

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\  
 Data File : VN061542.D  
 Acq On : 28 May 2020 19:19  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: May 29 01:47:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 01:43:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 400663   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 645848   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 620589   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 322002   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 466421   | 80.55  | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 161.10% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 313772   | 92.25  | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 184.50% |          |
| 50) Toluene-d8              | 10.06 | 98   | 1589674  | 101.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 202.08% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 581582   | 100.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 200.08% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 469767   | 133.606 | ug/l  | 98     |
| 3) Chloromethane              | 2.03 | 50   | 470856   | 87.348  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.16 | 62   | 664620   | 87.365  | ug/l  | 99     |
| 5) Bromomethane               | 2.52 | 94   | 369575   | 87.540  | ug/l  | 99     |
| 6) Chloroethane               | 2.66 | 64   | 408351   | 80.172  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 2.98 | 101  | 814066   | 87.236  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.37 | 74   | 247759   | 91.002  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101  | 364579   | 93.814  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.91 | 142  | 528473   | 107.618 | ug/l  | 100    |
| 11) Tert butyl alcohol        | 4.73 | 59   | 307762   | 459.111 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.69 | 96   | 385747   | 94.135  | ug/l  | 96     |
| 13) Acrolein                  | 3.56 | 56   | 88275    | 184.830 | ug/l  | 98     |
| 14) Allyl chloride            | 4.27 | 41   | 506082   | 79.091  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.93 | 53   | 880916   | 442.857 | ug/l  | 99     |
| 16) Acetone                   | 3.77 | 43   | 637731   | 359.187 | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.01 | 76   | 812007   | 80.733  | ug/l  | 98     |
| 18) Methyl Acetate            | 4.27 | 43   | 404736   | 88.509  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73   | 1320640  | 86.607  | ug/l  | 98     |
| 20) Methylene Chloride        | 4.50 | 84   | 428831   | 88.493  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96   | 435157   | 93.142  | ug/l  | 97     |
| 22) Diisopropyl ether         | 5.90 | 45   | 1135850  | 78.736  | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.84 | 43   | 4519583  | 394.067 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 5.80 | 63   | 708191   | 83.403  | ug/l  | 99     |
| 25) 2-Butanone                | 6.78 | 43   | 1072965  | 407.293 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.77 | 77   | 618225   | 76.815  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 505838   | 91.785  | ug/l  | 100    |
| 28) Bromochloromethane        | 7.15 | 49   | 275185   | 78.368  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 7.17 | 42   | 720101   | 412.760 | ug/l  | 100    |
| 30) Chloroform                | 7.33 | 83   | 788884   | 88.464  | ug/l  | 99     |
| 31) Cyclohexane               | 7.61 | 56   | 626434   | 77.603  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97   | 728610   | 89.305  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 579912   | 97.456  | ug/l  | 100    |
| 37) Ethyl Acetate             | 6.88 | 43   | 473649   | 87.952  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 598867   | 108.780 | ug/l  | 98     |

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 Sample : VSTDICC100  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: May 29 01:47:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 01:43:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 728515   | 100.002  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 1769636  | 98.506   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.13  | 41   | 213671   | 96.502   | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 584928   | 91.331   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 830001   | 89.052   | ug/l   | 99       |
| 44) Trichloroethene            | 8.80  | 130  | 556770   | 114.579  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 418891   | 93.845   | ug/l   | 99       |
| 46) Dibromomethane             | 9.18  | 93   | 317866   | 100.142  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 651944   | 98.519   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 368035   | 85.992   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.17  | 88   | 112112   | 2092.047 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 2373231  | 466.654  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 1187051  | 102.567  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 719926   | 99.722   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 752930   | 97.578   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.54 | 97   | 464602   | 105.795  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 685369   | 101.064  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 738498   | 98.270   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 1498269  | 503.672  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 1743071  | 474.009  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.88 | 129  | 562202   | 114.818  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 498846   | 107.747  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 601689   | 121.511  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 1303739  | 103.318  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 486762   | 106.926  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 2238228  | 98.354   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.60 | 106  | 1801169  | 207.090  | ug/l   | 96       |
| 69) o-Xylene                   | 11.92 | 106  | 868490   | 103.169  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 1488411  | 106.977  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 407708   | 125.228  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 2247538  | 88.821   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 760707   | 83.478   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 616579   | 88.495   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 822681   | 122.727  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 592897   | 105.108  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.57 | 91   | 2523098  | 88.030   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 1489599  | 87.608   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 1909659  | 92.095   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 228808   | 89.825   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 1585007  | 90.054   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 1659384  | 93.155   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 1912689  | 92.184   | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 2176002  | 90.952   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 2036043  | 95.261   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 1063328  | 103.840  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 1076278  | 104.979  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 1727400  | 90.136   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 232485   | 83.420   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 1009278  | 102.736  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 123677   | 87.860   | ug/l   | 95       |

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Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Quant Time: May 29 01:47:38 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 29 01:43:07 2020  
Response via : Initial Calibration

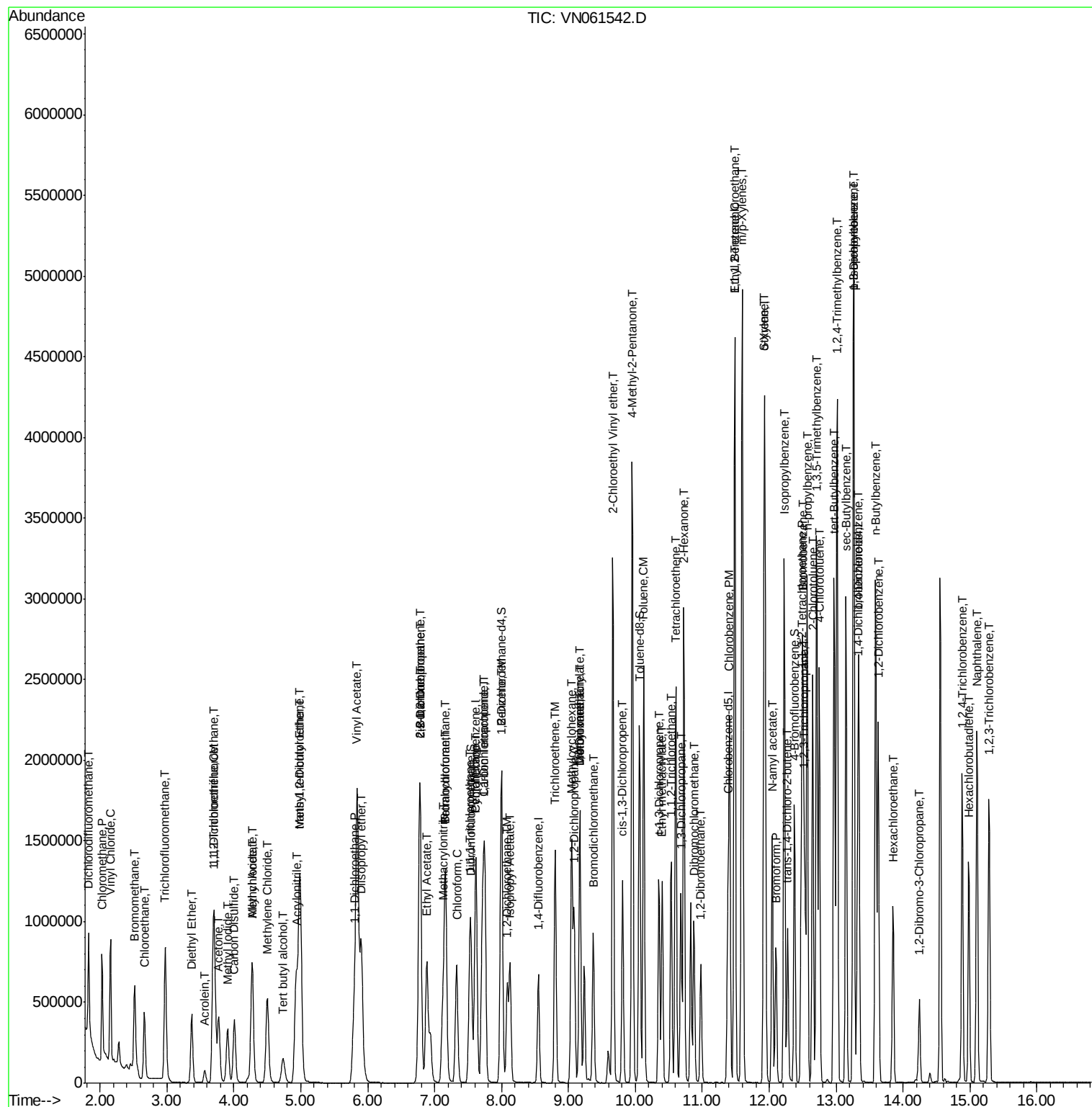
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.89 | 180  | 634616   | 118.035 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.99 | 225  | 251133   | 106.152 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 1932890  | 113.441 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 616190   | 114.740 | ug/l  | 98       |

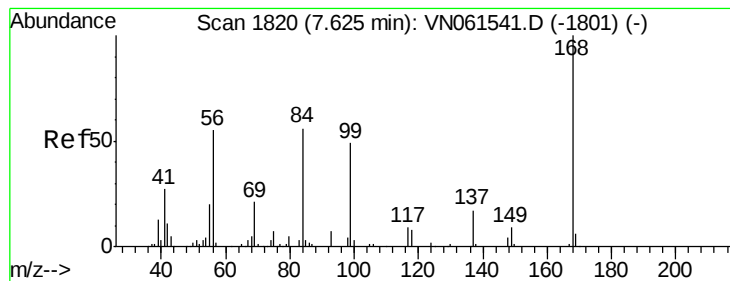
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052820\  
 Data File : VN061542.D  
 Acq On : 28 May 2020 19:19  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: May 29 01:47:38 2020  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

