

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\  
 Data File : VN059097.D  
 Acq On : 6 Nov 2019 10:45  
 Operator : JC/SP  
 Sample : VSTDICC150  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Nov 07 03:15:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 03:09:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 534639   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 838450   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 781518   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 399261   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 921801   | 133.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 266.26% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 724961   | 136.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 273.58% |      |
| 50) Toluene-d8            | 10.08  | 98  | 2847788  | 138.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 276.72% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 1116686  | 151.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 302.90% |      |

## Target Compounds

|                               |      |     |          |         |        | Qvalue |
|-------------------------------|------|-----|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 776935   | 135.450 | ug/l   | 99     |
| 3) Chloromethane              | 2.04 | 50  | 1014865  | 130.591 | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 1017045  | 134.649 | ug/l   | 99     |
| 5) Bromomethane               | 2.51 | 94  | 562348   | 126.419 | ug/l   | 99     |
| 6) Chloroethane               | 2.66 | 64  | 519089   | 112.219 | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 1196253  | 132.943 | ug/l   | 99     |
| 8) Diethyl Ether              | 3.38 | 74  | 508156   | 144.131 | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 737696   | 138.946 | ug/l   | 99     |
| 10) Methyl Iodide             | 3.92 | 142 | 1012378  | 156.168 | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.76 | 59  | 958890   | 735.715 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 722234   | 136.878 | ug/l   | 99     |
| 13) Acrolein                  | 3.58 | 56  | 488923   | 622.575 | ug/l   | 99     |
| 14) Allyl chloride            | 4.29 | 41  | 1495248  | 143.017 | ug/l   | 98     |
| 15) Acrylonitrile             | 4.95 | 53  | 2439486  | 743.271 | ug/l   | 100    |
| 16) Acetone                   | 3.79 | 43  | 2545721  | 707.359 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.02 | 76  | 2203275  | 132.346 | ug/l   | 100    |
| 18) Methyl Acetate            | 4.29 | 43  | 1217442  | 134.306 | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.01 | 73  | 2581034  | 143.419 | ug/l   | 100    |
| 20) Methylene Chloride        | 4.52 | 84  | 854496   | 136.459 | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 779487   | 137.778 | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.92 | 45  | 2898196  | 145.411 | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.86 | 43  | 10001540 | 631.592 | ug/l # | 87     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 1553751  | 136.248 | ug/l   | 99     |
| 25) 2-Butanone                | 6.81 | 43  | 3472370  | 729.593 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 1314814  | 133.046 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 904885   | 141.512 | ug/l   | 100    |
| 28) Bromochloromethane        | 7.17 | 49  | 441197   | 126.204 | ug/l   | 100    |
| 29) Tetrahydrofuran           | 7.18 | 42  | 2180476  | 726.569 | ug/l   | 99     |
| 30) Chloroform                | 7.35 | 83  | 1482436  | 136.014 | ug/l   | 100    |
| 31) Cyclohexane               | 7.63 | 56  | 1461995  | 134.985 | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 1282300  | 139.088 | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 1186994  | 143.152 | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.90 | 43  | 1309619  | 141.953 | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 1135283  | 140.339 | ug/l   | 98     |

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 Sample : VSTDICC150  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Nov 07 03:15:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 03:09:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 1443083  | 151.005  | ug/l   | 100      |
| 40) Benzene                    | 8.02  | 78   | 3408303  | 138.145  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 1876053  | 467.831  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 1171792  | 136.675  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.14  | 43   | 2150127  | 149.361  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 853786   | 140.488  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 957132   | 143.304  | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 580990   | 140.921  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.39  | 83   | 1209374  | 144.570  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.18  | 41   | 1004209  | 152.908  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 362474   | 3405.871 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 5260210  | 627.198  | ug/l # | 83       |
| 52) Toluene                    | 10.14 | 92   | 2141498  | 148.388  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 1454344  | 150.769  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 1537968  | 151.303  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 841074   | 142.549  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 1471292  | 165.850  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 1495028  | 145.906  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 2414596  | 685.810  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.74 | 43   | 4364330  | 684.996  | ug/l   | 86       |
| 60) Dibromochloromethane       | 10.90 | 129  | 956406   | 150.945  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 893927   | 150.043  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 750475   | 137.557  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 2229276  | 139.482  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 851179   | 144.533  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 3770915  | 136.344  | ug/l # | 86       |
| 68) m/p-Xylenes                | 11.62 | 106  | 3049760  | 294.873  | ug/l   | 79       |
| 69) o-Xylene                   | 11.95 | 106  | 1503333  | 152.337  | ug/l   | 91       |
| 70) Styrene                    | 11.96 | 104  | 2540971  | 159.193  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 722612   | 158.710  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 3675146  | 125.416  | ug/l   | 94       |
| 74) N-amyl acetate             | 12.07 | 43   | 1945371  | 149.997  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 1363833  | 130.629  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 1863104  | 199.670  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 994377   | 135.245  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 4194596  | 123.858  | ug/l   | 91       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 2757298  | 131.115  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 3300880  | 132.454  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 533853   | 146.729  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 2892400  | 134.641  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 2888409  | 136.044  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 3282156  | 136.013  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 3692150  | 133.020  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 3392695  | 135.723  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 1823858  | 140.141  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 1824087  | 141.844  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 3207427  | 147.774  | ug/l   | 93       |
| 90) Hexachloroethane           | 13.88 | 117  | 692150   | 139.503  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 1774453  | 136.682  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 298100   | 132.432  | ug/l   | 98       |

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Acq On : 6 Nov 2019 10:45  
Operator : JC/SP  
Sample : VSTDICC150  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Quant Time: Nov 07 03:15:24 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 07 03:09:32 2019  
Response via : Initial Calibration

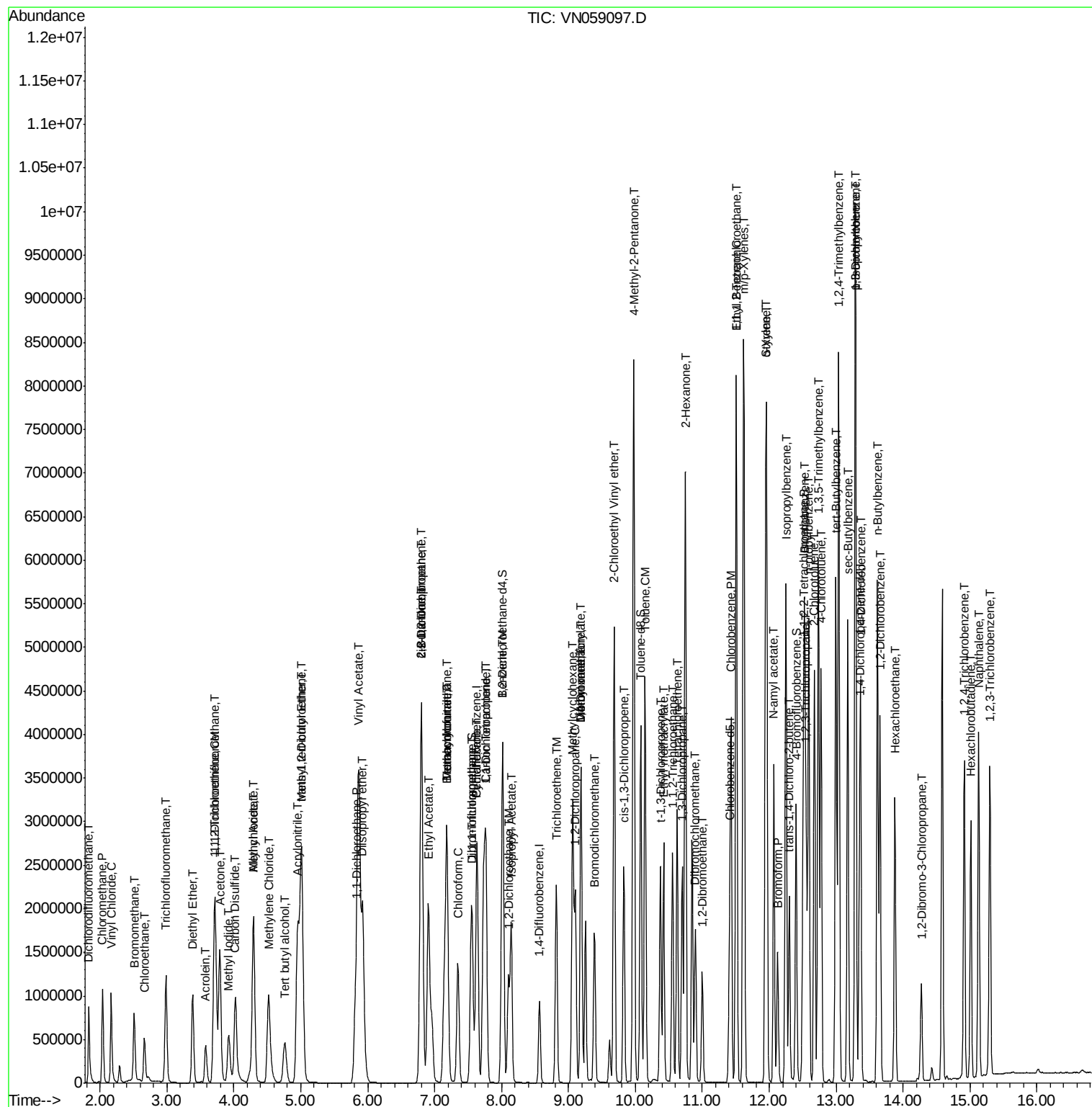
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 1185626  | 170.310 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 598326   | 142.249 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 3243460  | 170.061 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 1160258  | 162.968 | ug/l  | 99       |

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

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Sample : VSTDICC150  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

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Quant Title : SW846 8260  
QLast Update : Thu Nov 07 03:09:32 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

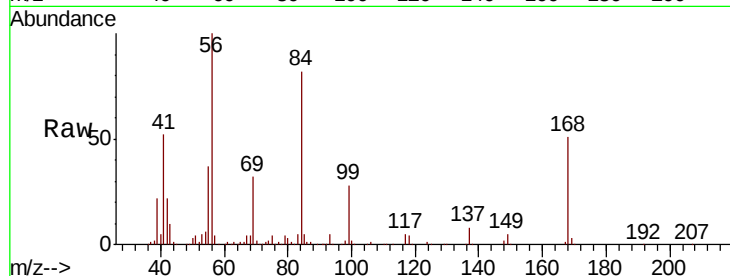
VSTDIC150

Tot Ion:168 Resp: 534639

Ion Ratio Lower Upper

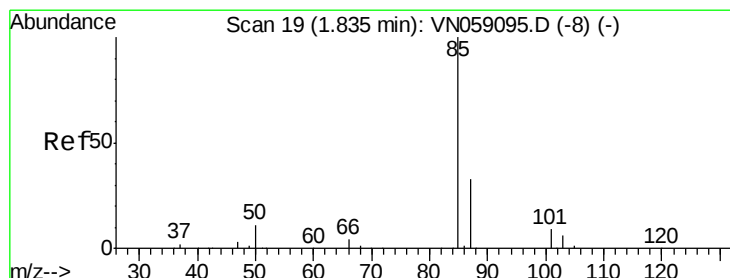
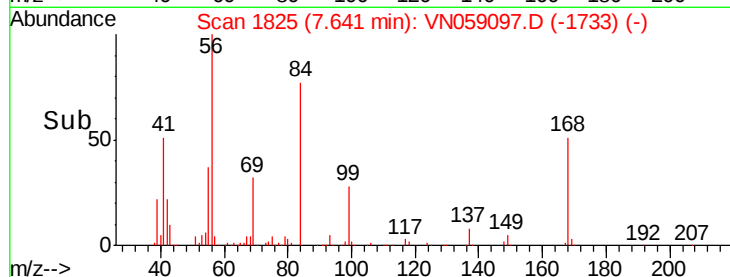
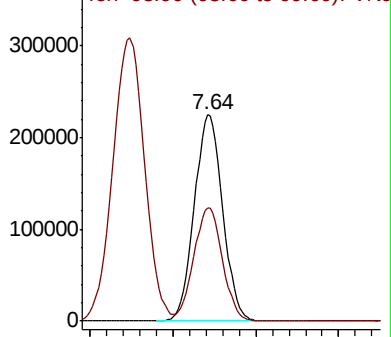
168 100

99 55.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 135.450 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059097.D

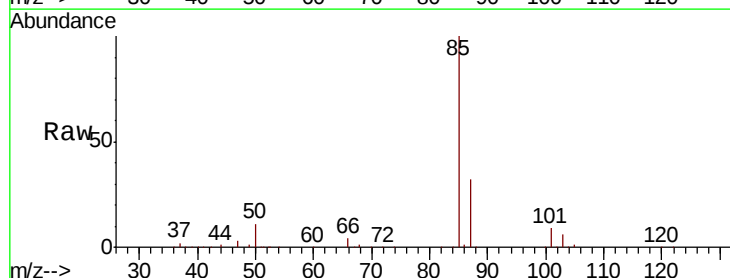
Acq: 6 Nov 2019 10:45

Tgt Ion: 85 Resp: 776935

Ion Ratio Lower Upper

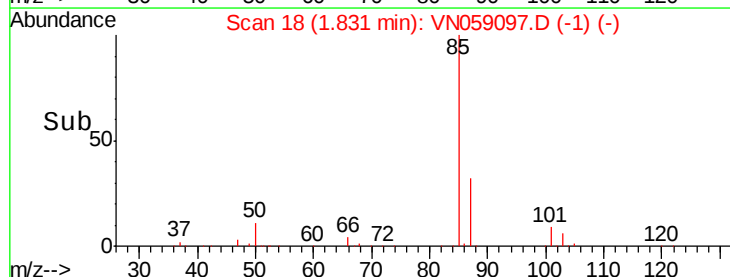
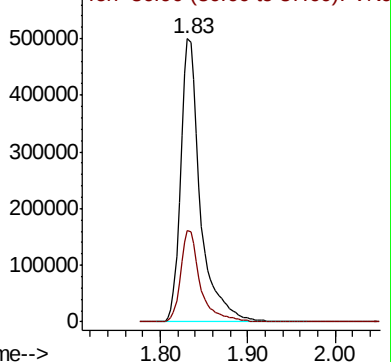
85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 130.591 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

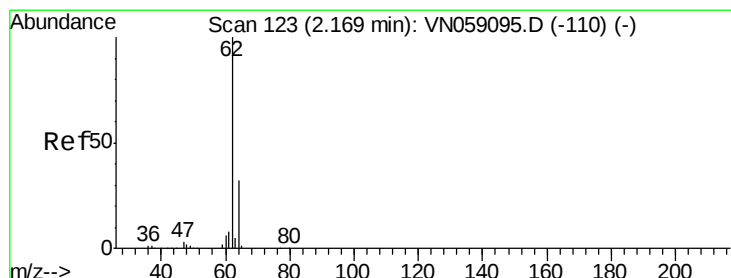
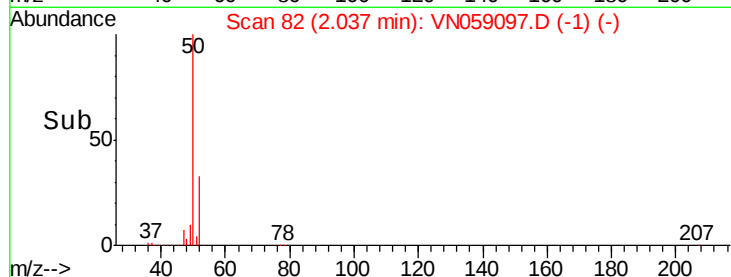
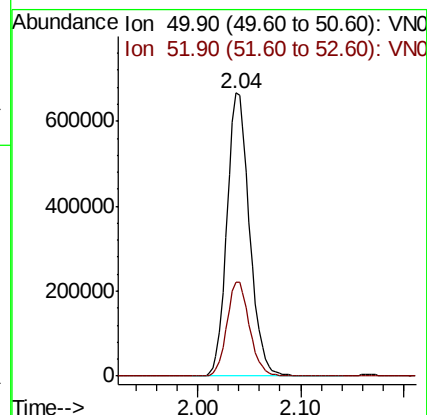
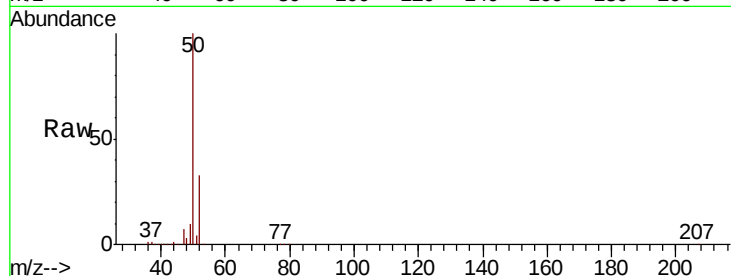
VSTDIC150

Tot Ion: 50 Resp: 1014865

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 134.649 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059097.D

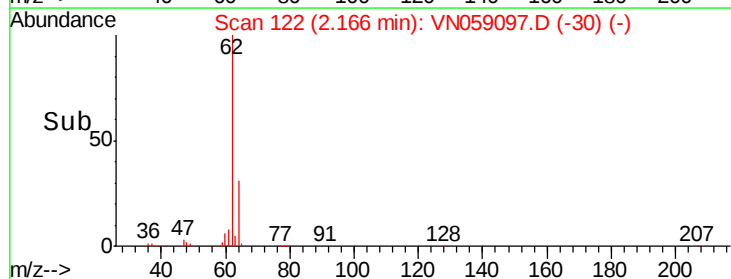
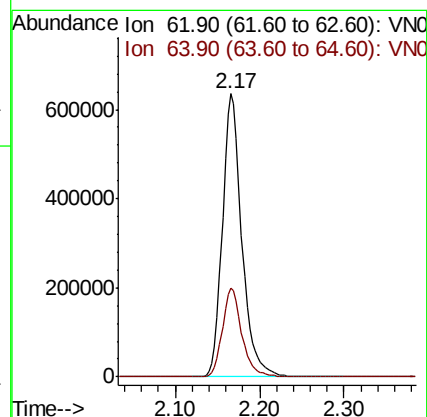
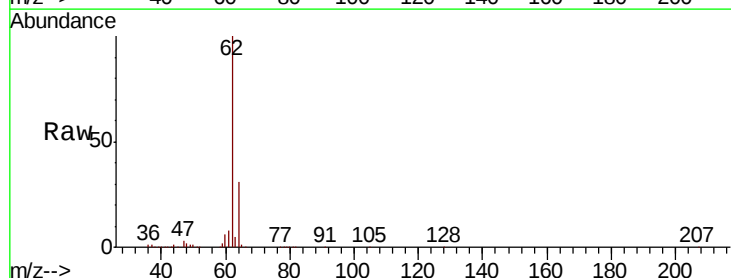
Acq: 6 Nov 2019 10:45

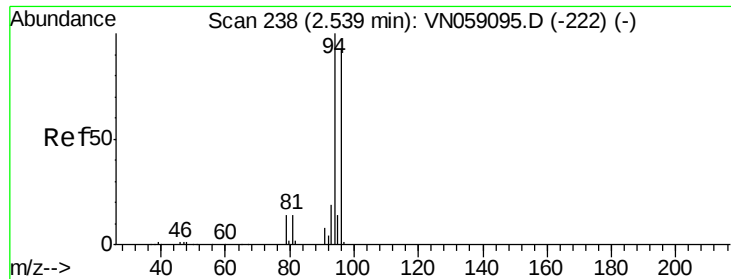
Tgt Ion: 62 Resp: 1017045

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 126.419 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.03 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

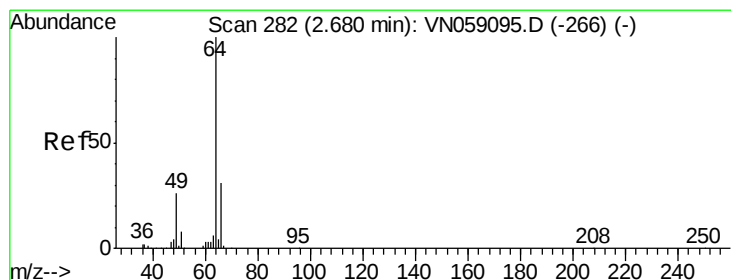
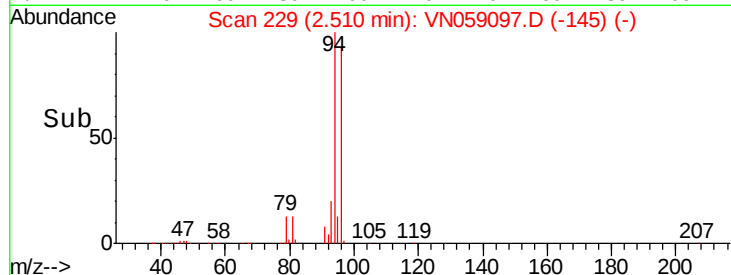
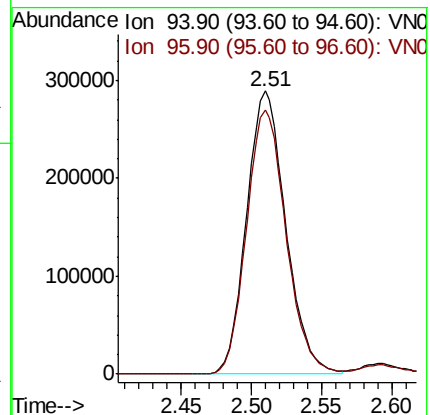
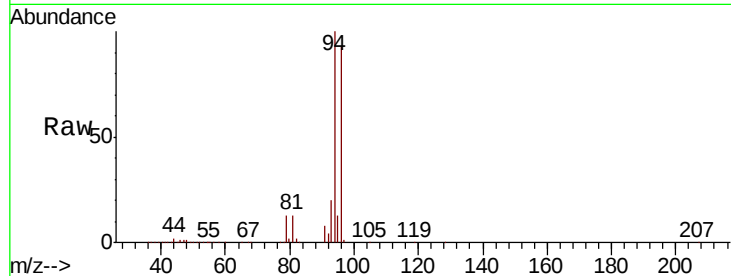
VSTDIC150

Tot Ion: 94 Resp: 562348

Ion Ratio Lower Upper

94 100

96 93.2 74.2 111.2



#6

Chloroethane

Concen: 112.219 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.02 min

Lab File: VN059097.D

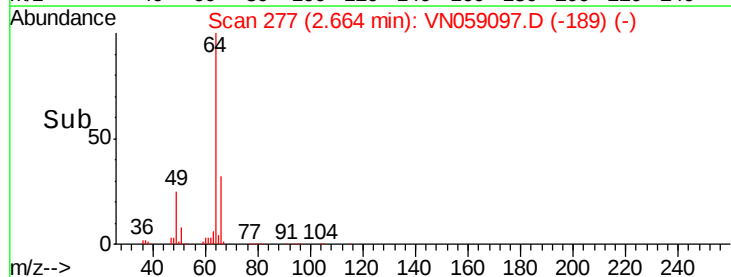
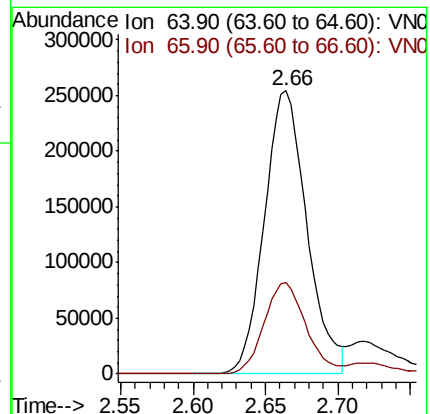
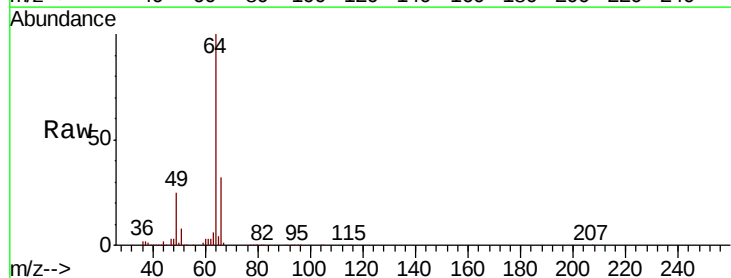
Acq: 6 Nov 2019 10:45

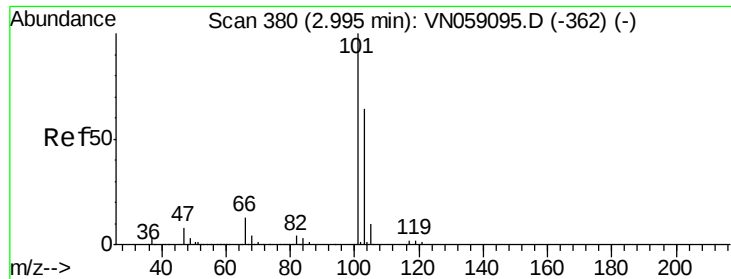
Tgt Ion: 64 Resp: 519089

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8



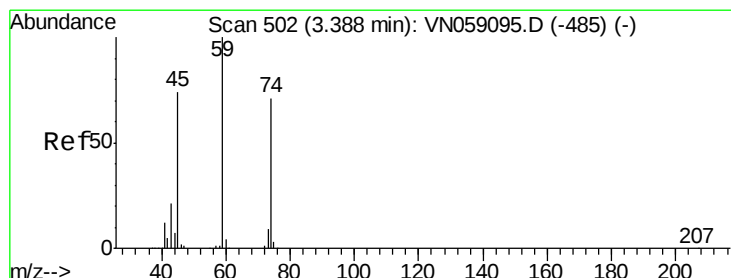
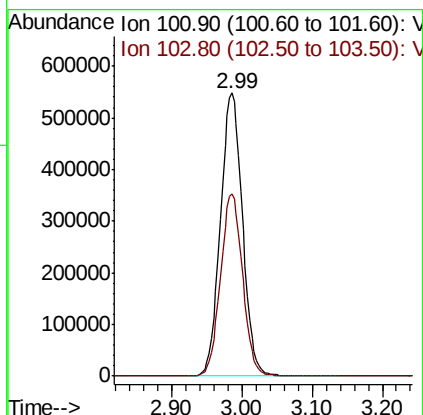
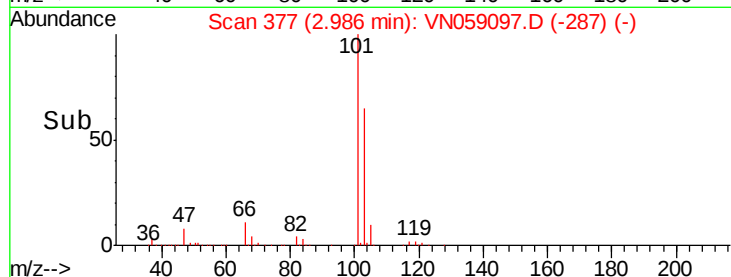
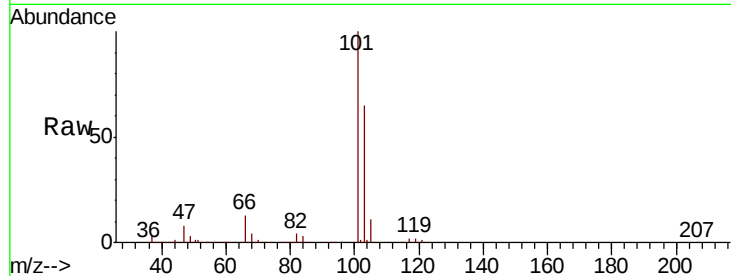


#7

Trichlorofluoromethane  
 Concen: 132.943 ug/l  
 RT: 2.99 min Scan# 377  
 Delta R.T. -0.01 min  
 Lab File: VN059097.D  
 Acq: 6 Nov 2019 10:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

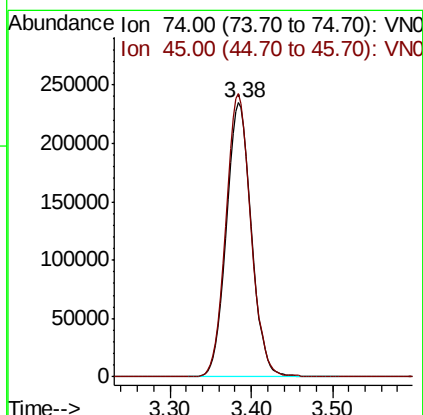
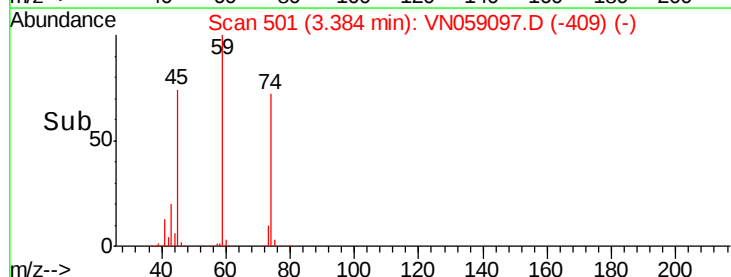
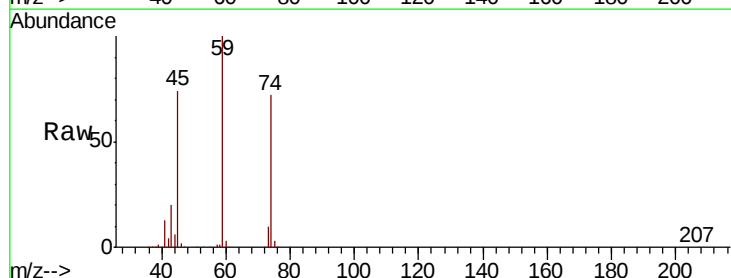
Tot Ion:101 Resp: 1196253  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 51.2 76.8



#8

Diethyl Ether  
 Concen: 144.131 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN059097.D  
 Acq: 6 Nov 2019 10:45

Tgt Ion: 74 Resp: 508156  
 Ion Ratio Lower Upper  
 74 100  
 45 103.3 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.946 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

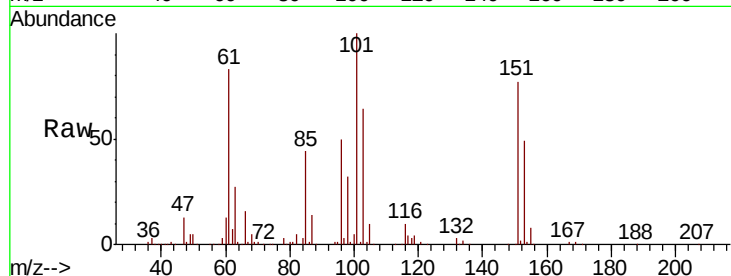
Tot Ion:101 Resp: 737696

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

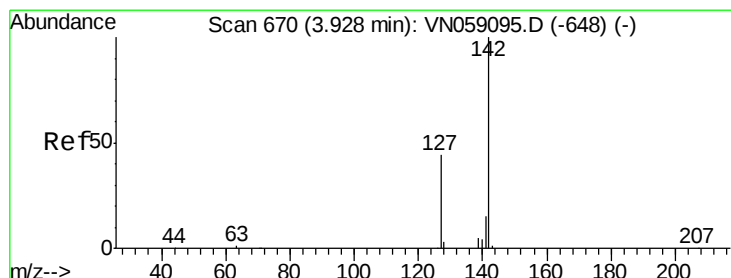
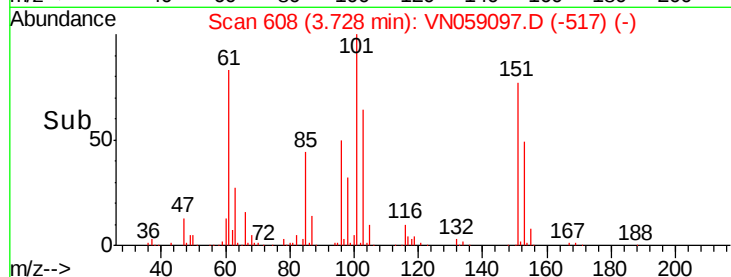
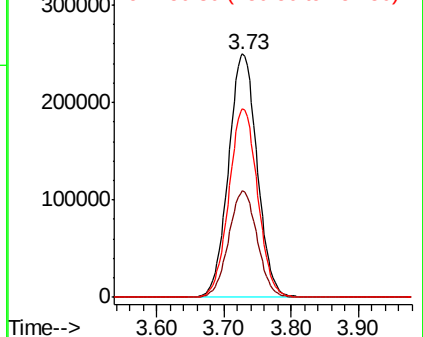
151 77.9 62.2 93.2



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: 156.168 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

