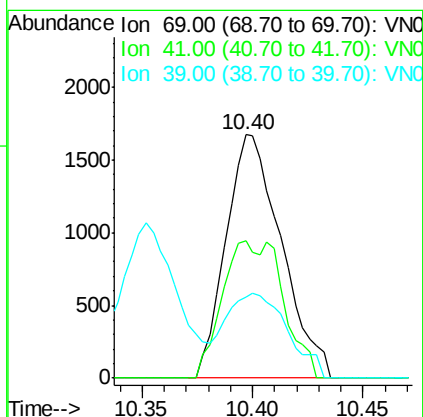
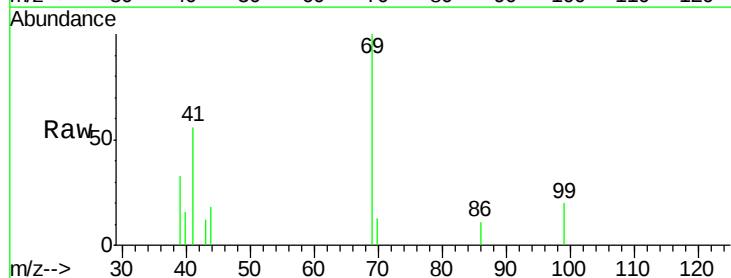
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ClientSampled :  
VSTDIC001

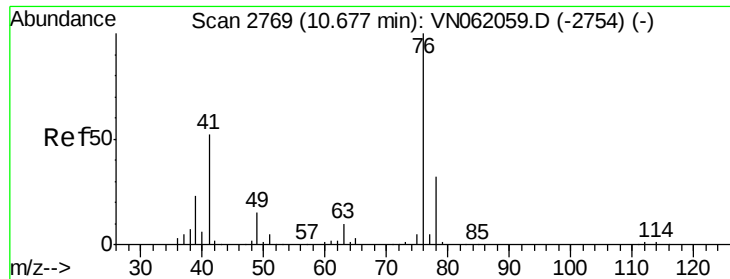
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 3090  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.5  | 68.2  | 102.2 |
| 85       | 46.9  | 43.2  | 64.8  |
| 99       | 57.1  | 48.5  | 72.7  |



#56  
Ethyl methacrylate  
Concen: 0.910 ug/l  
RT: 10.40 min Scan# 2682  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 2917  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 61.6  | 46.6  | 70.0  |
| 39       | 38.9  | 31.0  | 46.4  |

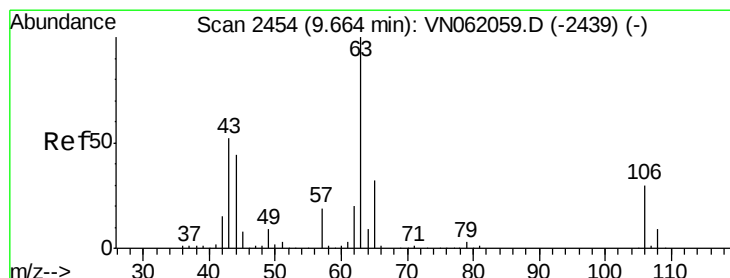
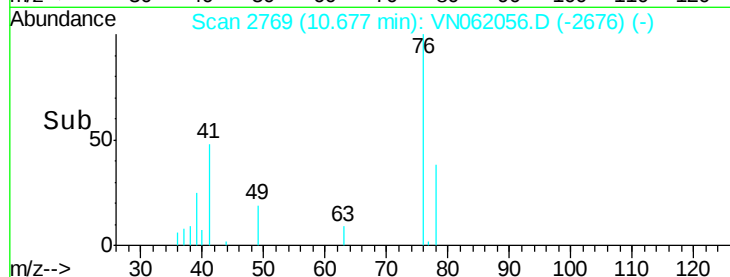
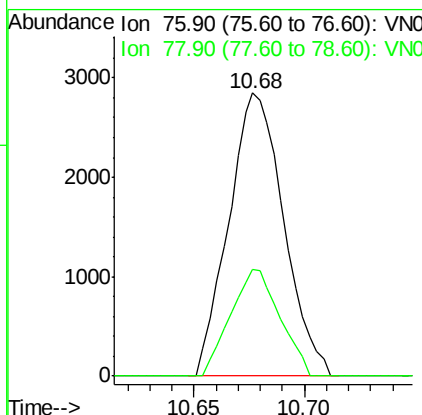
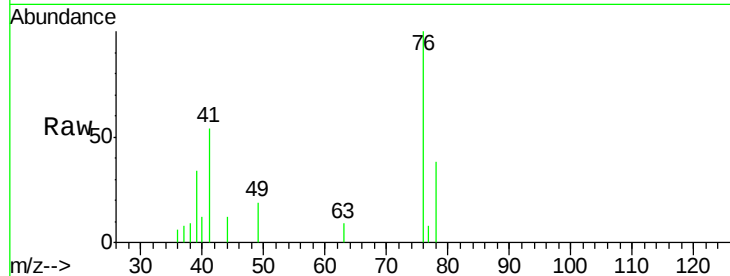




#57  
 1,3-Dichloropropane  
 Concen: 1.208 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

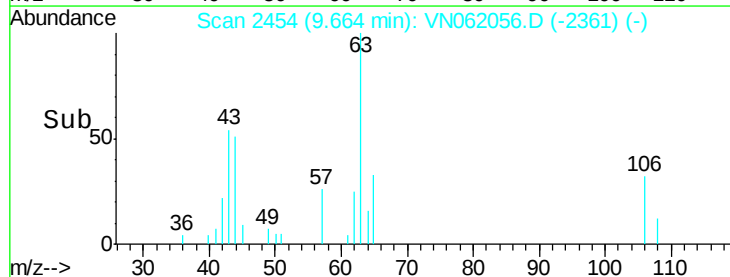
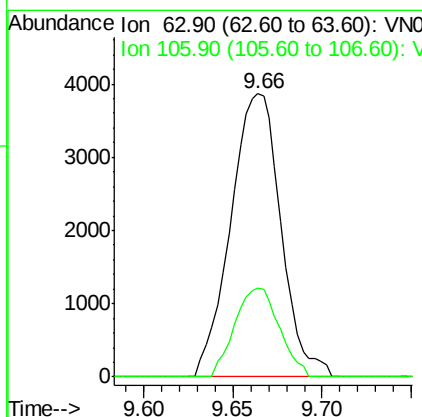
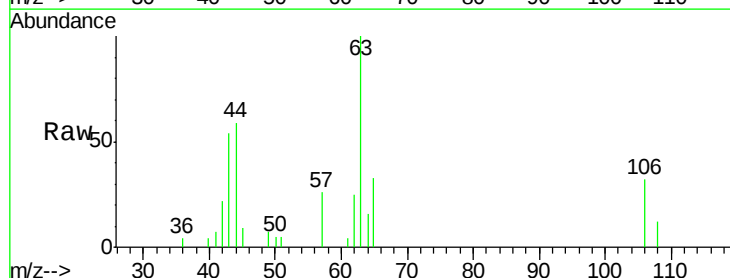
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 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

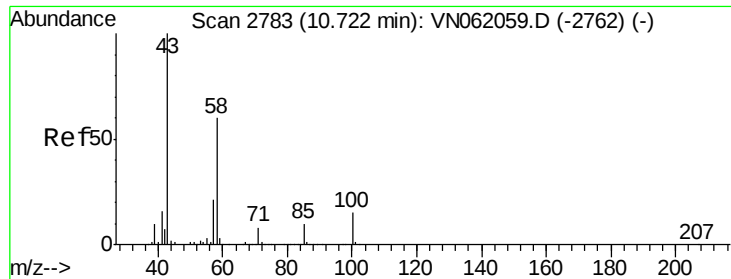
Tgt Ion: 76 Resp: 4905  
 Ion Ratio Lower Upper  
 76 100  
 78 33.8 25.8 38.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 6.012 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 63 Resp: 7589  
 Ion Ratio Lower Upper  
 63 100  
 106 27.8 23.2 34.8

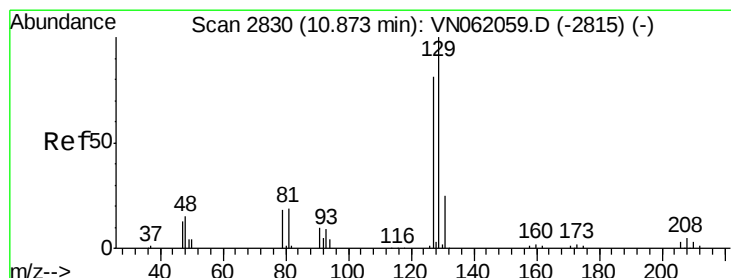
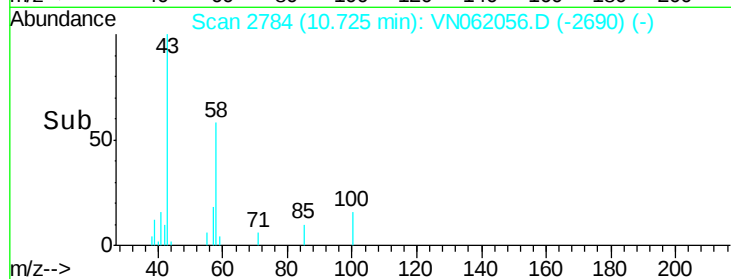
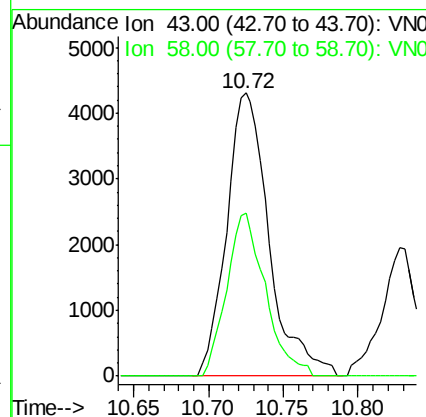
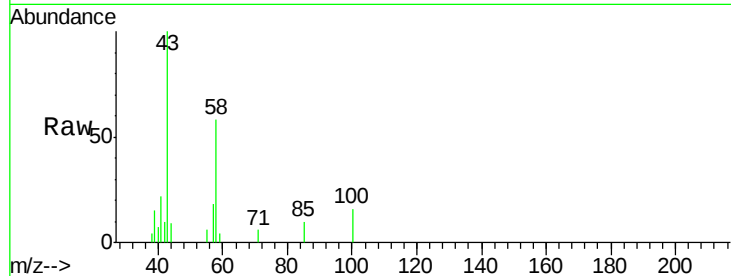




#59  
2-Hexanone  
Concen: 4.703 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

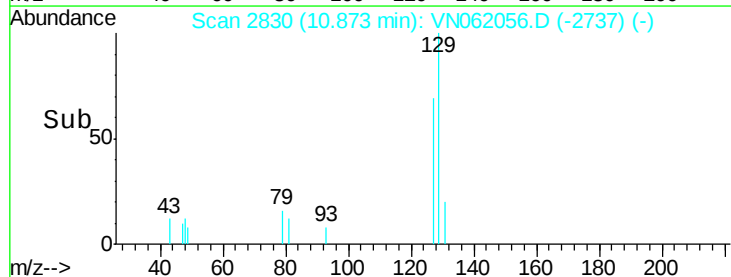
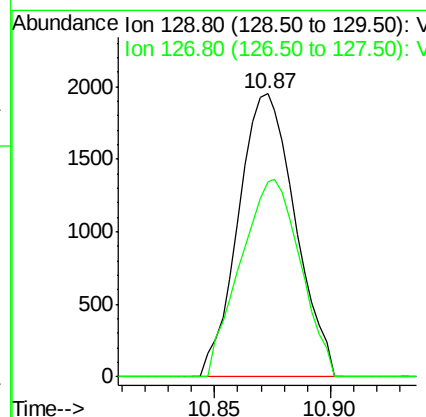
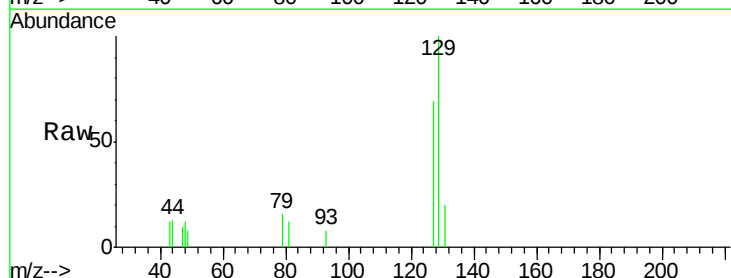
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

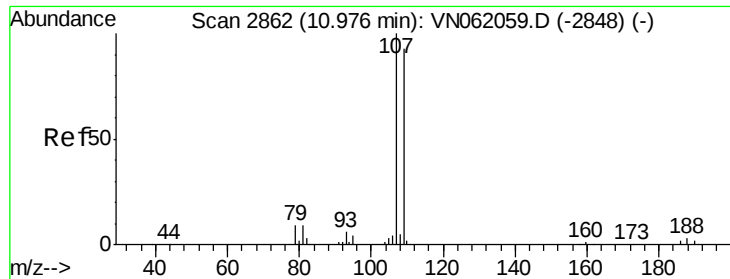
Tgt Ion: 43 Resp: 8496  
Ion Ratio Lower Upper  
43 100  
58 52.4 29.5 88.5