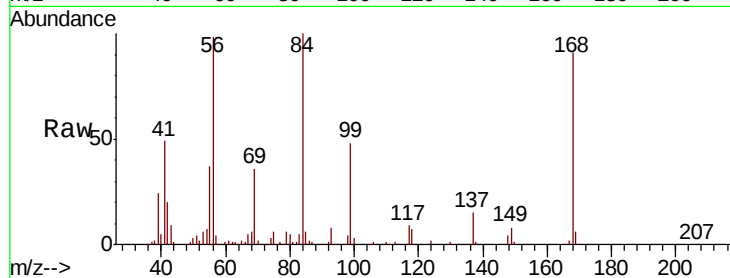
VSTDIC100

Tot Ion:168 Resp: 400663

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

100000

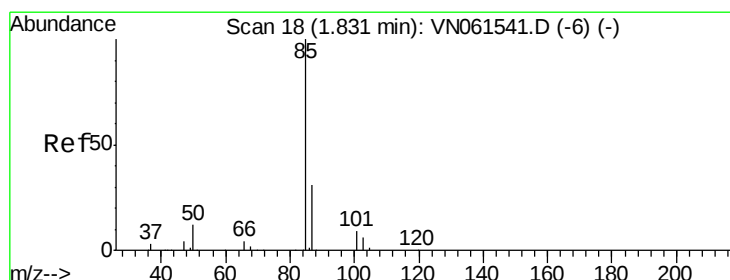
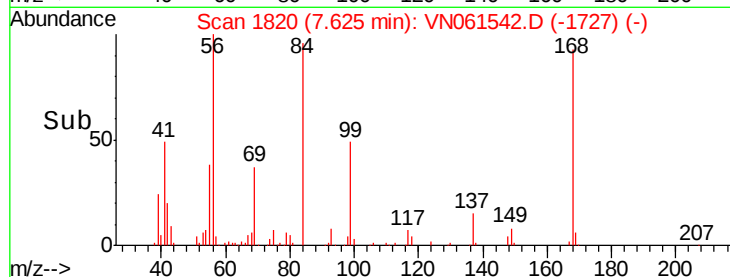
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0

7.50 7.60 7.70

7.63

Time-->



#2

Dichlorodifluoromethane

Concen: 133.606 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN061542.D

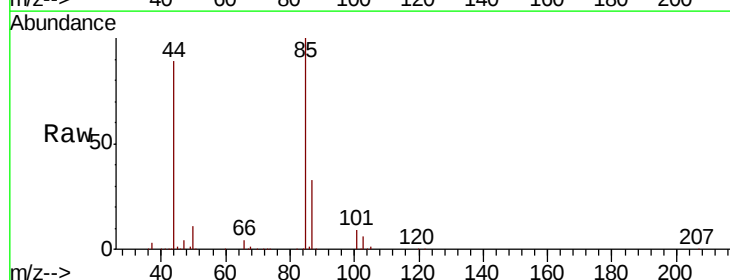
Acq: 28 May 2020 19:19

Tgt Ion: 85 Resp: 469767

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

400000

300000

200000

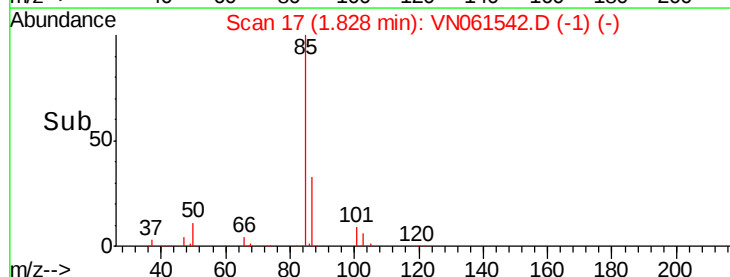
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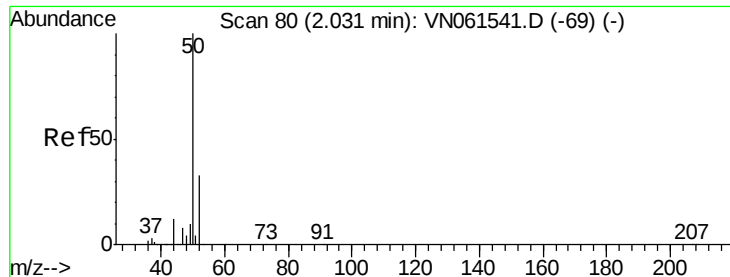
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1.80 1.90

1.83

Time-->





#3

Chloromethane

Concen: 87.348 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

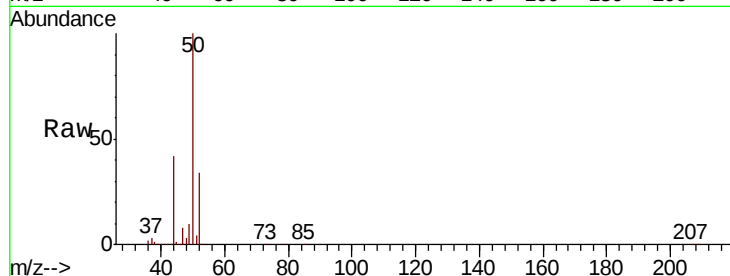
VSTDIC100

Tot Ion: 50 Resp: 470856

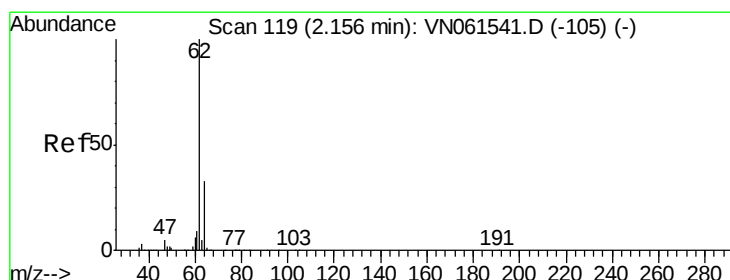
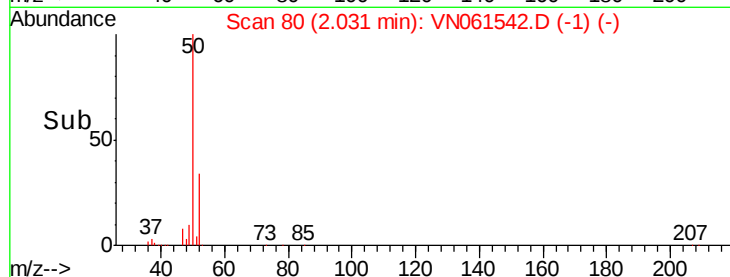
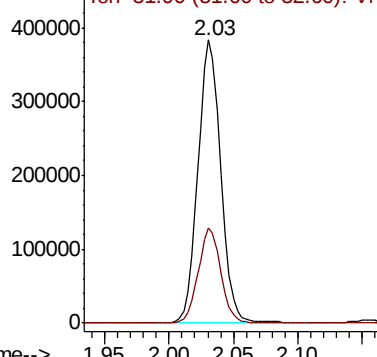
Ion Ratio Lower Upper

50 100

52 33.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNO  
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 87.365 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061542.D

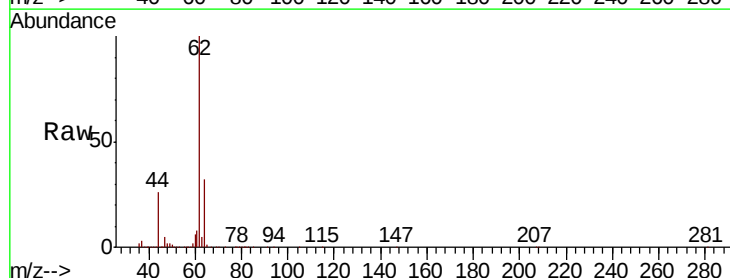
Acq: 28 May 2020 19:19

Tgt Ion: 62 Resp: 664620

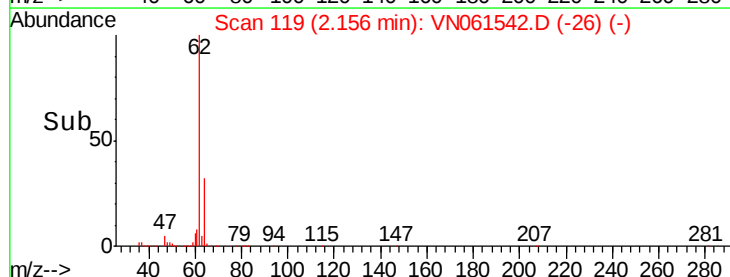
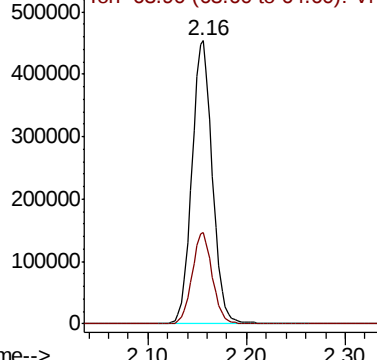
Ion Ratio Lower Upper

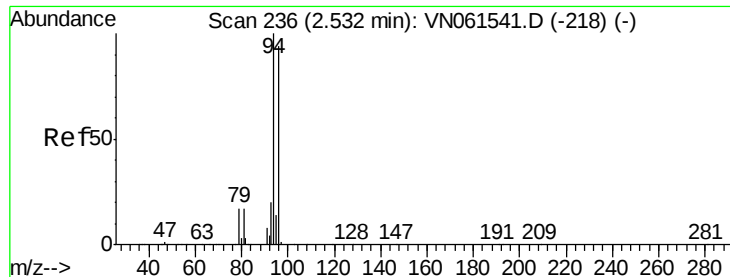
62 100

64 32.1 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO  
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 87.540 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

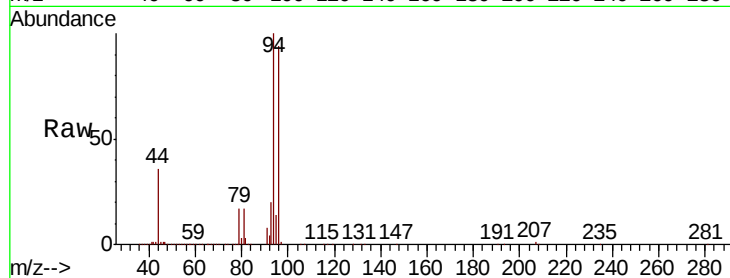
VSTDIC100

Tot Ion: 94 Resp: 369575

Ion Ratio Lower Upper

94 100

96 94.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061542.D (-231) (-)