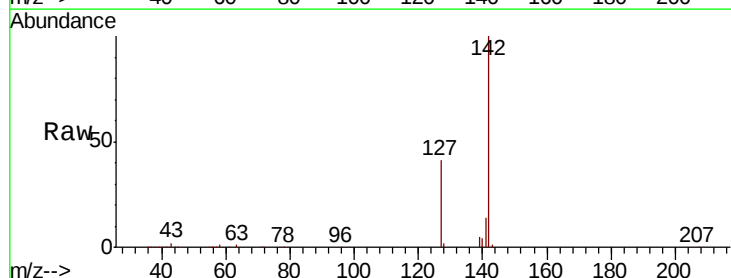
Tgt Ion:142 Resp: 1012378

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.2

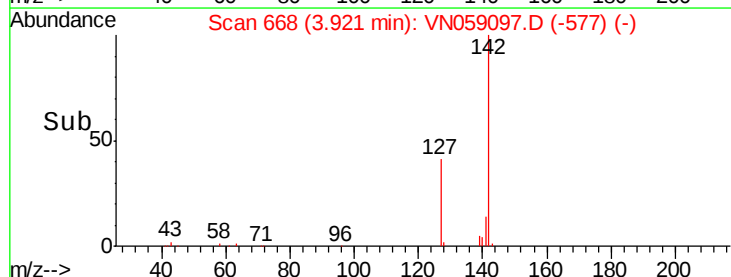
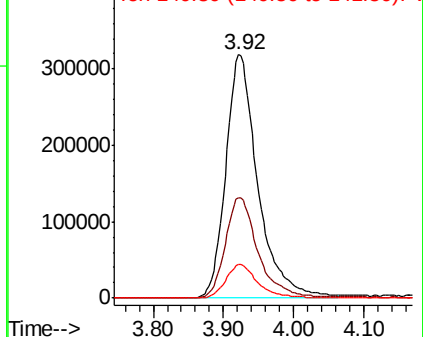
141 13.9 11.4 17.0

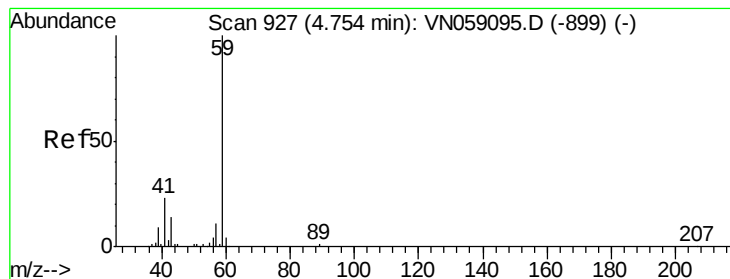


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 735.715 ug/l

RT: 4.76 min Scan# 929

Delta R.T. 0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

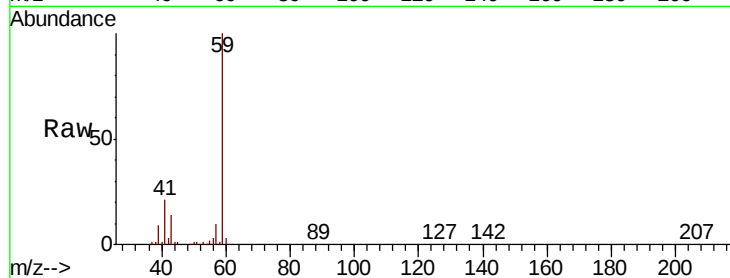
VSTDIC150

Tot Ion: 59 Resp: 958890

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN059097.D (-834) (-)

Ion 57.00 (56.70 to 57.70): VN059097.D (-834) (-)

4.76

300000

250000

200000

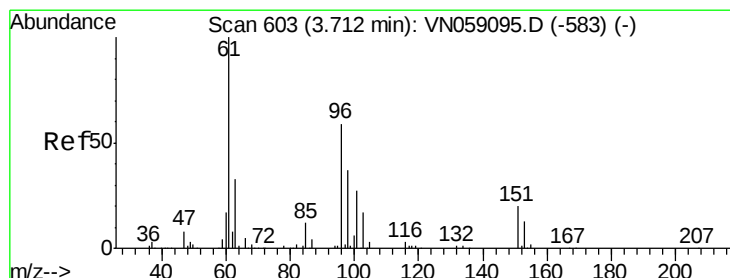
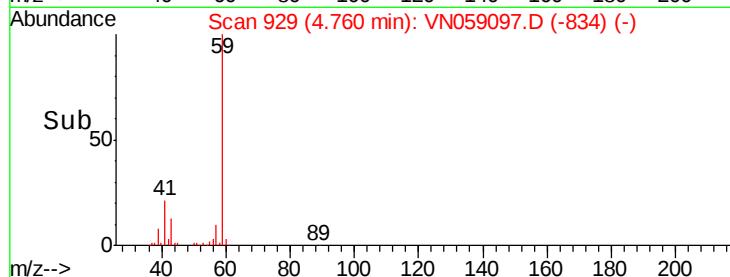
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 136.878 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

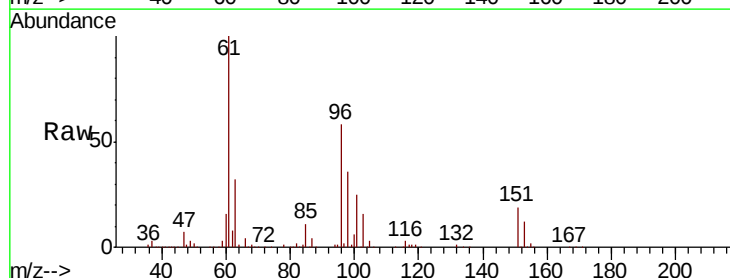
Tgt Ion: 96 Resp: 722234

Ion Ratio Lower Upper

96 100

61 173.0 136.5 204.7

98 62.7 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN059097.D (-510) (-)

Ion 60.90 (60.60 to 61.60): VN059097.D (-510) (-)

Ion 97.90 (97.60 to 98.60): VN059097.D (-510) (-)

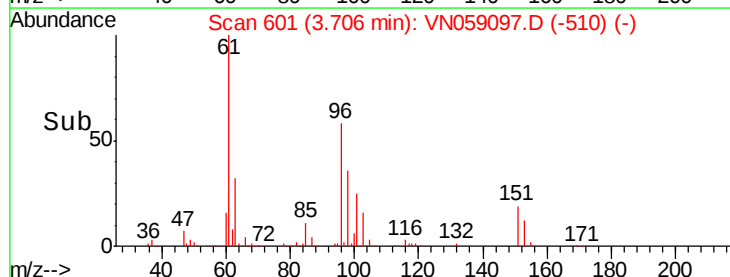
600000

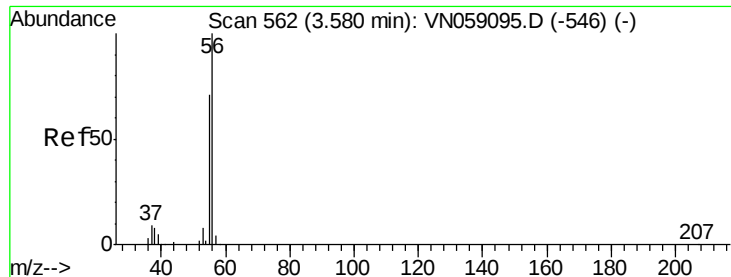
400000

200000

0

Time-->





#13

Acrolein

Concen: 622.575 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

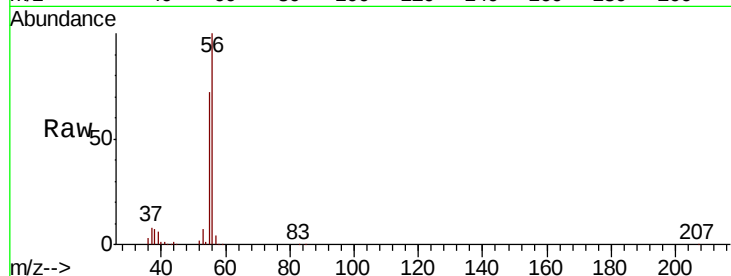
VSTDIC150

Tot Ion: 56 Resp: 488923

Ion Ratio Lower Upper

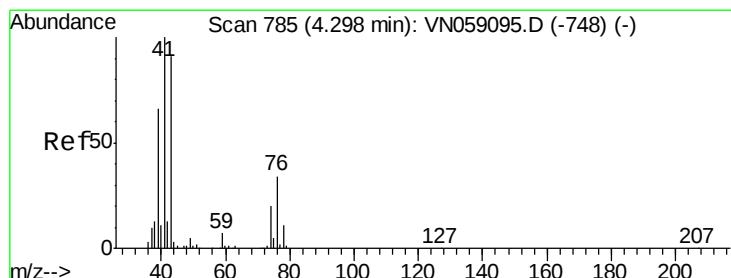
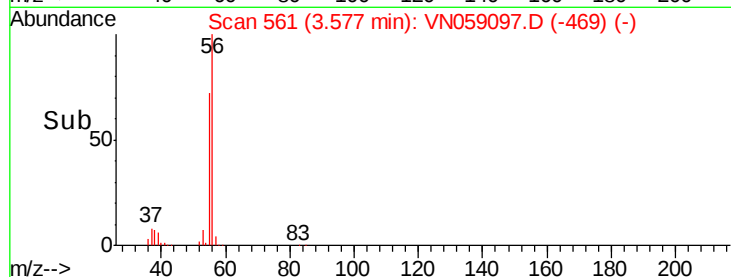
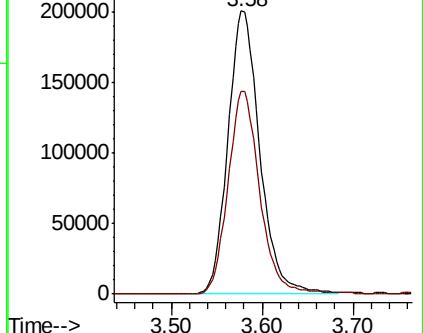
56 100

55 71.6 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN059095.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN059095.D (-546) (-)



#14

Allyl chloride

Concen: 143.017 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

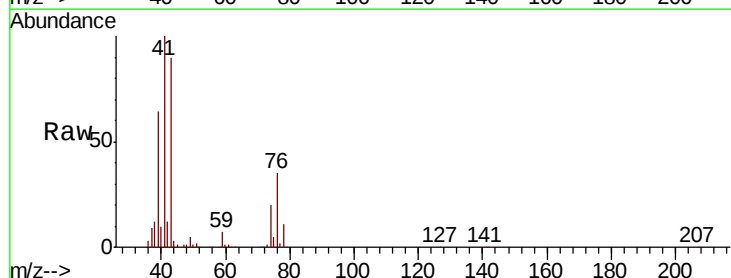
Tgt Ion: 41 Resp: 1495248

Ion Ratio Lower Upper

41 100

39 59.0 49.1 73.7

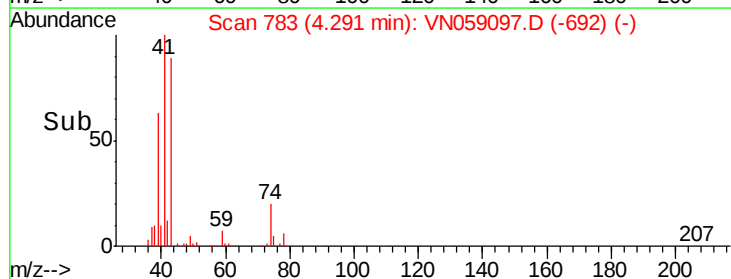
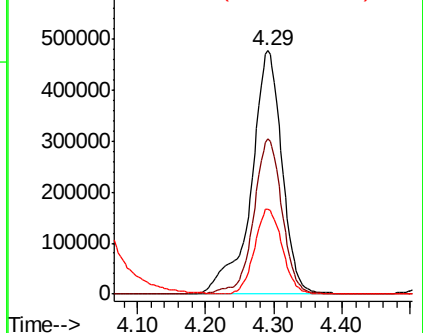
76 31.1 24.9 37.3

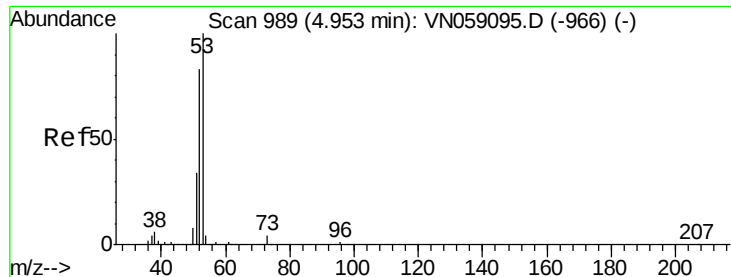


Abundance Ion 41.00 (40.70 to 41.70): VN059095.D (-748) (-)

Ion 39.00 (38.70 to 39.70): VN059095.D (-748) (-)

Ion 75.90 (75.60 to 76.60): VN059095.D (-748) (-)





#15

Acrylonitrile

Concen: 743.271 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

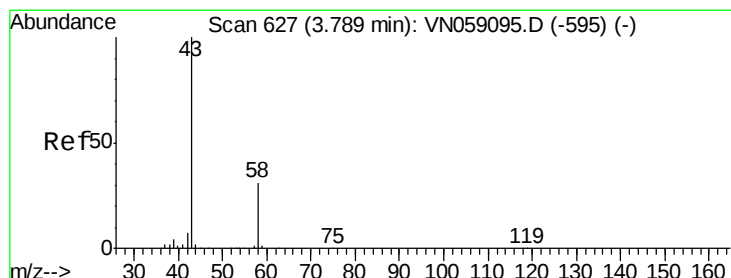
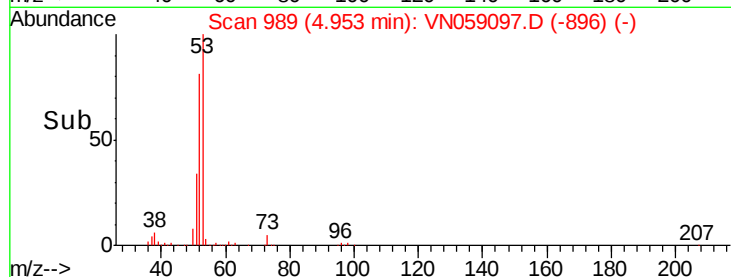
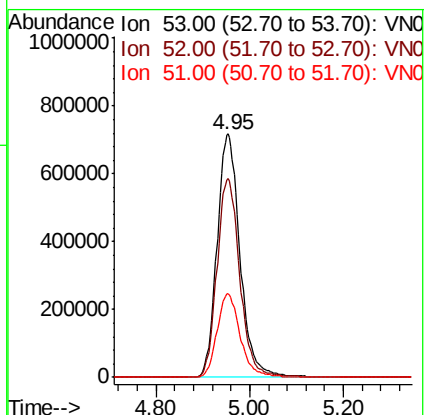
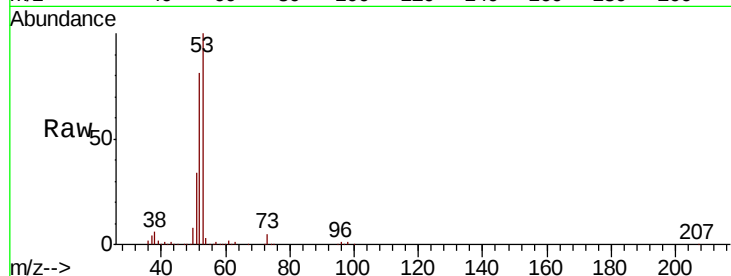
Tot Ion: 53 Resp: 2439486

Ion Ratio Lower Upper

53 100

52 81.5 65.0 97.6

51 34.9 28.0 42.0



#16

Acetone

Concen: 707.359 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059097.D

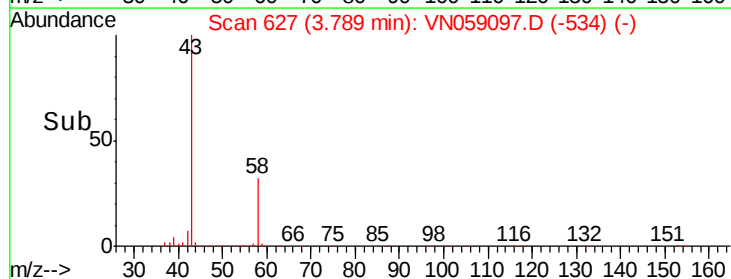
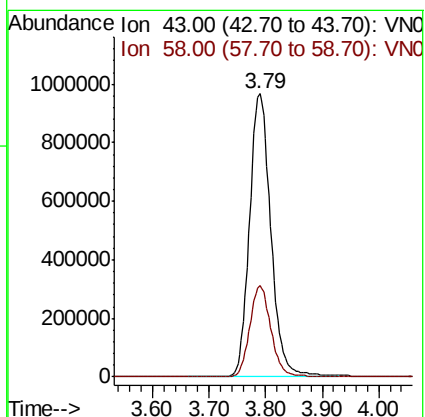
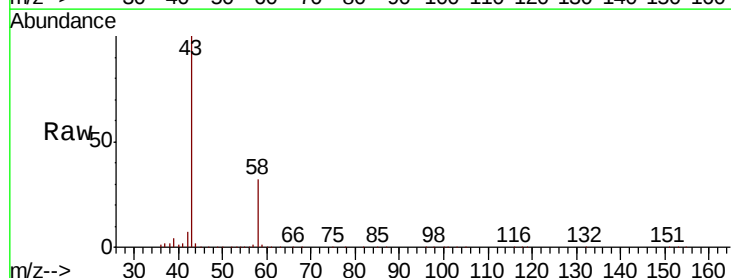
Acq: 6 Nov 2019 10:45

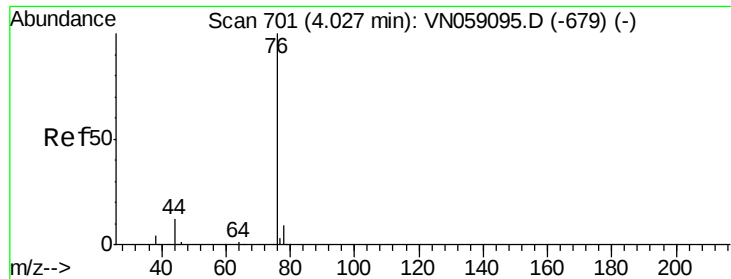
Tgt Ion: 43 Resp: 2545721

Ion Ratio Lower Upper

43 100

58 32.2 24.9 37.3

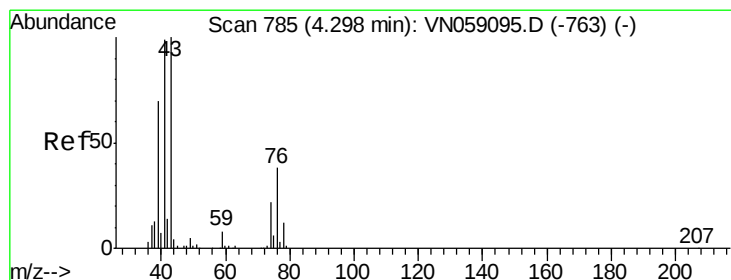
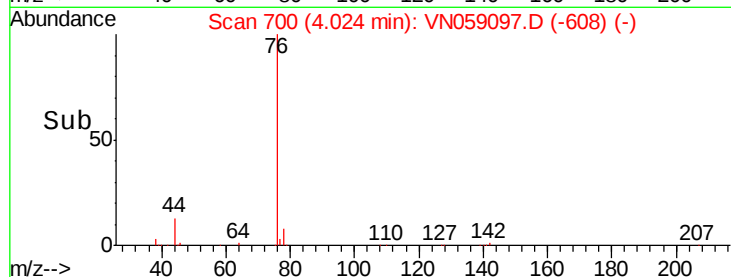
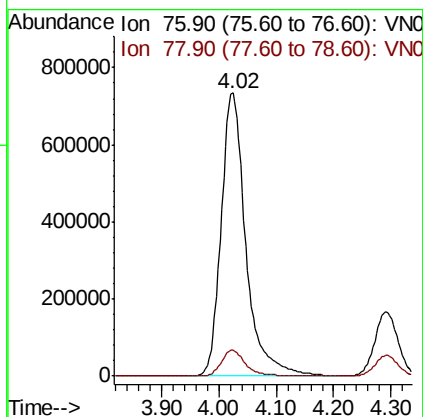
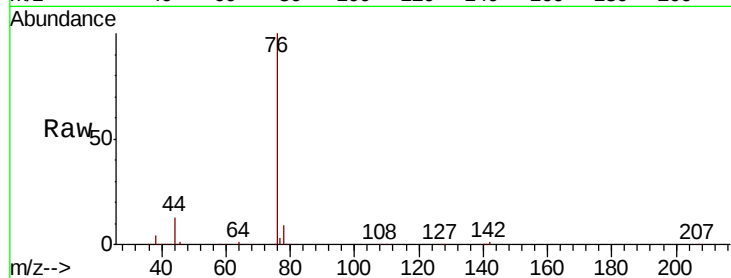




#17  
Carbon Disulfide  
Concen: 132.346 ug/l  
RT: 4.02 min Scan# 700  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

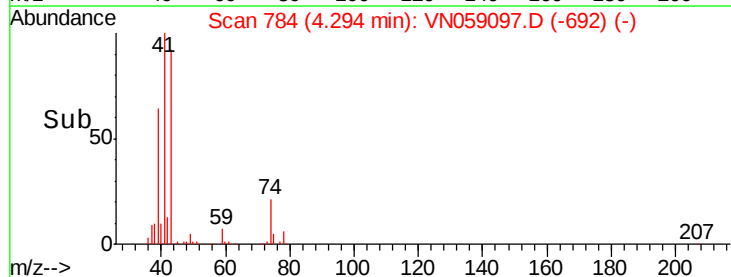
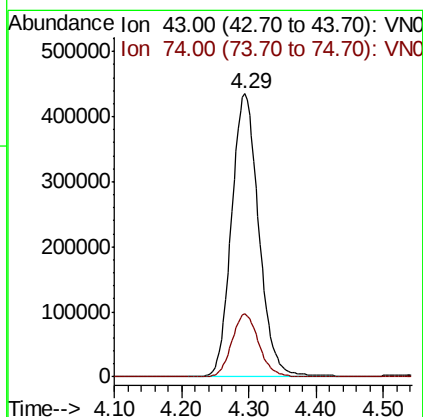
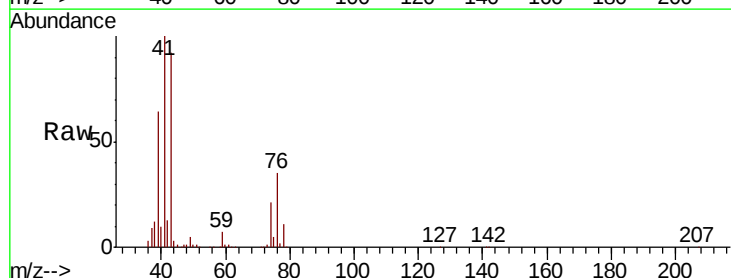
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

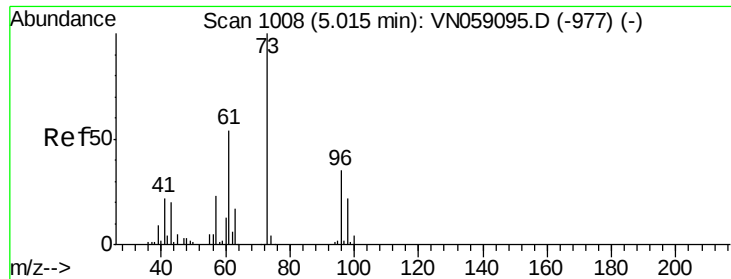
Tot Ion: 76 Resp: 2203275  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 134.306 ug/l  
RT: 4.29 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 43 Resp: 1217442  
Ion Ratio Lower Upper  
43 100  
74 22.2 17.8 26.8

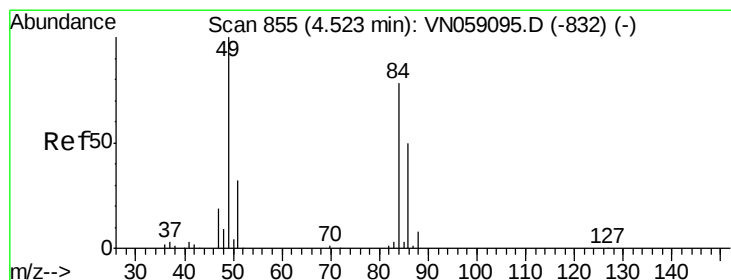
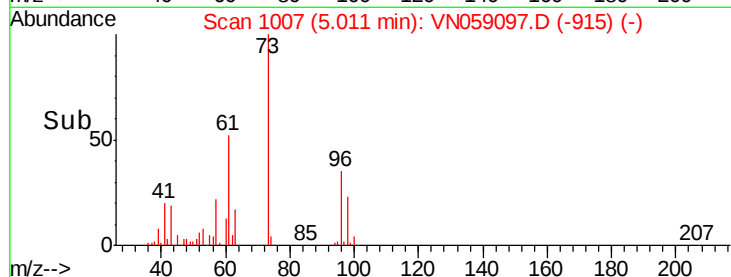
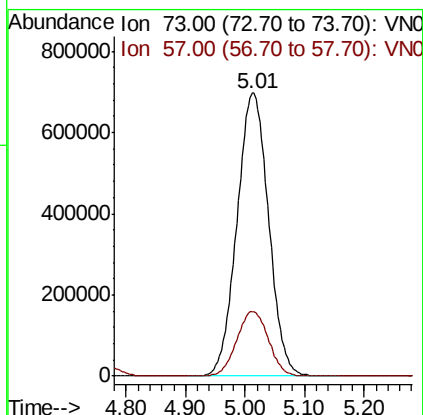
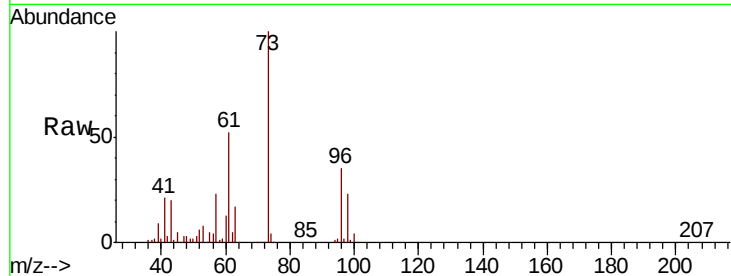




#19  
Methvl tert-butvl Ether  
Concen: 143.419 ug/l  
RT: 5.01 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

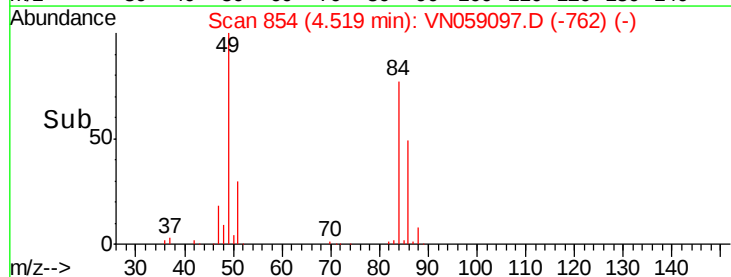
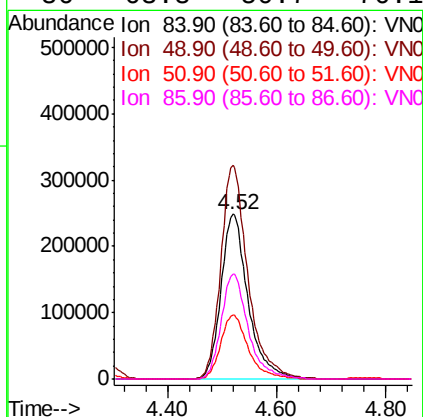
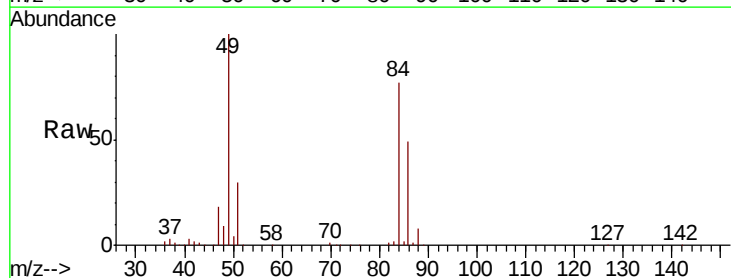
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

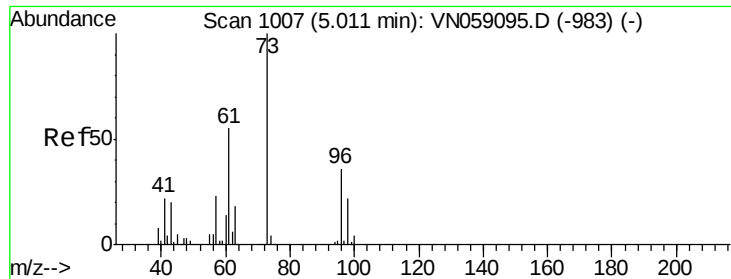
Tot Ion: 73 Resp: 2581034  
Ion Ratio Lower Upper  
73 100  
57 23.0 18.4 27.6



#20  
Methylene Chloride  
Concen: 136.459 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 84 Resp: 854496  
Ion Ratio Lower Upper  
84 100  
49 129.6 102.0 153.0  
51 39.2 32.2 48.2  
86 63.8 50.7 76.1

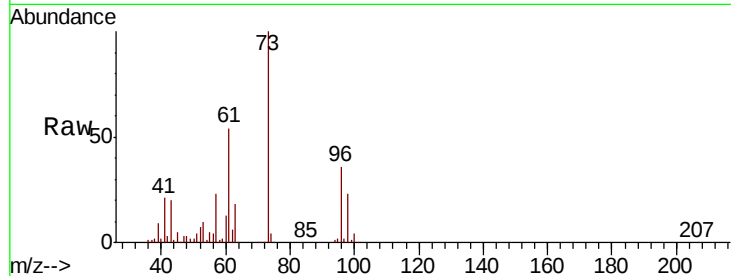




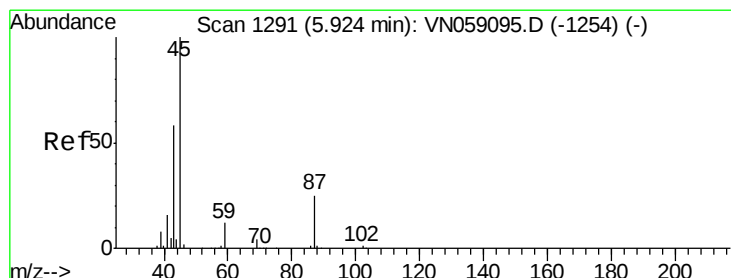
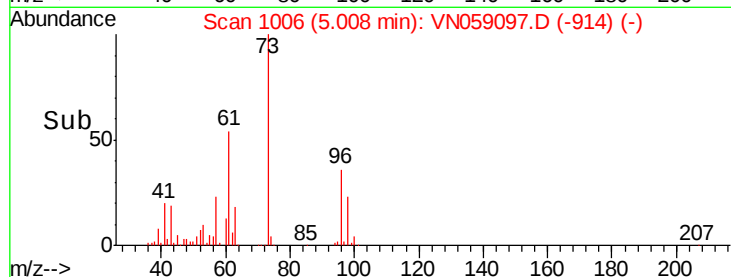
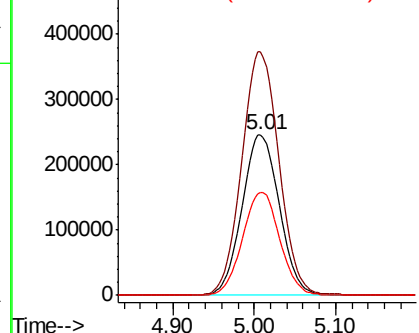
#21  
trans-1,2-Dichloroethene  
Concen: 137.778 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion: 96 Resp: 779487  
Ion Ratio Lower Upper  
96 100  
61 151.5 122.6 183.8  
98 64.2 50.3 75.5