#60  
Dibromochloromethane  
Concen: 1.258 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 129 Resp: 3330  
Ion Ratio Lower Upper  
129 100  
127 73.3 39.5 118.5





#61

1,2-Dibromoethane

Concen: 1.205 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

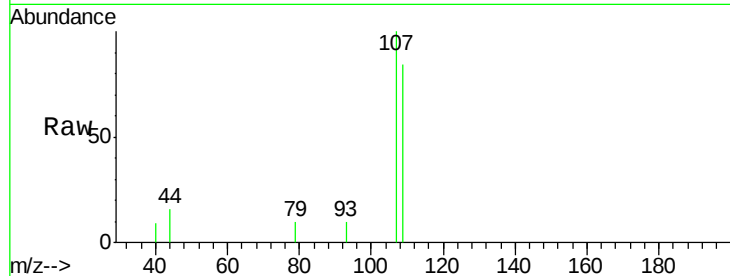
VSTDIC001

Tgt Ion: 107 Resp: 3002

Ion Ratio Lower Upper

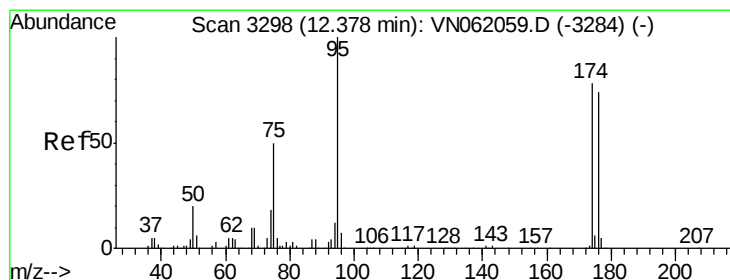
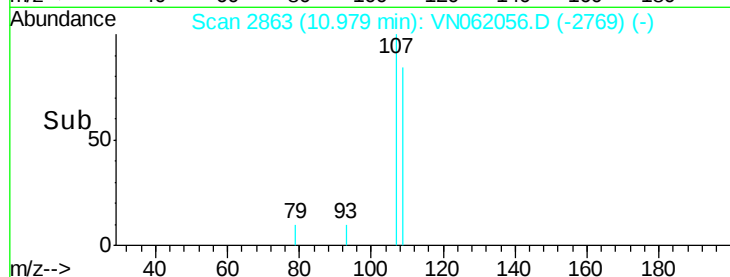
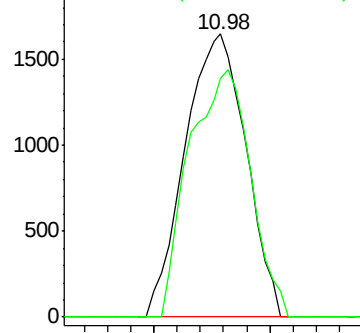
107 100

109 87.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.555 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

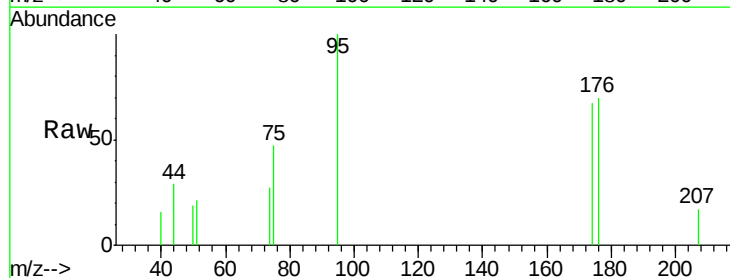
Tgt Ion: 95 Resp: 1660

Ion Ratio Lower Upper

95 100

174 77.2 0.0 154.8

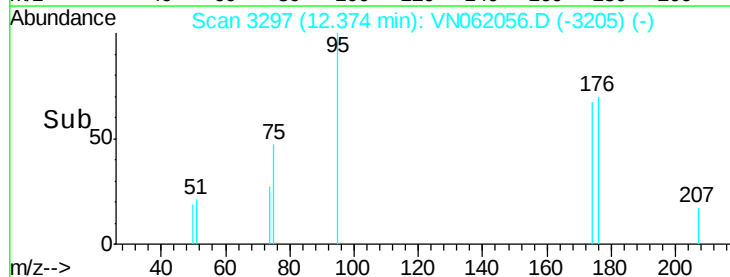
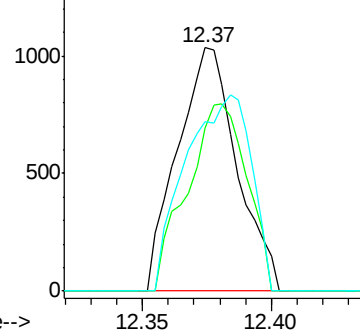
176 89.5 0.0 147.4

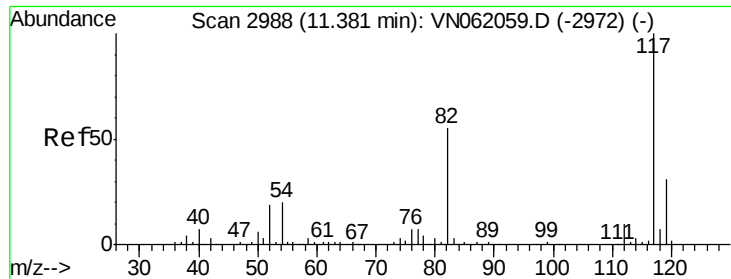


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

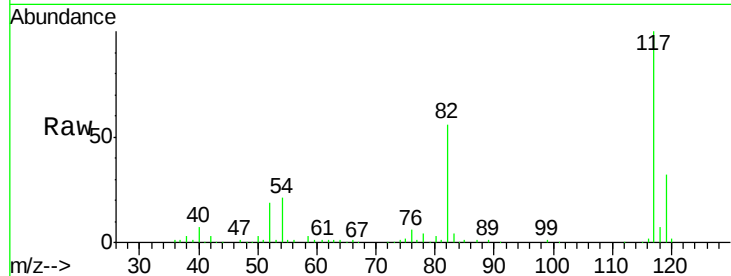
Tgt Ion:117 Resp: 313165

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

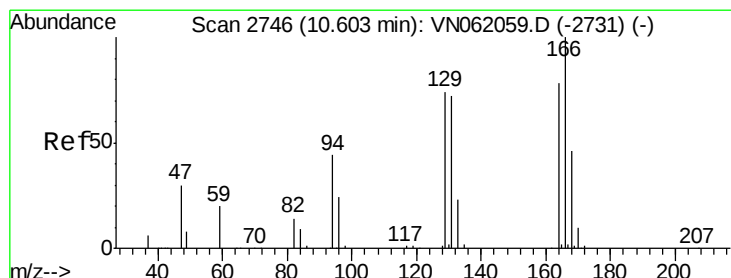
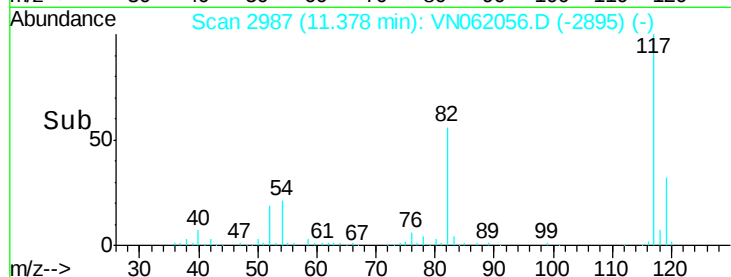
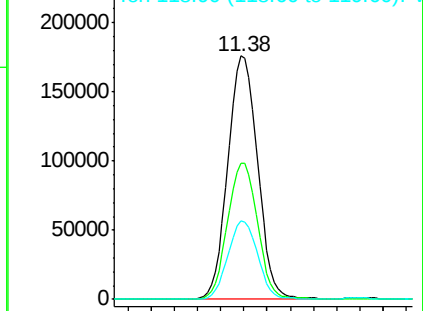
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.350 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Tgt Ion:164 Resp: 2686

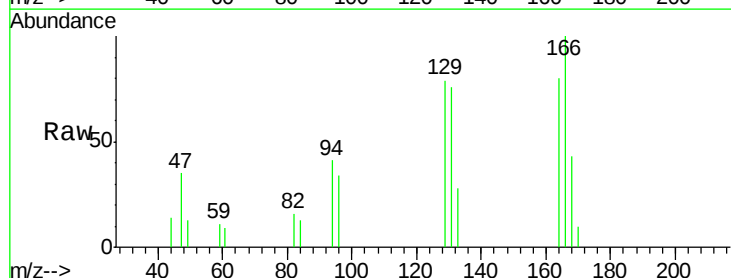
Ion Ratio Lower Upper

164 100

166 125.1 102.9 154.3

129 98.9 75.8 113.8

131 94.5 73.8 110.6

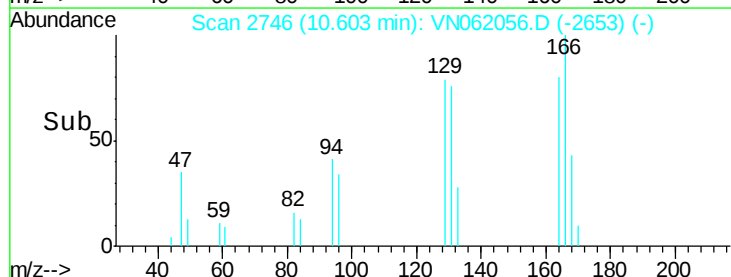
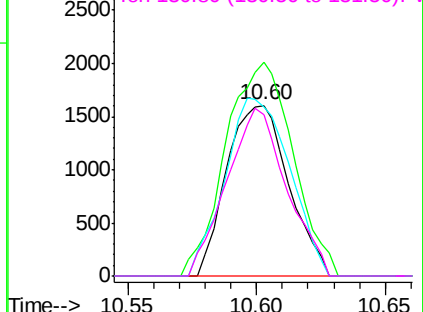


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

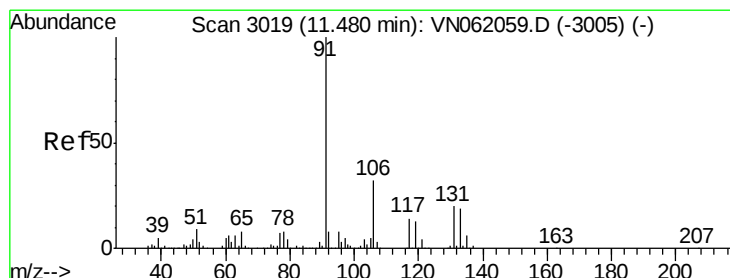
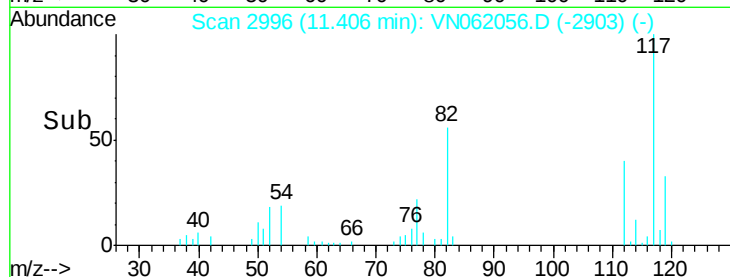
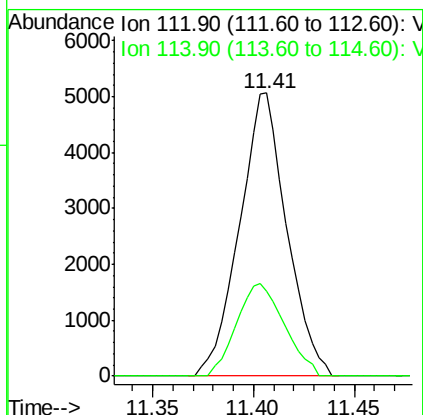
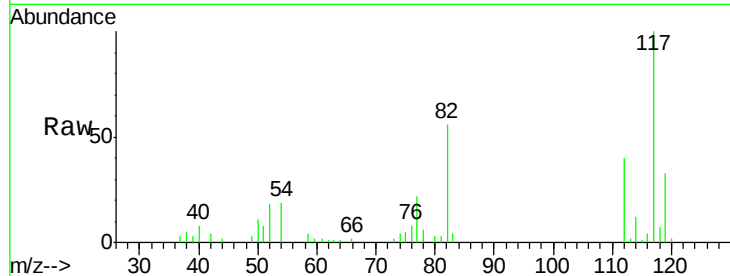




#65  
Chlorobenzene  
Concen: 1.256 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