Ion 95.90 (95.60 to 96.60): VN061542.D (-231) (-)

2.52

200000

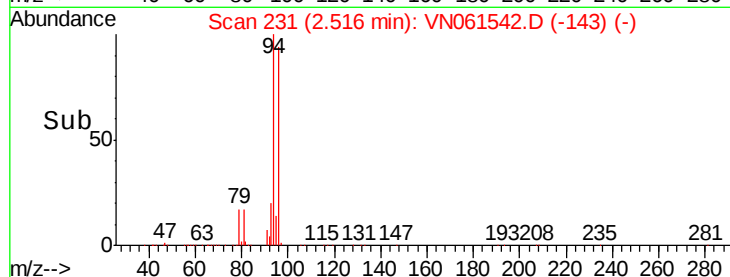
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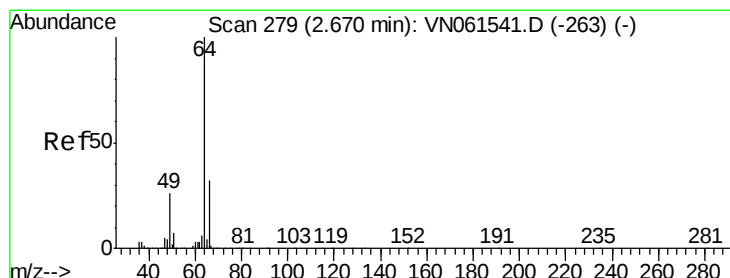
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Time-->



Time-->



#6

Chloroethane

Concen: 80.172 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061542.D

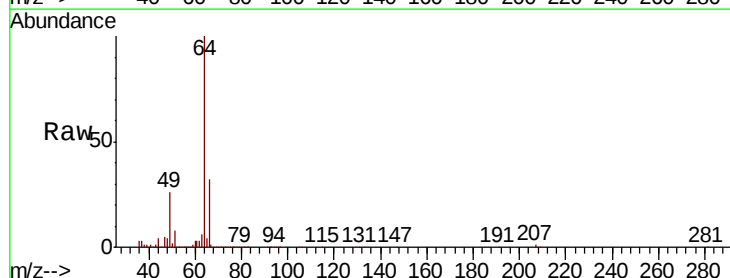
Acq: 28 May 2020 19:19

Tgt Ion: 64 Resp: 408351

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN061542.D (-276) (-)

Ion 65.90 (65.60 to 66.60): VN061542.D (-276) (-)

2.66

200000

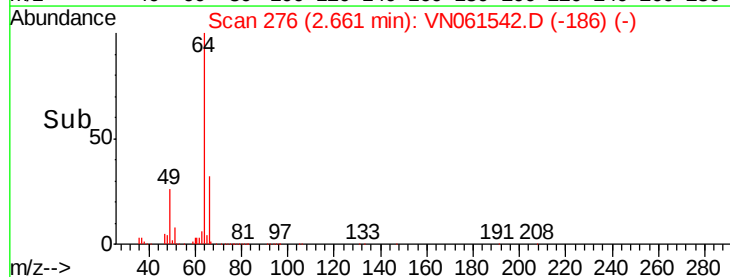
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100000

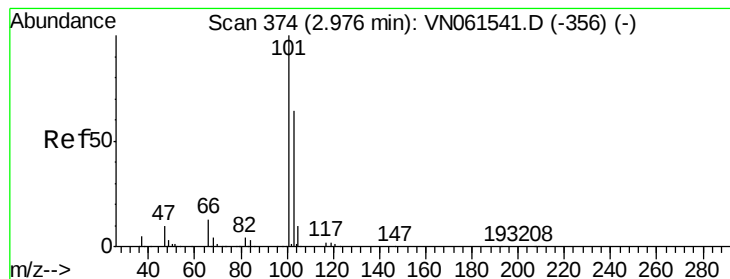
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Time-->



Time-->

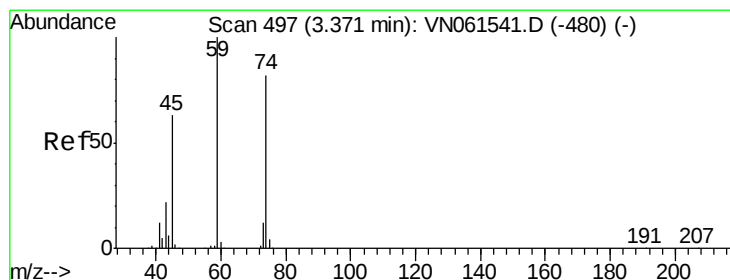
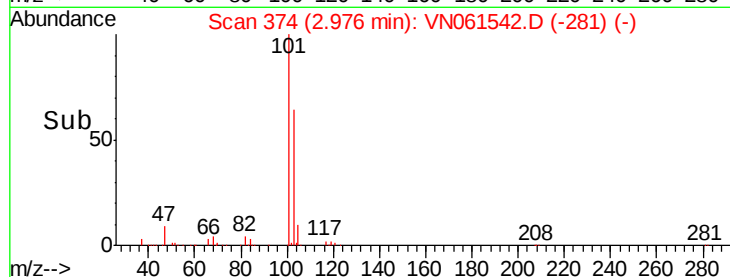
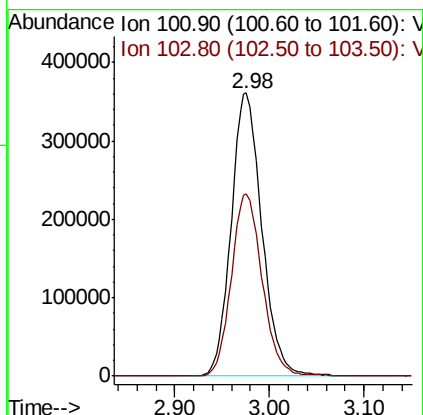
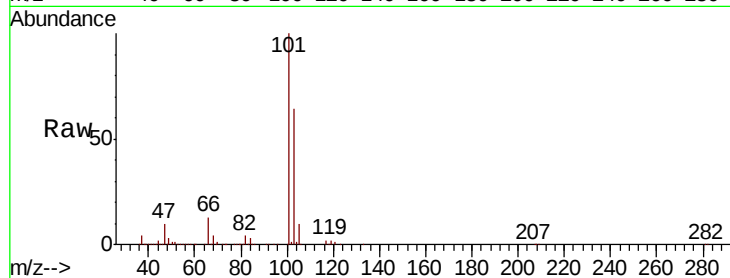


#7

Trichlorofluoromethane  
 Concen: 87.236 ug/l  
 RT: 2.98 min Scan# 374  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

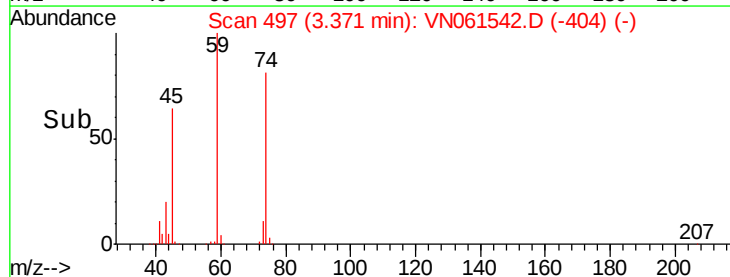
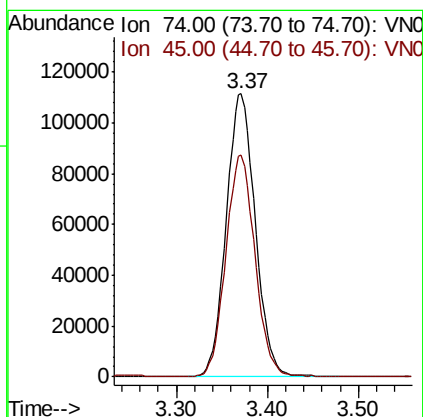
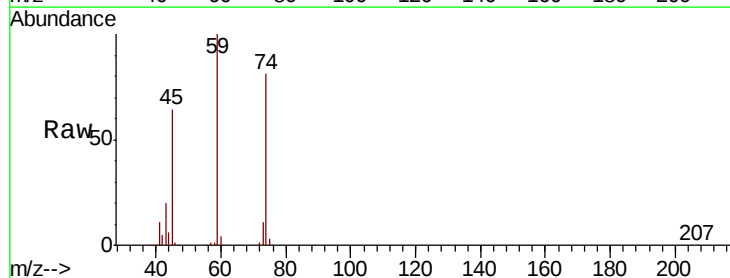
Tot Ion: 101 Resp: 814066  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 51.4 77.2

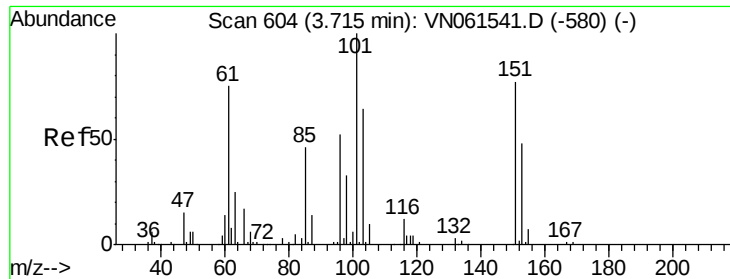


#8

Diethyl Ether  
 Concen: 91.002 ug/l  
 RT: 3.37 min Scan# 497  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion: 74 Resp: 247759  
 Ion Ratio Lower Upper  
 74 100  
 45 77.9 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.814 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