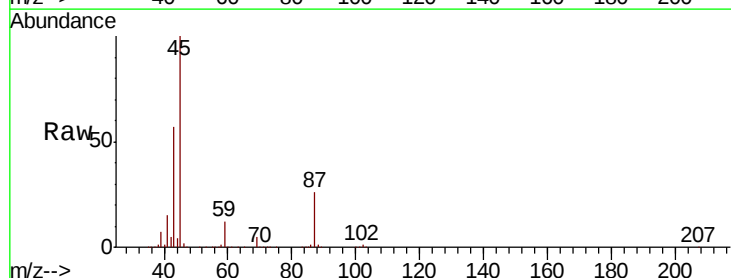


Abundance Ion 95.90 (95.60 to 96.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO  
Ion 97.90 (97.60 to 98.60): VNO

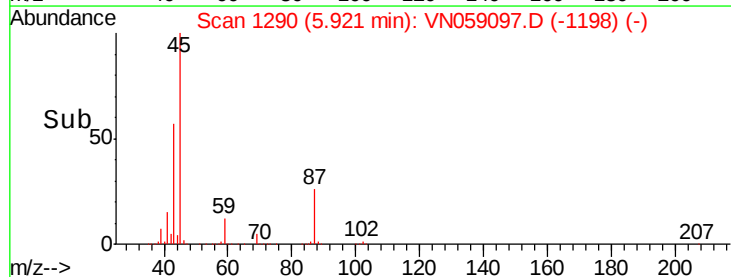
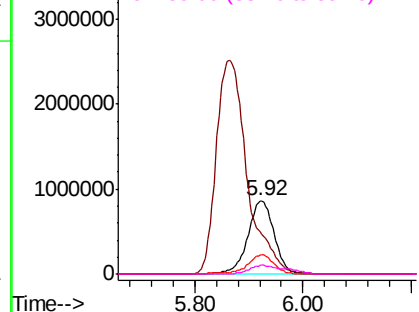


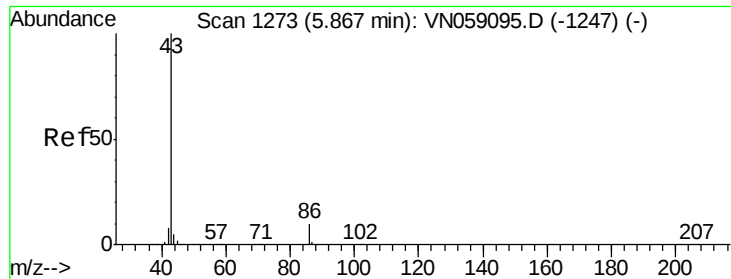
#22  
Diisopropyl ether  
Concen: 145.411 ug/l  
RT: 5.92 min Scan# 1290  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 45 Resp: 2898196  
Ion Ratio Lower Upper  
45 100  
43 57.0 46.7 70.1  
87 25.8 20.5 30.7  
59 11.7 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VNO  
Ion 43.00 (42.70 to 43.70): VNO  
Ion 87.00 (86.70 to 87.70): VNO  
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 631.592 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

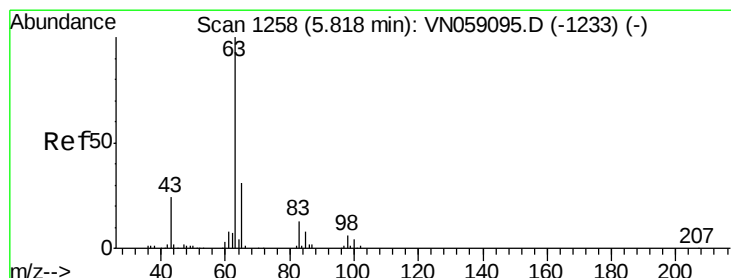
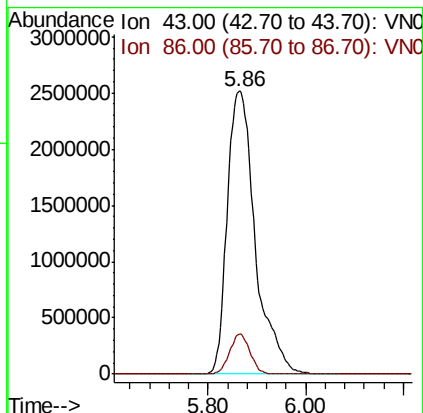
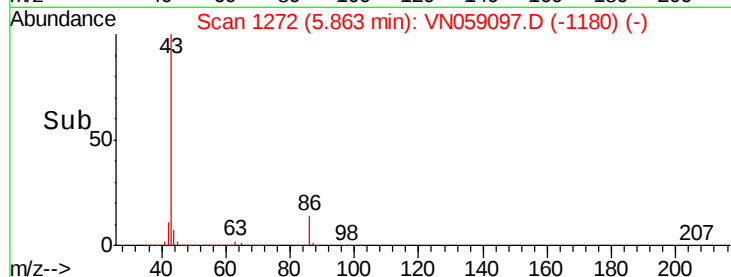
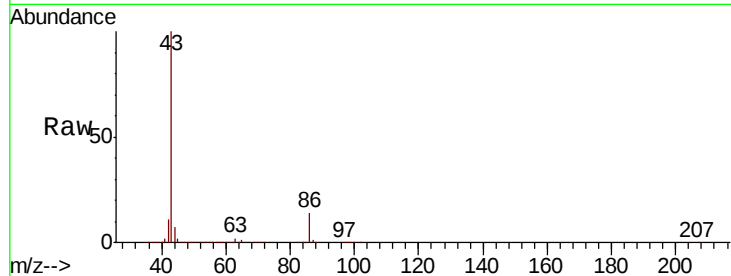
VSTDIC150

Tot Ion: 43 Resp:10001540

Ion Ratio Lower Upper

43 100

86 14.2 7.7 11.5#



#24

1,1-Dichloroethane

Concen: 136.248 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

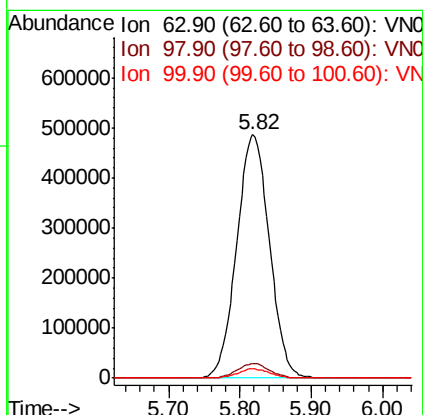
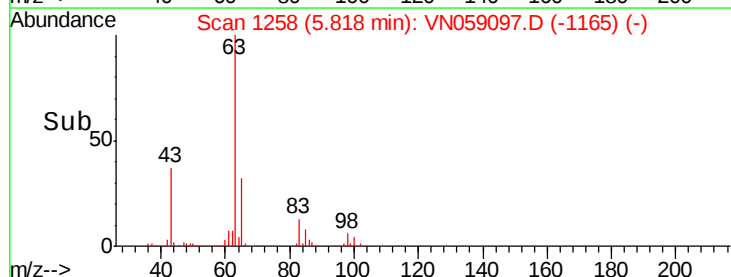
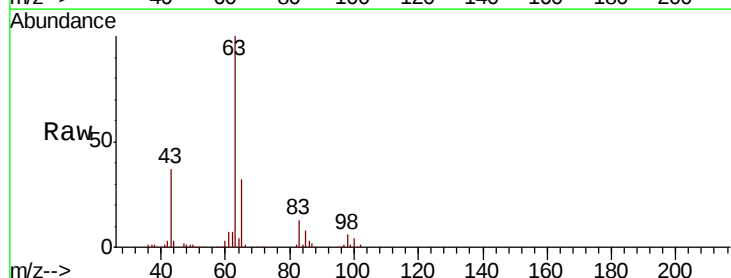
Tgt Ion: 63 Resp: 1553751

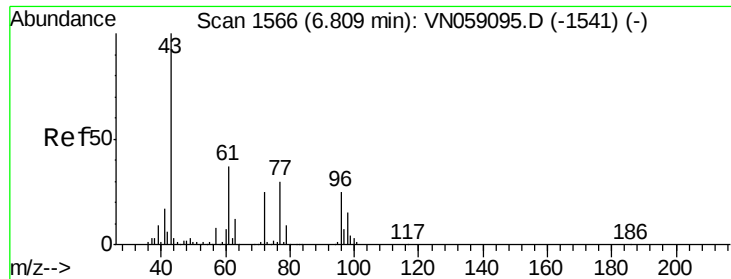
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 729.593 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

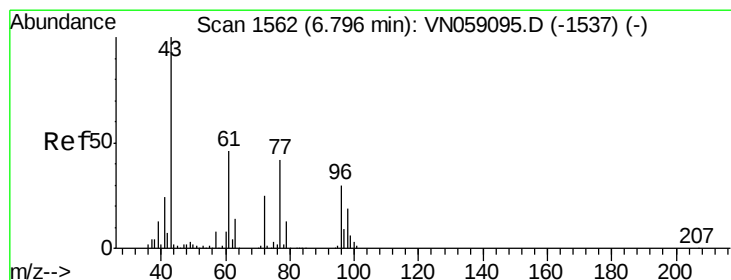
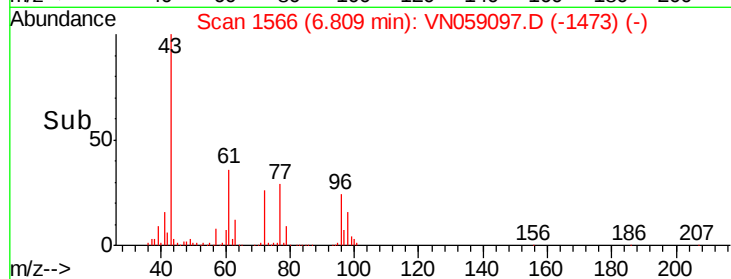
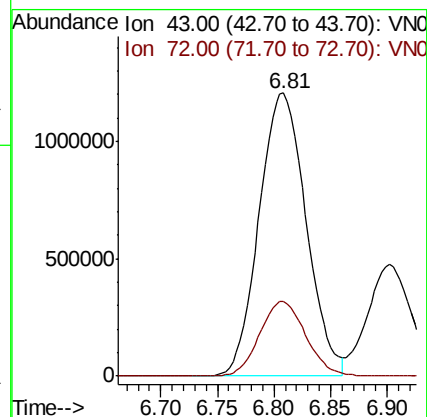
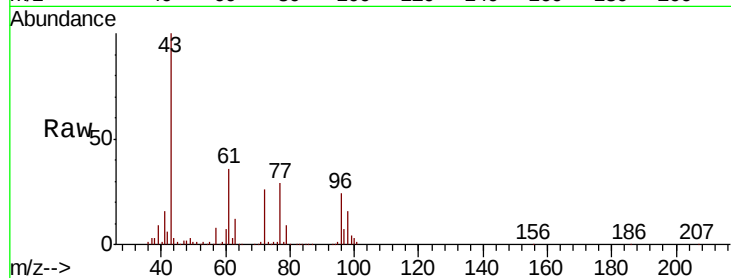
VSTDIC150

Tot Ion: 43 Resp: 3472370

Ion Ratio Lower Upper

43 100

72 26.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 133.046 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059097.D

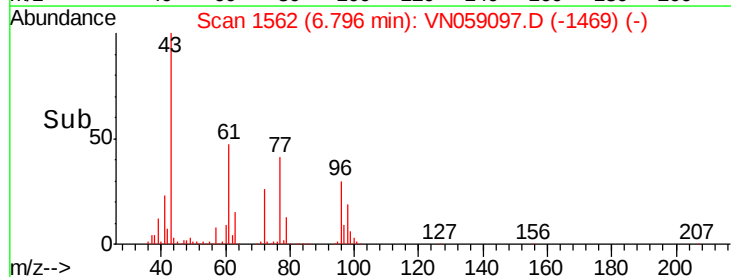
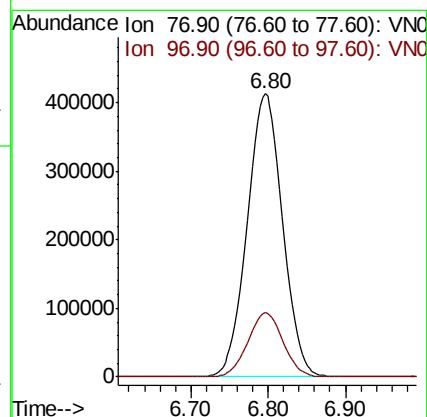
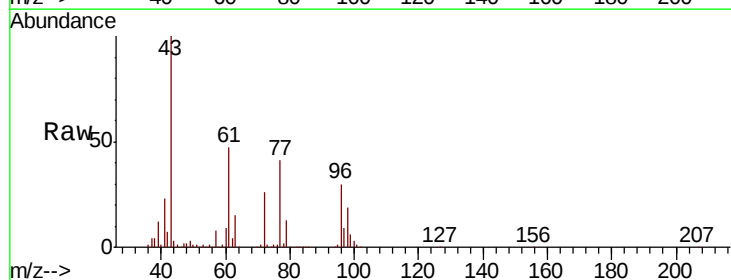
Acq: 6 Nov 2019 10:45

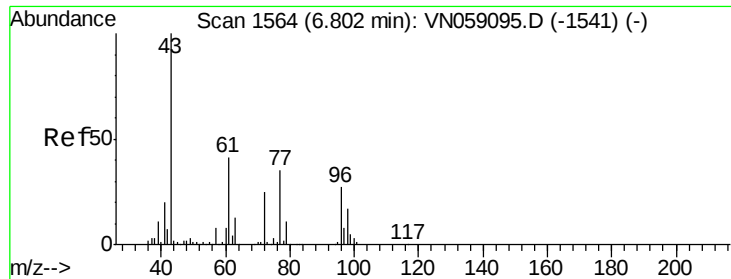
Tgt Ion: 77 Resp: 1314814

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 141.512 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

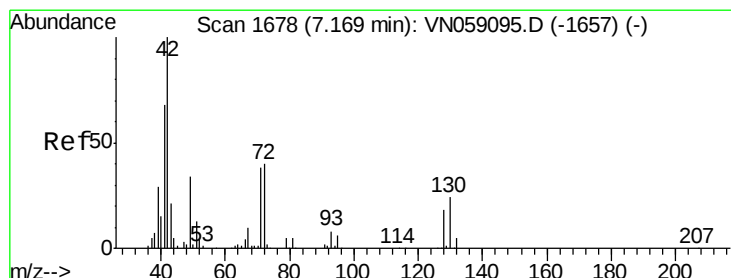
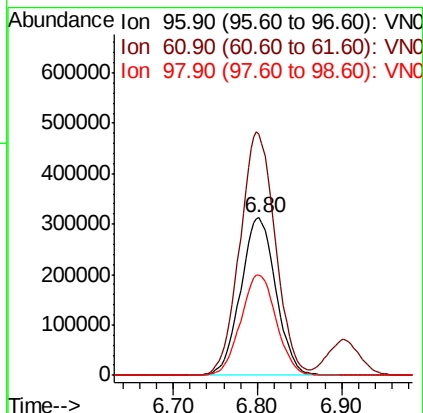
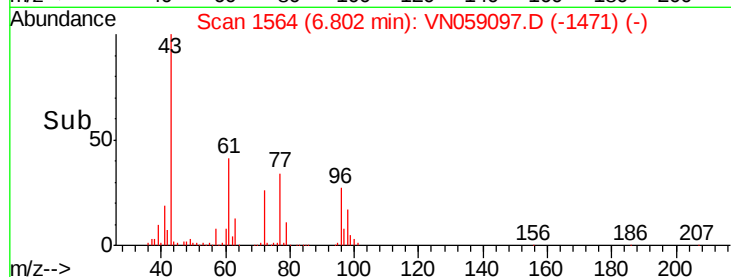
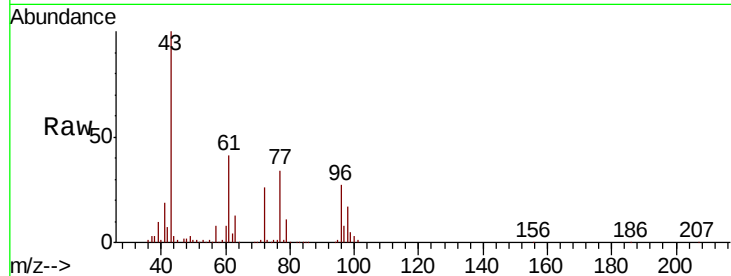
Tot Ion: 96 Resp: 904885

Ion Ratio Lower Upper

96 100

61 155.5 0.0 311.6

98 64.5 0.0 129.8



#28

Bromochloromethane

Concen: 126.204 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

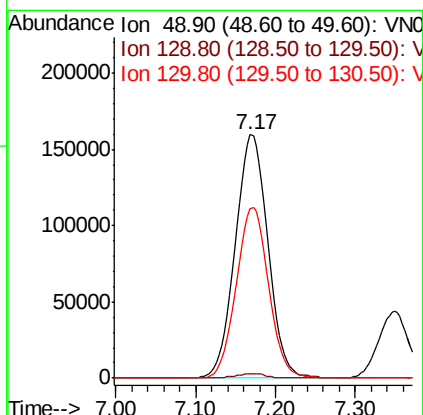
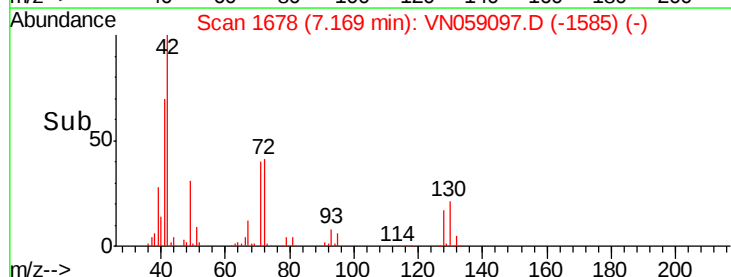
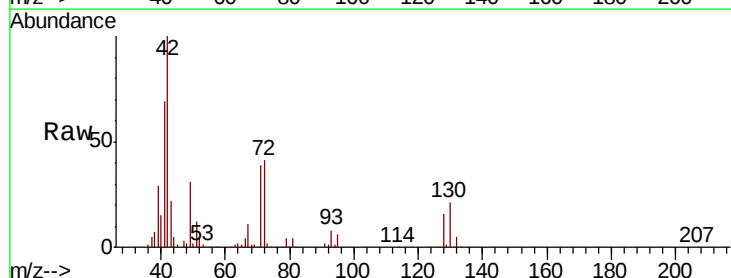
Tgt Ion: 49 Resp: 441197

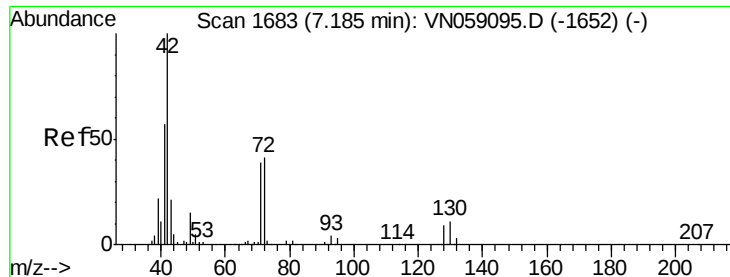
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 69.3 55.6 83.4

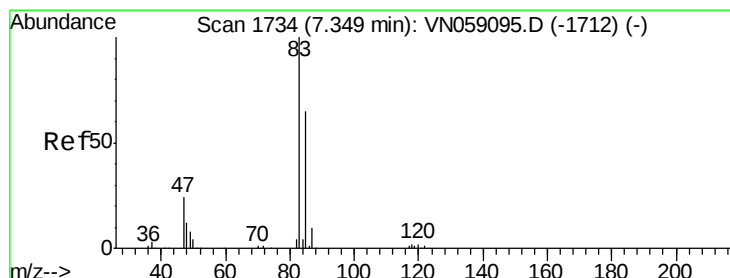
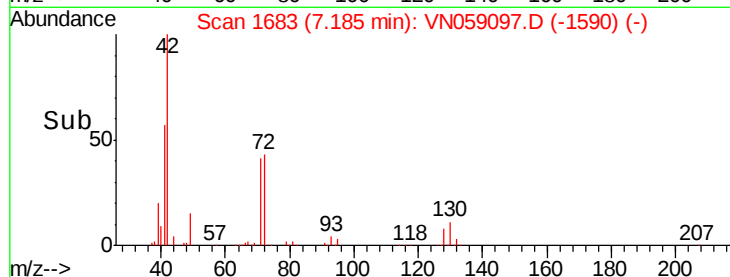
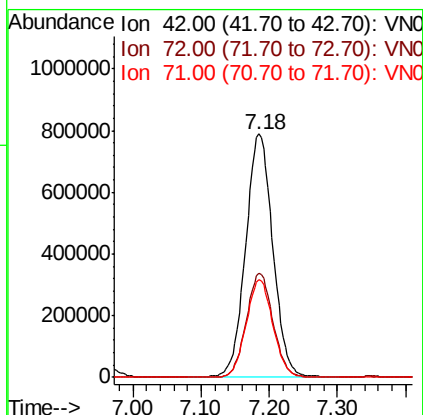
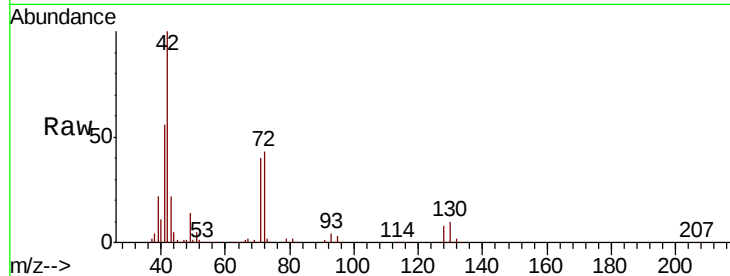




#29  
Tetrahydrofuran  
Concen: 726.569 ug/l  
RT: 7.18 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

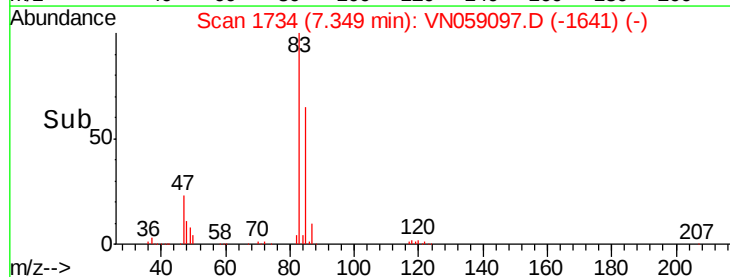
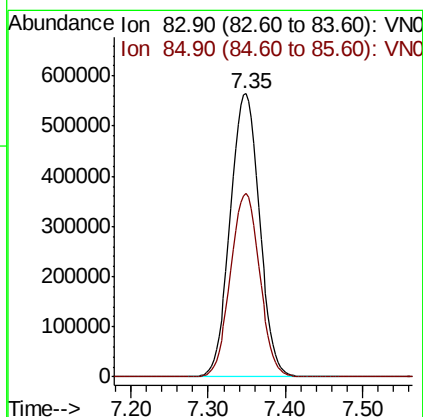
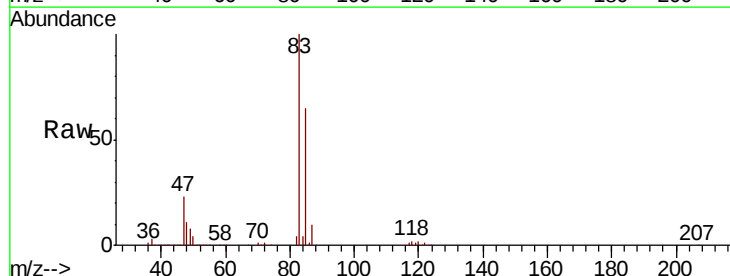
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

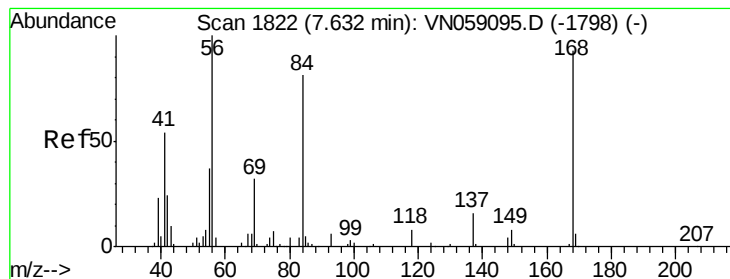
Tot Ion: 42 Resp: 2180476  
Ion Ratio Lower Upper  
42 100  
72 41.8 33.1 49.7  
71 39.4 30.9 46.3



#30  
Chloroform  
Concen: 136.014 ug/l  
RT: 7.35 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 83 Resp: 1482436  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.8 77.8





#31

Cyclohexane

Concen: 134.985 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

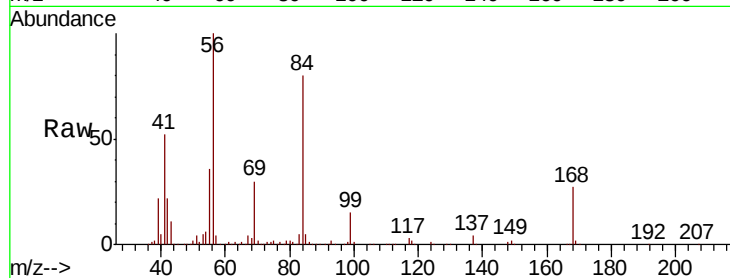
Tot Ion: 56 Resp: 1461995

Ion Ratio Lower Upper

56 100

69 30.4 25.8 38.8

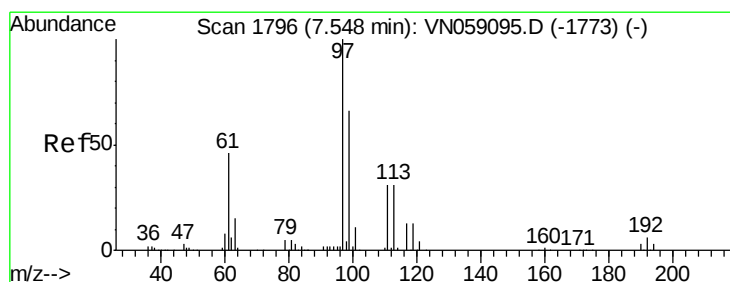
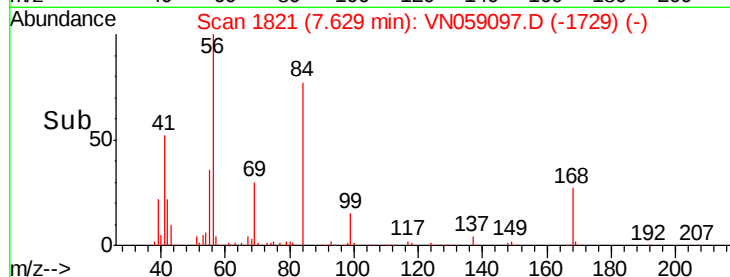
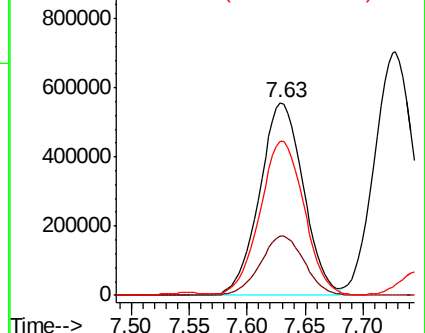
84 78.8 65.0 97.4



Abundance Ion 56.00 (55.70 to 56.70): VN059095.D (-1798) (-)

Ion 69.00 (68.70 to 69.70): VN059095.D (-1798) (-)

Ion 84.00 (83.70 to 84.70): VN059095.D (-1798) (-)



#32

1,1,1-Trichloroethane

Concen: 139.088 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

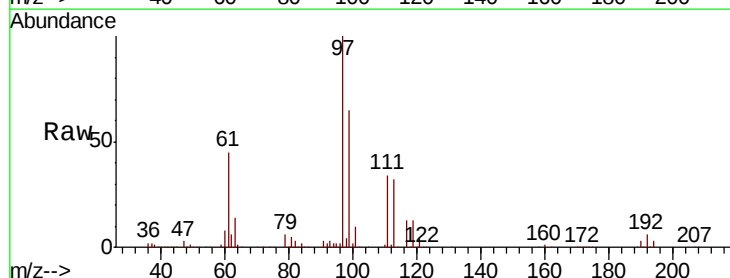
Tgt Ion: 97 Resp: 1282300

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

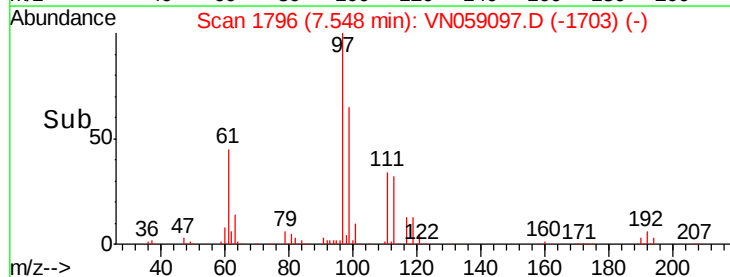
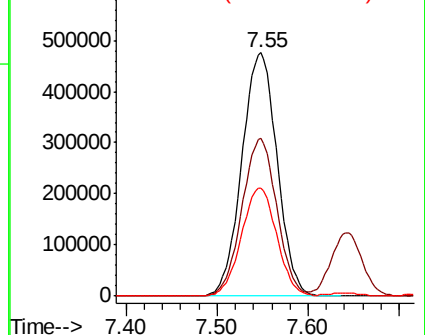
61 44.5 35.8 53.8



Abundance Ion 96.90 (96.60 to 97.60): VN059095.D (-1773) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1773) (-)

Ion 60.90 (60.60 to 61.60): VN059095.D (-1773) (-)





#33

1,2-Dichloroethane-d4

Concen: 133.127 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

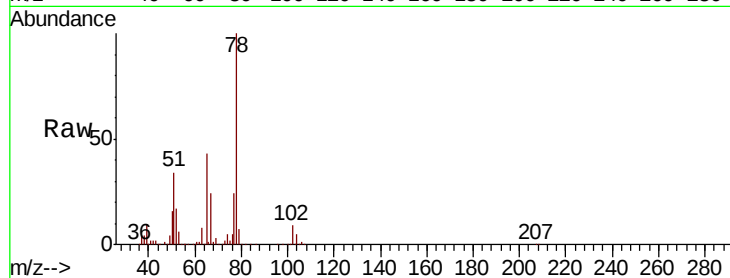
VSTDIC150

Tot Ion: 65 Resp: 921801

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059097.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059097.D (-1845) (-)

8.00

400000

300000

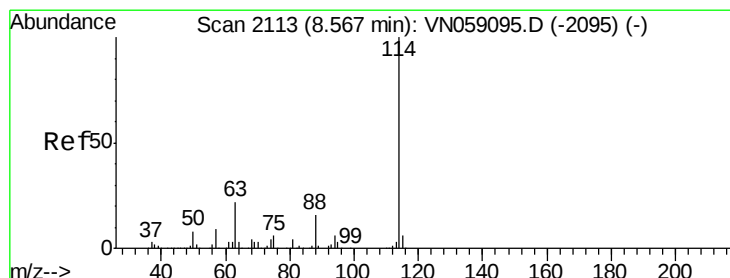
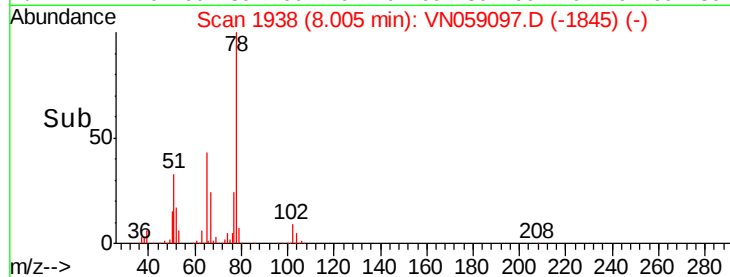
200000

100000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

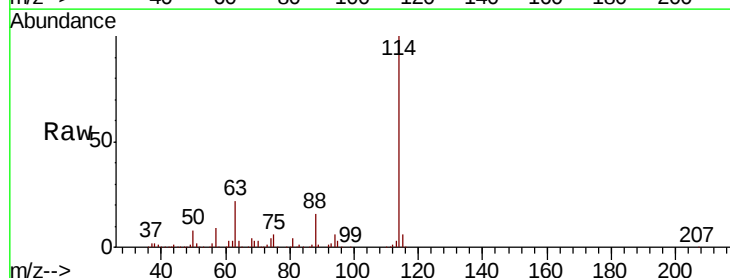
Tgt Ion: 114 Resp: 838450

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 16.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059097.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059097.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059097.D (-2020) (-)