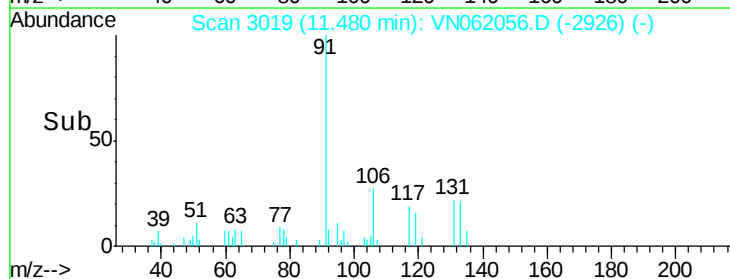
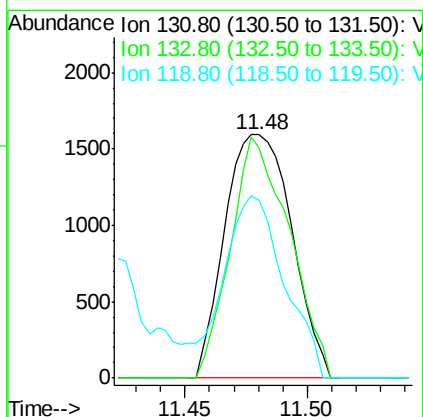
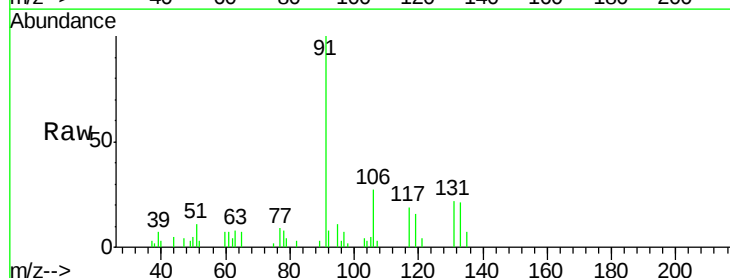
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion:112 Resp: 8301  
Ion Ratio Lower Upper  
112 100  
114 30.1 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.324 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion:131 Resp: 3039  
Ion Ratio Lower Upper  
131 100  
133 86.9 47.6 142.9  
119 0.0 34.4 103.3#

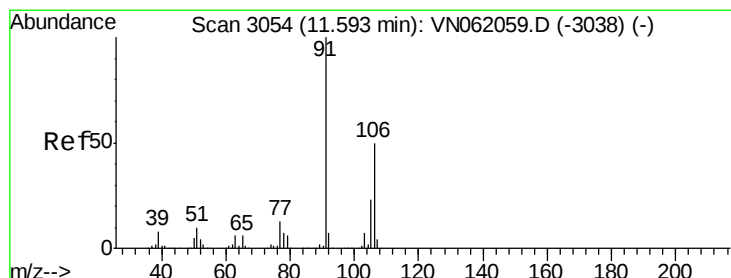
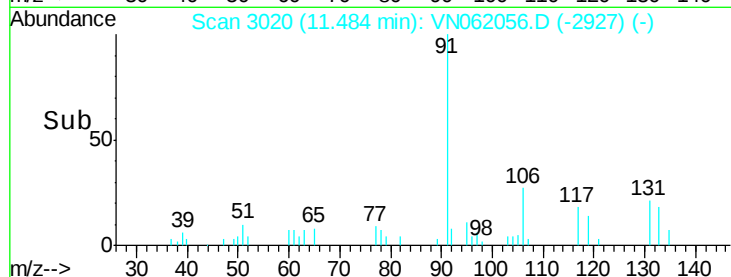
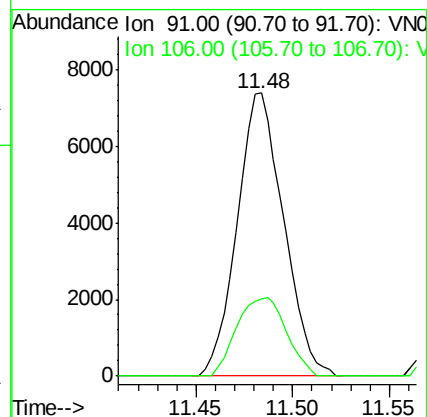
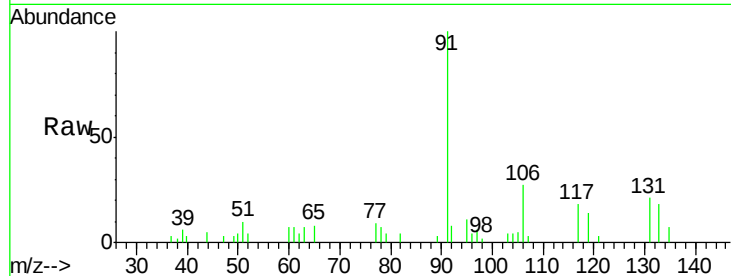




#67  
Ethyl Benzene  
Concen: 1.110 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

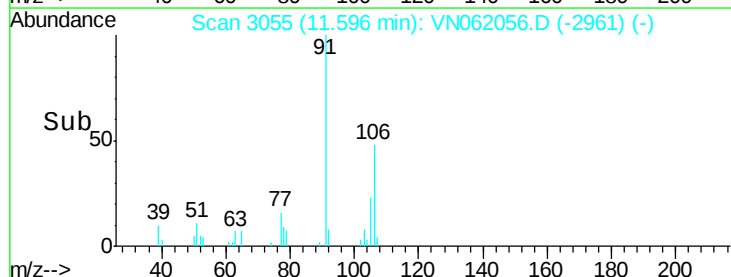
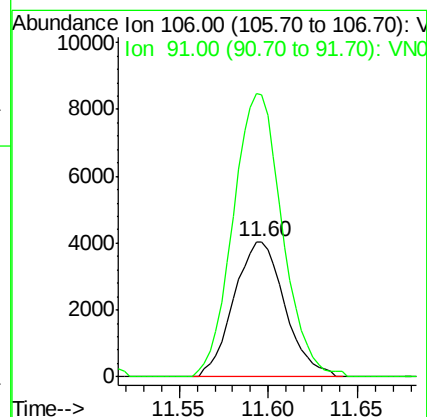
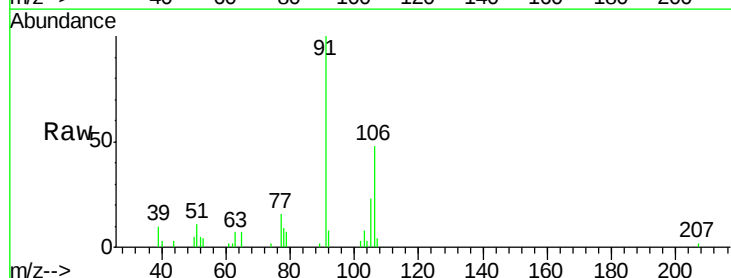
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

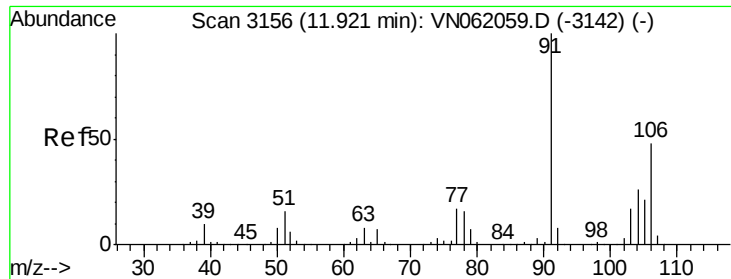
Tgt Ion: 91 Resp: 12328  
Ion Ratio Lower Upper  
91 100  
106 27.1 25.3 37.9



#68  
m/p-Xylenes  
Concen: 1.876 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion: 106 Resp: 8032  
Ion Ratio Lower Upper  
106 100  
91 201.8 157.8 236.8

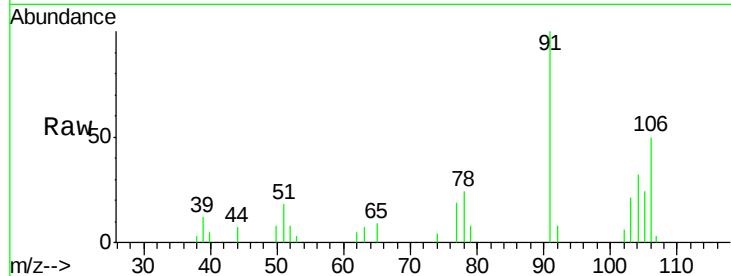




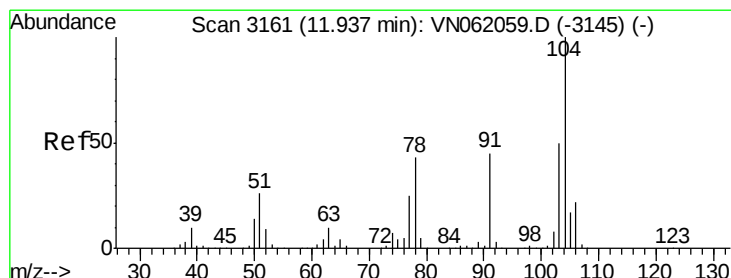
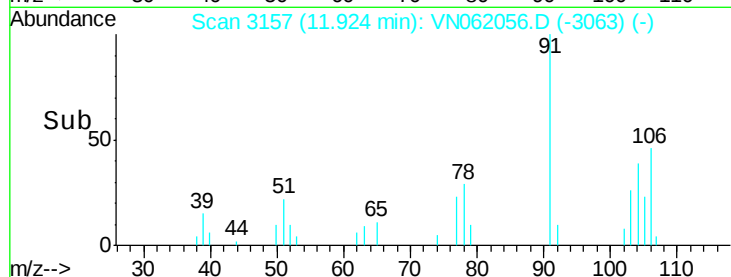
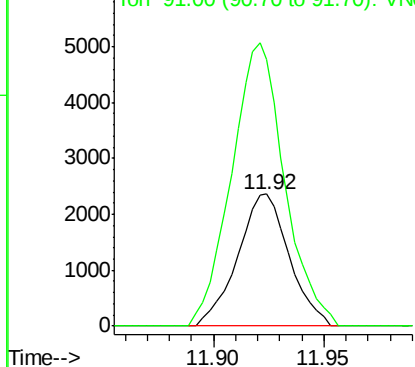
#69  
o-Xylene  
Concen: 0.941 ug/l  
RT: 11.92 min Scan# 3157  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:106 Resp: 3836  
Ion Ratio Lower Upper  
106 100  
91 220.3 104.0 311.9

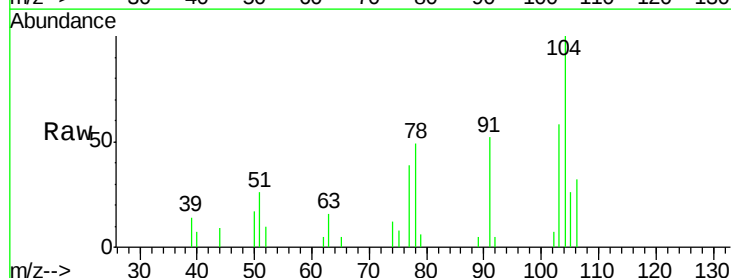


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

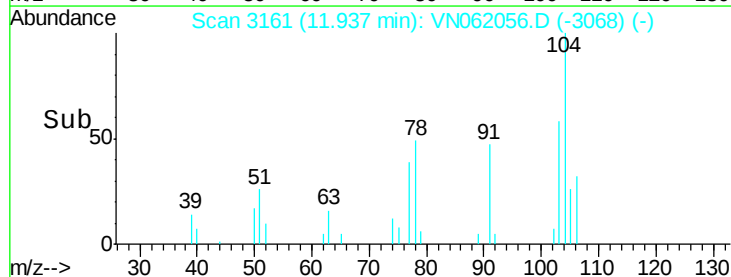
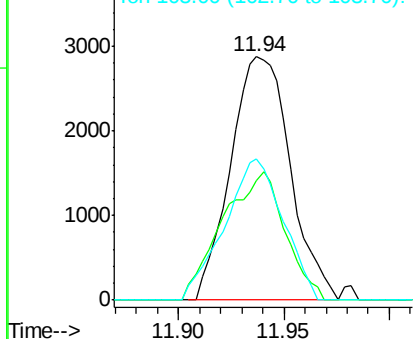


#70  
Styrene  
Concen: 0.829 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion:104 Resp: 5659  
Ion Ratio Lower Upper  
104 100  
78 55.2 37.7 56.5  
103 56.8 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V