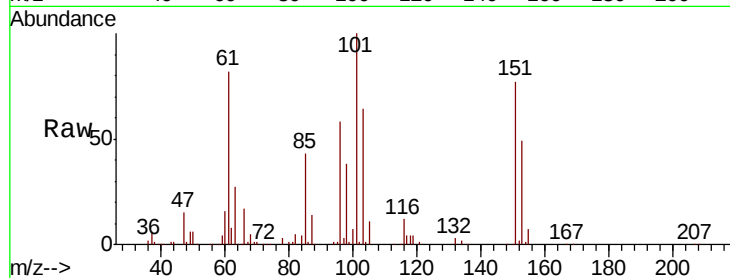
Tot Ion:101 Resp: 364579

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

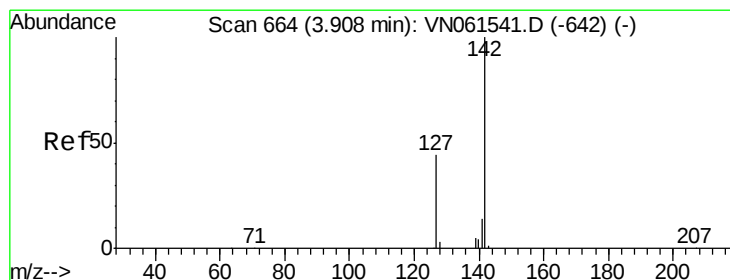
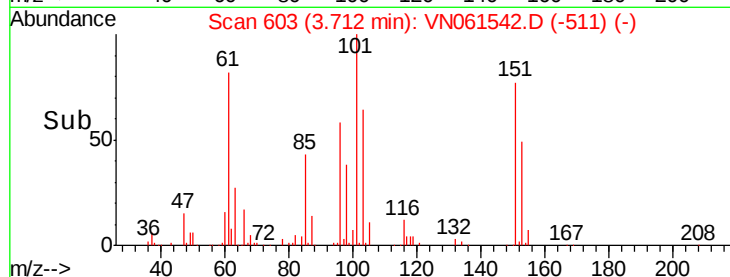
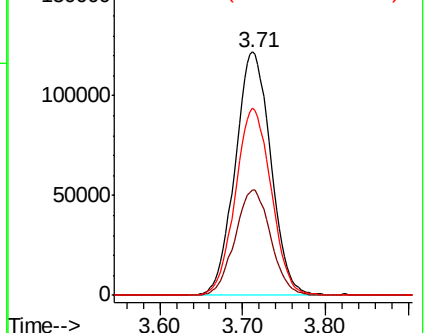
151 77.3 61.0 91.6



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: 107.618 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

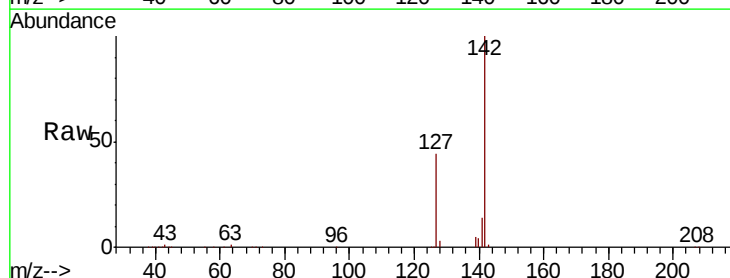
Tgt Ion:142 Resp: 528473

Ion Ratio Lower Upper

142 100

127 44.3 35.5 53.3

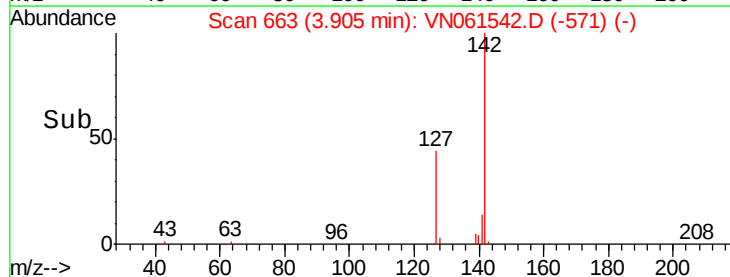
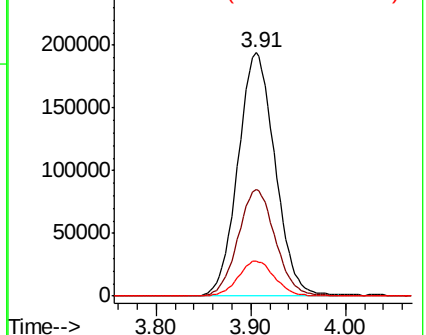
141 14.2 11.5 17.3

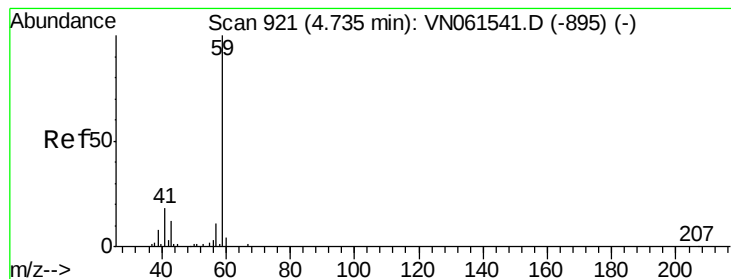


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



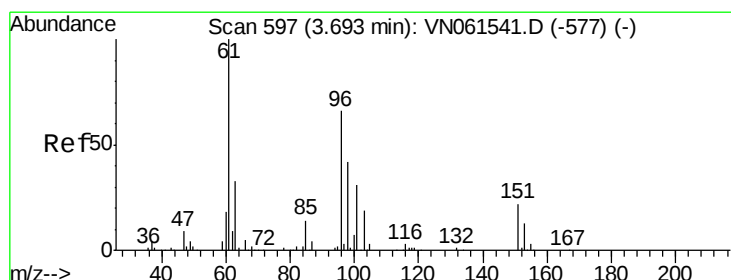
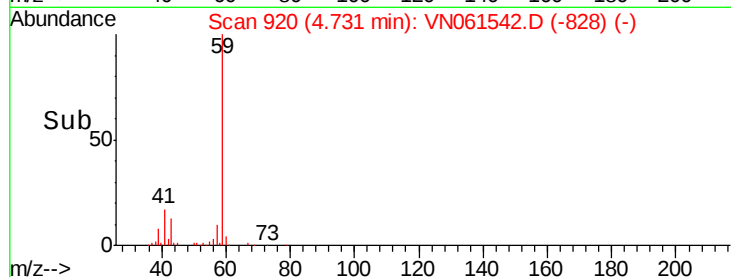
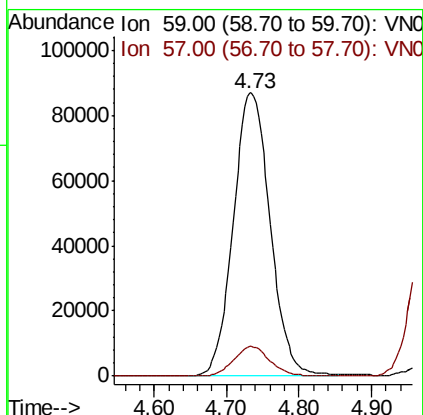
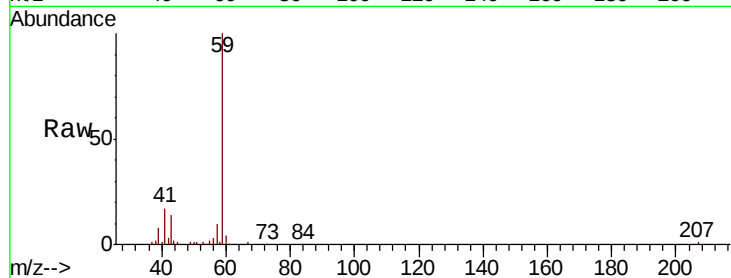


#11

Tert butyl alcohol  
Concen: 459.111 ug/l  
RT: 4.73 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

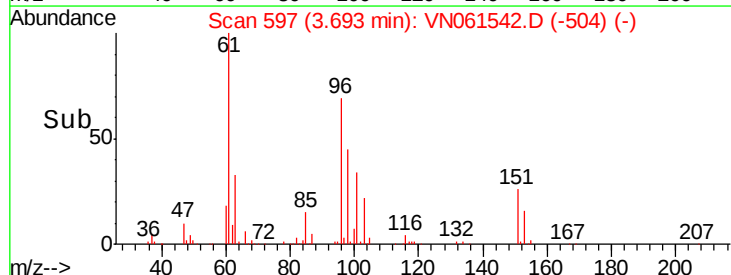
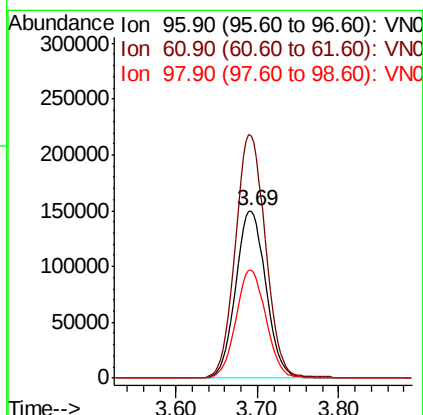
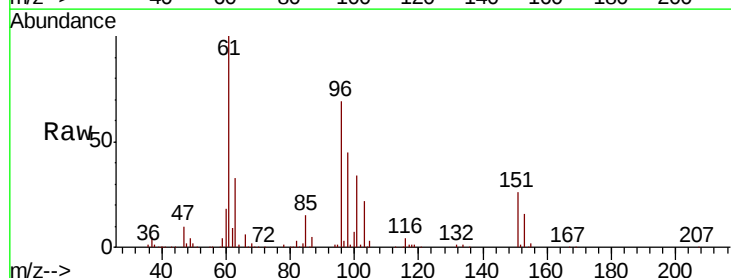
Tot Ion: 59 Resp: 307762  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.4 12.6

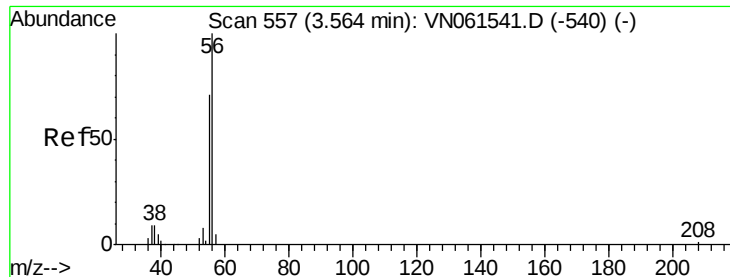


#12

1,1-Dichloroethene  
Concen: 94.135 ug/l  
RT: 3.69 min Scan# 597  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion: 96 Resp: 385747  
Ion Ratio Lower Upper  
96 100  
61 144.9 120.5 180.7  
98 64.5 50.8 76.2