8.57

500000

400000

300000

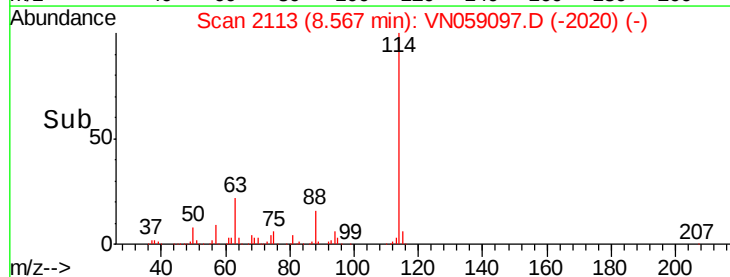
200000

100000

0

8.50 8.55 8.60 8.65 8.70

Time-->

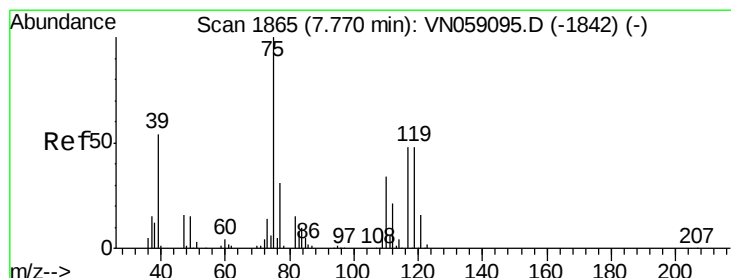
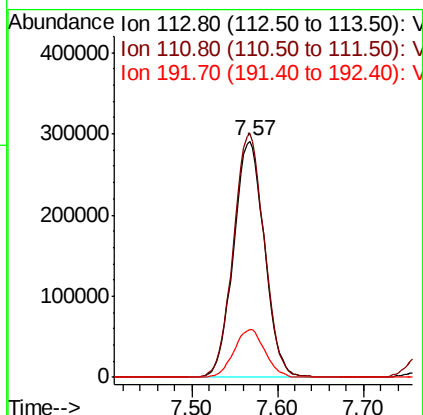
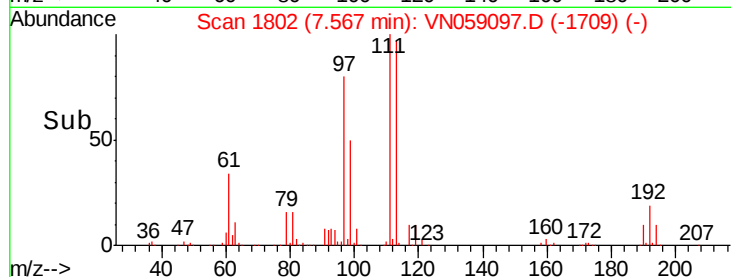
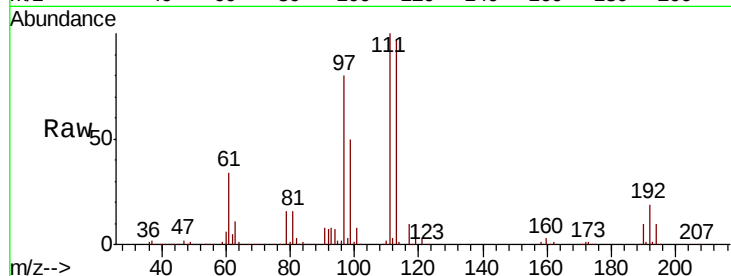




#35  
Dibromofluoromethane  
Concen: 136.789 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

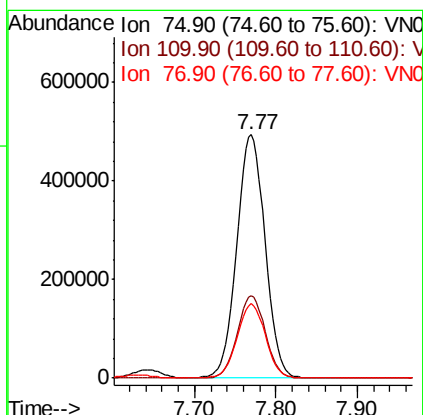
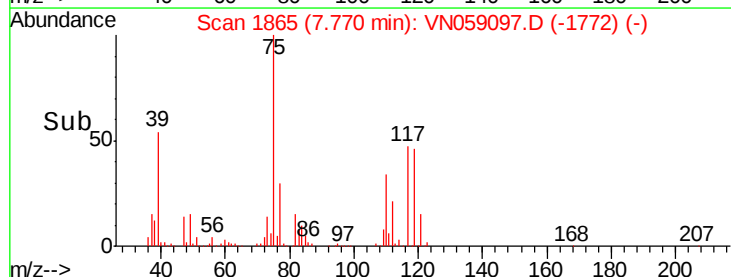
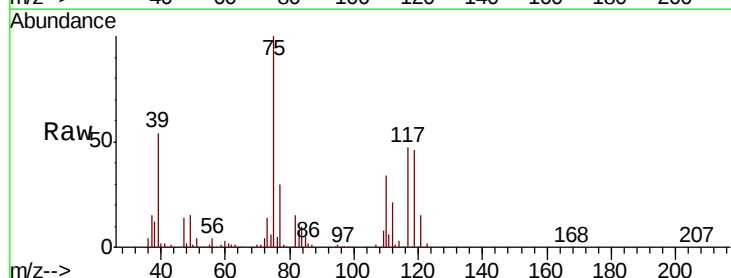
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

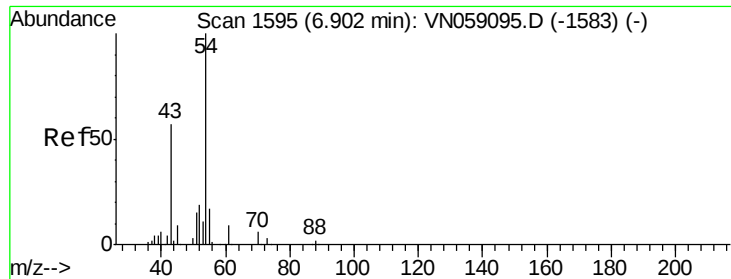
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.4 | 82.8  | 124.2 |
| 192     | 20.3  | 16.1  | 24.1  |



#36  
1,1-Dichloropropene  
Concen: 143.152 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.4  | 17.1  | 51.2  |
| 77      | 30.5  | 24.8  | 37.2  |

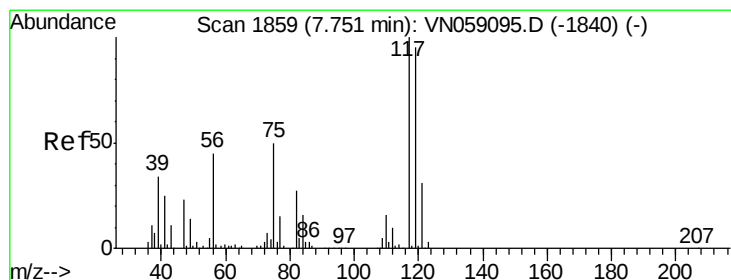
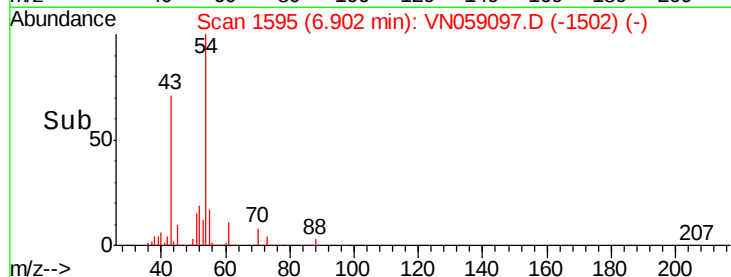
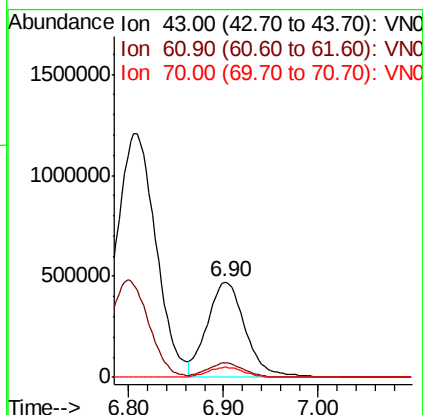
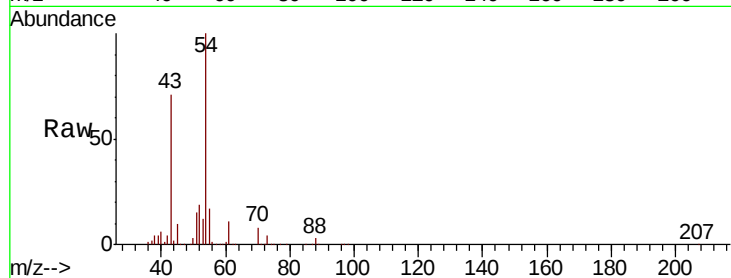




#37  
Ethyl Acetate  
Concen: 141.953 ug/l  
RT: 6.90 min Scan# 1595  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

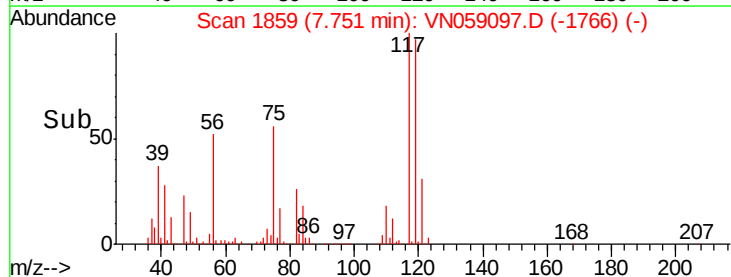
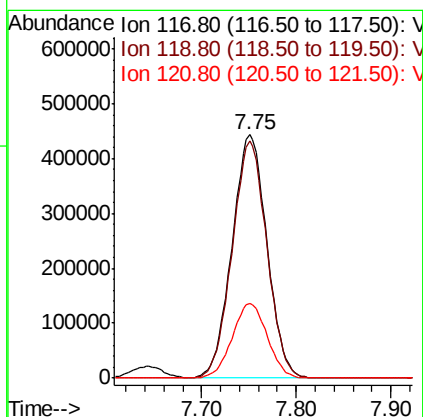
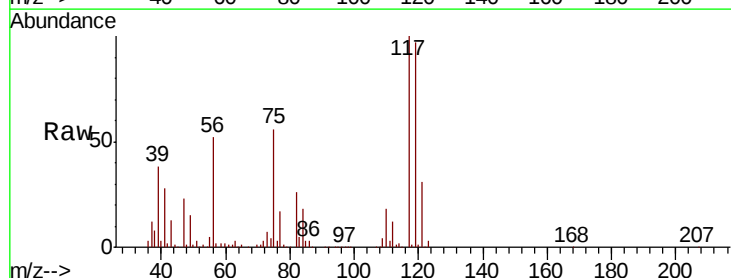
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

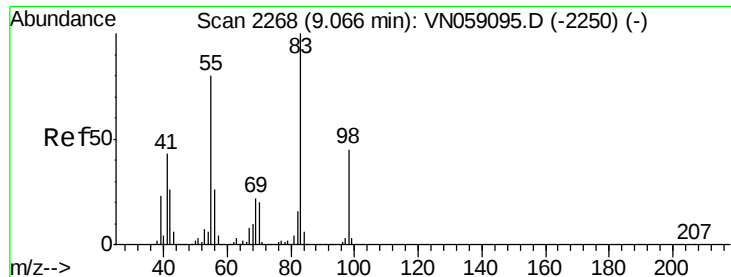
Tot Ion: 43 Resp: 1309619  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.2 16.8  
70 10.4 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 140.339 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 117 Resp: 1135283  
Ion Ratio Lower Upper  
117 100  
119 97.2 75.6 113.4  
121 30.9 24.6 36.8

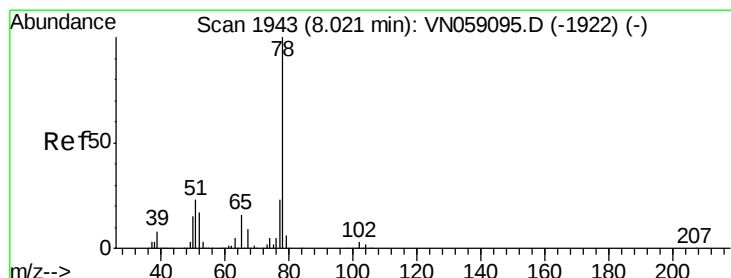
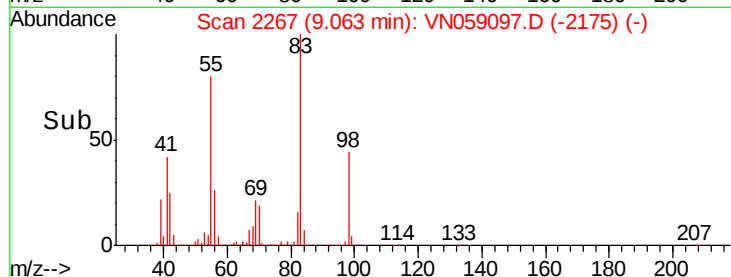
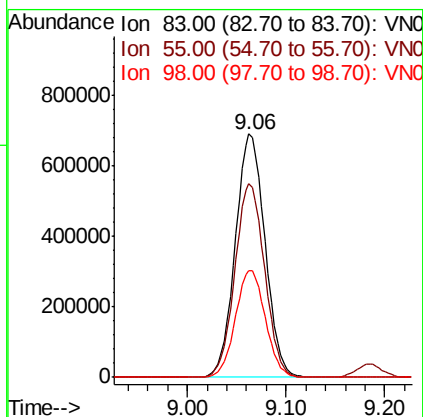
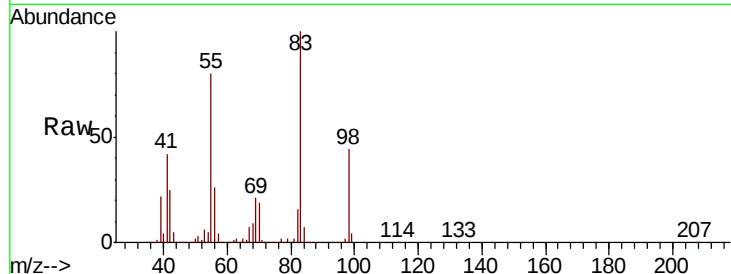




#39  
Methvlcvclohexane  
Concen: 151.005 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

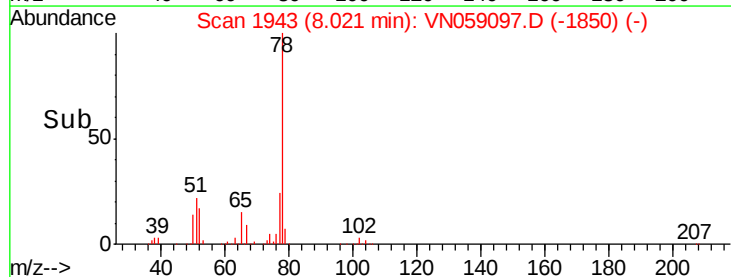
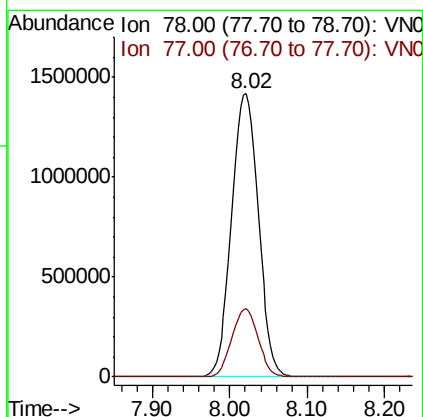
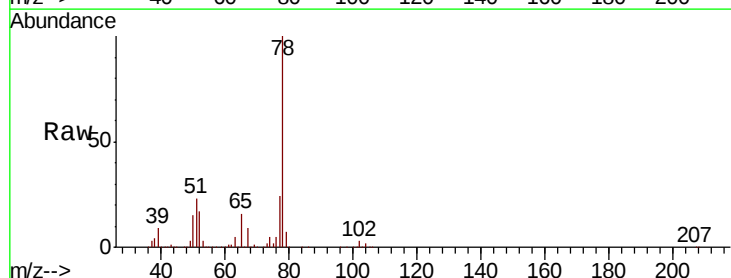
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

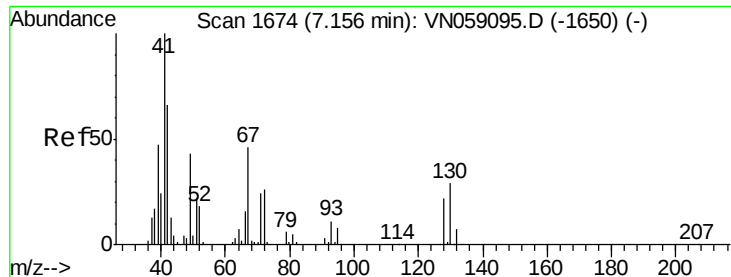
Tot Ion: 83 Resp: 1443083  
Ion Ratio Lower Upper  
83 100  
55 79.8 63.9 95.9  
98 44.0 35.6 53.4



#40  
Benzene  
Concen: 138.145 ug/l  
RT: 8.02 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 78 Resp: 3408303  
Ion Ratio Lower Upper  
78 100  
77 24.1 18.8 28.2



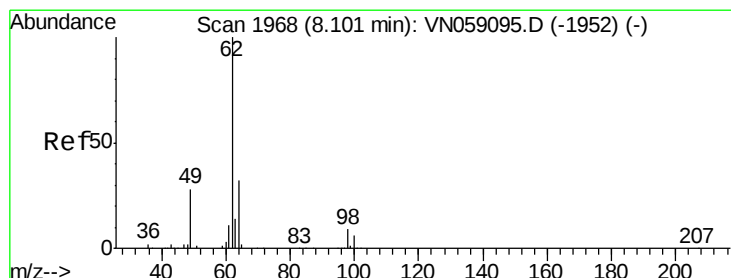
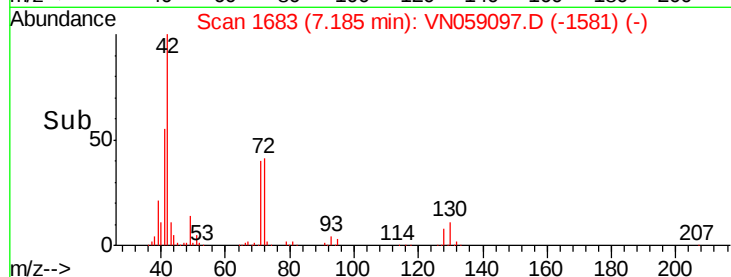
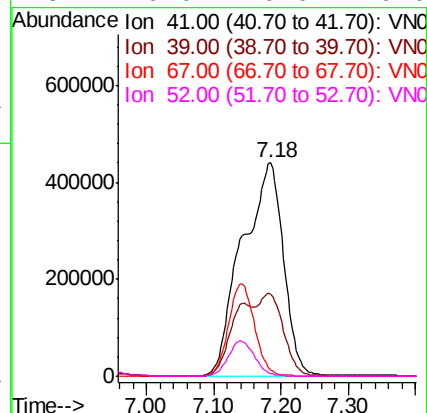
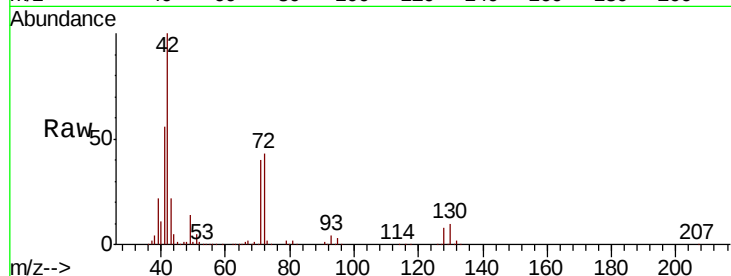


#41  
Methacrylonitrile  
Concen: 467.831 ug/l  
RT: 7.18 min Scan# 1683  
Delta R.T. 0.03 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion: 41 Resp: 1876053

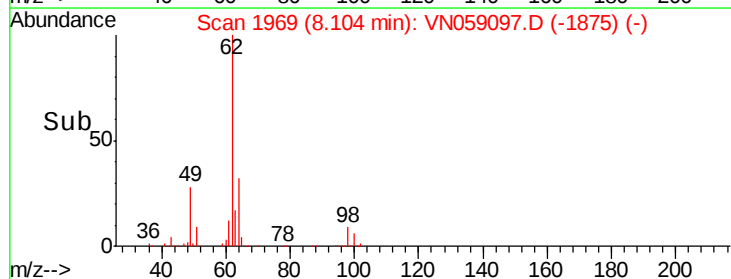
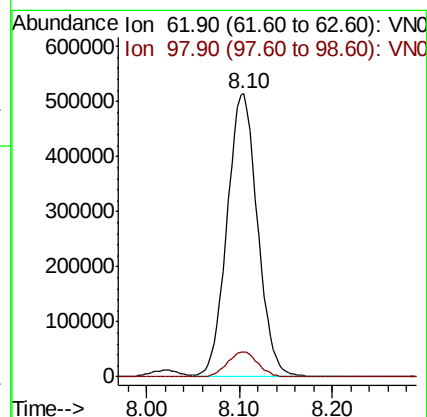
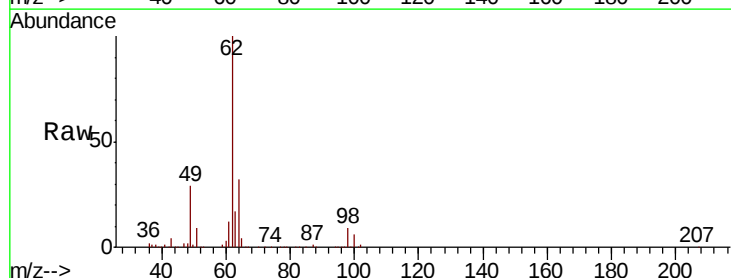
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 0.0   | 0.0   | 0.0   |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |

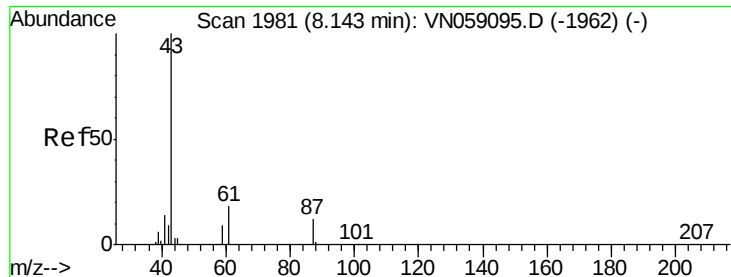


#42  
1,2-Dichloroethane  
Concen: 136.675 ug/l  
RT: 8.10 min Scan# 1969  
Delta R.T. 0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 62 Resp: 1171792

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.8   | 0.0   | 17.8  |



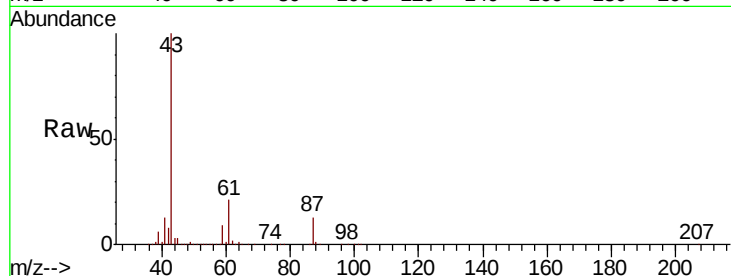


#43  
Isopropyl Acetate  
Concen: 149.361 ug/l  
RT: 8.14 min Scan# 1981  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion: 43 Resp: 2150127

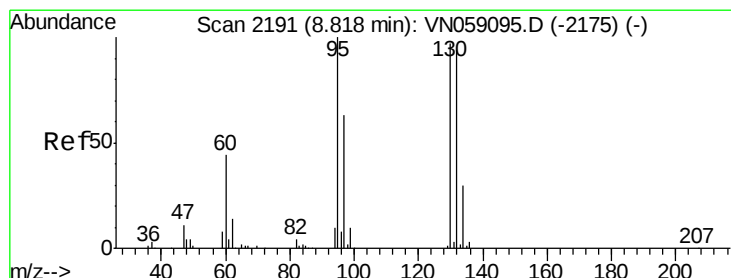
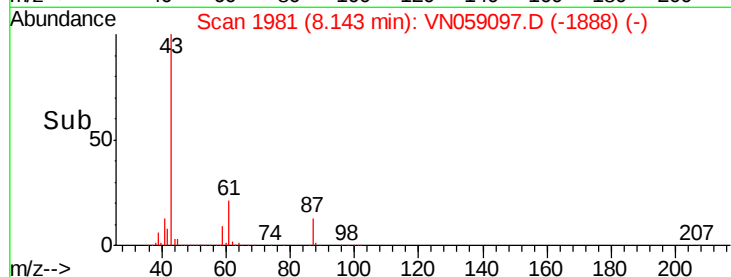
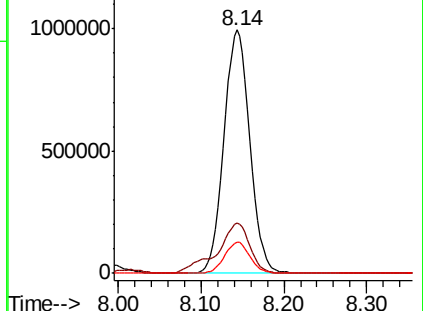
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 26.1  | 21.0  | 31.6  |
| 87  | 12.7  | 9.8   | 14.6  |



Abundance Ion 43.00 (42.70 to 43.70): VN059097.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059097.D (-1962) (-)

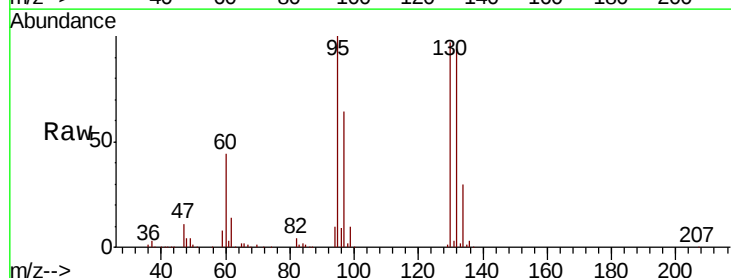
Ion 87.00 (86.70 to 87.70): VN059097.D (-1962) (-)



#44  
Trichloroethene  
Concen: 140.488 ug/l  
RT: 8.82 min Scan# 2191  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

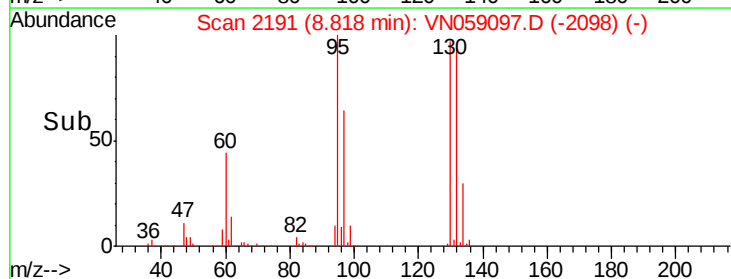
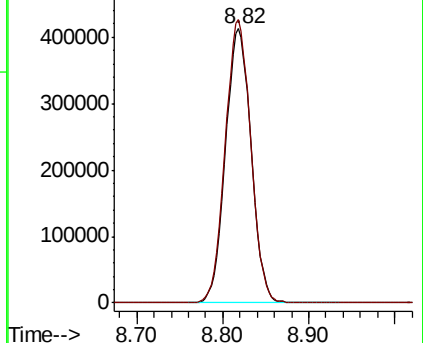
Tgt Ion: 130 Resp: 853786

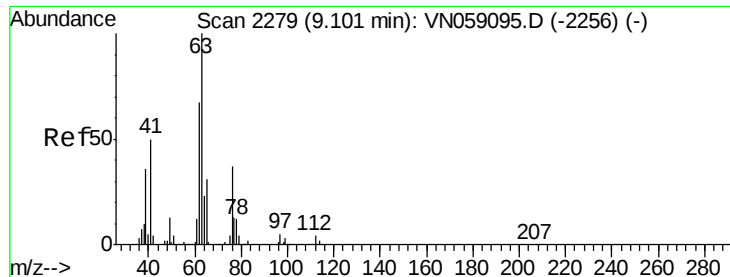
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 103.3 | 0.0   | 206.4 |



Abundance Ion 129.80 (129.50 to 130.50): VN059097.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059097.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 143.304 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

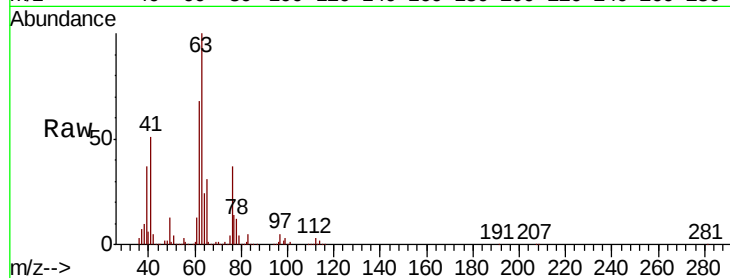
VSTDIC150

Tot Ion: 63 Resp: 957132

Ion Ratio Lower Upper

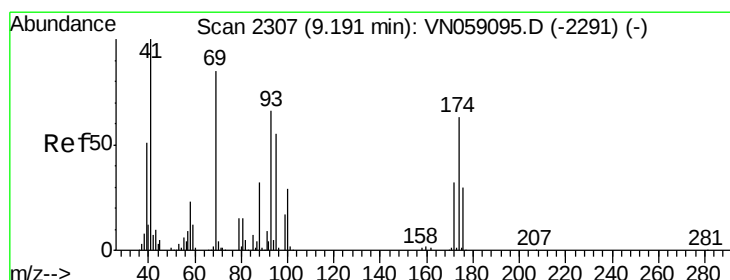
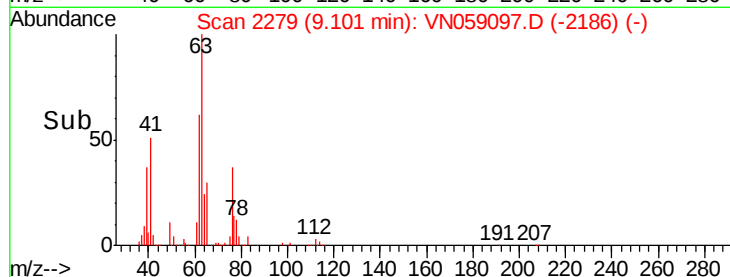
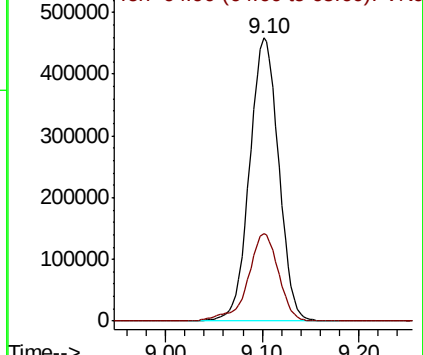
63 100

65 31.1 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 140.921 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

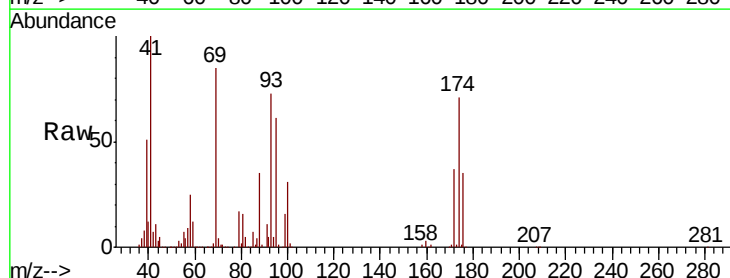
Tgt Ion: 93 Resp: 580990

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

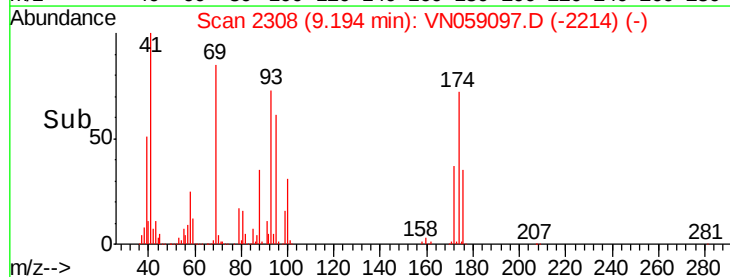
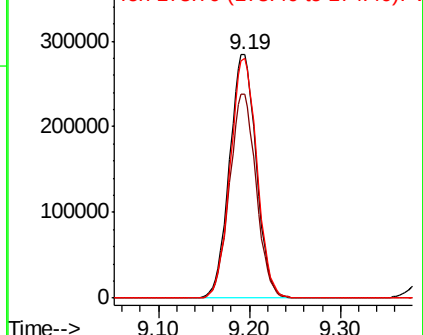
174 98.0 78.2 117.2