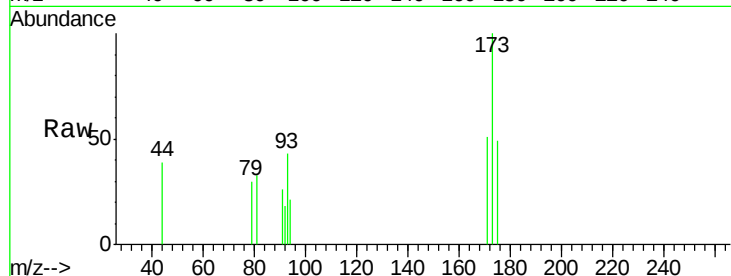




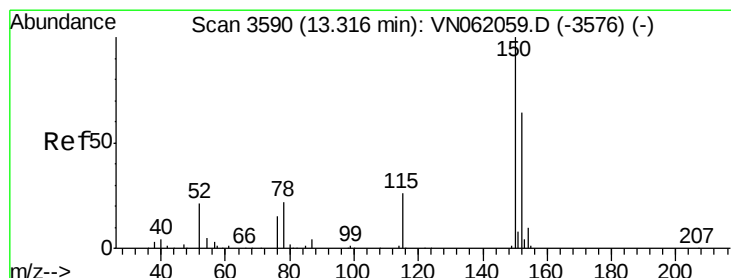
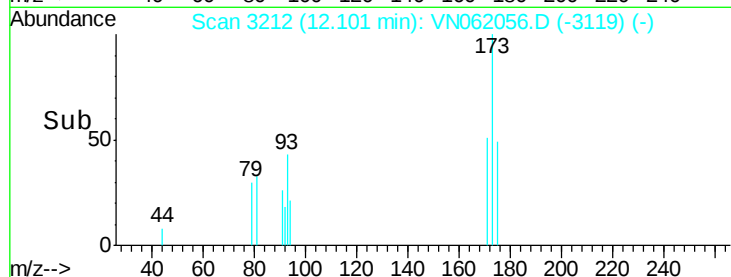
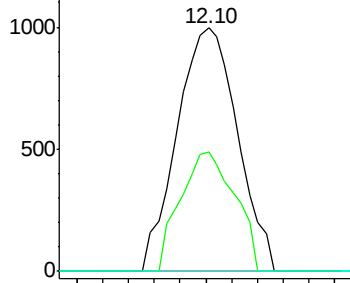
#71  
Bromoform  
Concen: 0.976 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tgt Ion:173 Resp: 1629  
Ion Ratio Lower Upper  
173 100  
175 44.4 24.7 74.1  
254 0.0 0.0 0.0

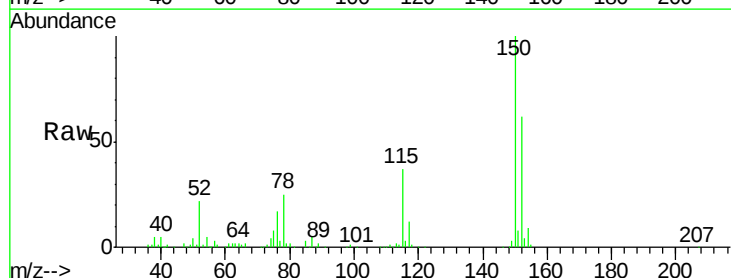


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

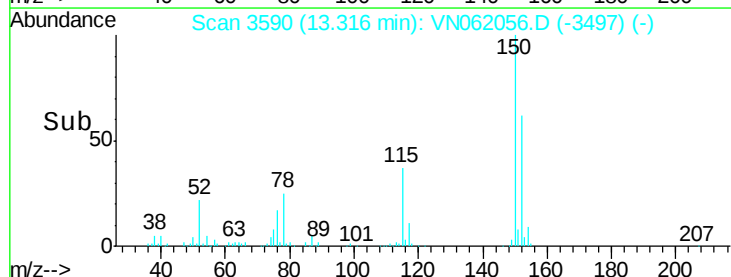
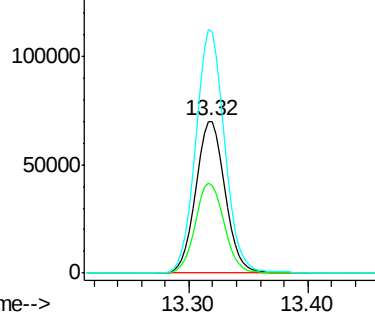


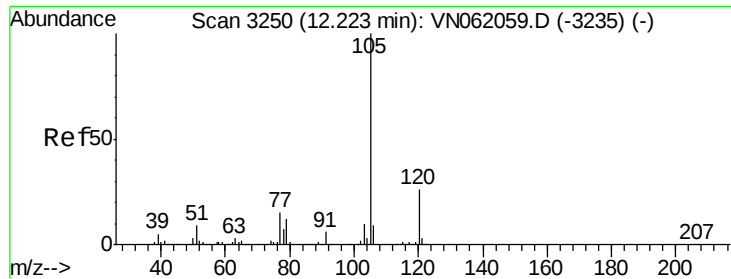
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3590  
Delta R.T. -0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion:152 Resp: 119884  
Ion Ratio Lower Upper  
152 100  
115 57.7 29.5 88.5  
150 157.5 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: 1.149 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

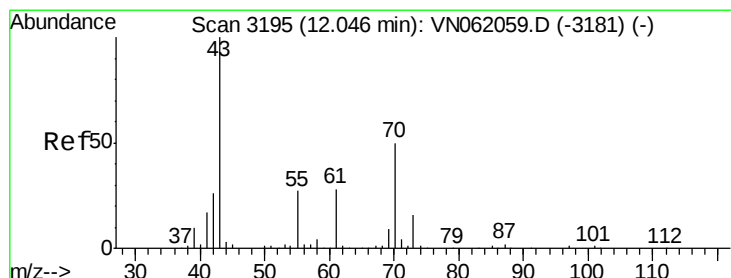
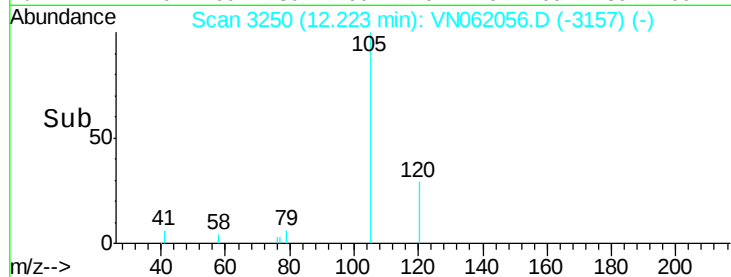
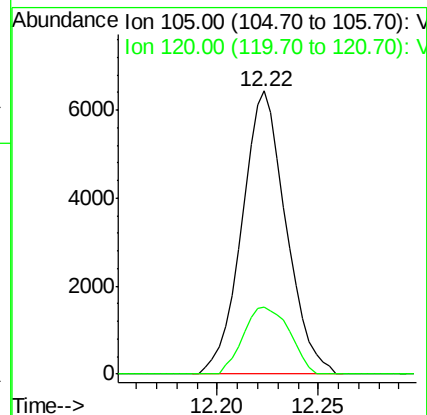
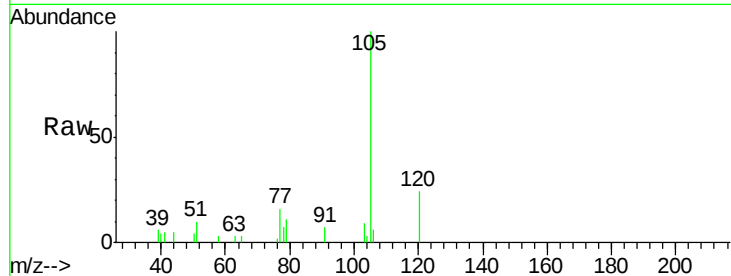
VSTDIC001

Tgt Ion: 105 Resp: 9835

Ion Ratio Lower Upper

105 100

120 24.9 13.2 39.6



#74

N-ethyl acetate

Concen: 0.827 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Tgt Ion: 43 Resp: 2294

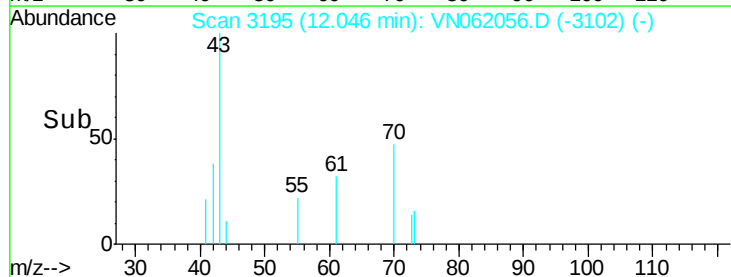
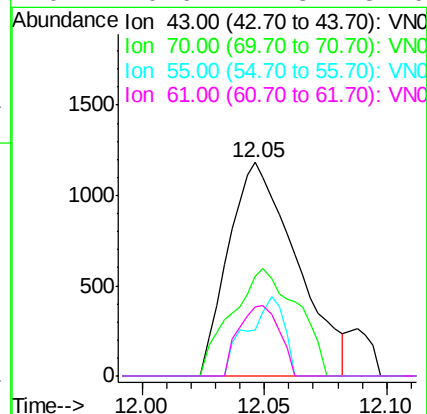
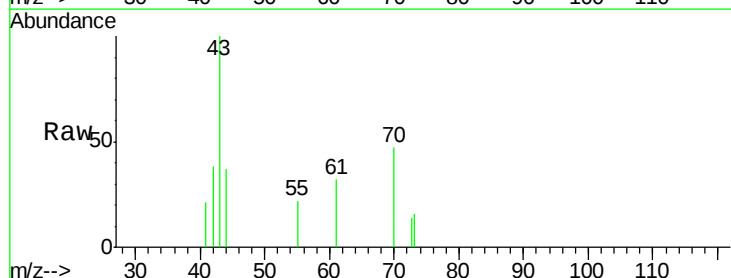
Ion Ratio Lower Upper

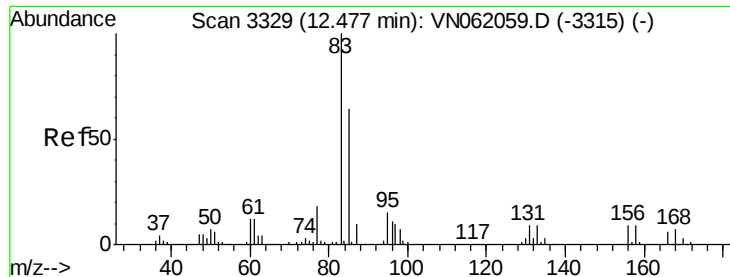
43 100

70 48.5 39.4 59.2

55 19.8 21.7 32.5#

61 19.6 21.3 31.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.410 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

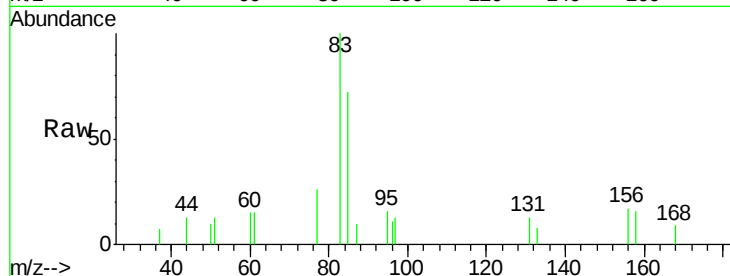
Tgt Ion: 83 Resp: 3956

Ion Ratio Lower Upper

83 100

131 7.6 4.8 14.4

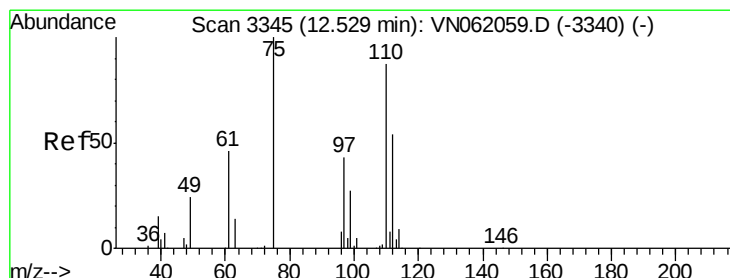
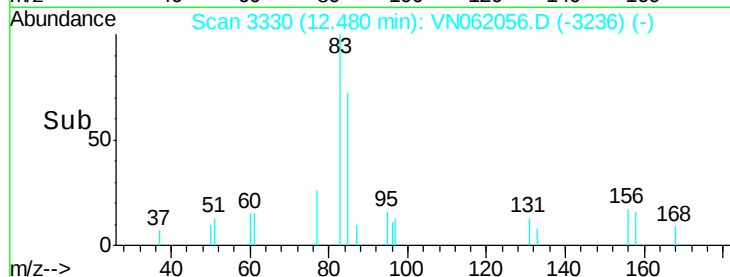
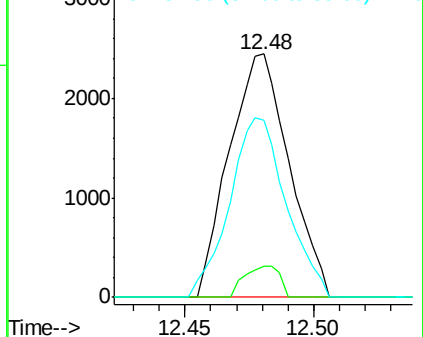
85 70.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062059.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 1.744 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062056.D