#13

Acrolein

Concen: 184.830 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

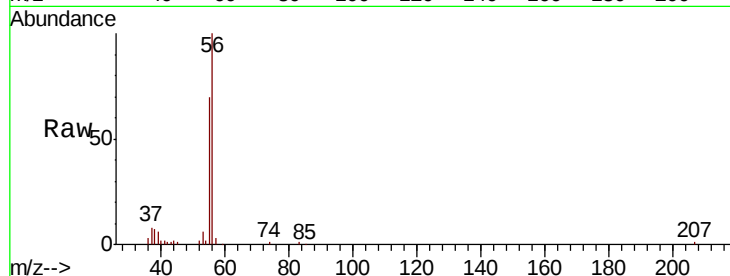
VSTDIC100

Tot Ion: 56 Resp: 88275

Ion Ratio Lower Upper

56 100

55 70.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061542.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061542.D (-540) (-)

3.56

40000

30000

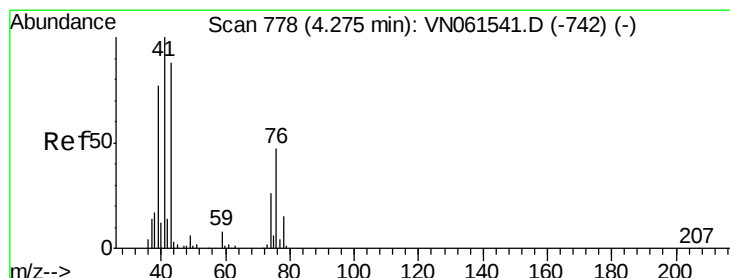
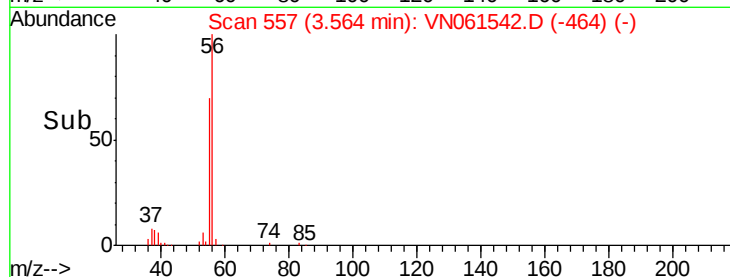
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 79.091 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

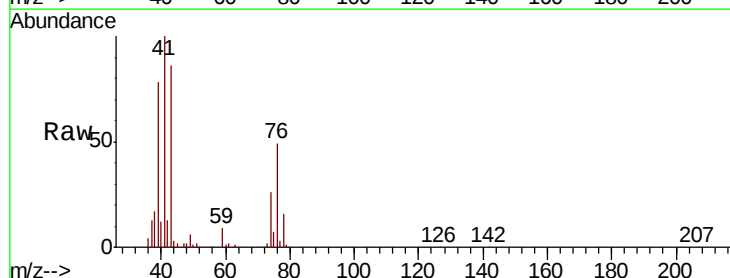
Tgt Ion: 41 Resp: 506082

Ion Ratio Lower Upper

41 100

39 72.7 58.6 88.0

76 43.8 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061542.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061542.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061542.D (-685) (-)

4.27

200000

150000

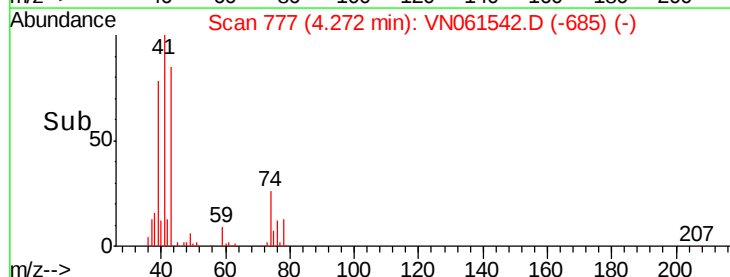
100000

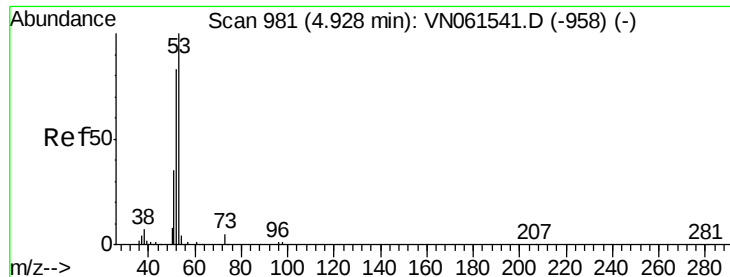
50000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 442.857 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

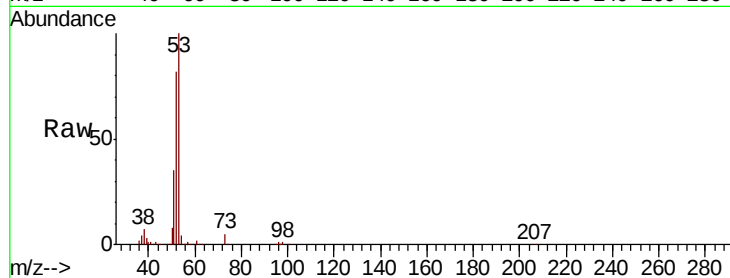
Tot Ion: 53 Resp: 880916

Ion Ratio Lower Upper

53 100

52 80.9 65.4 98.2

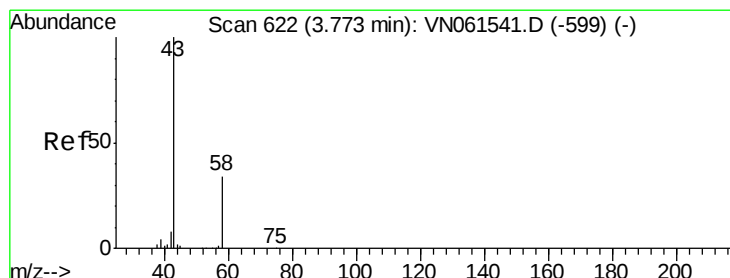
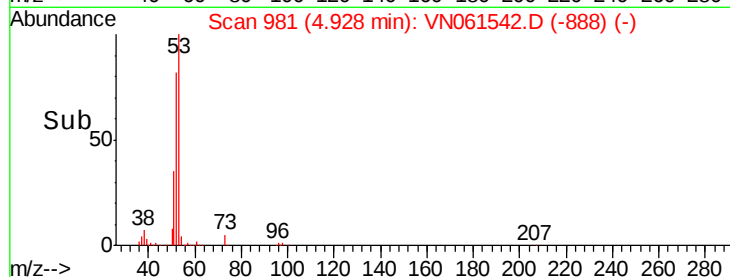
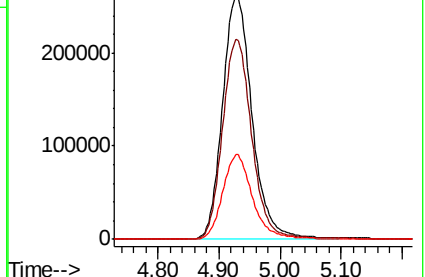
51 35.3 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061541.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061541.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061541.D (-958) (-)



#16

Acetone

Concen: 359.187 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061542.D

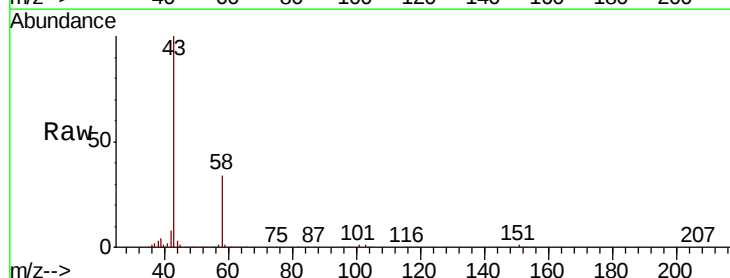
Acq: 28 May 2020 19:19

Tgt Ion: 43 Resp: 637731

Ion Ratio Lower Upper

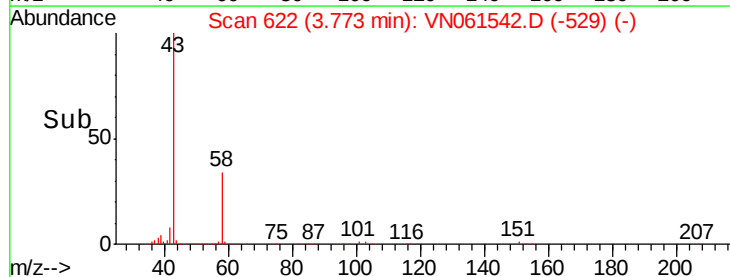
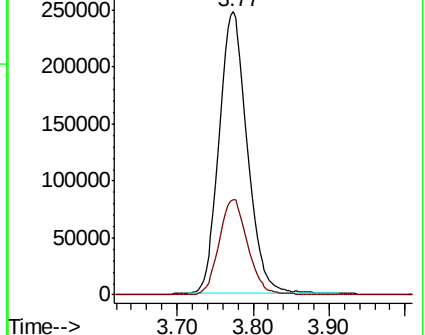
43 100

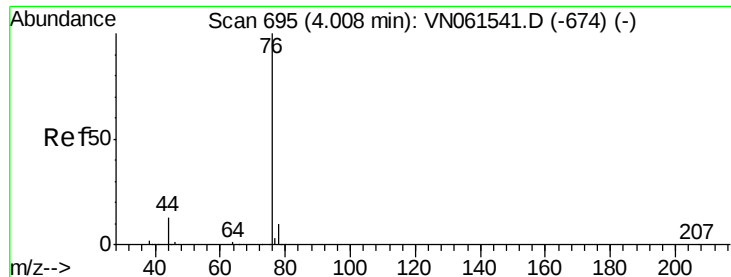
58 33.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-599) (-)