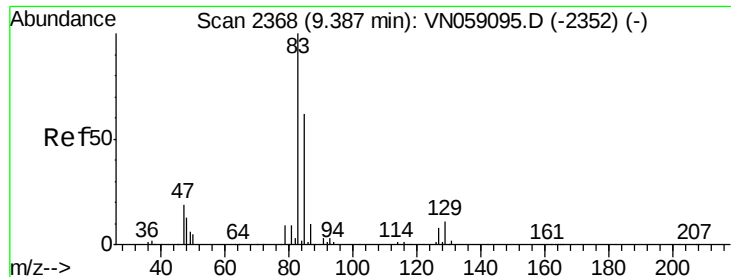


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 144.570 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

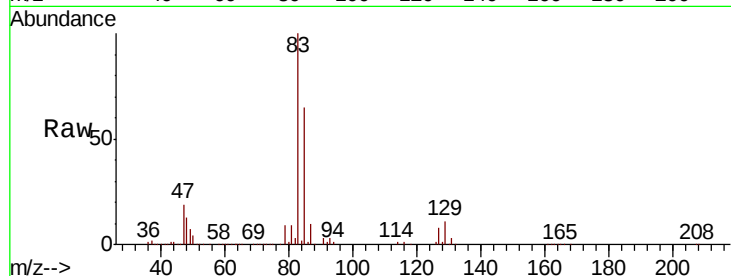
Tot Ion: 83 Resp: 1209374

Ion Ratio Lower Upper

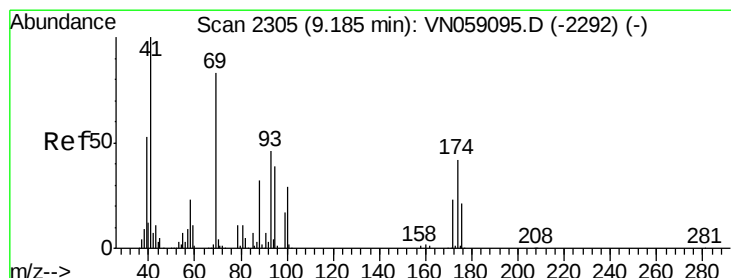
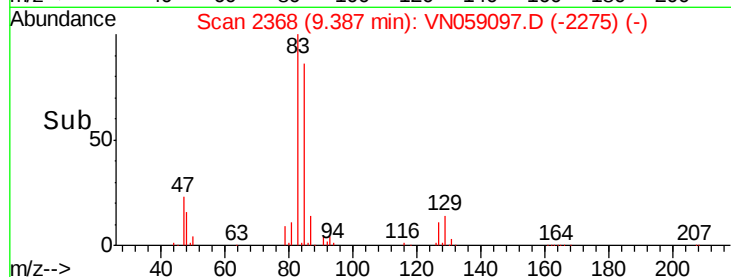
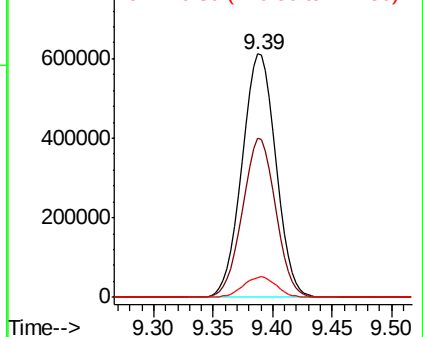
83 100

85 65.1 49.7 74.5

127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 84.90 (84.60 to 85.60): VNO  
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 152.908 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

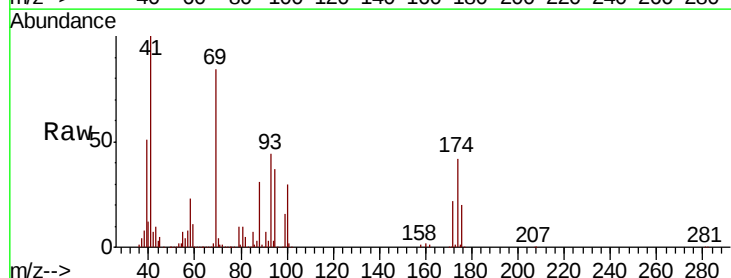
Tgt Ion: 41 Resp: 1004209

Ion Ratio Lower Upper

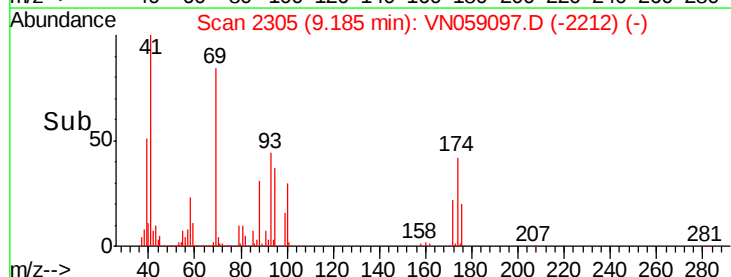
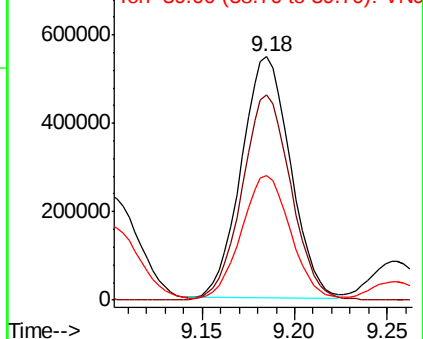
41 100

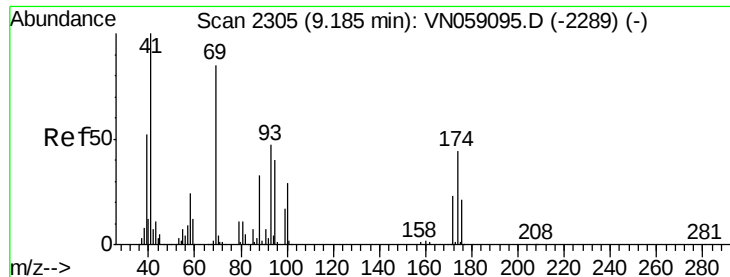
69 85.0 67.3 100.9

39 52.0 43.3 64.9



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





#49

1,4-Dioxane

Concen: 3405.871 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

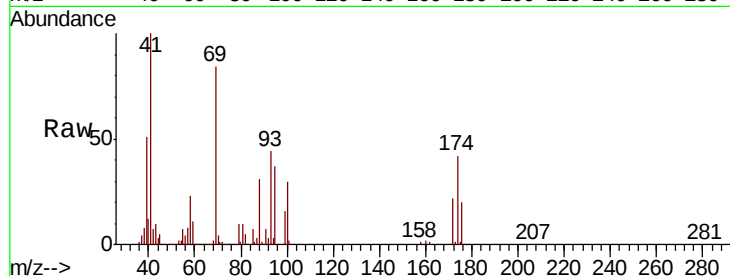
Tot Ion: 88 Resp: 362474

Ion Ratio Lower Upper

88 100

43 31.0 26.3 39.5

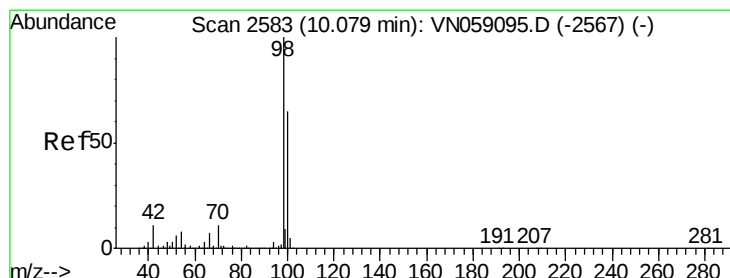
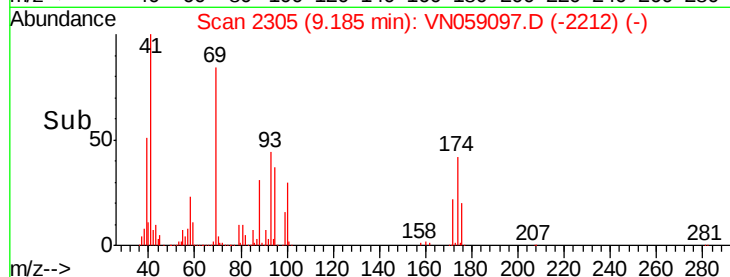
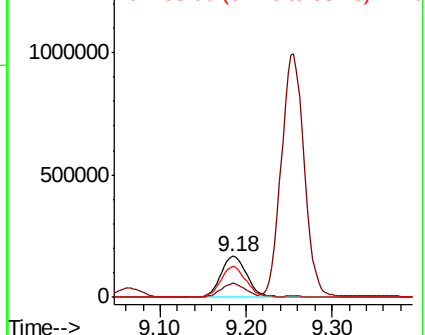
58 72.1 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VN059097.D (-2289) (-)

Ion 43.00 (42.70 to 43.70): VN059097.D (-2289) (-)

Ion 58.00 (57.70 to 58.70): VN059097.D (-2289) (-)



#50

Toluene-d8

Concen: 138.356 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059097.D

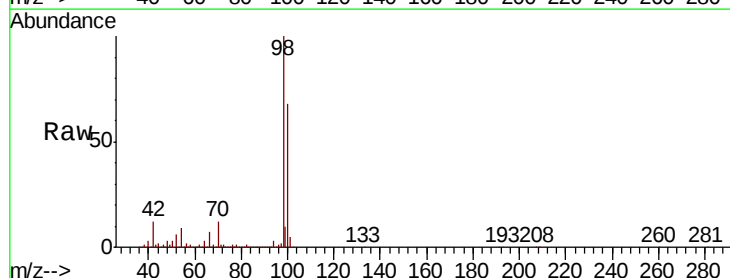
Acq: 6 Nov 2019 10:45

Tgt Ion: 98 Resp: 2847788

Ion Ratio Lower Upper

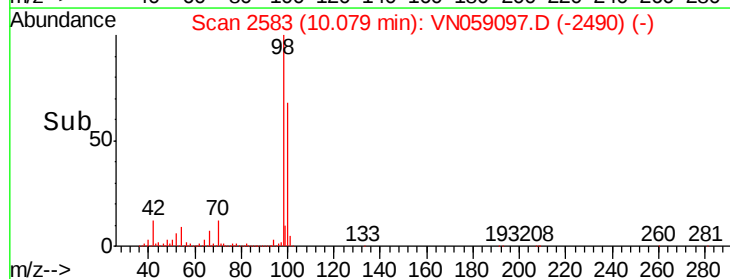
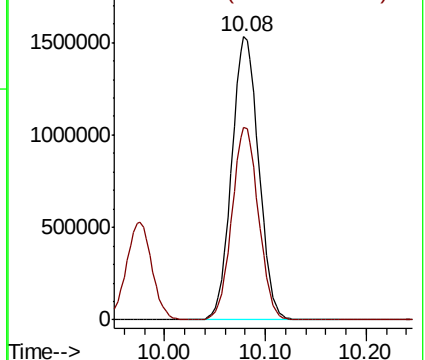
98 100

100 66.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059097.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059097.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 627.198 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

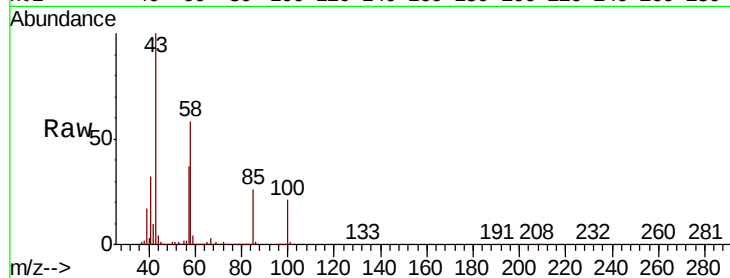
VSTDIC150

Tot Ion: 43 Resp: 5260210

Ion Ratio Lower Upper

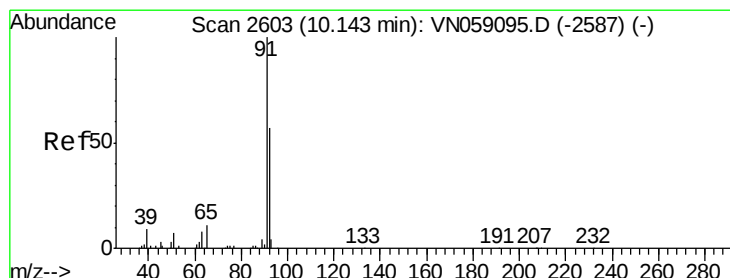
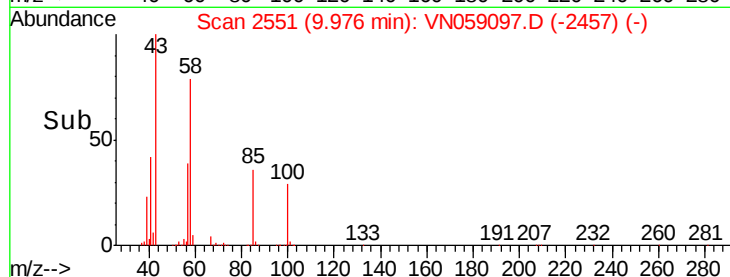
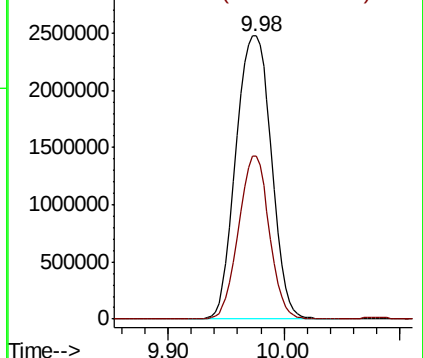
43 100

58 49.8 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D

Ion 58.00 (57.70 to 58.70): VN059095.D



#52

Toluene

Concen: 148.388 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059097.D

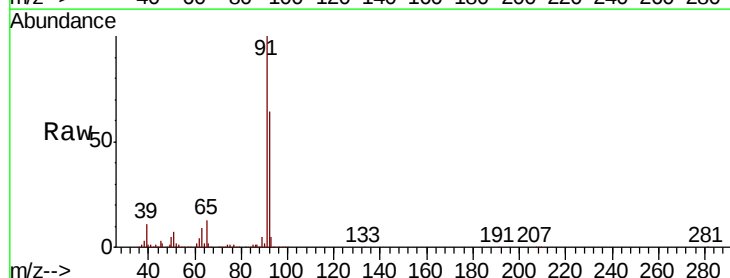
Acq: 6 Nov 2019 10:45

Tgt Ion: 92 Resp: 2141498

Ion Ratio Lower Upper

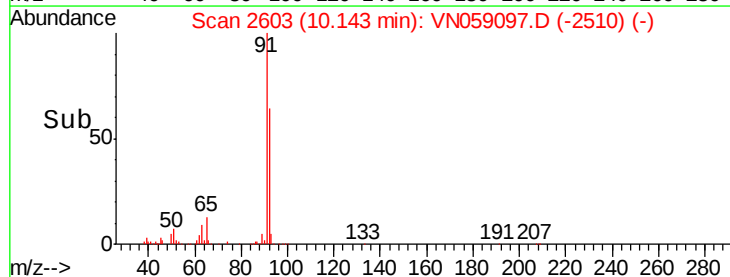
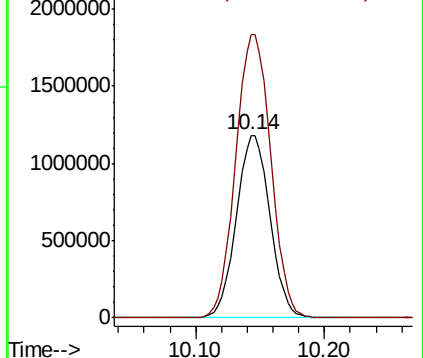
92 100

91 162.6 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D

Ion 91.00 (90.70 to 91.70): VN059095.D





#53

t-1,3-Dichloropropene

Concen: 150.769 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

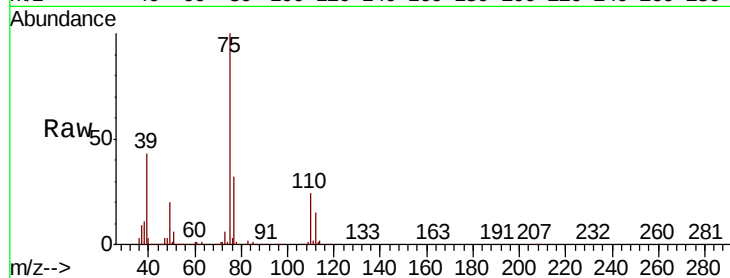
VSTDIC150

Tot Ion: 75 Resp: 1454344

Ion Ratio Lower Upper

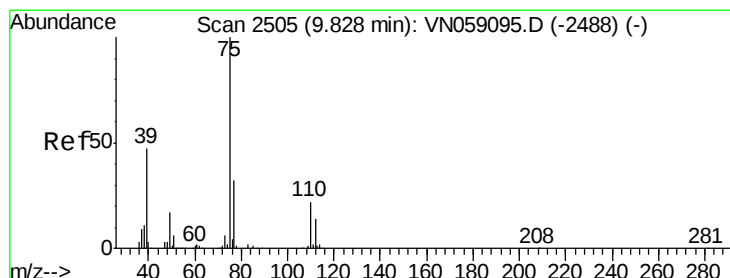
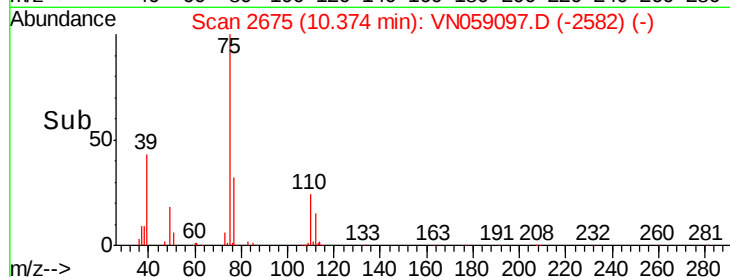
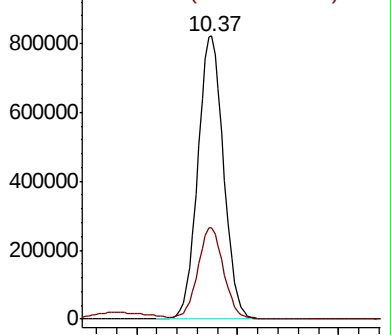
75 100

77 32.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 151.303 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

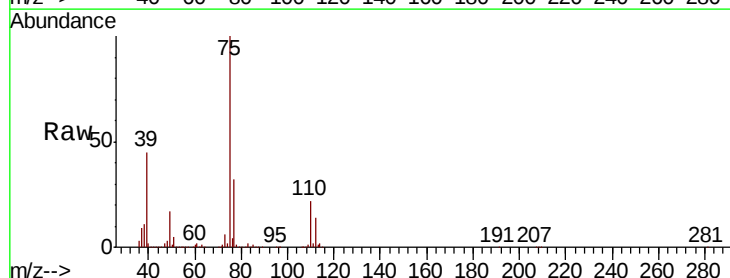
Tgt Ion: 75 Resp: 1537968

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

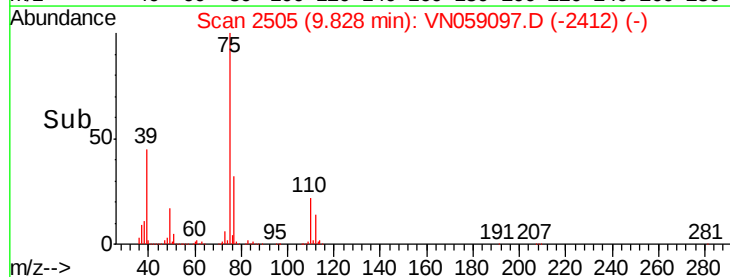
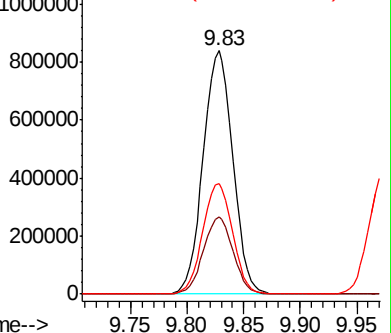
39 45.4 37.3 55.9

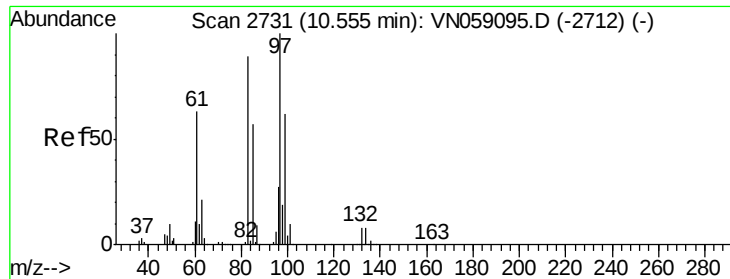


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

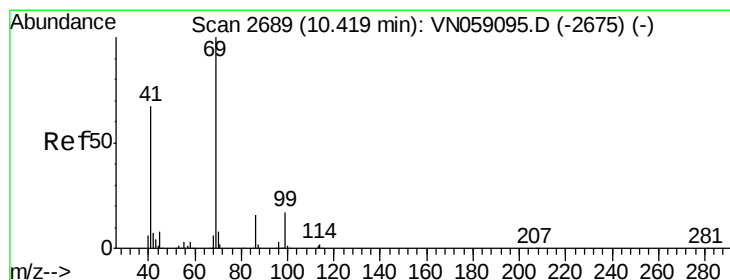
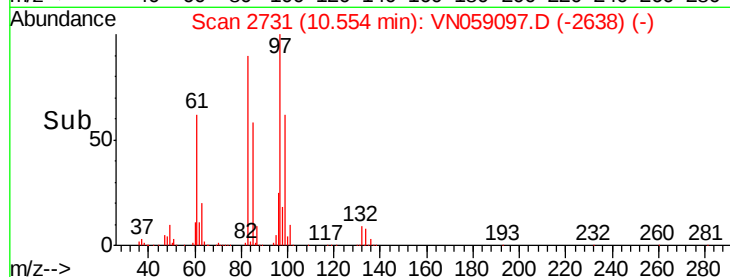
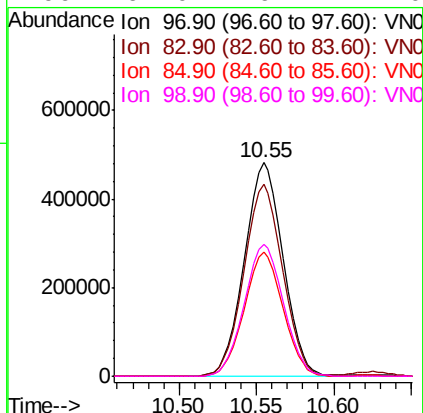
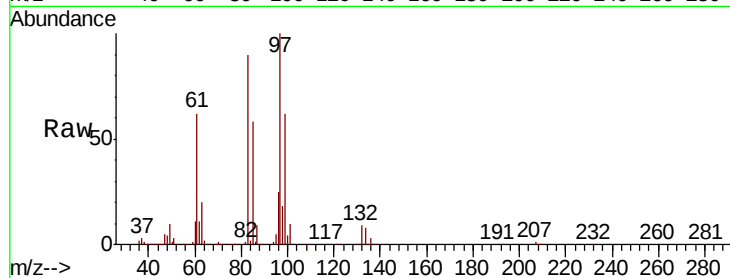




#55  
 1,1,2-Trichloroethane  
 Concen: 142.549 ug/l  
 RT: 10.55 min Scan# 2731  
 Delta R.T. -0.00 min  
 Lab File: VN059097.D  
 Acq: 6 Nov 2019 10:45

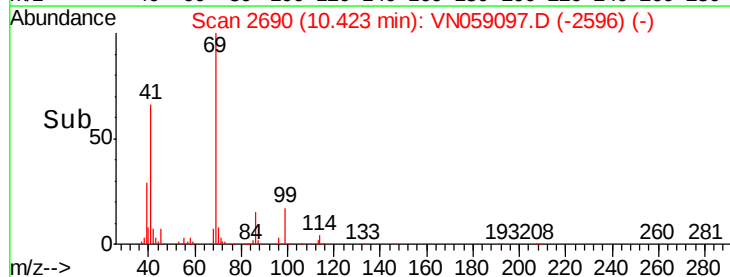
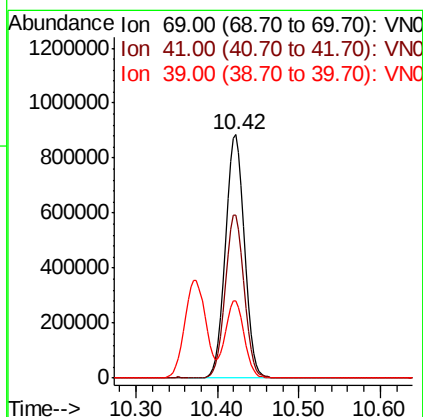
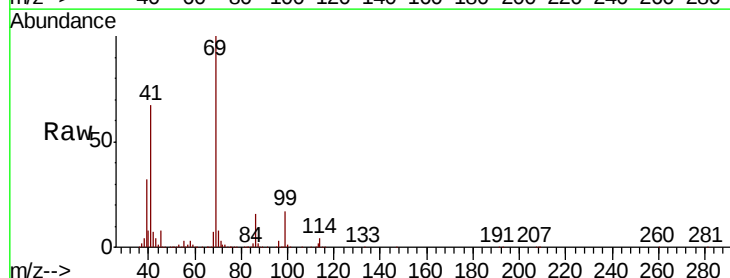
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

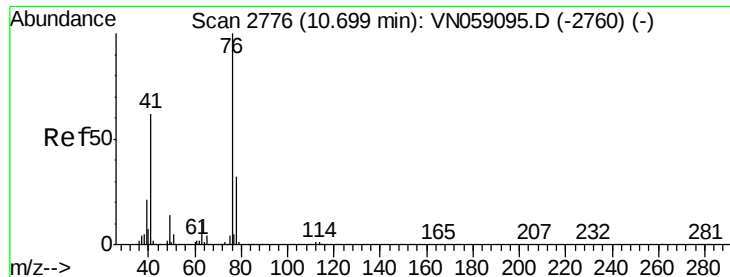
Tot Ion: 97 Resp: 841074  
 Ion Ratio Lower Upper  
 97 100  
 83 89.7 71.0 106.4  
 85 58.3 45.8 68.8  
 99 62.0 49.4 74.0



#56  
 Ethyl methacrylate  
 Concen: 165.850 ug/l  
 RT: 10.42 min Scan# 2690  
 Delta R.T. 0.00 min  
 Lab File: VN059097.D  
 Acq: 6 Nov 2019 10:45

Tgt Ion: 69 Resp: 1471292  
 Ion Ratio Lower Upper  
 69 100  
 41 66.9 53.6 80.4  
 39 32.0 26.2 39.4





#57

1,3-Dichloropropane

Concen: 145.906 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

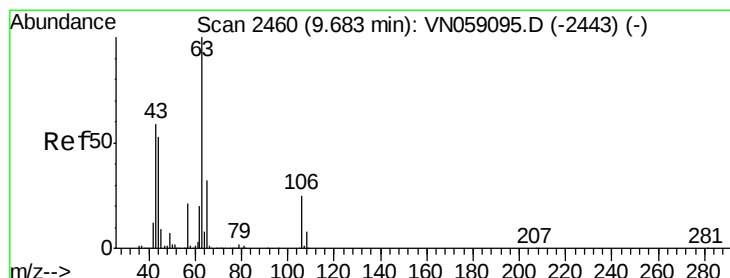
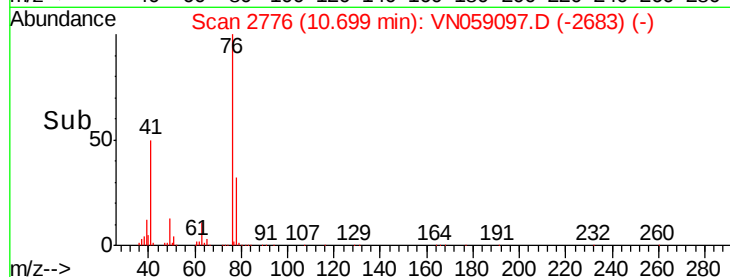
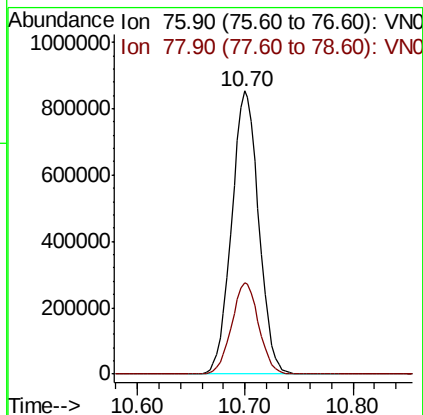
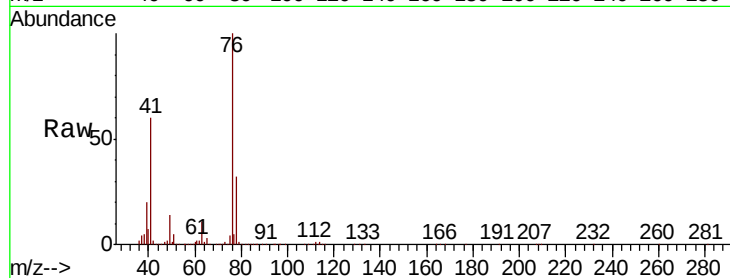
VSTDICC150

Tot Ion: 76 Resp: 1495028

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 685.810 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059097.D

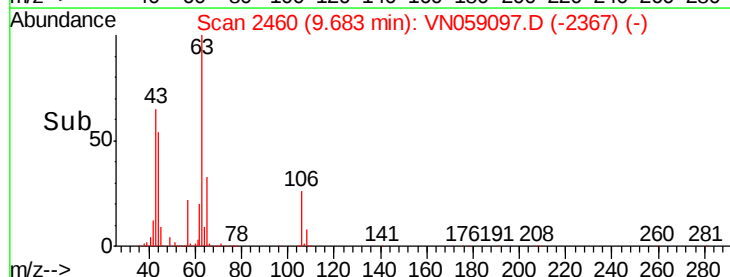
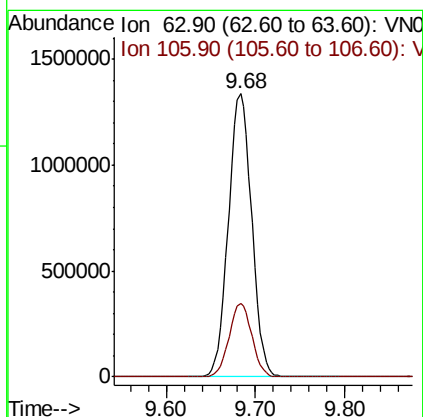
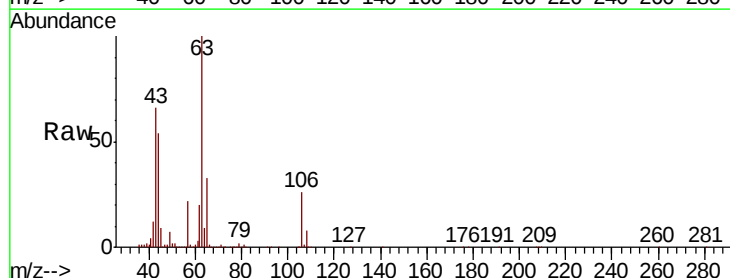
Acq: 6 Nov 2019 10:45