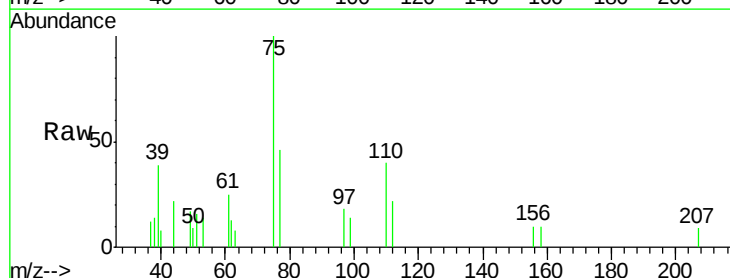
Acq: 24 Jun 2020 9:42

Tgt Ion: 75 Resp: 4162

Ion Ratio Lower Upper

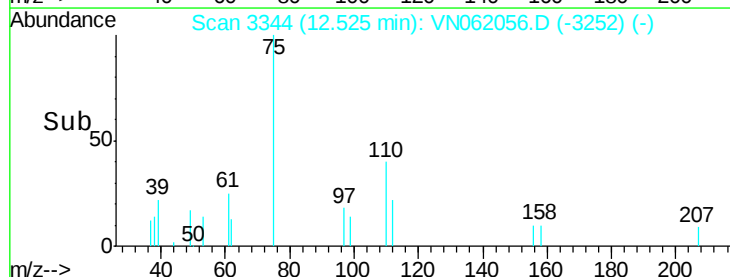
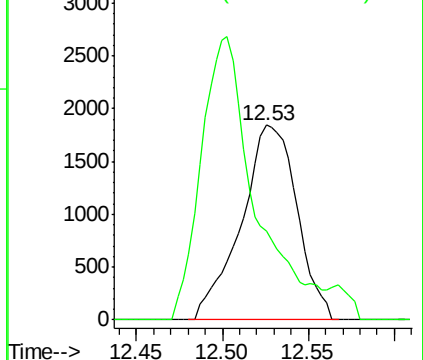
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3340) (-)





#77

Bromobenzene

Concen: 1.288 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

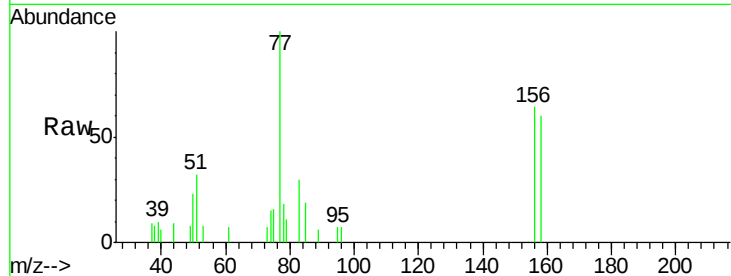
Tgt Ion:156 Resp: 2775

Ion Ratio Lower Upper

156 100

77 213.4 104.6 313.8

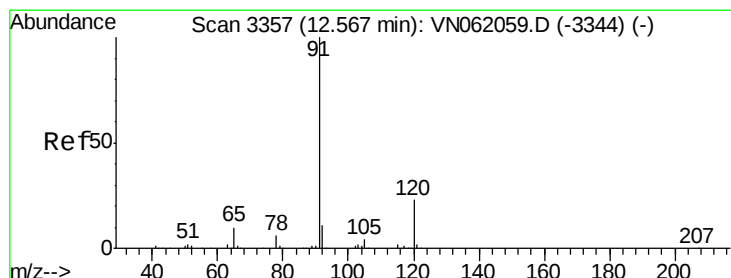
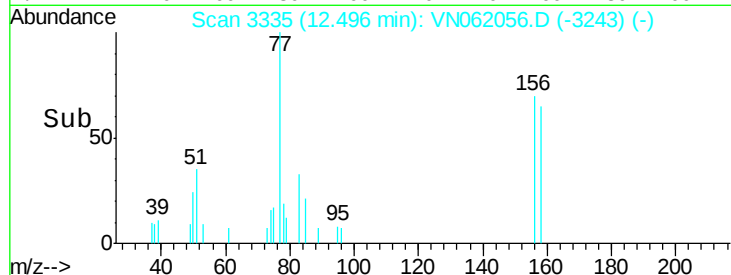
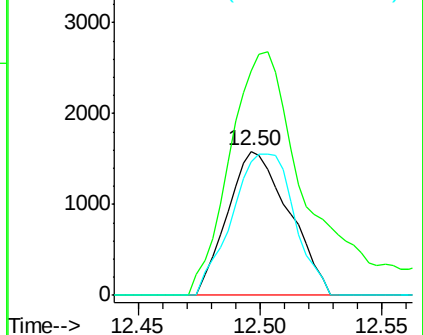
158 99.6 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.092 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062056.D

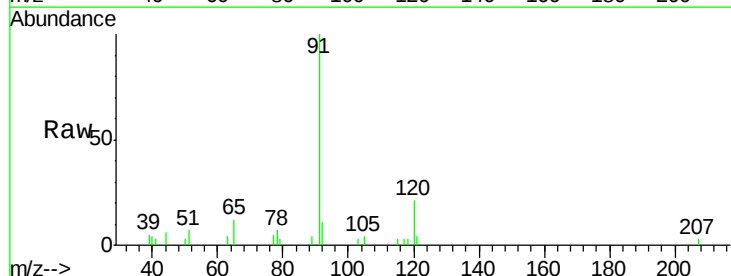
Acq: 24 Jun 2020 9:42

Tgt Ion: 91 Resp: 10711

Ion Ratio Lower Upper

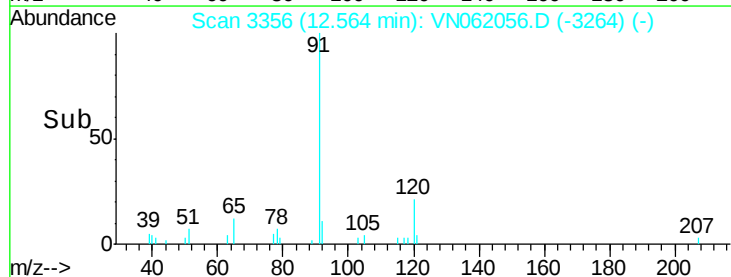
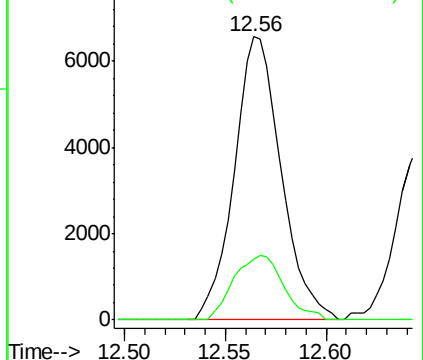
91 100

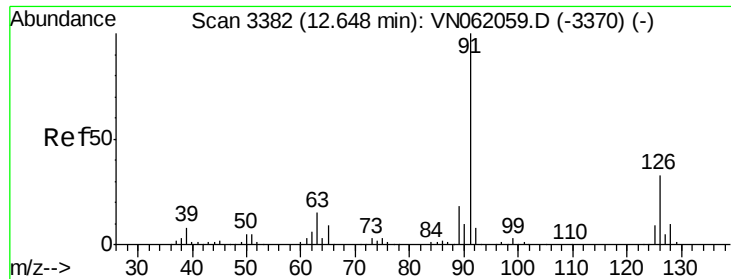
120 24.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

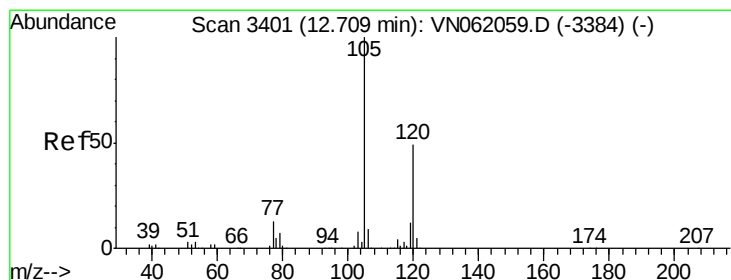
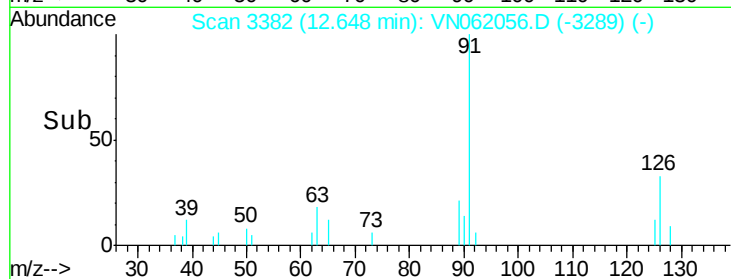
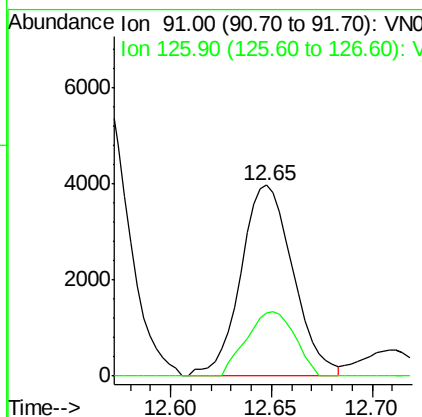
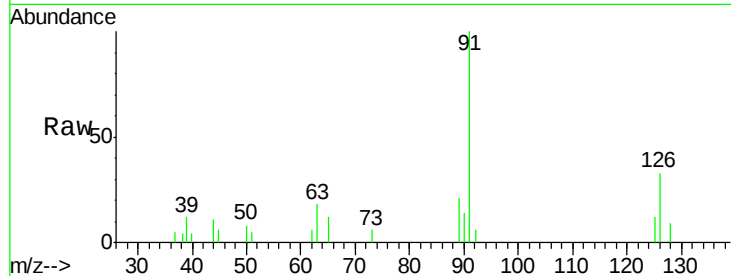




#79  
 2-Chlorotoluene  
 Concen: 1.226 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

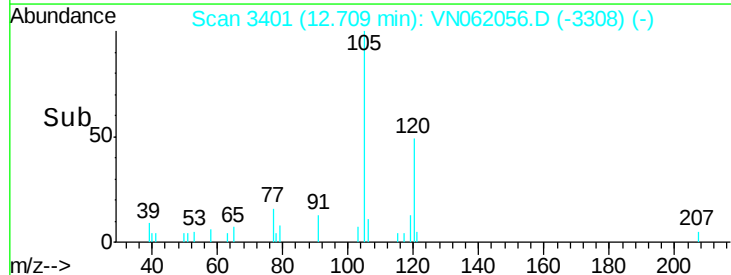
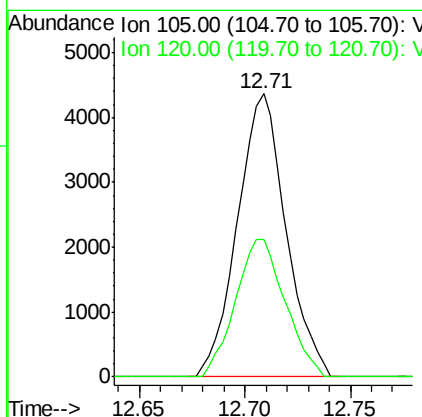
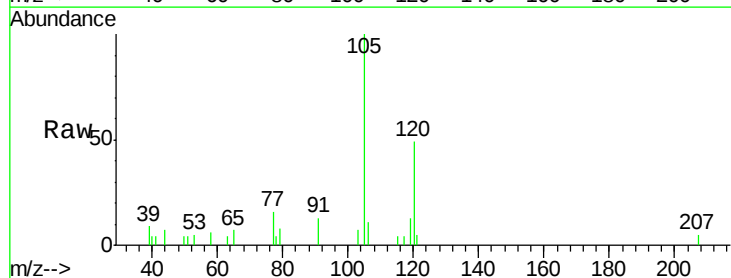
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

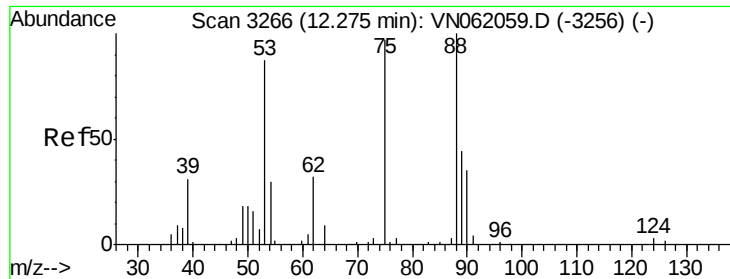
Tgt Ion: 91 Resp: 7215  
 Ion Ratio Lower Upper  
 91 100  
 126 31.3 16.9 50.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.986 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion: 105 Resp: 6971  
 Ion Ratio Lower Upper  
 105 100  
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 0.676 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