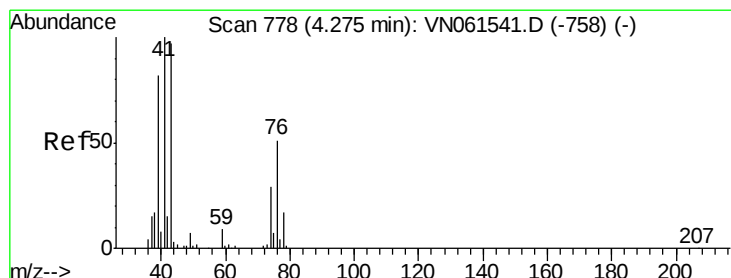
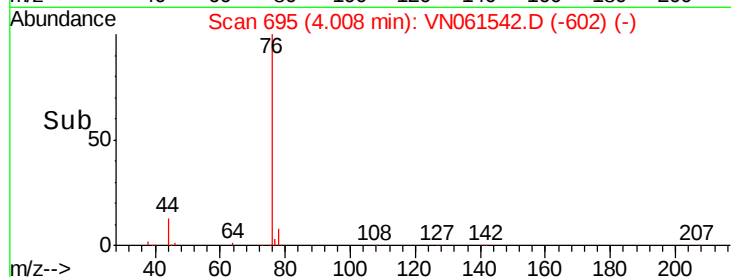
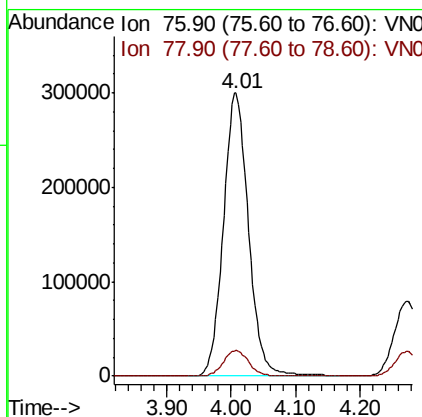
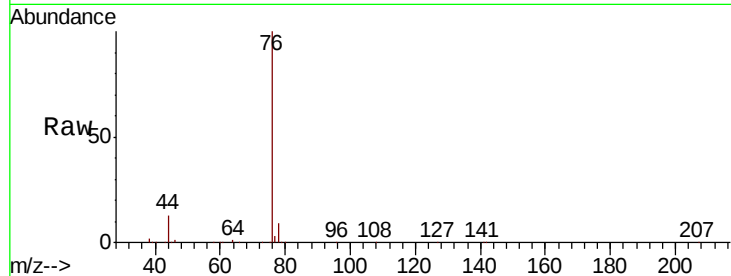




#17  
Carbon Disulfide  
Concen: 80.733 ug/l  
RT: 4.01 min Scan# 695  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

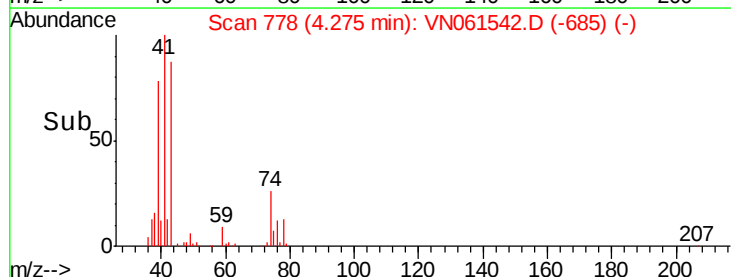
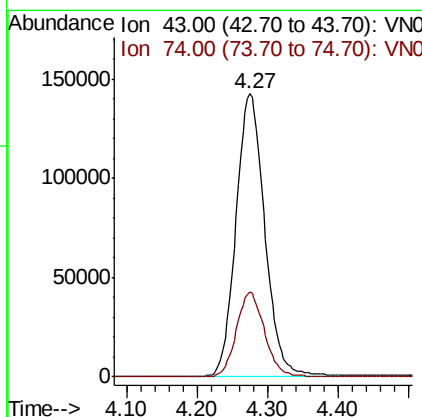
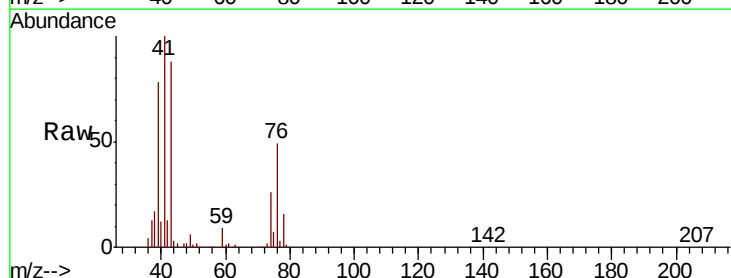
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

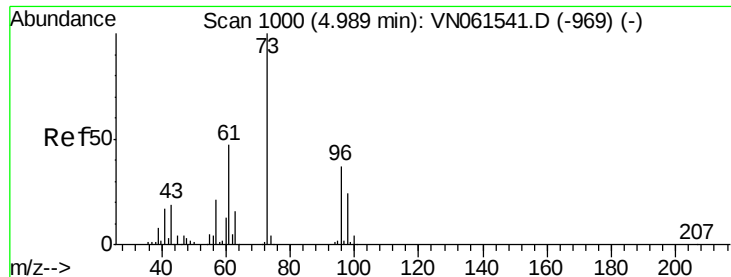
Tot Ion: 76 Resp: 812007  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.8 11.6



#18  
Methyl Acetate  
Concen: 88.509 ug/l  
RT: 4.27 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion: 43 Resp: 404736  
Ion Ratio Lower Upper  
43 100  
74 29.4 23.2 34.8





#19

Methyl tert-butyl Ether

Concen: 86.607 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

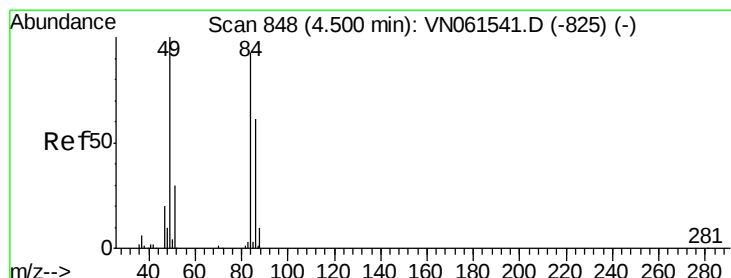
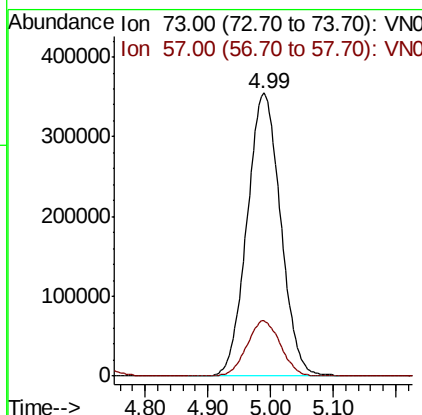
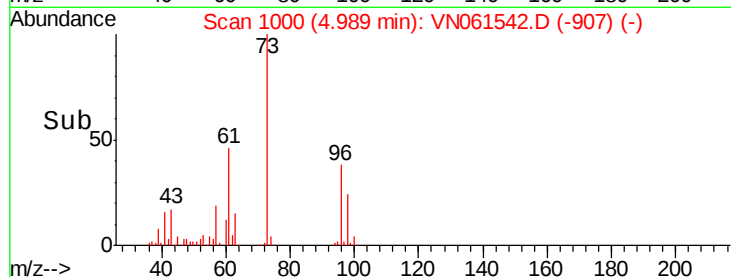
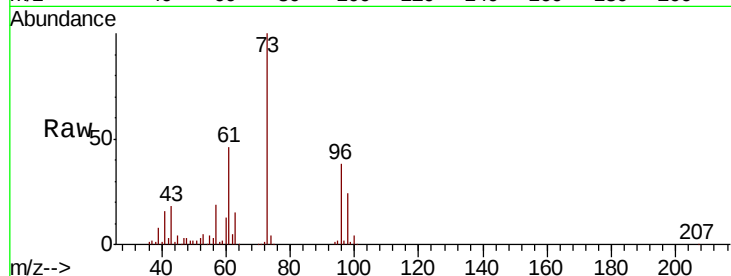
VSTDIC100

Tot Ion: 73 Resp: 1320640

Ion Ratio Lower Upper

73 100

57 19.5 16.4 24.6



#20

Methylene Chloride

Concen: 88.493 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Tgt Ion: 84 Resp: 428831

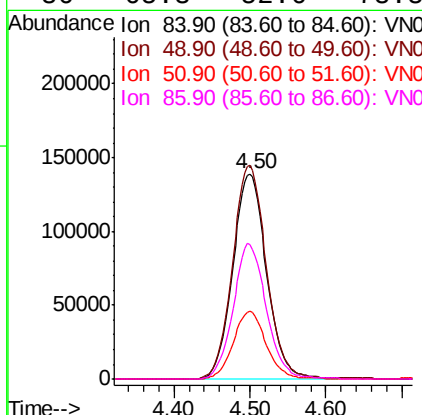
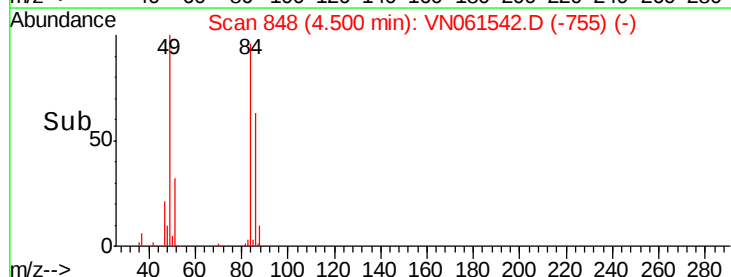
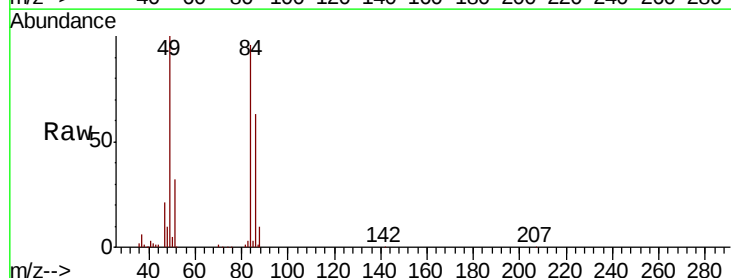
Ion Ratio Lower Upper