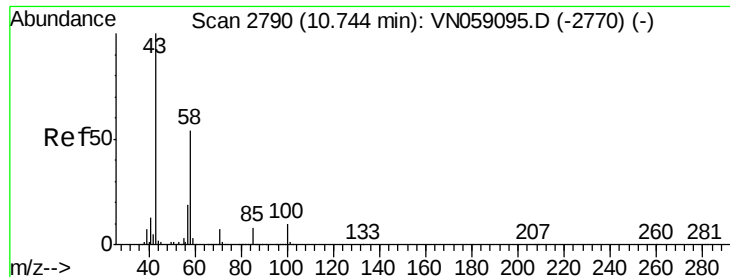
Tgt Ion: 63 Resp: 2414596

Ion Ratio Lower Upper

63 100

106 25.5 20.2 30.2

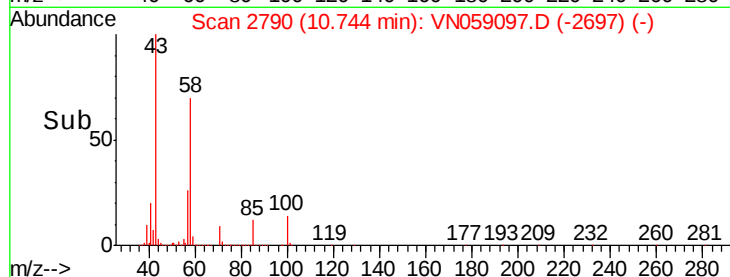
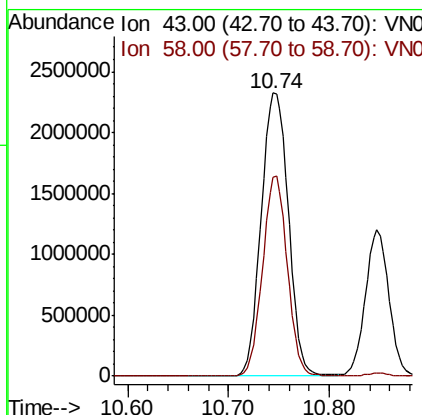
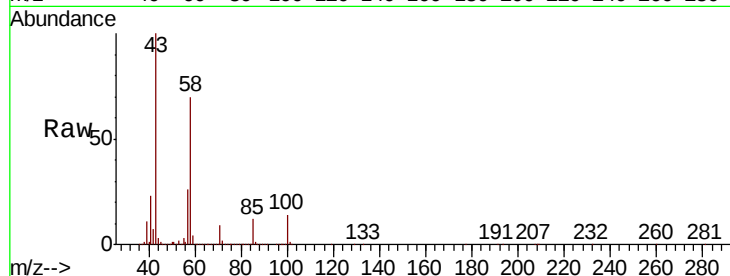




#59  
2-Hexanone  
Concen: 684.996 ug/l  
RT: 10.74 min Scan# 2790  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

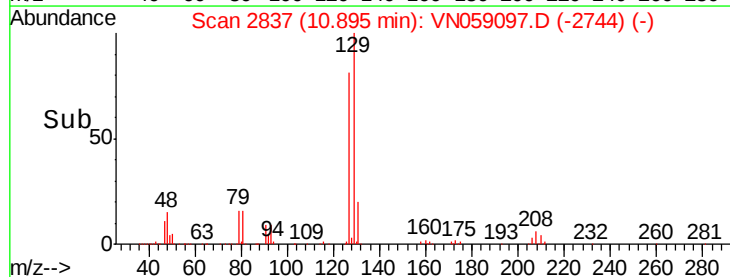
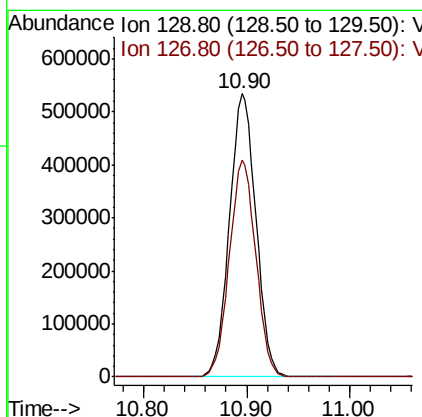
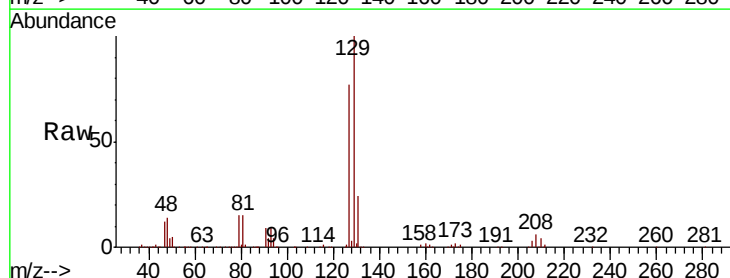
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

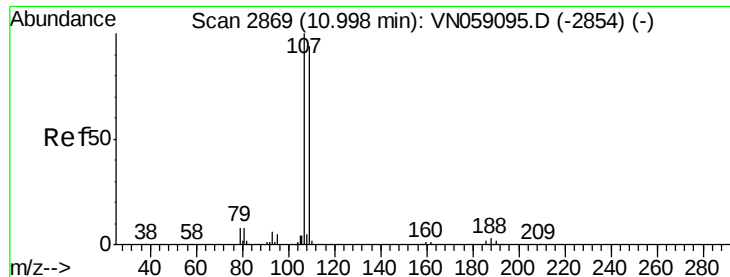
Tot Ion: 43 Resp: 4364330  
Ion Ratio Lower Upper  
43 100  
58 64.3 27.3 81.8



#60  
Dibromochloromethane  
Concen: 150.945 ug/l  
RT: 10.90 min Scan# 2837  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 129 Resp: 956406  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.6 115.8

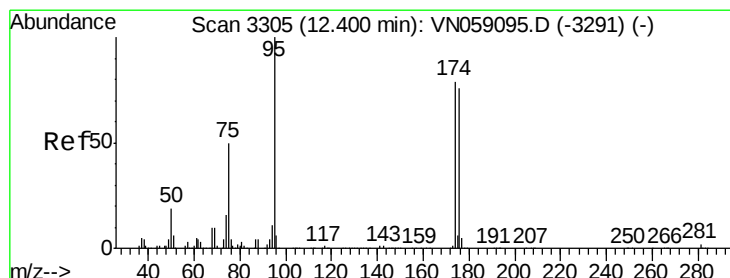
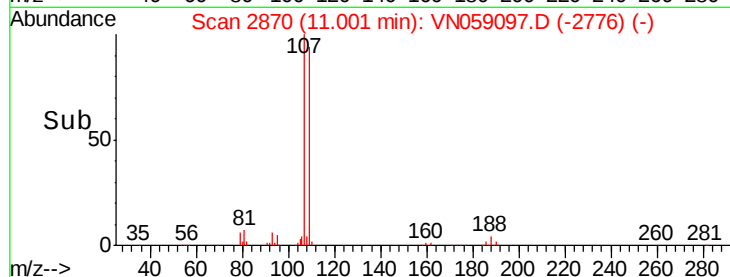
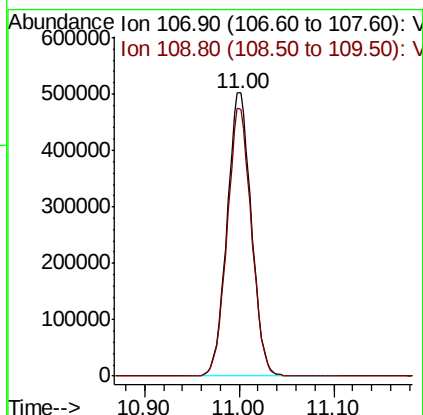
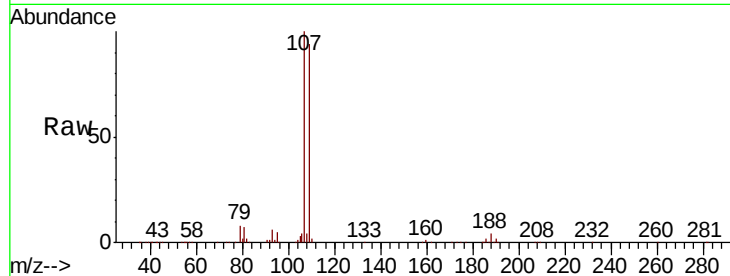




#61  
 1,2-Dibromoethane  
 Concen: 150.043 ug/l  
 RT: 11.00 min Scan# 2870  
 Delta R.T. 0.00 min  
 Lab File: VN059097.D  
 Acq: 6 Nov 2019 10:45

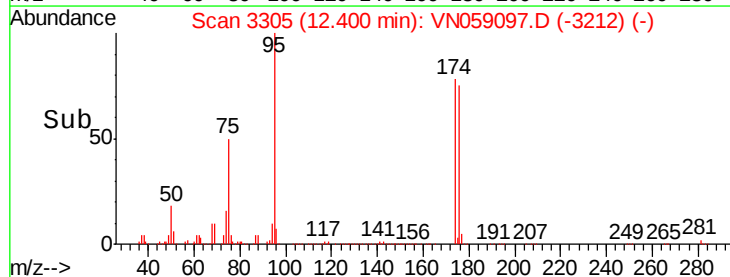
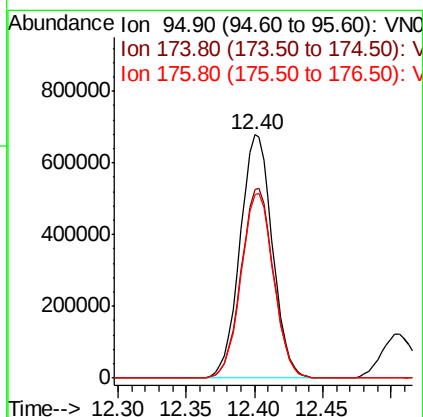
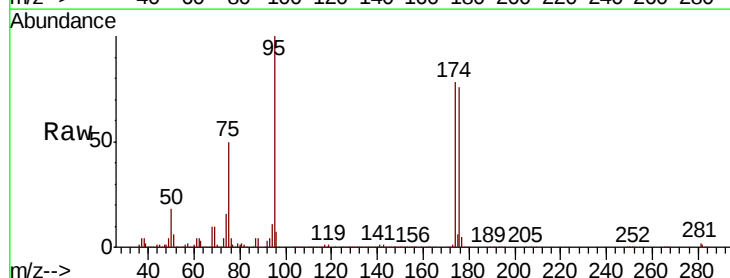
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

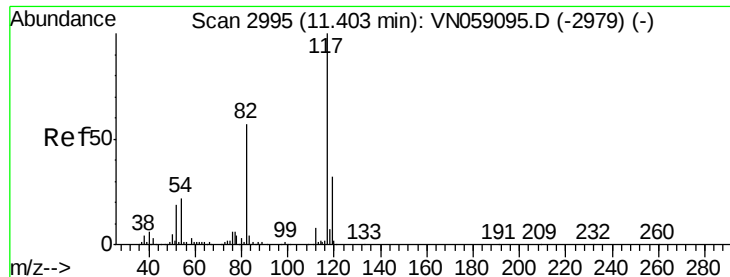
Tot Ion:107 Resp: 893927  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 75.5 113.3



#62  
 4-Bromofluorobenzene  
 Concen: 151.446 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN059097.D  
 Acq: 6 Nov 2019 10:45

Tgt Ion: 95 Resp: 1116686  
 Ion Ratio Lower Upper  
 95 100  
 174 78.1 0.0 158.2  
 176 76.1 0.0 151.8

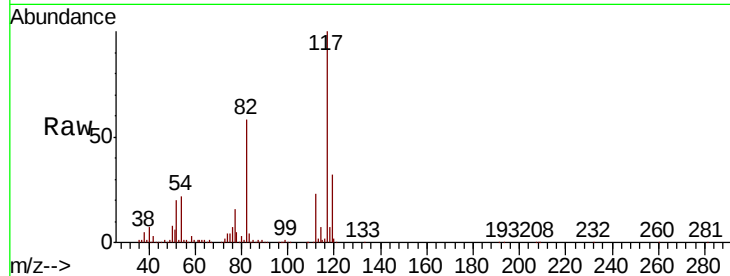




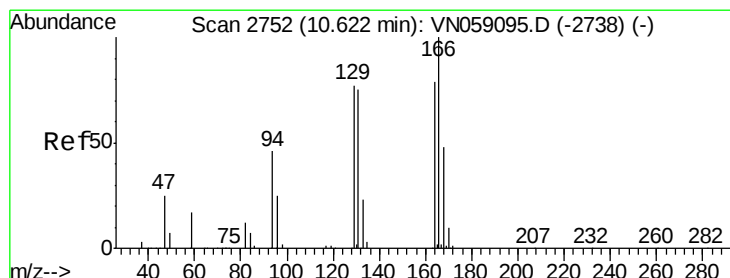
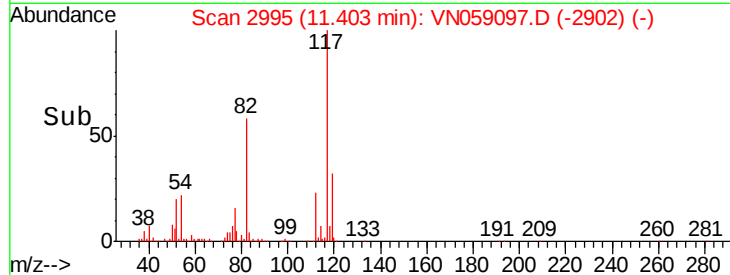
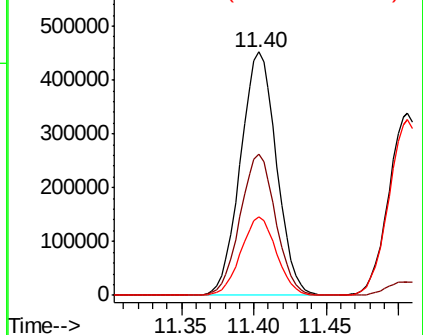
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2995  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion:117 Resp: 781518  
Ion Ratio Lower Upper  
117 100  
82 57.7 45.8 68.8  
119 32.2 25.8 38.6

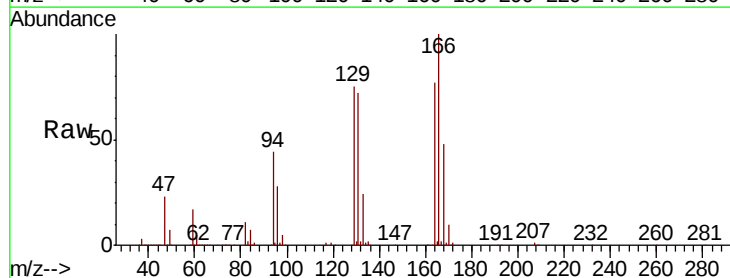


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

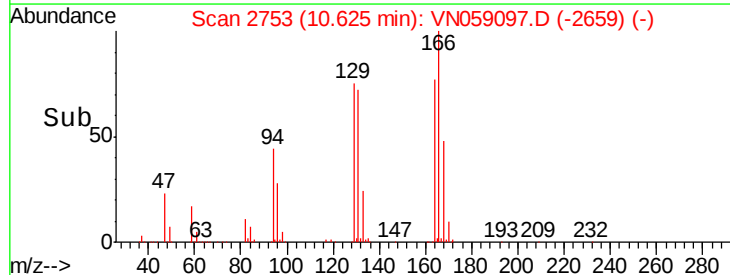
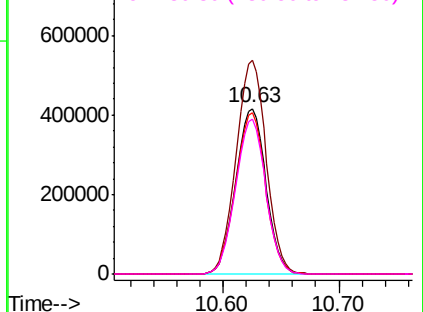


#64  
Tetrachloroethene  
Concen: 137.557 ug/l  
RT: 10.63 min Scan# 2753  
Delta R.T. 0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion:164 Resp: 750475  
Ion Ratio Lower Upper  
164 100  
166 129.2 101.5 152.3  
129 97.3 78.3 117.5  
131 93.3 75.9 113.9



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

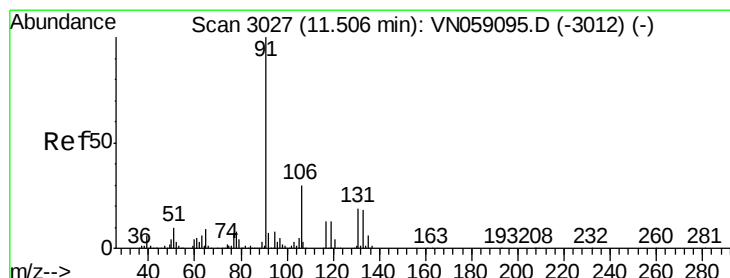
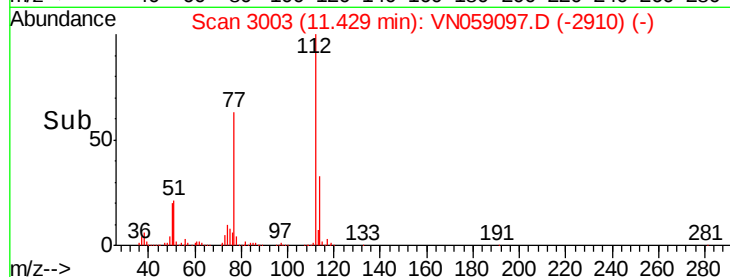
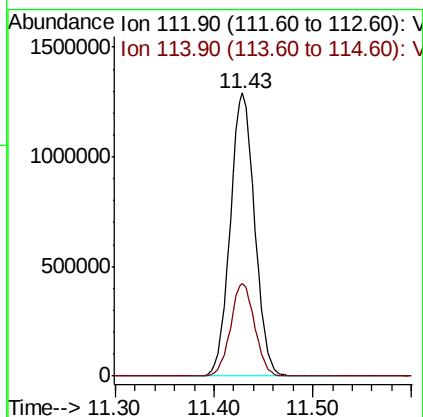
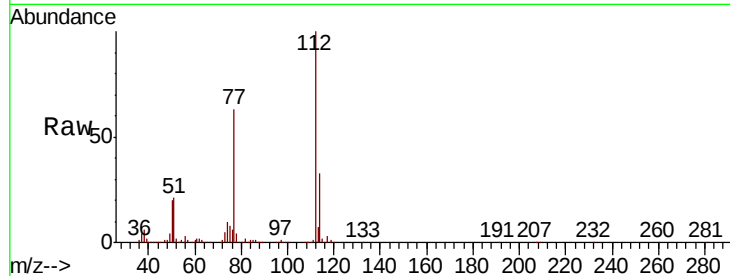




#65  
Chlorobenzene  
Concen: 139.482 ug/l  
RT: 11.43 min Scan# 3003  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

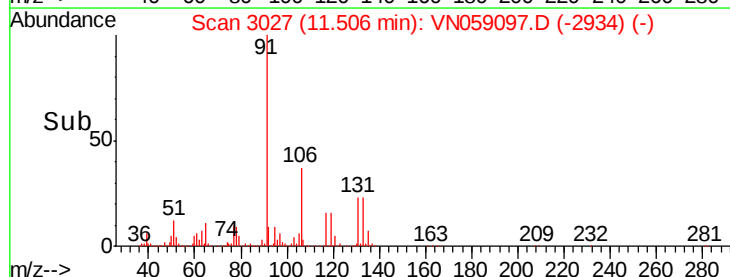
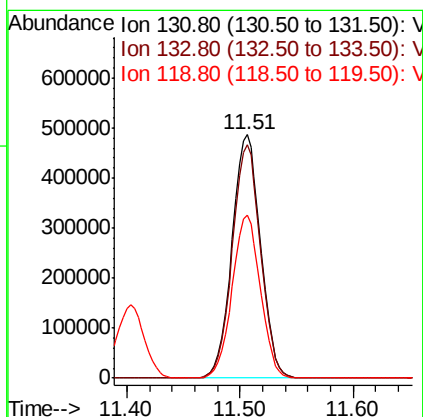
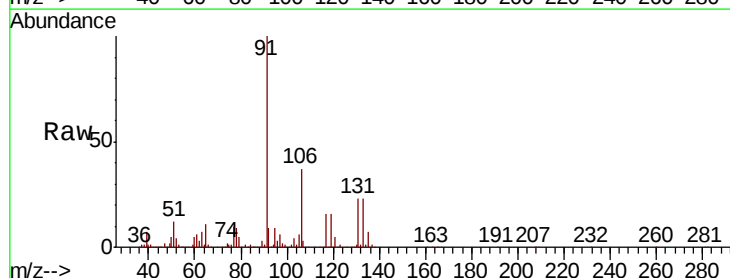
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

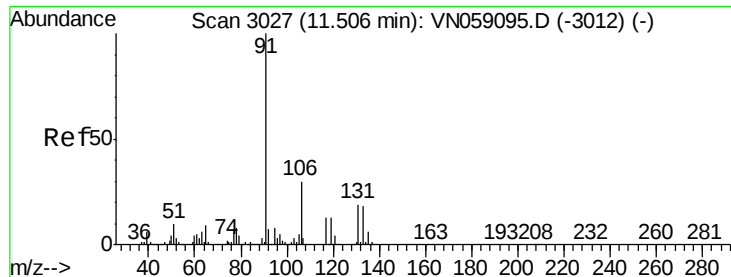
Tot Ion:112 Resp: 2229276  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 144.533 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion:131 Resp: 851179  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.4 142.3  
119 66.4 33.2 99.6

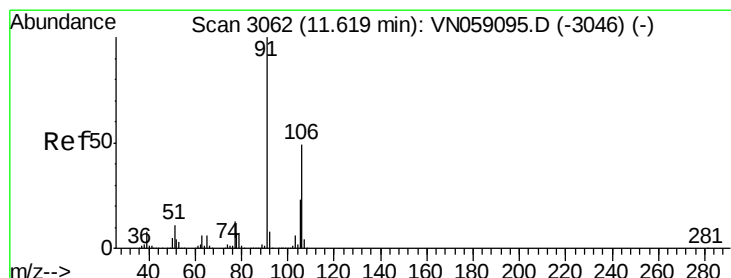
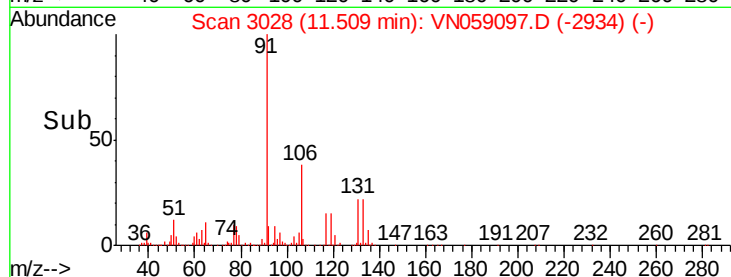
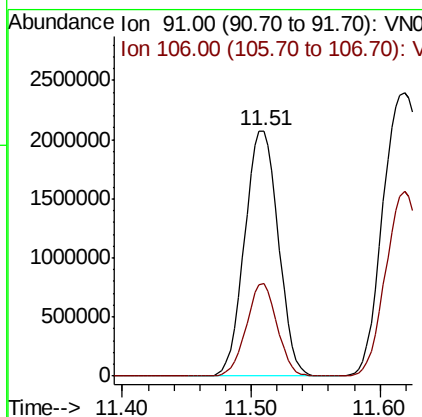
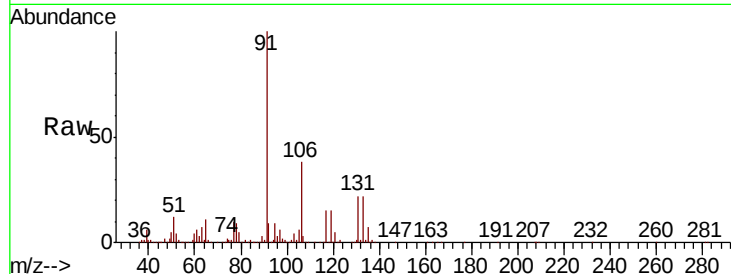




#67  
Ethyl Benzene  
Concen: 136.344 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

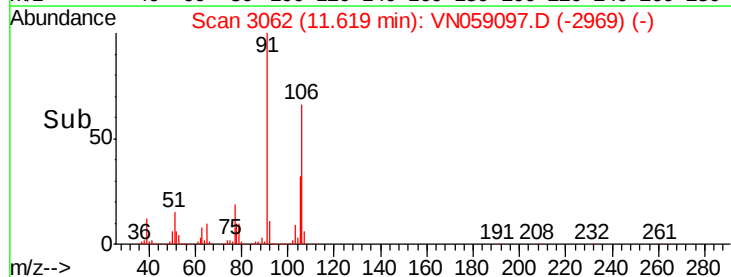
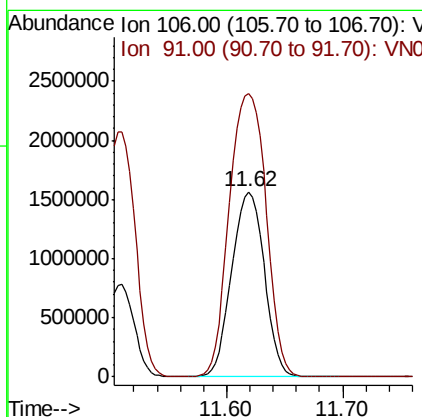
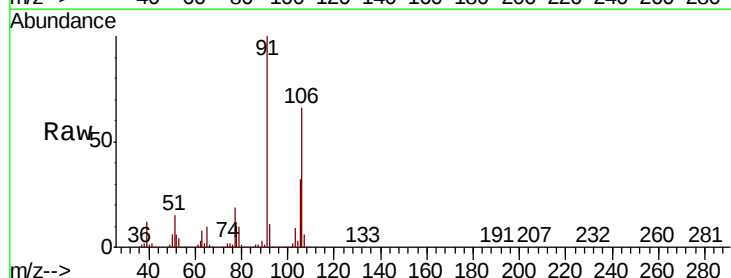
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC150

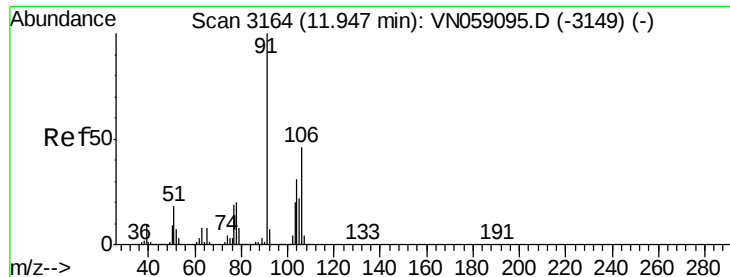
Tot Ion: 91 Resp: 3770915  
Ion Ratio Lower Upper  
91 100  
106 37.5 24.1 36.1#



#68  
m/p-Xylenes  
Concen: 294.873 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 106 Resp: 3049760  
Ion Ratio Lower Upper  
106 100  
91 173.3 164.7 247.1

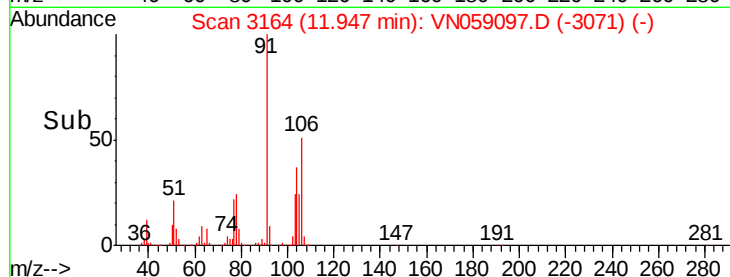
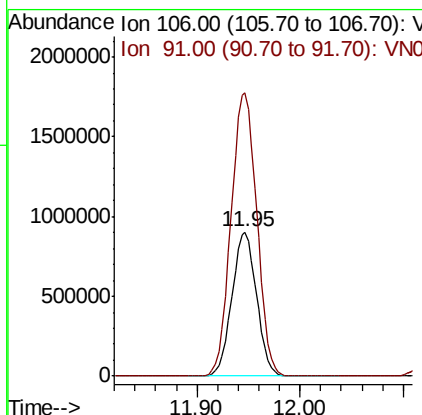
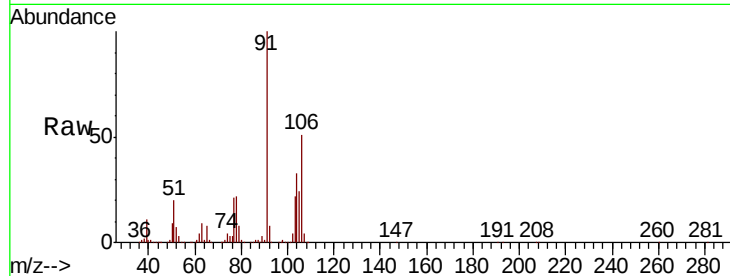




#69  
o-Xylene  
Concen: 152.337 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

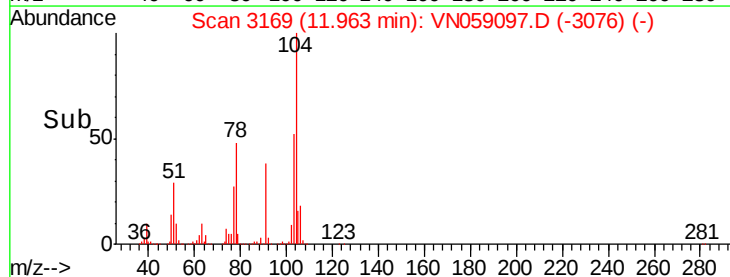
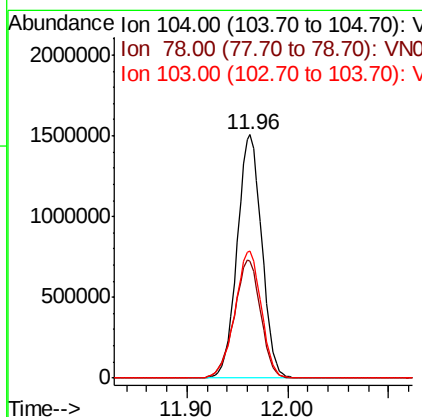
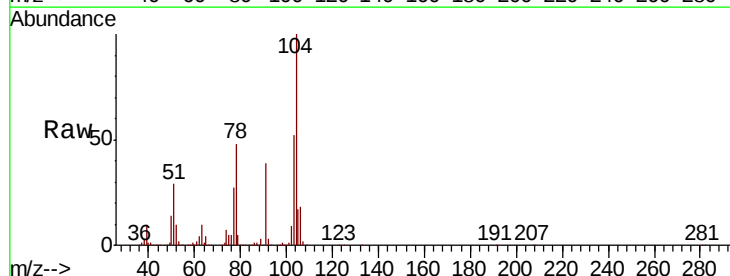
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

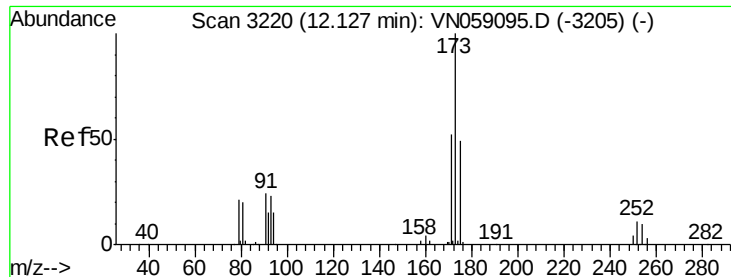
Tot Ion:106 Resp: 1503333  
Ion Ratio Lower Upper  
106 100  
91 205.5 110.1 330.3



#70  
Styrene  
Concen: 159.193 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion:104 Resp: 2540971  
Ion Ratio Lower Upper  
104 100  
78 52.4 41.2 61.8  
103 56.0 43.8 65.6