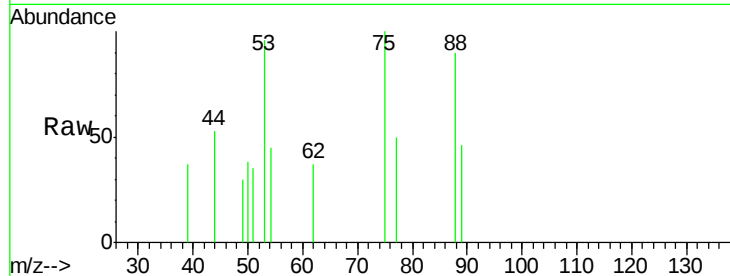
Tgt Ion: 75 Resp: 595

Ion Ratio Lower Upper

75 100

53 169.9 72.0 108.0#

89 51.6 36.9 55.3

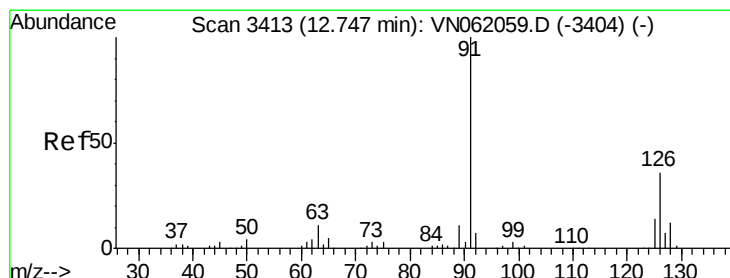
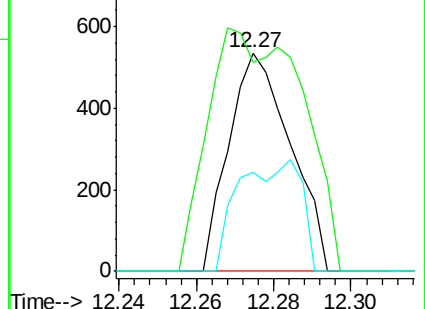
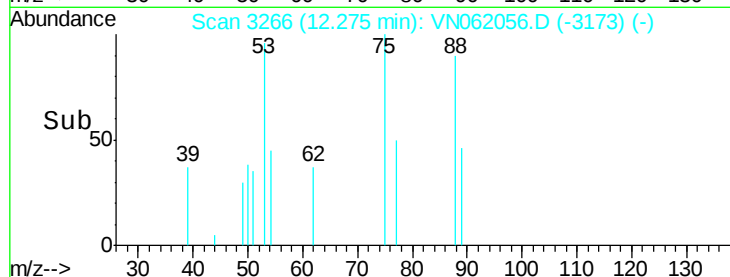


Abundance Ion 74.90 (74.60 to 75.60): VN062056.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN062056.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN062056.D (-3266) (-)

Time--> 12.24 12.26 12.28 12.30



#82

4-Chlorotoluene

Concen: 1.056 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062056.D

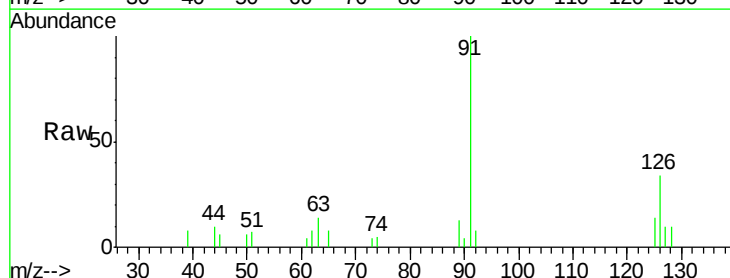
Acq: 24 Jun 2020 9:42

Tgt Ion: 91 Resp: 6419

Ion Ratio Lower Upper

91 100

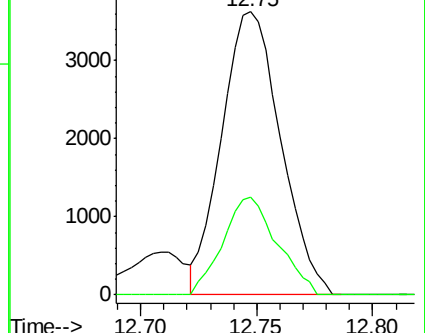
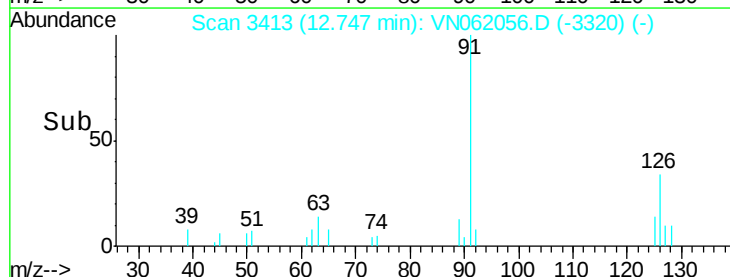
126 31.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062056.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN062056.D (-3413) (-)

Time--> 12.70 12.75 12.80

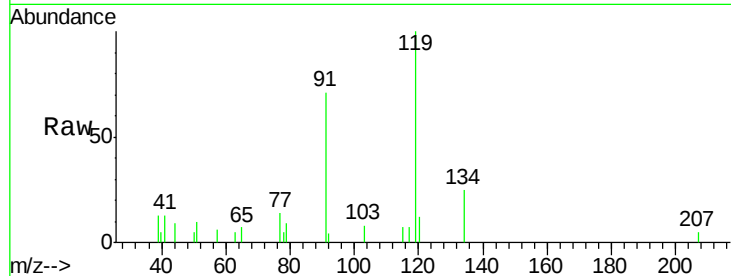




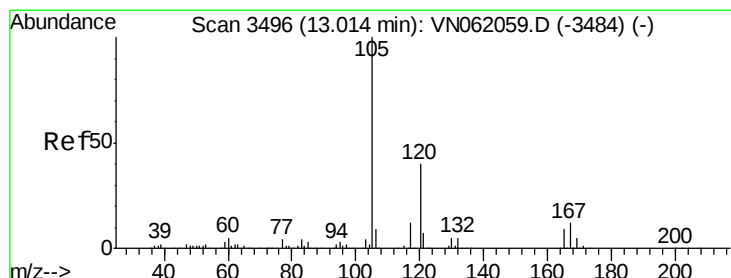
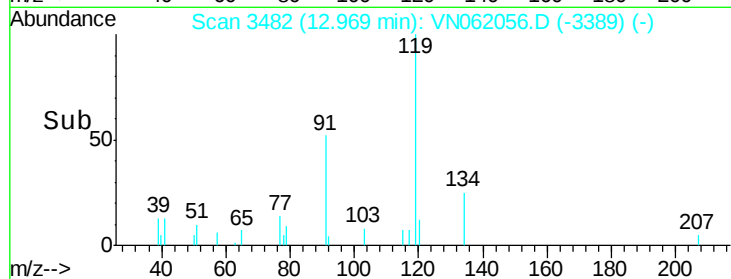
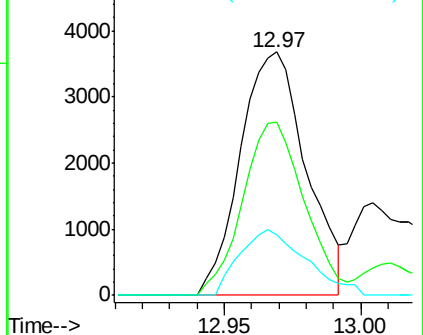
#83  
 tert-Butylbenzene  
 Concen: 1.029 ug/l  
 RT: 12.97 min Scan# 3482  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:119 Resp: 6169  
 Ion Ratio Lower Upper  
 119 100  
 91 66.4 31.7 95.1  
 134 27.1 13.1 39.1

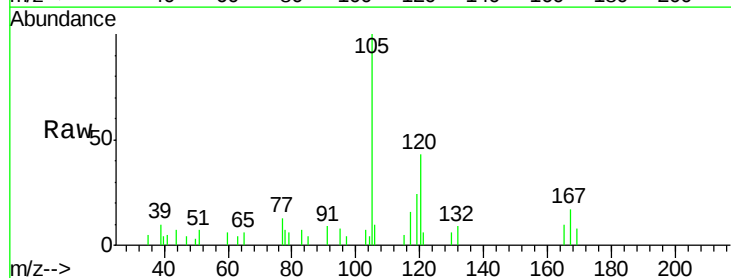


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

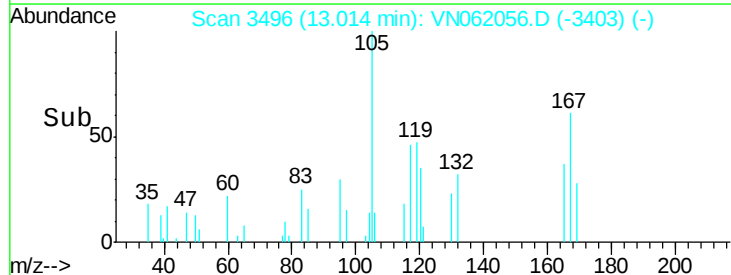
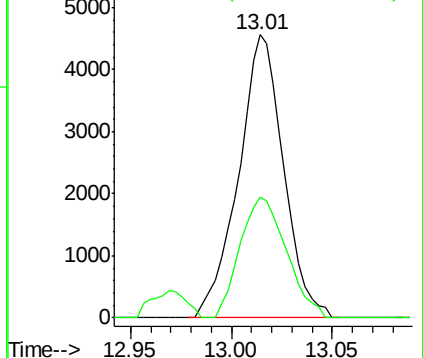


#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.022 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion:105 Resp: 7125  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V

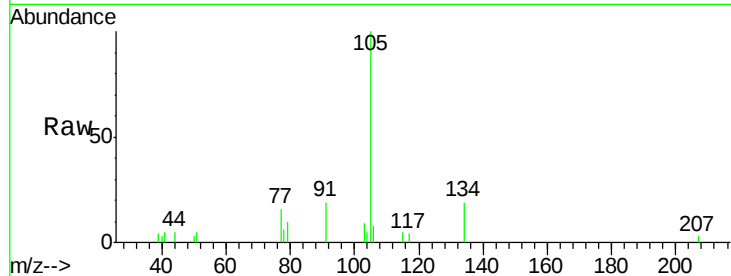




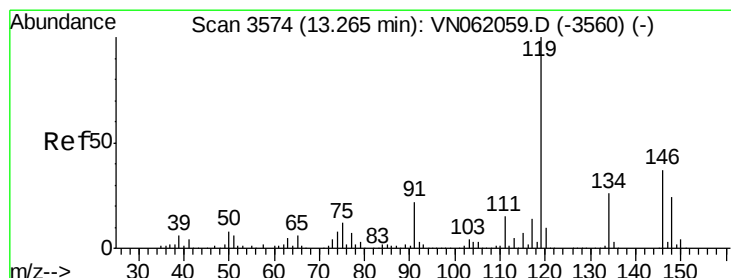
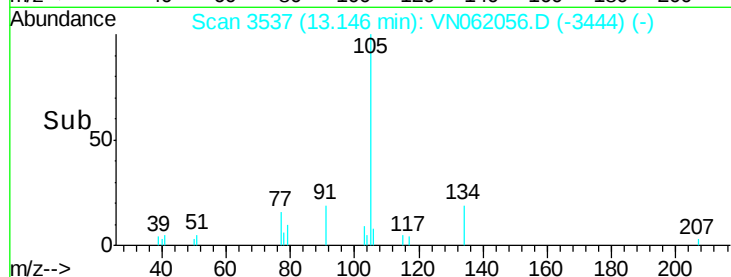
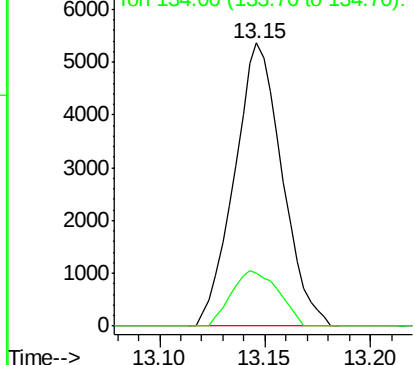
#85  
 sec-Butylbenzene  
 Concen: 1.069 ug/l  
 RT: 13.15 min Scan# 3537  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:105 Resp: 8412  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 29.1

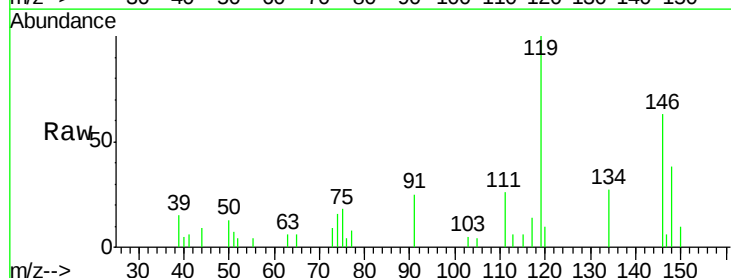


Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 134.00 (133.70 to 134.70): V

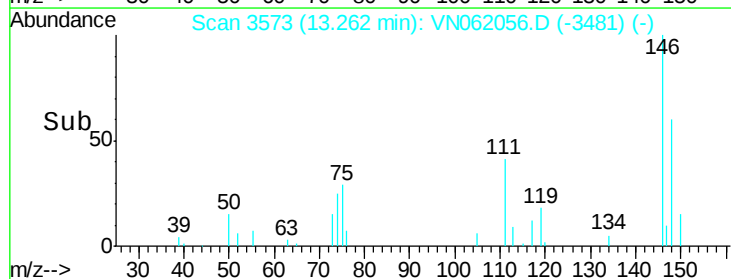
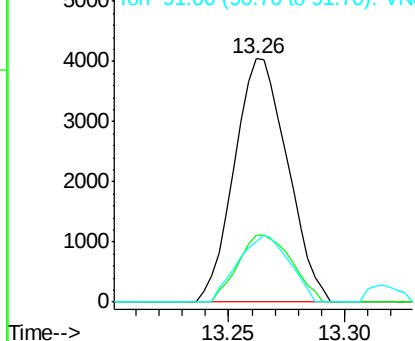