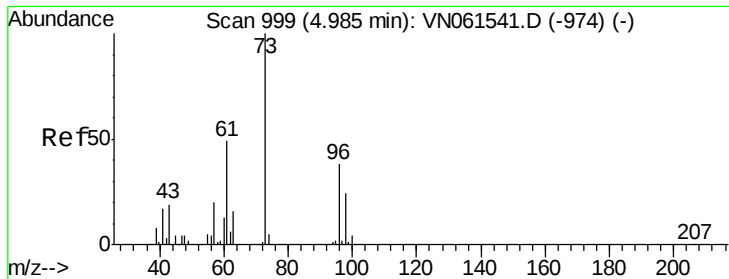
84 100

49 104.0 85.8 128.8

51 32.9 26.2 39.2

86 65.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 93.142 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

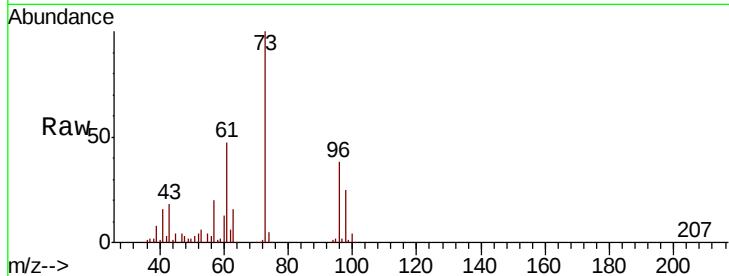
Tot Ion: 96 Resp: 435157

Ion Ratio Lower Upper

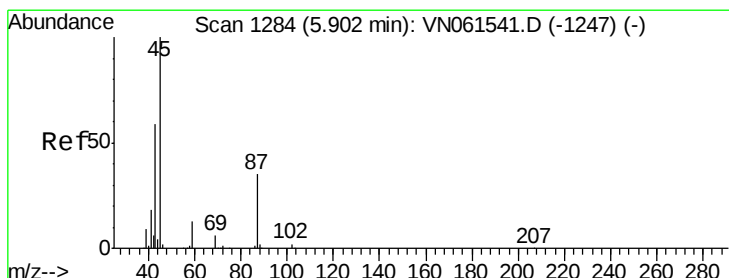
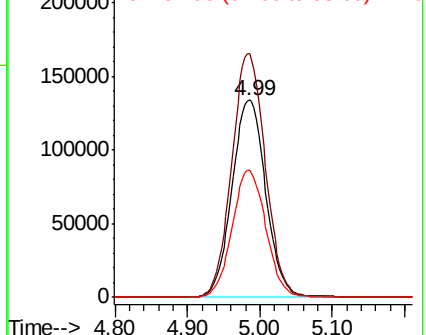
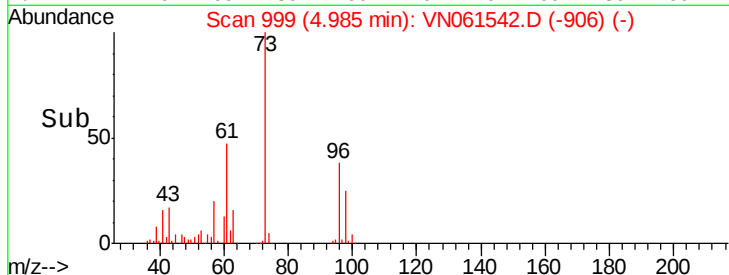
96 100

61 123.3 101.4 152.0

98 64.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061542.D (-906) (-)



#22

Diisopropyl ether

Concen: 78.736 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Tgt Ion: 45 Resp: 1135850

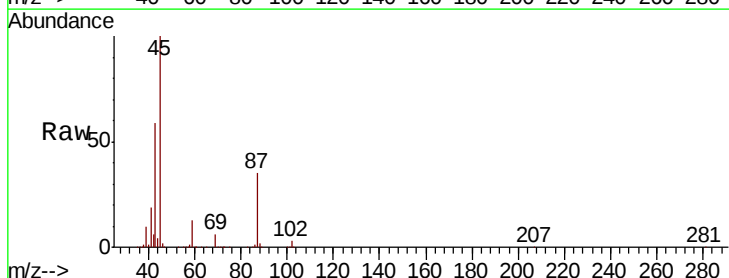
Ion Ratio Lower Upper

45 100

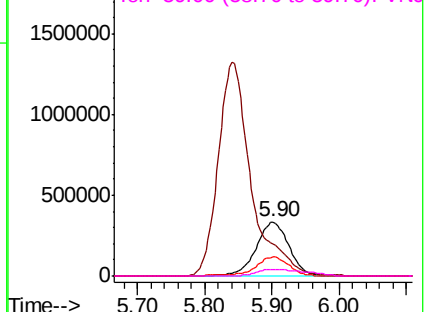
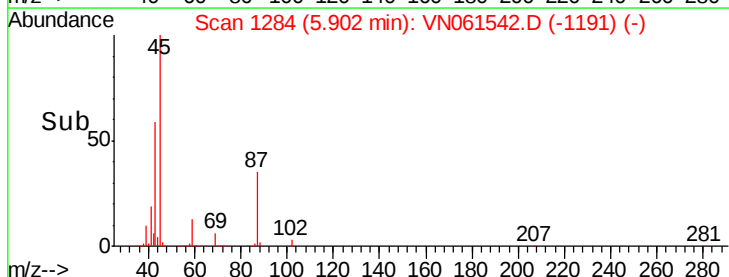
43 58.1 47.9 71.9

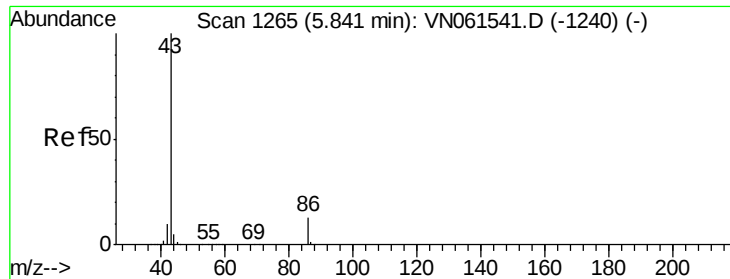
87 34.7 28.4 42.6

59 12.6 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VN061542.D (-1191) (-)

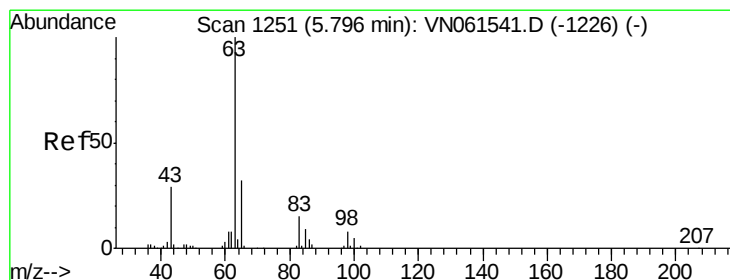
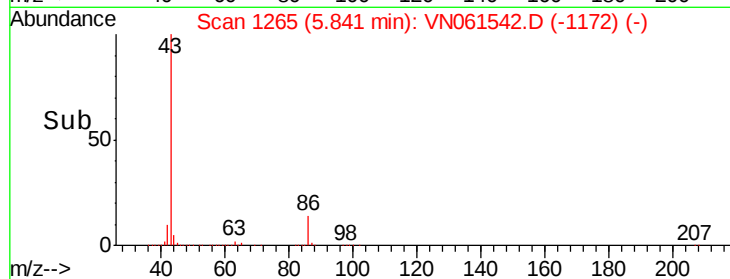
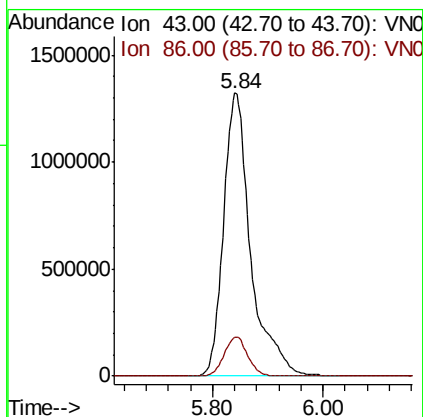
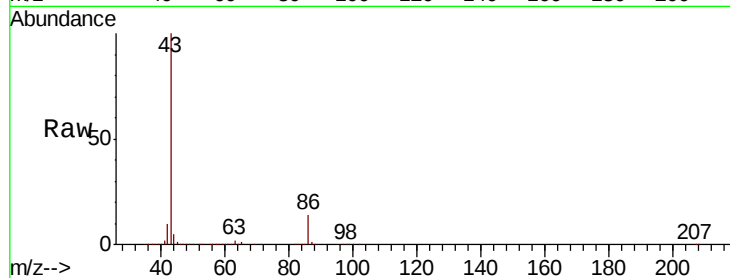




#23  
 Vinyl Acetate  
 Concen: 394.067 ug/l  
 RT: 5.84 min Scan# 1265  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