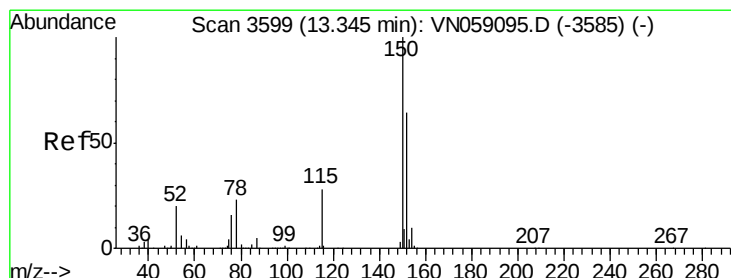
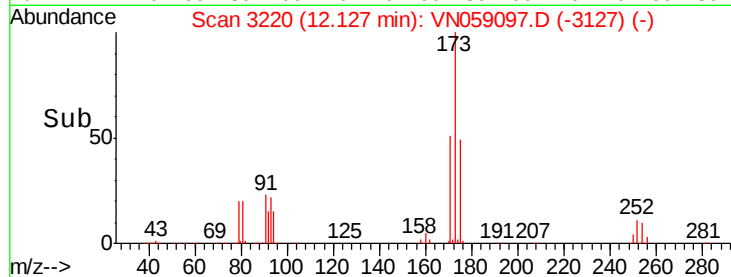
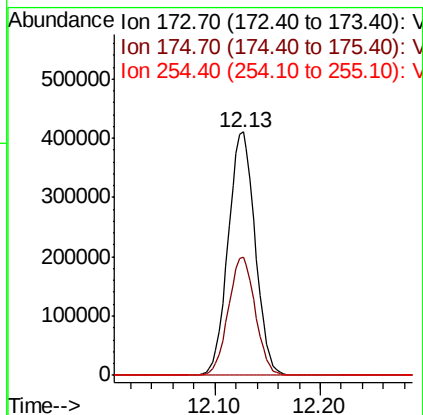
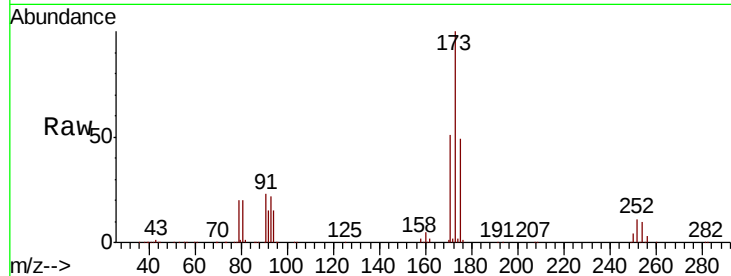




#71  
Bromoform  
Concen: 158.710 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

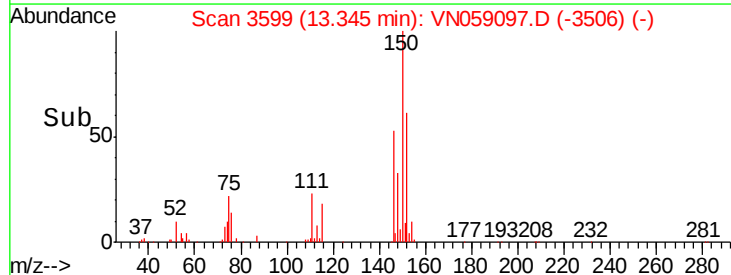
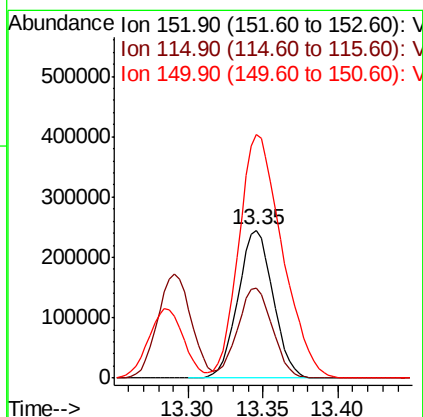
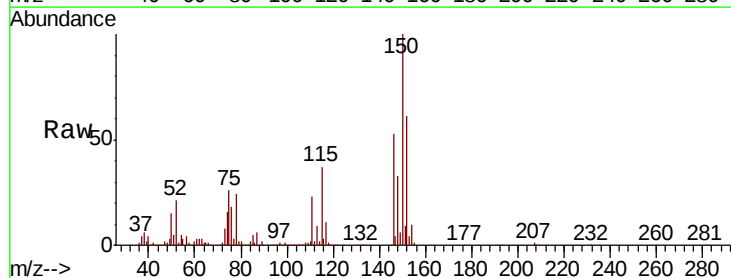
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC150

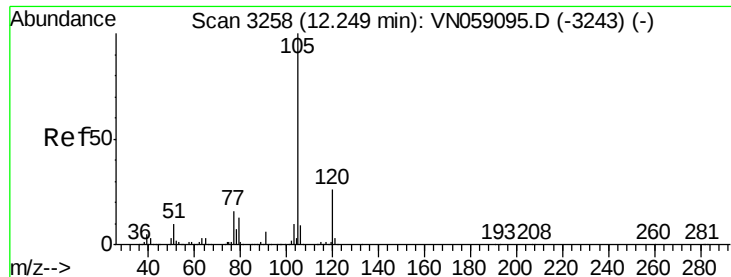
Tot Ion:173 Resp: 722612  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.2 72.6  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion:152 Resp: 399261  
Ion Ratio Lower Upper  
152 100  
115 60.7 29.4 88.2  
150 203.5 0.0 345.8





#73

Isopropylbenzene

Concen: 125.416 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

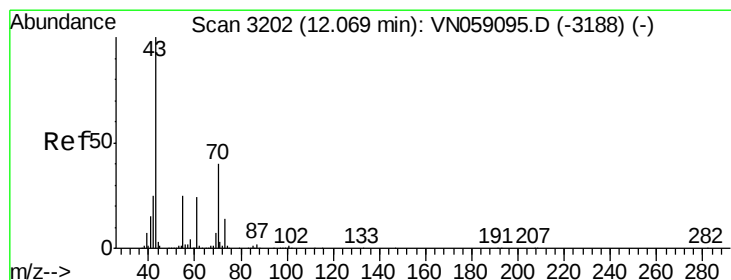
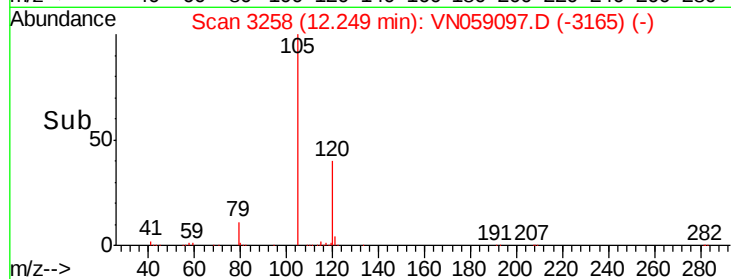
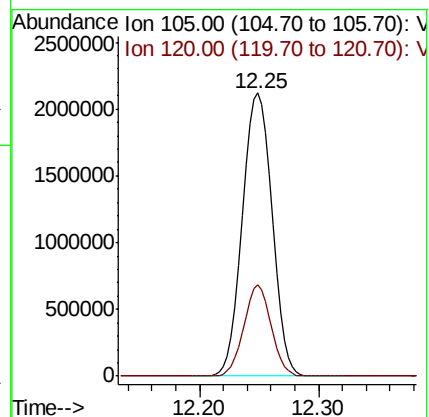
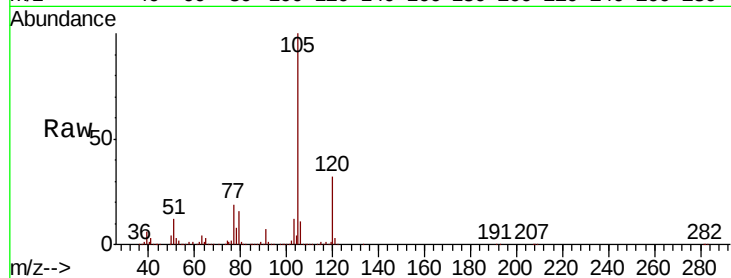
VSTDIC150

Tot Ion:105 Resp: 3675146

Ion Ratio Lower Upper

105 100

120 29.5 13.1 39.3



#74

N-ethyl acetate

Concen: 149.997 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Tgt Ion: 43 Resp: 1945371

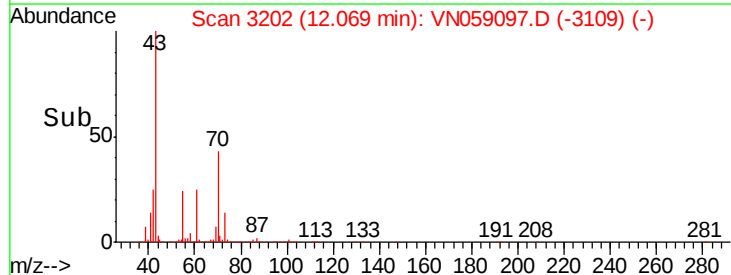
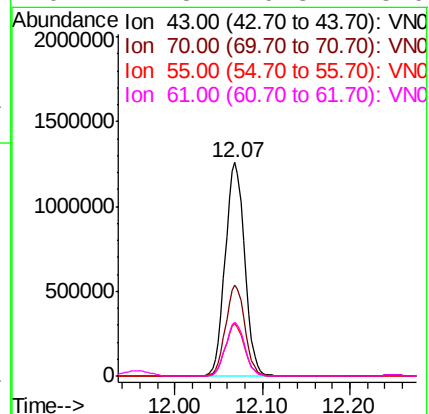
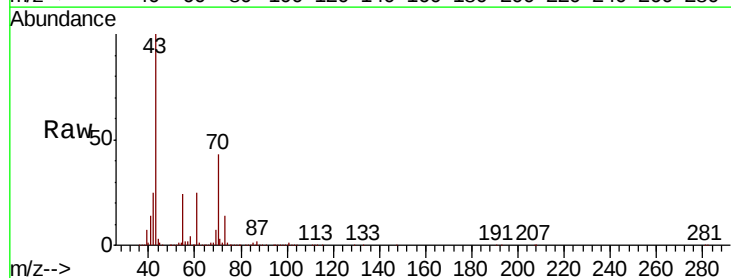
Ion Ratio Lower Upper

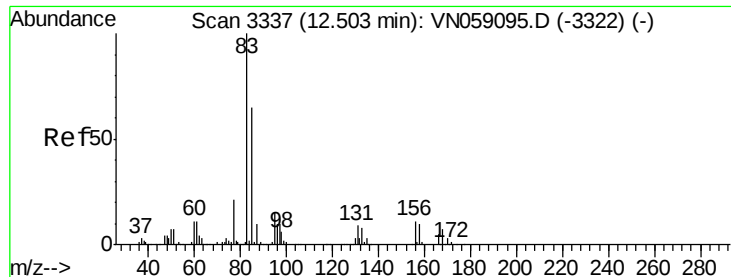
43 100

70 42.0 32.2 48.4

55 24.2 20.4 30.6

61 24.8 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 130.629 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

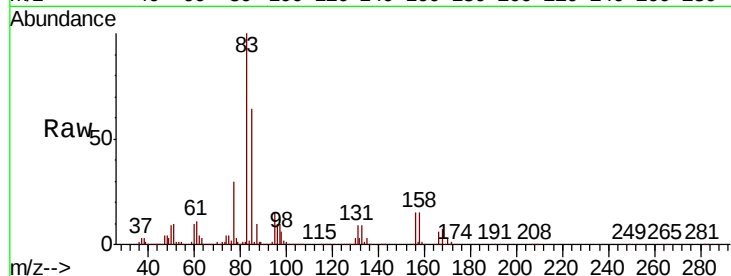
Tot Ion: 83 Resp: 1363833

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.0 32.4 97.2

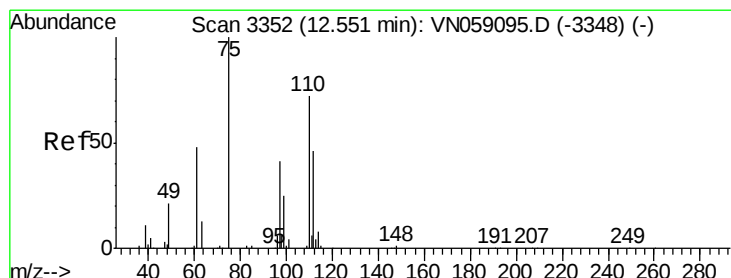
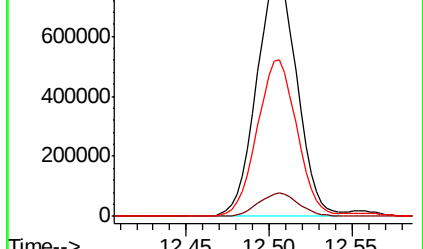
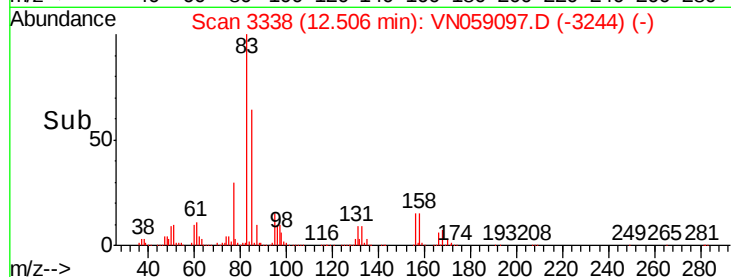


Abundance Ion 82.90 (82.60 to 83.60): VN059097.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN059097.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN059097.D (-3337) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 199.670 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059097.D

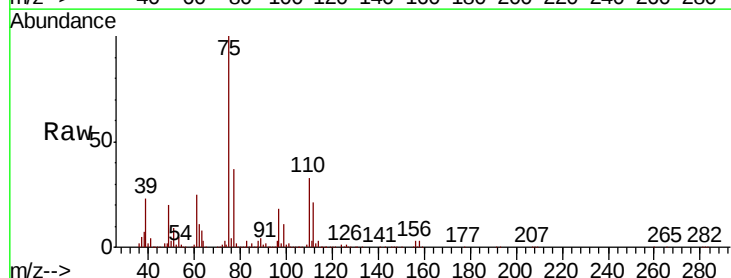
Acq: 6 Nov 2019 10:45

Tgt Ion: 75 Resp: 1863104

Ion Ratio Lower Upper

75 100

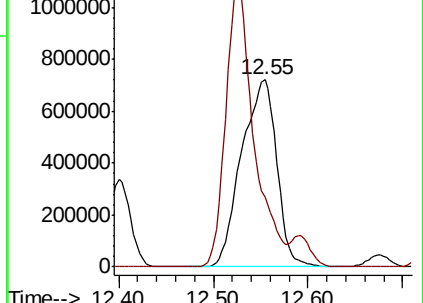
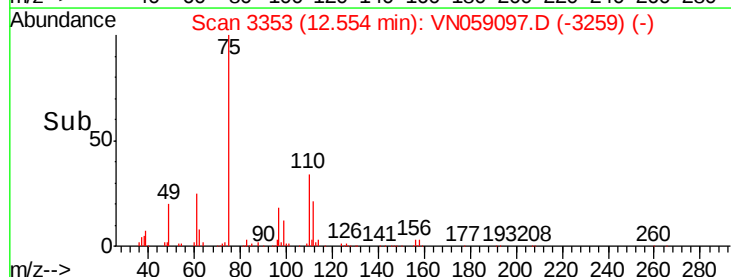
77 0.0 0.0 0.0

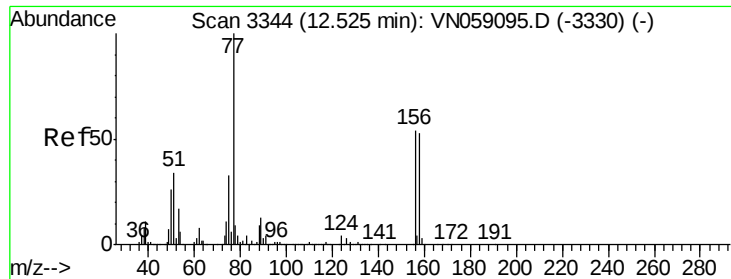


Abundance Ion 74.90 (74.60 to 75.60): VN059097.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN059097.D (-3352) (-)

Time-->





#77

Bromobenzene

Concen: 135.245 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

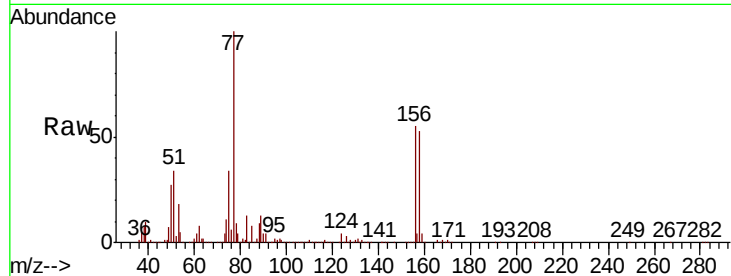
Tot Ion:156 Resp: 994377

Ion Ratio Lower Upper

156 100

77 226.7 112.8 338.3

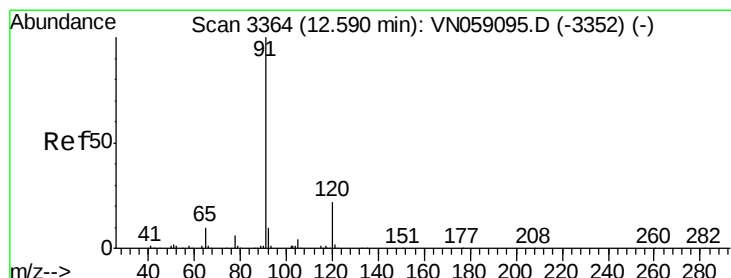
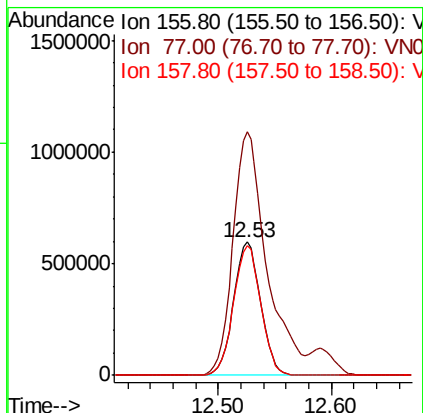
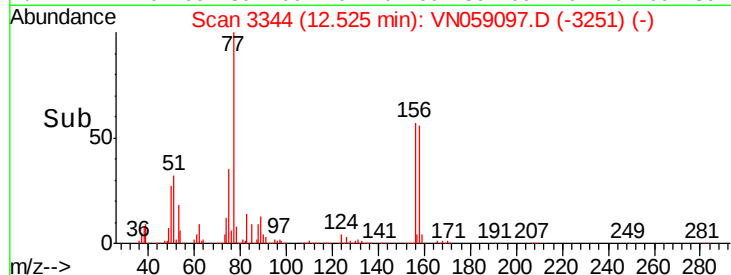
158 97.6 48.4 145.3



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: 123.858 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059097.D

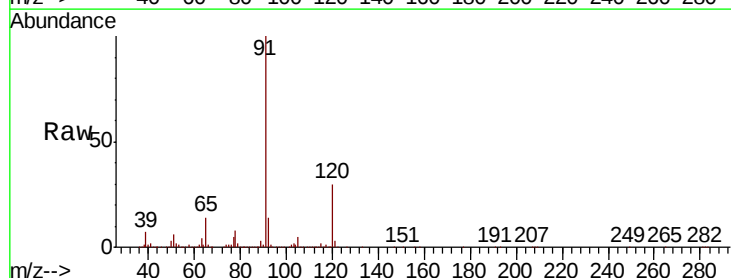
Acq: 6 Nov 2019 10:45

Tgt Ion: 91 Resp: 4194596

Ion Ratio Lower Upper

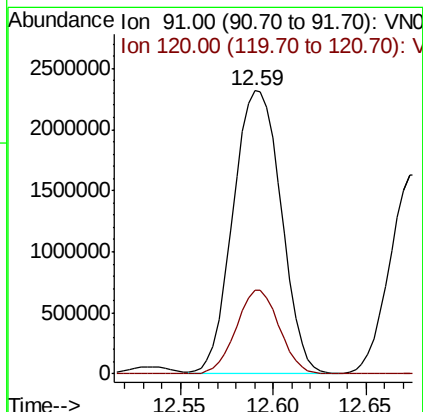
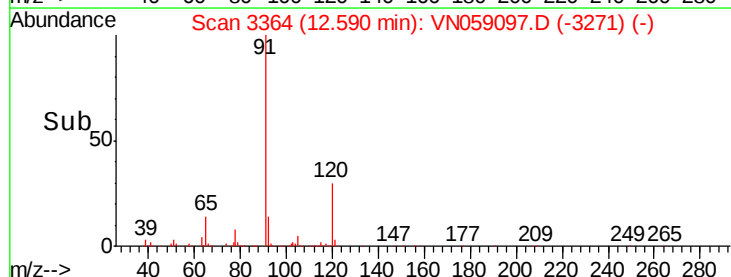
91 100

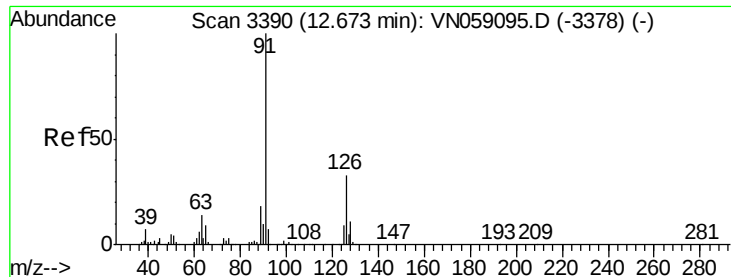
120 26.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

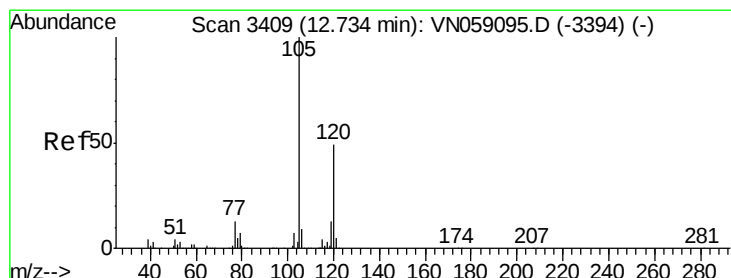
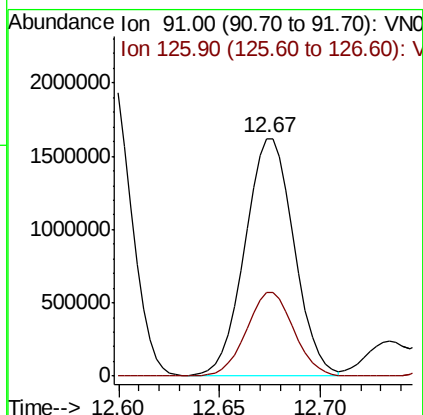
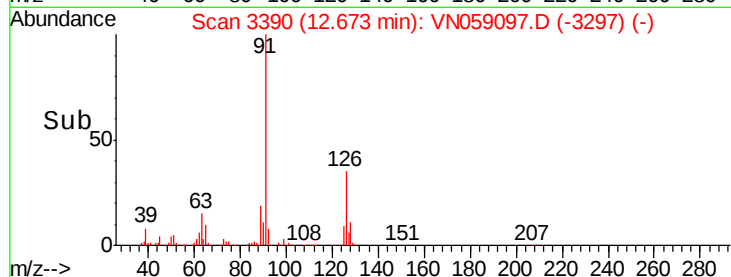
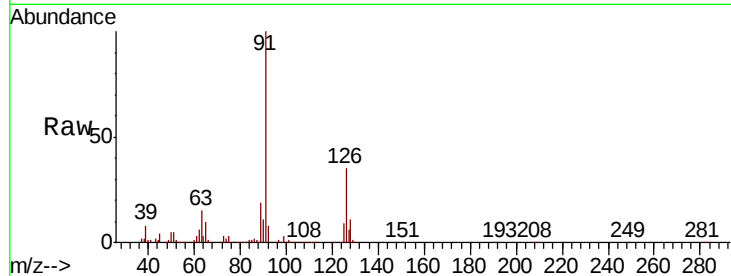




#79  
 2-Chlorotoluene  
 Concen: 131.115 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. -0.00 min  
 Lab File: VN059097.D  
 Acq: 6 Nov 2019 10:45

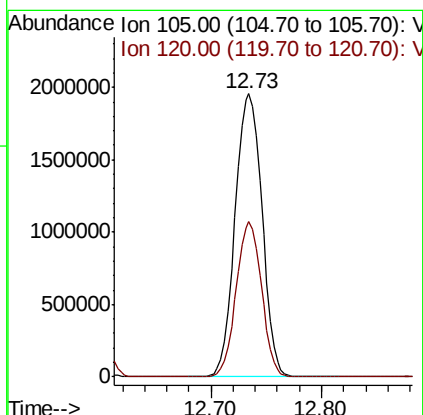
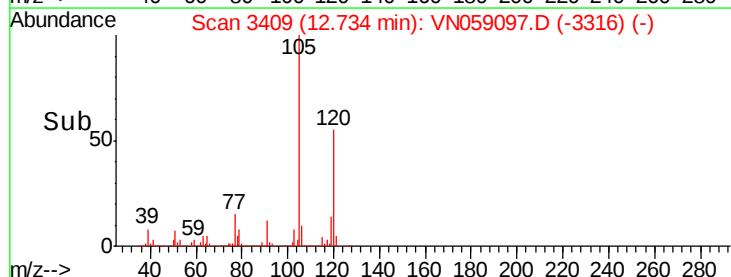
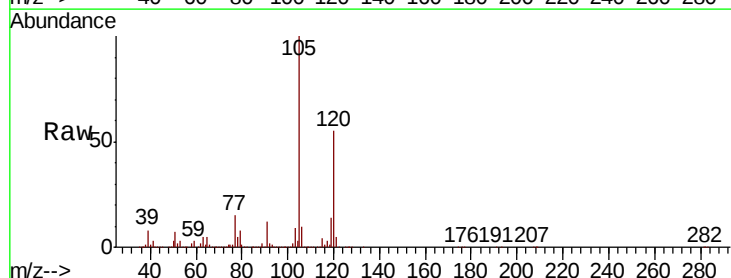
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 91 Resp: 2757298  
 Ion Ratio Lower Upper  
 91 100  
 126 34.2 16.7 50.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 132.454 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. -0.00 min  
 Lab File: VN059097.D  
 Acq: 6 Nov 2019 10:45

Tgt Ion:105 Resp: 3300880  
 Ion Ratio Lower Upper  
 105 100  
 120 51.9 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 146.729 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

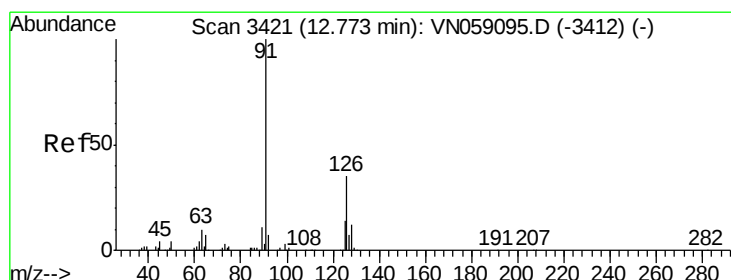
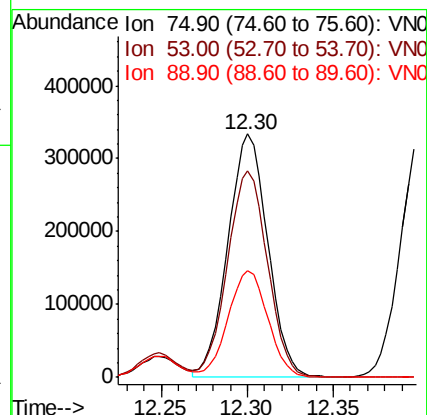
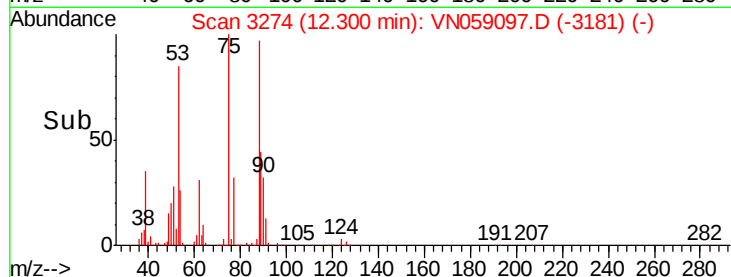
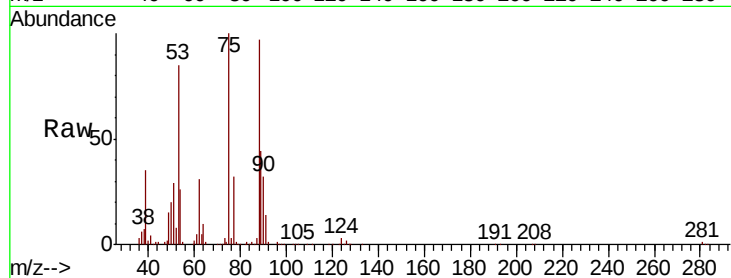
Tot Ion: 75 Resp: 533853

Ion Ratio Lower Upper

75 100

53 86.2 72.2 108.2

89 44.0 35.8 53.8



#82

4-Chlorotoluene

Concen: 134.641 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059097.D

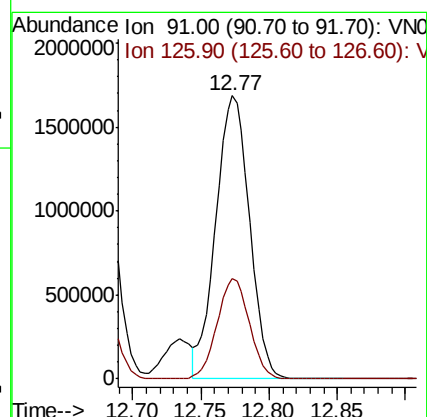
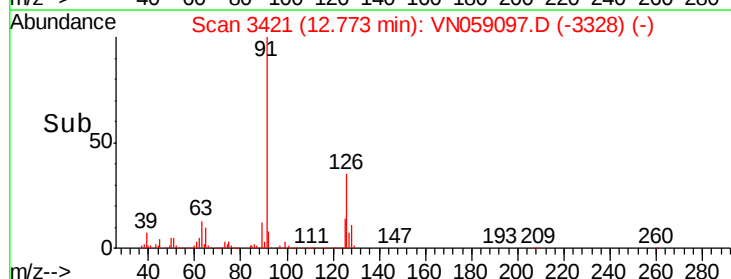
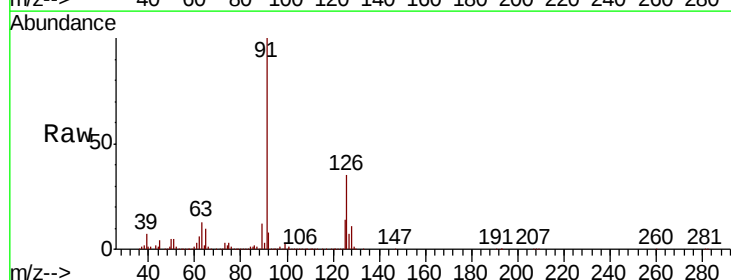
Acq: 6 Nov 2019 10:45

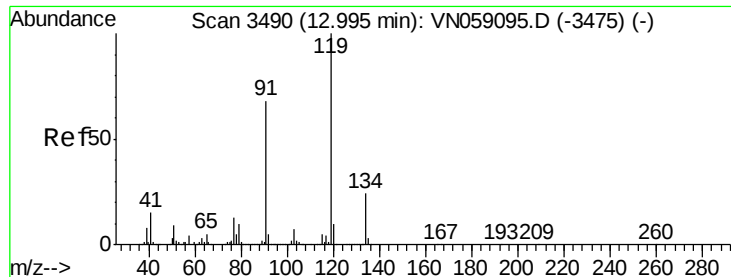
Tgt Ion: 91 Resp: 2892400

Ion Ratio Lower Upper

91 100

126 33.9 16.1 48.2





#83

tert-Butylbenzene

Concen: 136.044 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

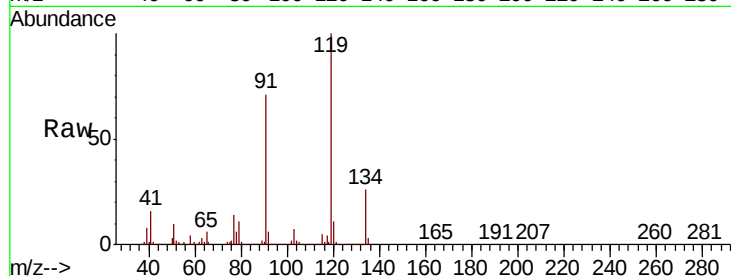
Tot Ion:119 Resp: 2888409

Ion Ratio Lower Upper

119 100

91 67.7 33.2 99.6

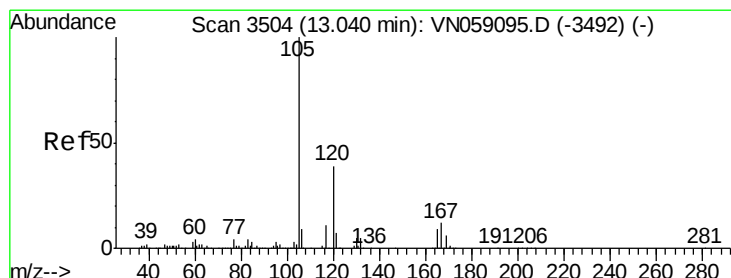
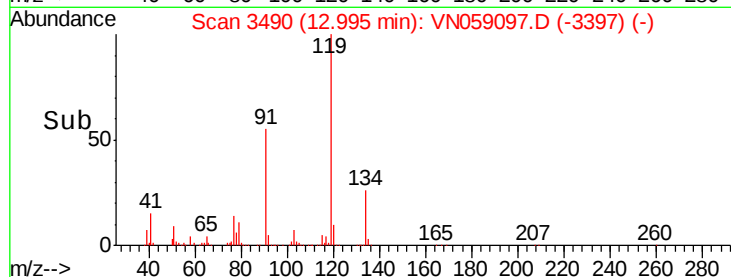
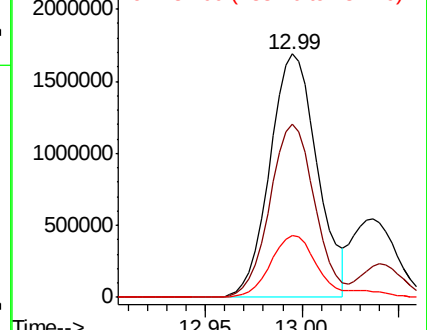
134 26.4 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 136.013 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059097.D