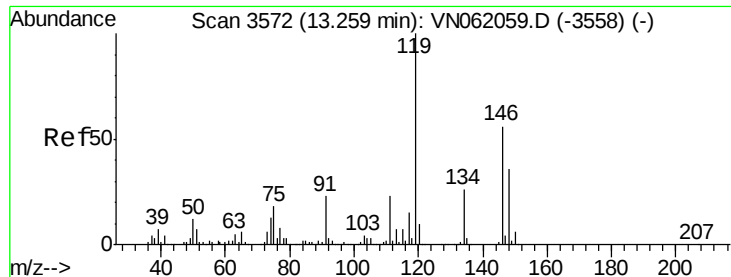
#86  
 p-Isopropyltoluene  
 Concen: 0.923 ug/l  
 RT: 13.26 min Scan# 3573  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion:119 Resp: 6450  
 Ion Ratio Lower Upper  
 119 100  
 134 27.8 13.0 39.0  
 91 26.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 134.00 (133.70 to 134.70): V  
 Ion 91.00 (90.70 to 91.70): V

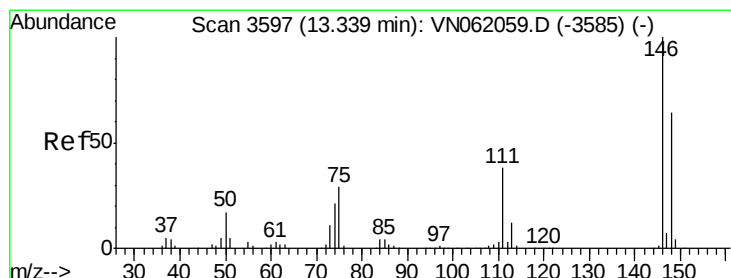
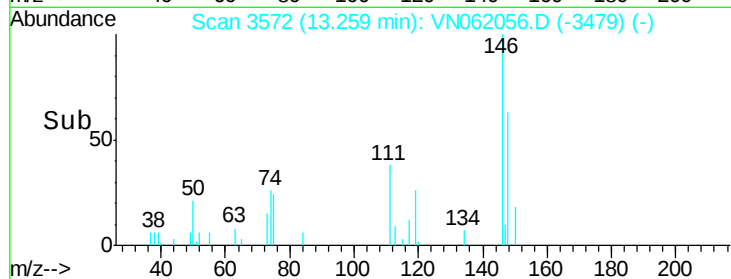
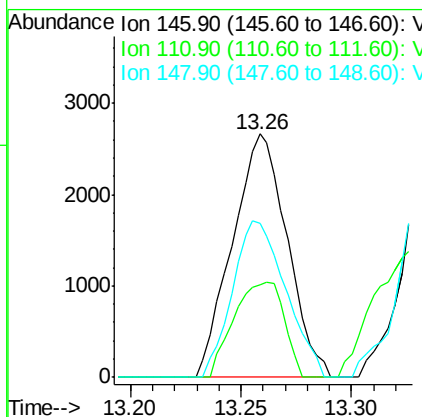
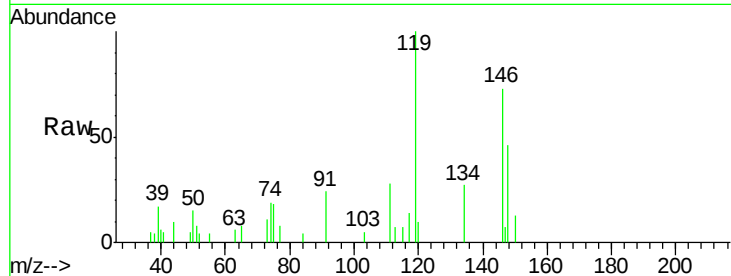




#87  
 1,3-Dichlorobenzene  
 Concen: 1.173 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

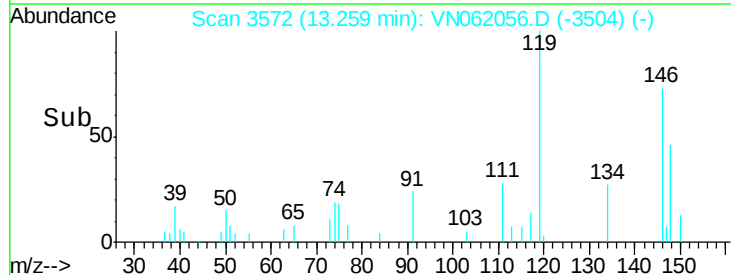
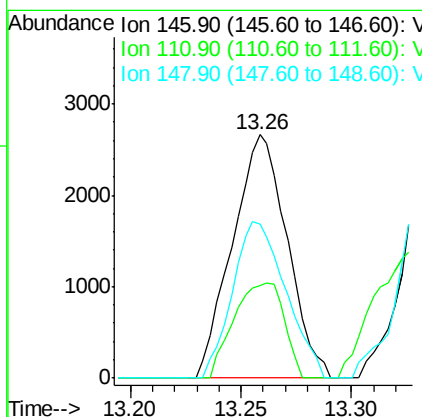
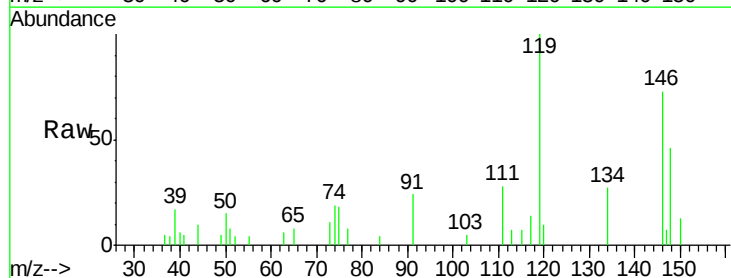
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

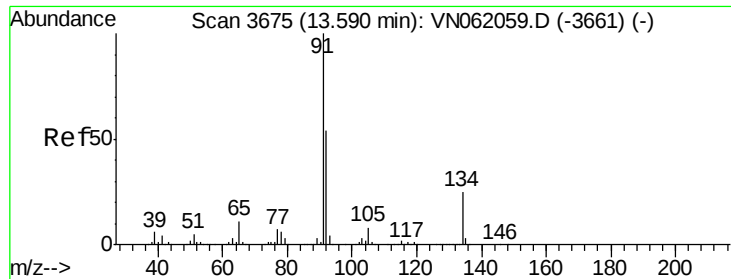
Tgt Ion:146 Resp: 4583  
 Ion Ratio Lower Upper  
 146 100  
 111 35.9 20.3 61.0  
 148 62.8 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 1.146 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.08 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion:146 Resp: 4583  
 Ion Ratio Lower Upper  
 146 100  
 111 35.9 19.9 59.6  
 148 62.8 31.9 95.9





#89

n-Butylbenzene

Concen: 1.001 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

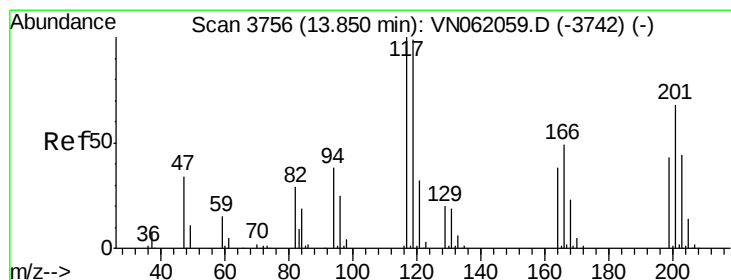
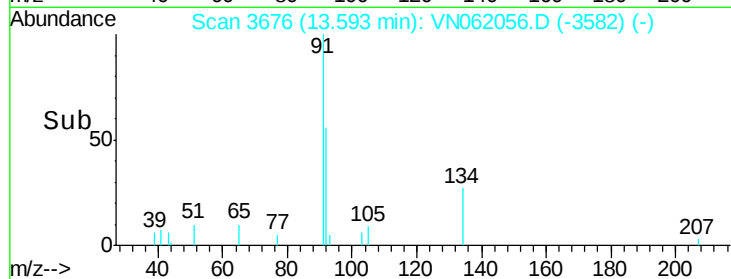
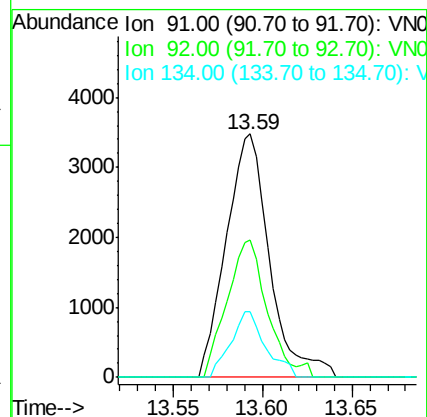
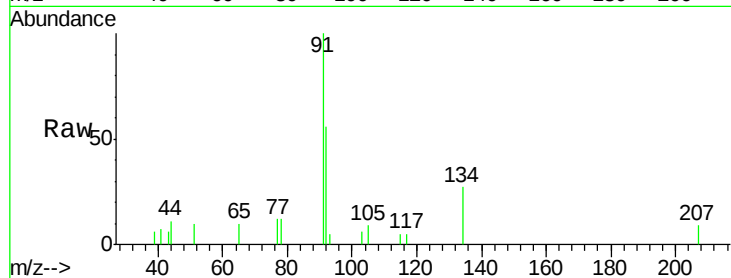
Tgt Ion: 91 Resp: 5864

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 21.6 12.3 36.9



#90

Hexachloroethane

Concen: 1.291 ug/l

RT: 13.85 min Scan# 3757

Delta R.T. 0.00 min

Lab File: VN062056.D

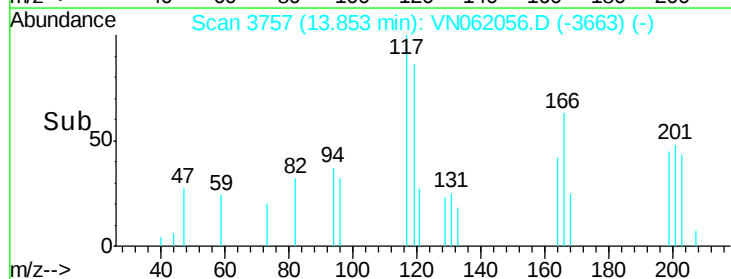
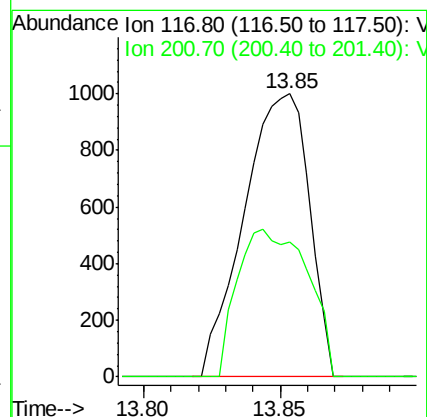
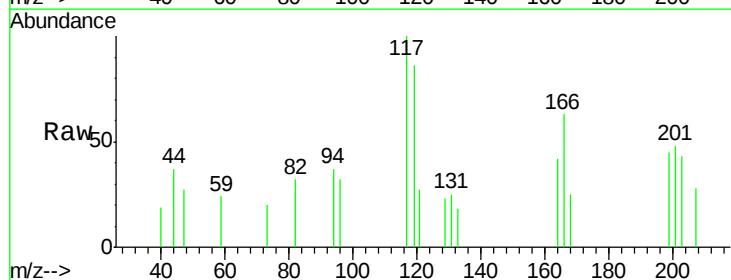
Acq: 24 Jun 2020 9:42

Tgt Ion: 117 Resp: 1663

Ion Ratio Lower Upper

117 100

201 56.2 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 1.167 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

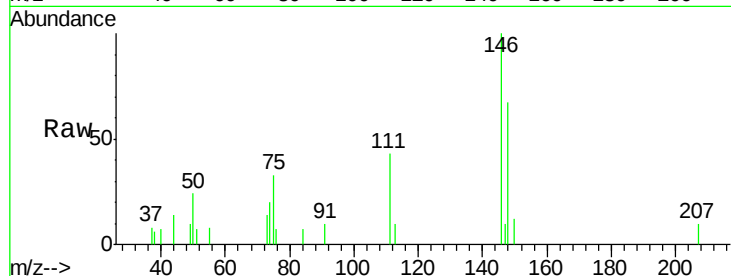
Tgt Ion: 146 Resp: 4382

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

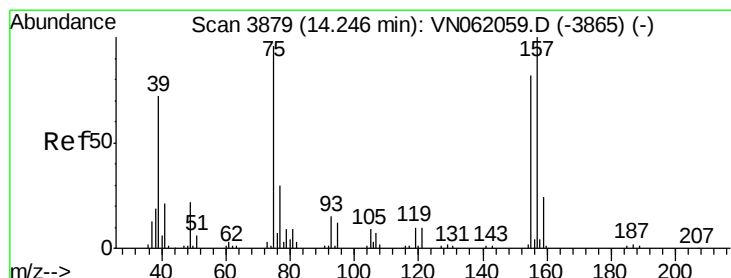
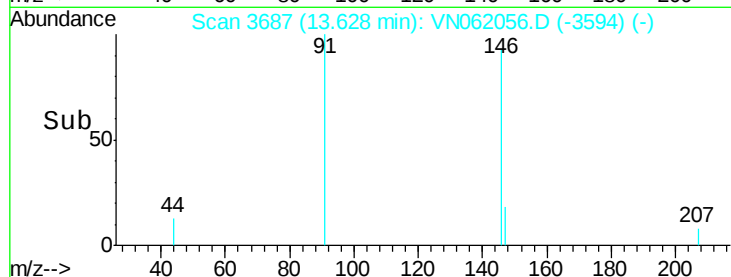
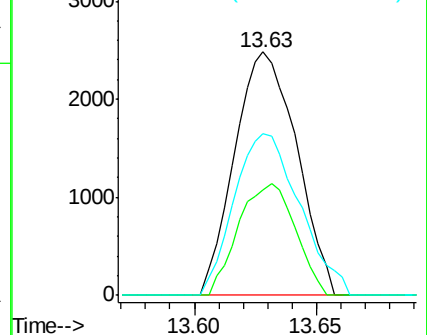
148 70.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.037 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

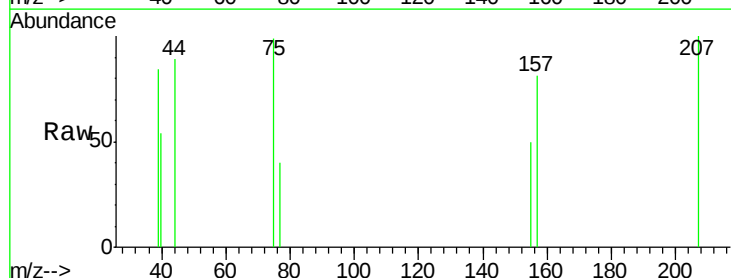
Tgt Ion: 75 Resp: 472

Ion Ratio Lower Upper

75 100

155 47.9 40.8 122.4

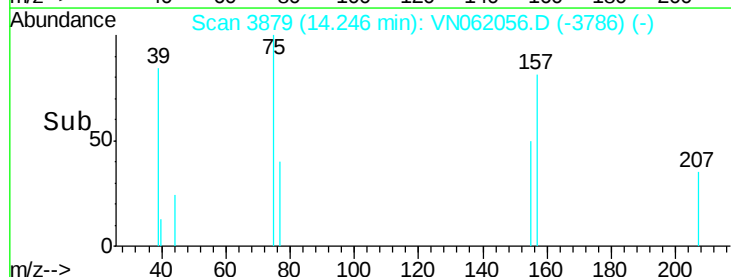
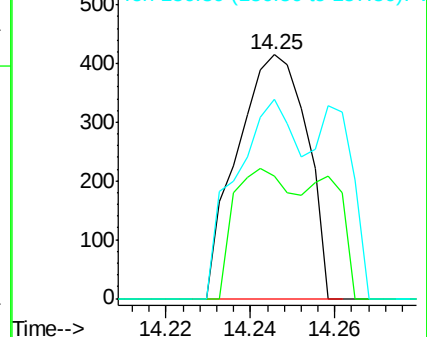
157 73.9 51.4 154.3

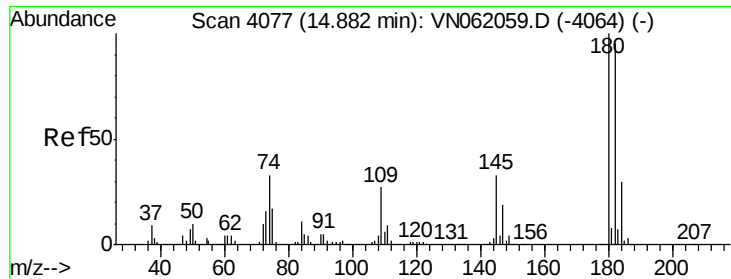


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

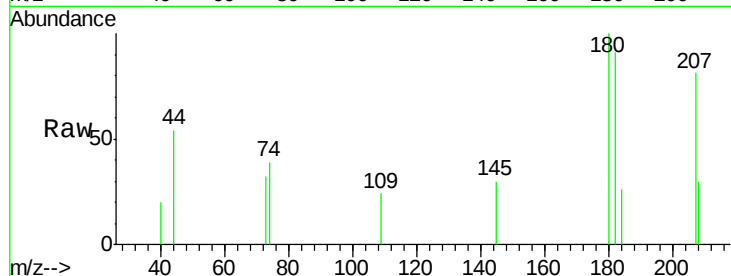




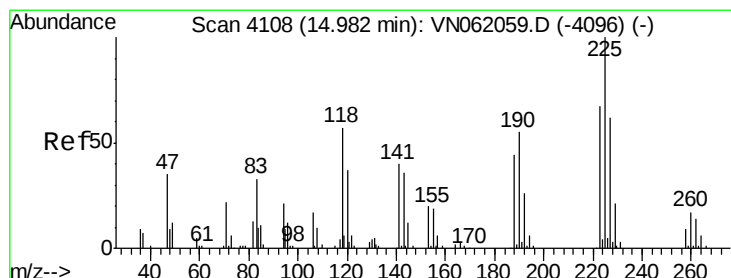
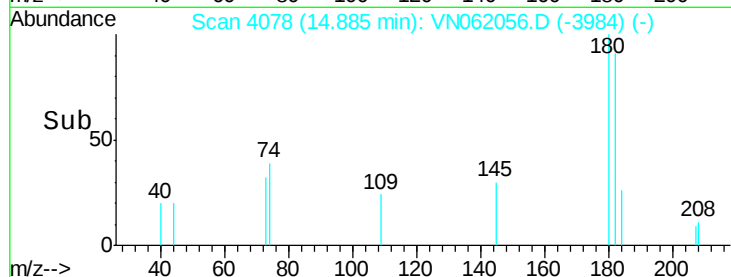
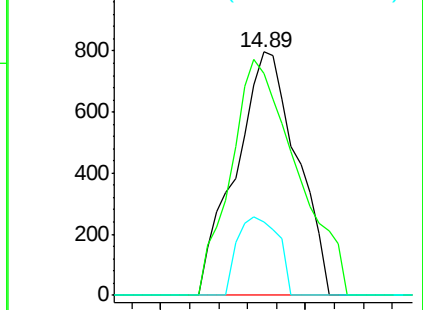
#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.663 ug/l  
 RT: 14.89 min Scan# 4078  
 Delta R.T. 0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

Tgt Ion:180 Resp: 1166  
 Ion Ratio Lower Upper  
 180 100  
 182 104.7 48.0 144.2  
 145 21.5 16.0 48.0

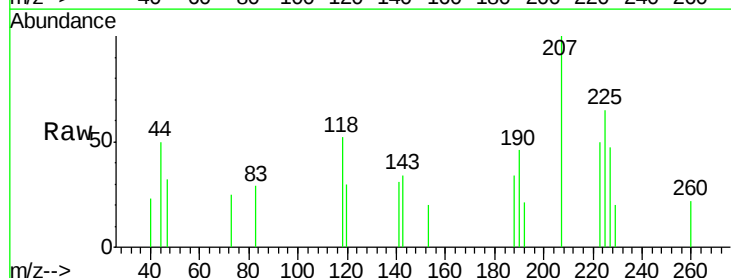


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

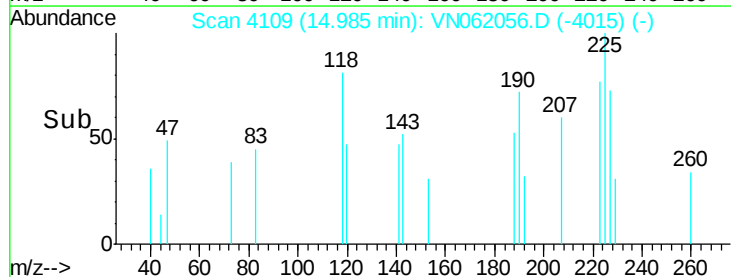
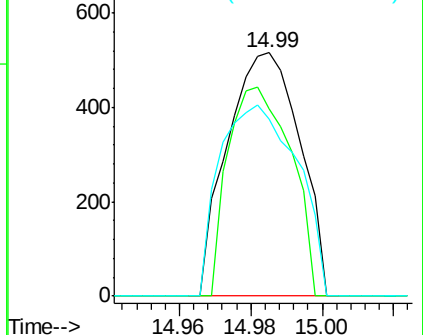


#94  
 Hexachlorobutadiene  
 Concen: 1.036 ug/l  
 RT: 14.99 min Scan# 4109  
 Delta R.T. 0.00 min  
 Lab File: VN062056.D  
 Acq: 24 Jun 2020 9:42

Tgt Ion:225 Resp: 723  
 Ion Ratio Lower Upper  
 225 100  
 223 74.6 32.9 98.7  
 227 84.4 31.3 93.8



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

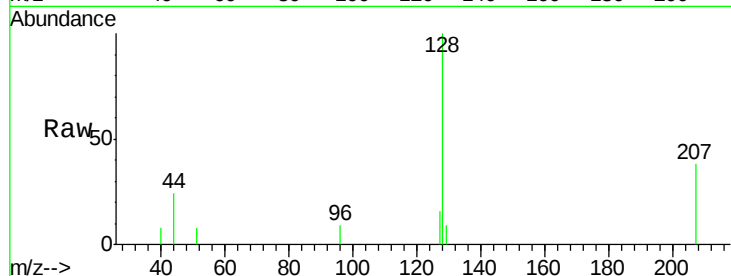




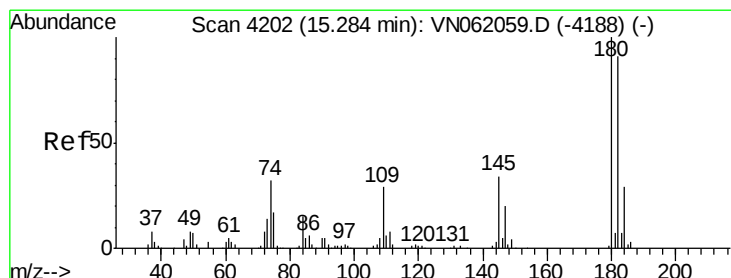
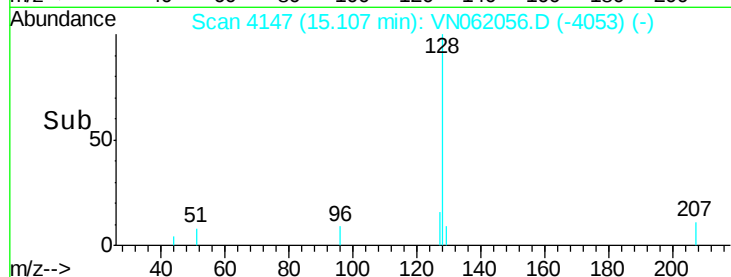
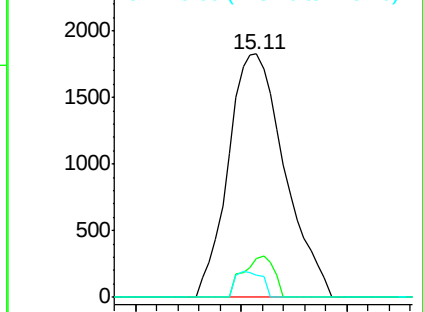
#95  
Naphthalene  
Concen: 0.666 ug/l  
RT: 15.11 min Scan# 4147  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:128 Resp: 3382  
Ion Ratio Lower Upper  
128 100  
127 9.3 10.5 15.7#  
129 4.9 8.6 13.0#

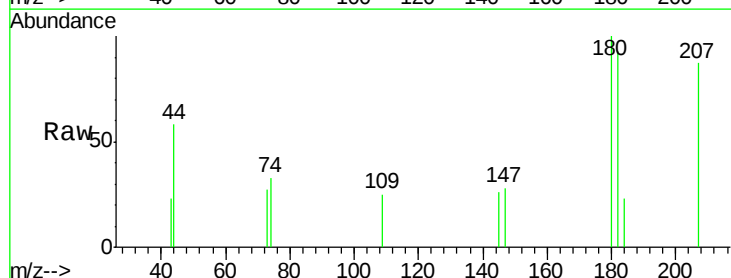


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 0.945 ug/l  
RT: 15.29 min Scan# 4203  
Delta R.T. 0.00 min  
Lab File: VN062056.D  
Acq: 24 Jun 2020 9:42

Tgt Ion:180 Resp: 1655  
Ion Ratio Lower Upper  
180 100  
182 86.7 46.8 140.4  
145 20.2 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