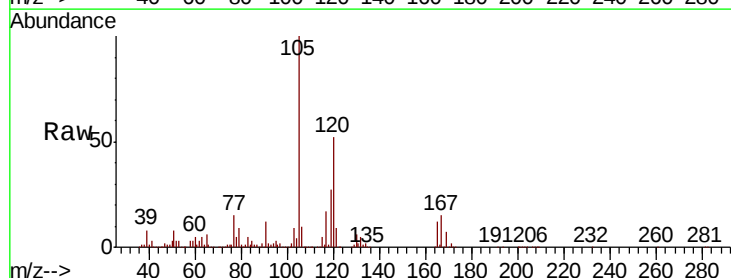
Acq: 6 Nov 2019 10:45

Tgt Ion:105 Resp: 3282156

Ion Ratio Lower Upper

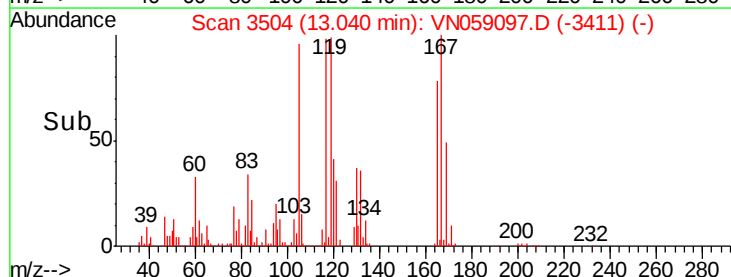
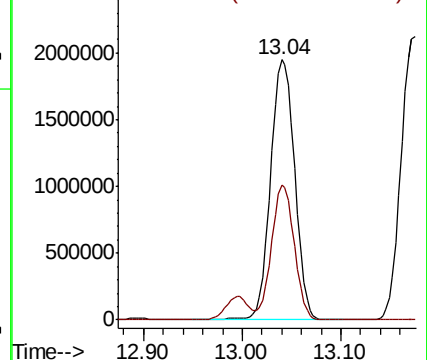
105 100

120 48.7 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 133.020 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

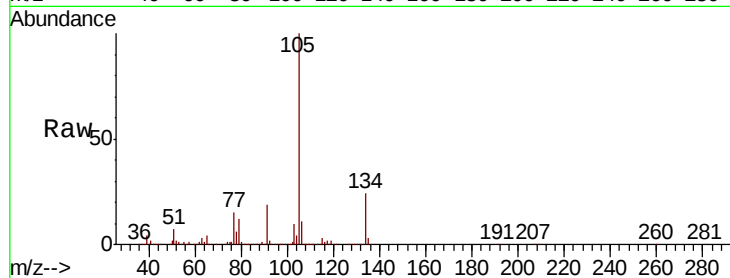
VSTDIC150

Tot Ion:105 Resp: 3692150

Ion Ratio Lower Upper

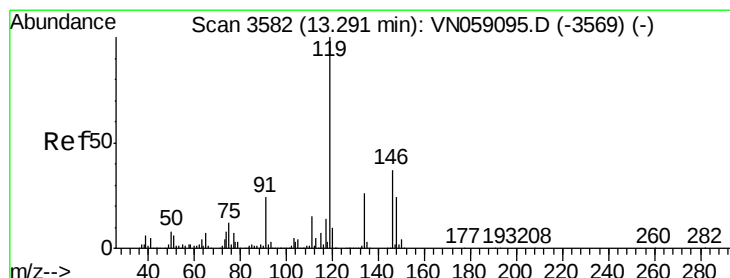
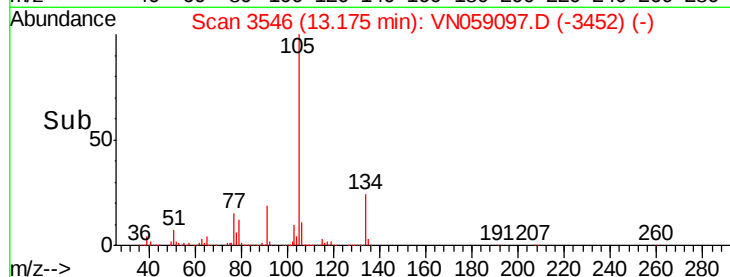
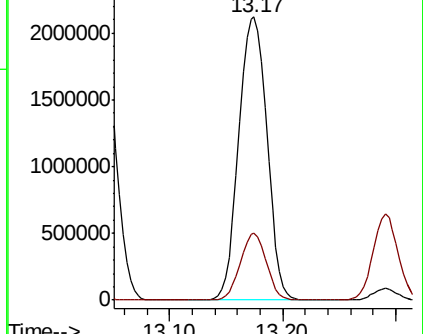
105 100

134 21.8 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: 135.723 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

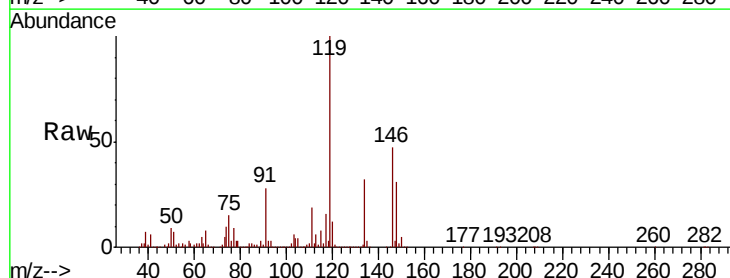
Tgt Ion:119 Resp: 3392695

Ion Ratio Lower Upper

119 100

134 29.1 13.0 38.9

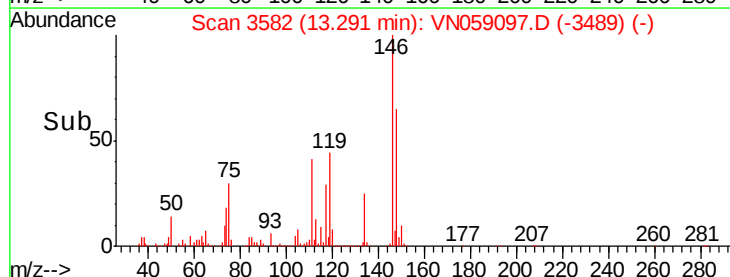
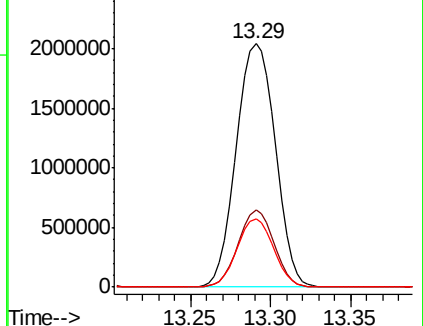
91 26.1 11.7 35.1

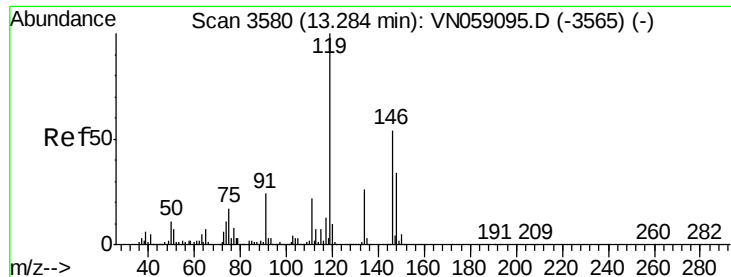


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 140.141 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

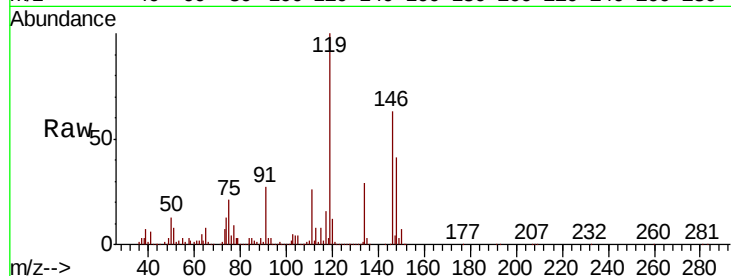
MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1823858

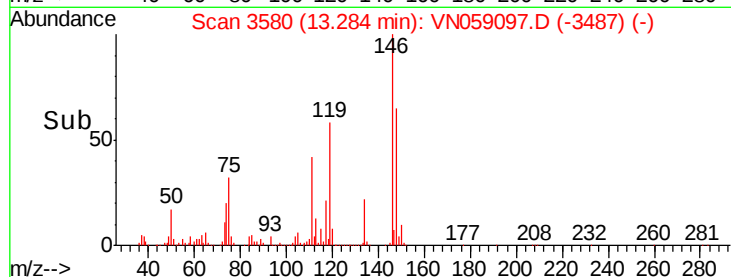
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.3  | 20.4  | 61.3  |
| 148 | 64.4  | 32.2  | 96.6  |



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



#88

1,4-Dichlorobenzene

Concen: 141.844 ug/l

RT: 13.36 min Scan# 3605

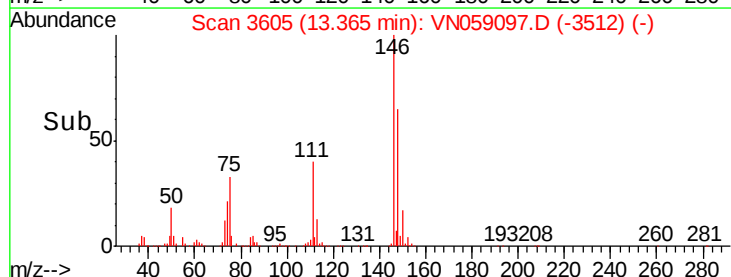
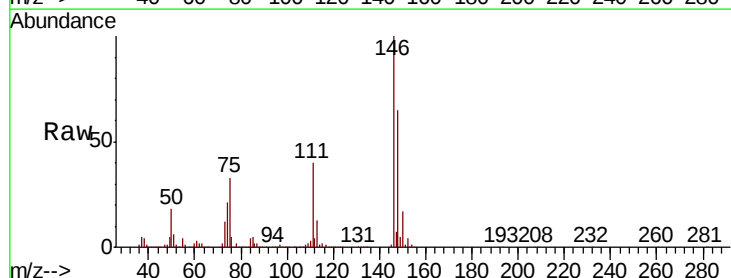
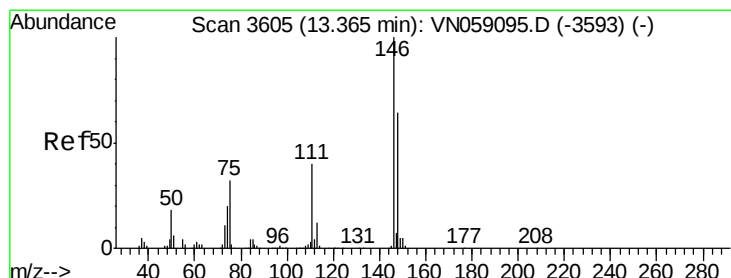
Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Tgt Ion:146 Resp: 1824087

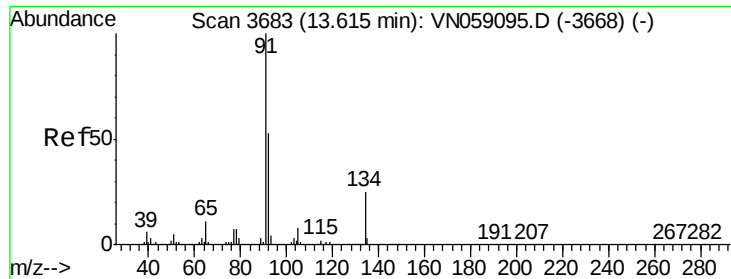
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 40.1  | 20.3  | 60.9  |
| 148 | 64.6  | 31.9  | 95.7  |



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

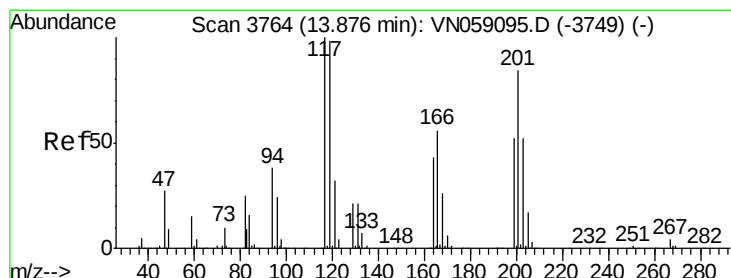
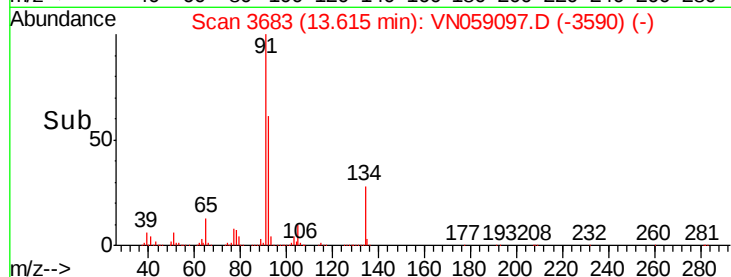
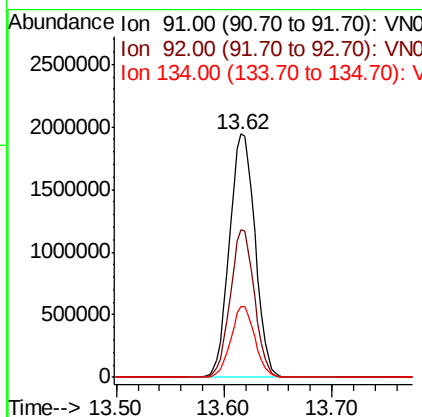
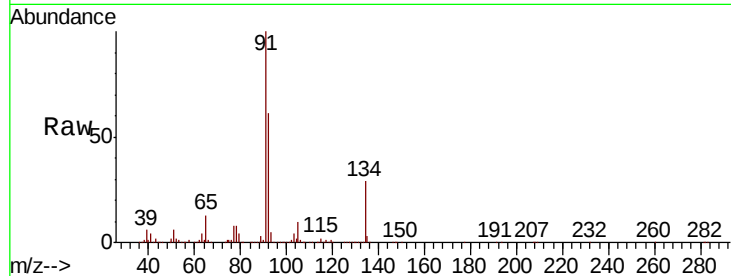
Ion 147.90 (147.60 to 148.60): V



#89  
n-Butylbenzene  
Concen: 147.774 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

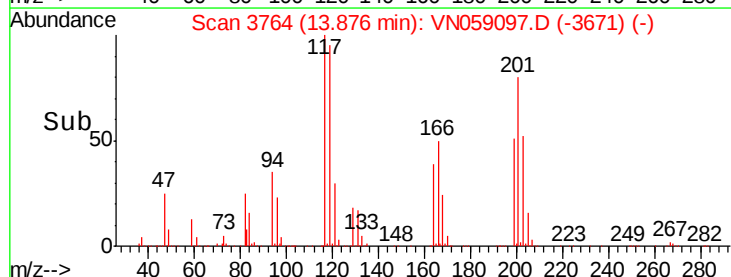
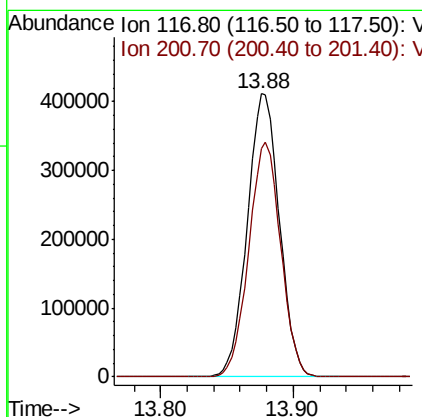
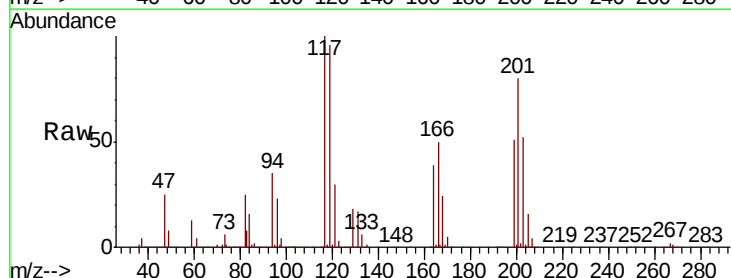
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

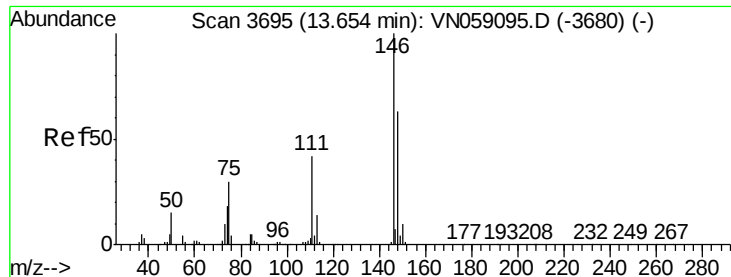
Tot Ion: 91 Resp: 3207427  
Ion Ratio Lower Upper  
91 100  
92 57.4 26.1 78.3  
134 27.6 12.6 37.8



#90  
Hexachloroethane  
Concen: 139.503 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion: 117 Resp: 692150  
Ion Ratio Lower Upper  
117 100  
201 82.4 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 136.682 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

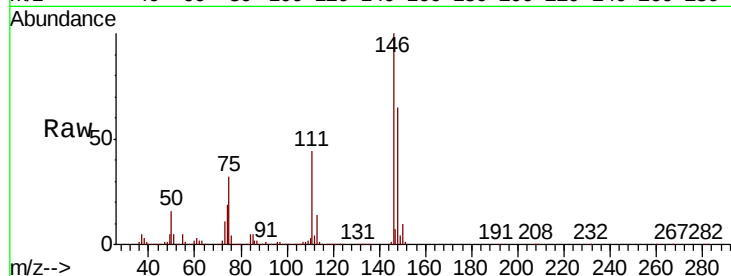
Tot Ion:146 Resp: 1774453

Ion Ratio Lower Upper

146 100

111 42.8 21.2 63.6

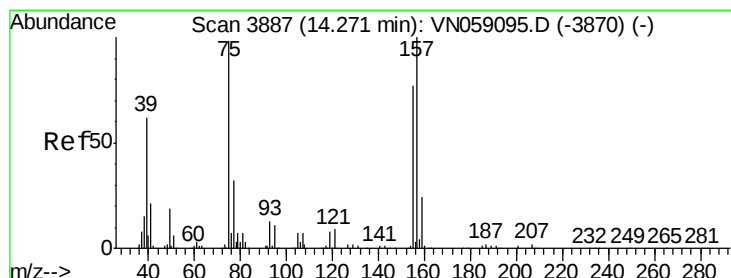
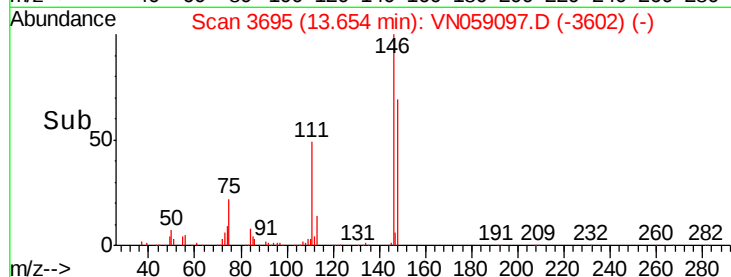
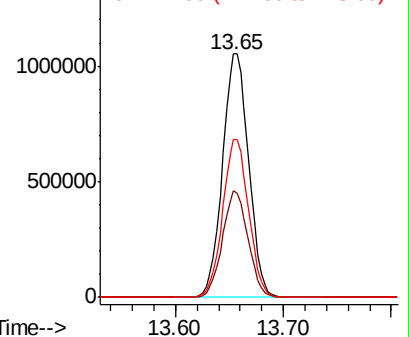
148 64.2 31.6 94.7



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: 132.432 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

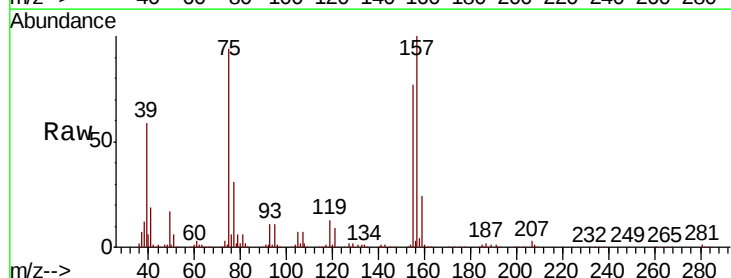
Tgt Ion: 75 Resp: 298100

Ion Ratio Lower Upper

75 100

155 81.1 40.2 120.6

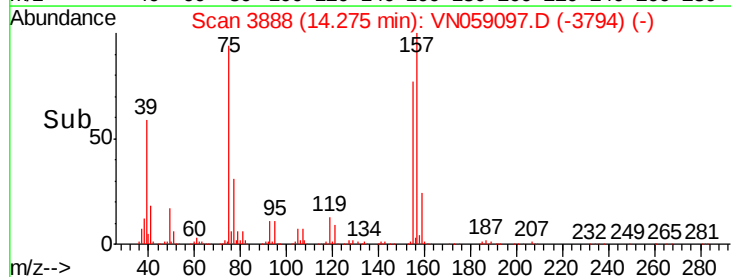
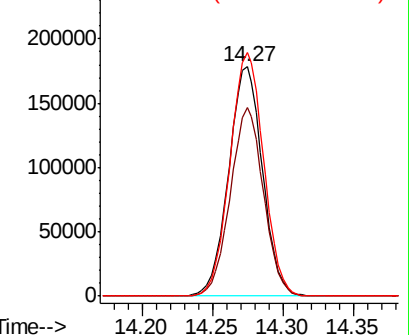
157 106.4 51.8 155.5



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

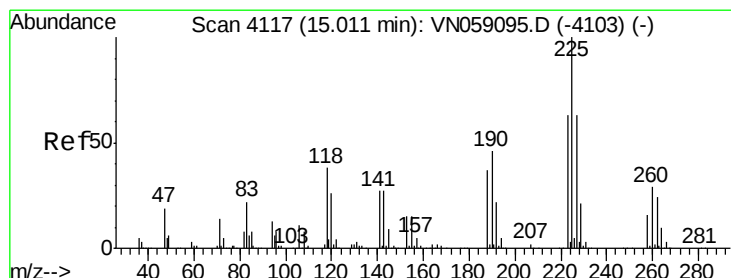
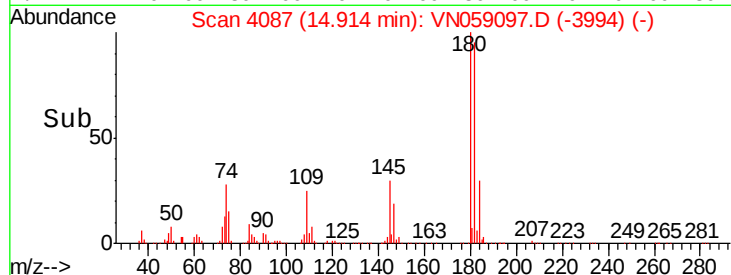
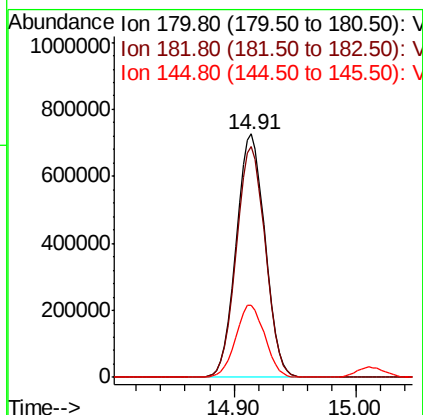
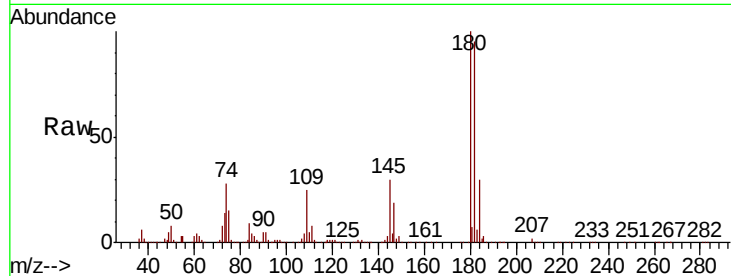




#93  
1,2,4-Trichlorobenzene  
Concen: 170.310 ug/l  
RT: 14.91 min Scan# 4087  
Delta R.T. -0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

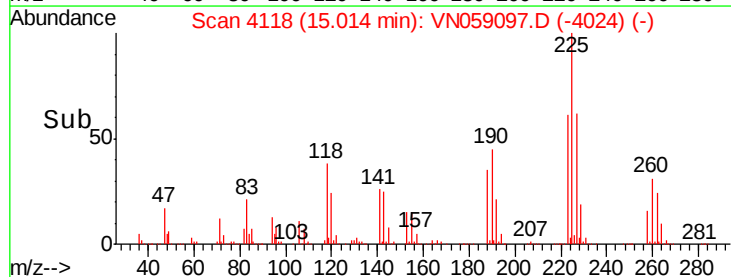
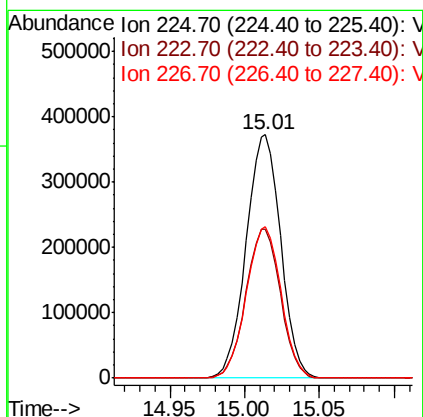
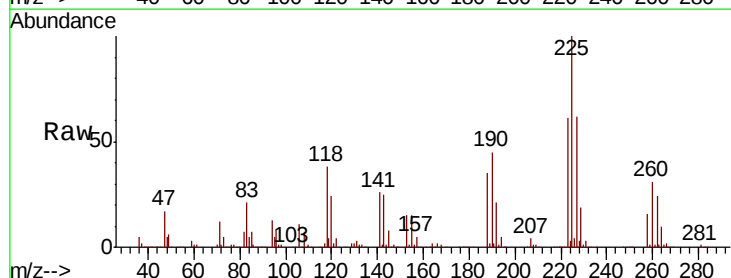
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

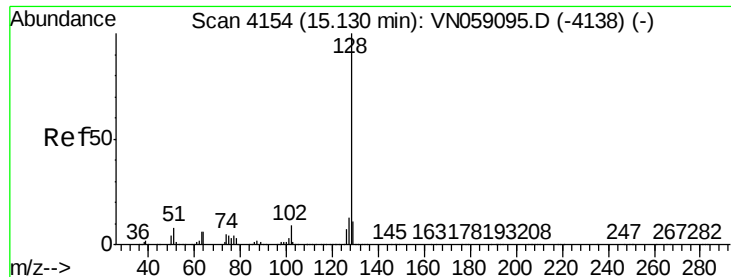
Tot Ion:180 Resp: 1185626  
Ion Ratio Lower Upper  
180 100  
182 95.2 48.1 144.3  
145 29.9 15.1 45.3



#94  
Hexachlorobutadiene  
Concen: 142.249 ug/l  
RT: 15.01 min Scan# 4118  
Delta R.T. 0.00 min  
Lab File: VN059097.D  
Acq: 6 Nov 2019 10:45

Tgt Ion:225 Resp: 598326  
Ion Ratio Lower Upper  
225 100  
223 61.5 31.3 93.9  
227 62.5 31.5 94.5





#95

Naphthalene

Concen: 170.061 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

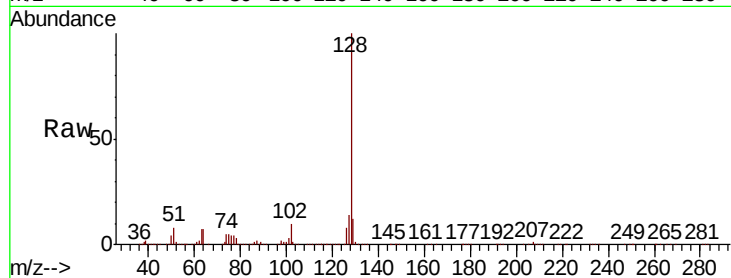
MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 3243460

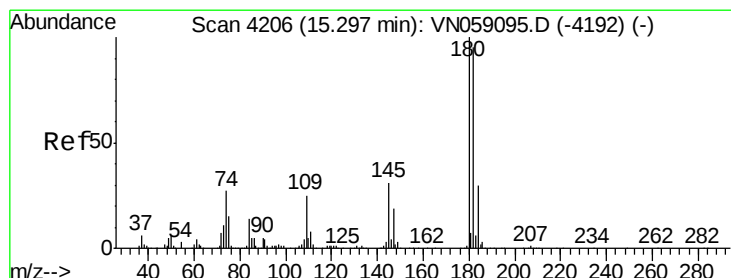
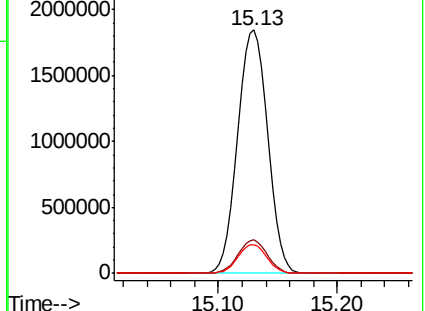
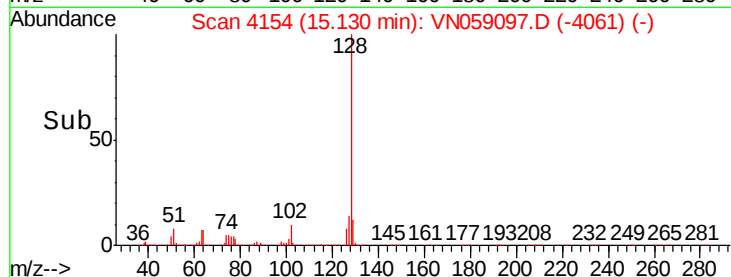
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.2  | 10.2  | 15.2  |
| 129 | 11.4  | 8.6   | 12.8  |



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: 162.968 ug/l

RT: 15.30 min Scan# 4206

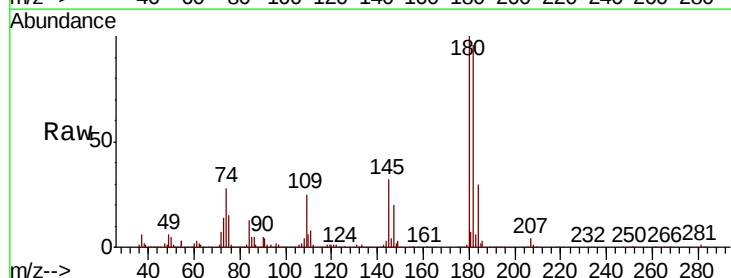
Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Tgt Ion:180 Resp: 1160258

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.7  | 47.3  | 141.8 |
| 145 | 31.7  | 15.8  | 47.3  |



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