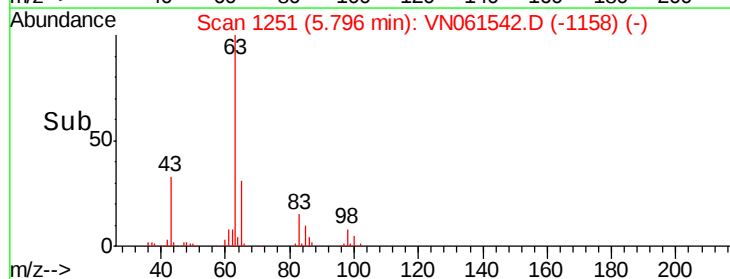
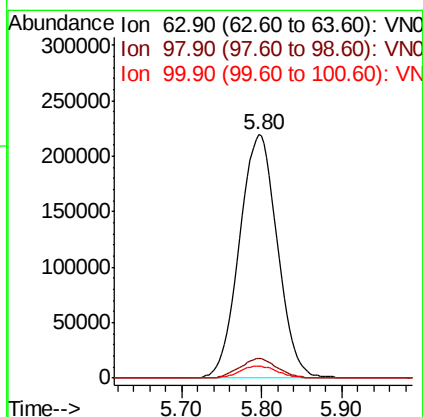
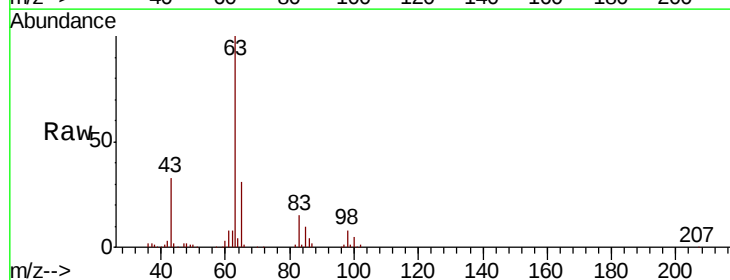
Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDIC100

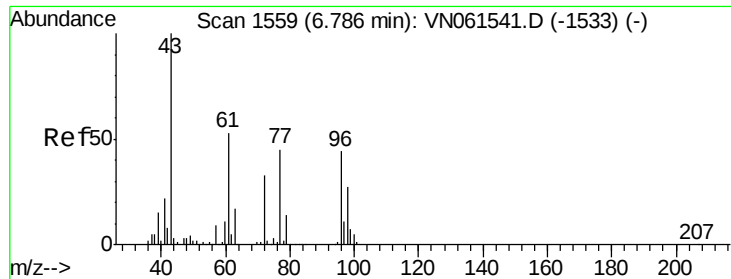
Tot Ion: 43 Resp: 4519583  
 Ion Ratio Lower Upper  
 43 100  
 86 13.9 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 83.403 ug/l  
 RT: 5.80 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion: 63 Resp: 708191  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.8 11.4  
 100 4.8 2.5 7.6

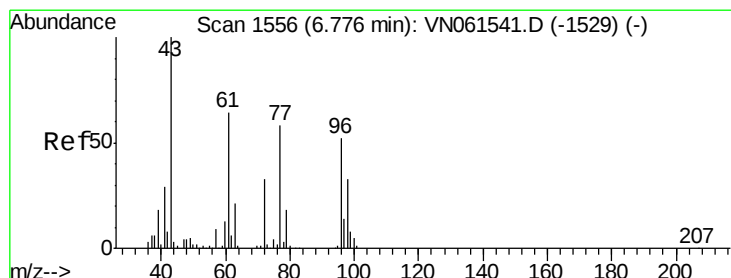
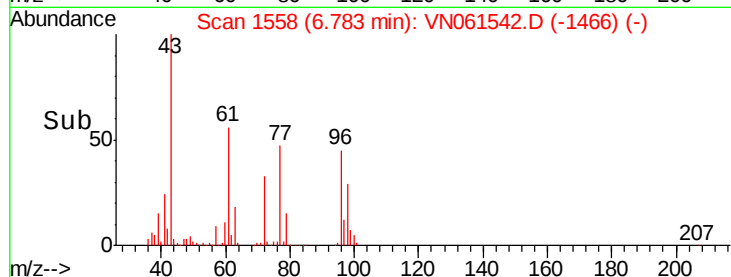
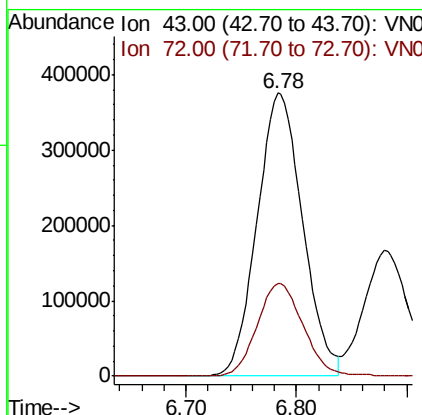
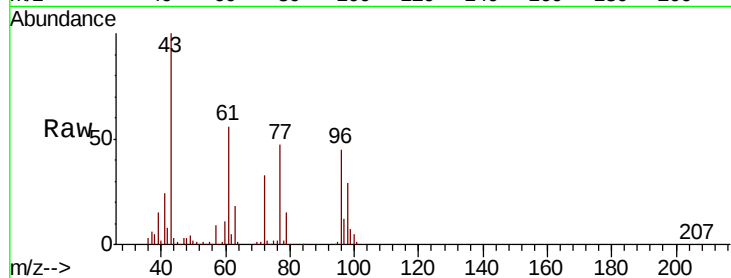




#25  
 2-Butanone  
 Concen: 407.293 ug/l  
 RT: 6.78 min Scan# 1558  
 Delta R.T. -0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

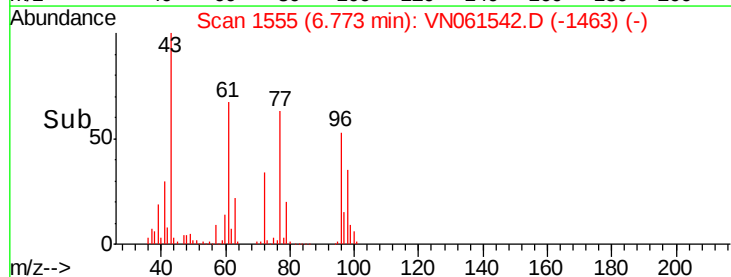
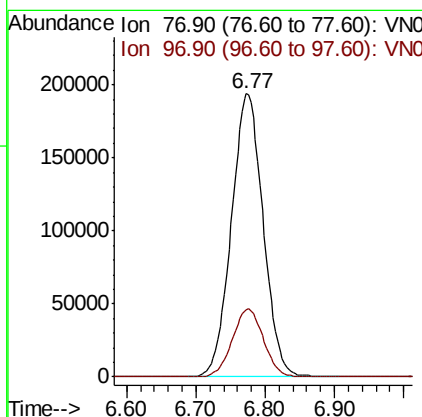
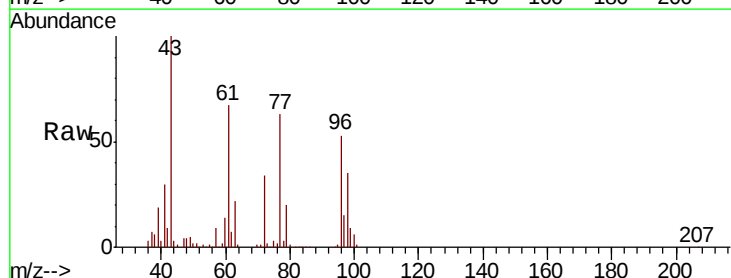
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tot Ion: 43 Resp: 1072965  
 Ion Ratio Lower Upper  
 43 100  
 72 33.0 26.0 39.0



#26  
 2,2-Dichloropropane  
 Concen: 76.815 ug/l  
 RT: 6.77 min Scan# 1555  
 Delta R.T. -0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion: 77 Resp: 618225  
 Ion Ratio Lower Upper  
 77 100  
 97 23.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 91.785 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

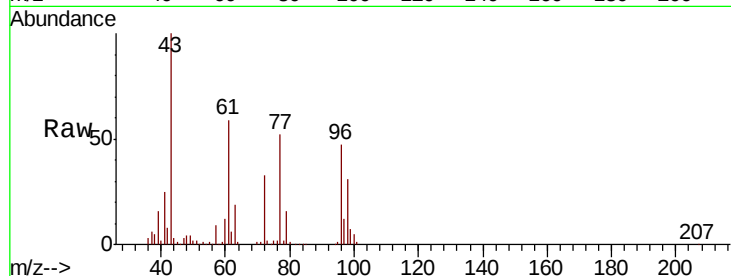
Tot Ion: 96 Resp: 505838

Ion Ratio Lower Upper

96 100

61 126.4 0.0 252.2

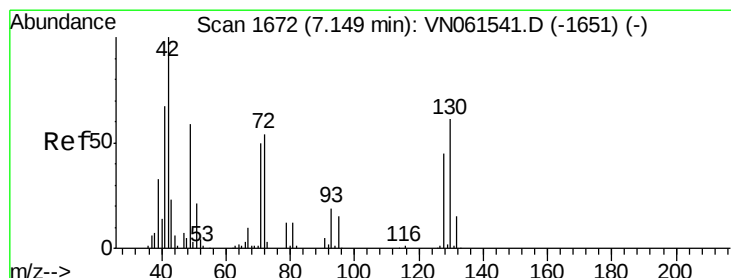
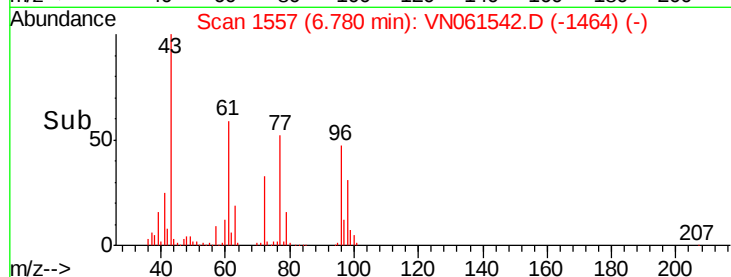
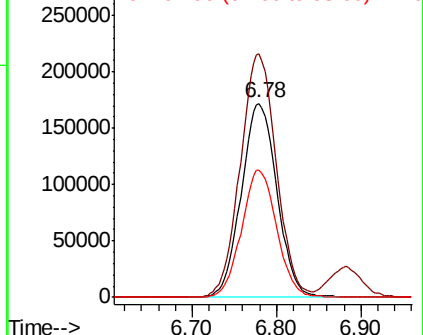
98 64.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061541.D (-1532) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1532) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1532) (-)



#28

Bromochloromethane

Concen: 78.368 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

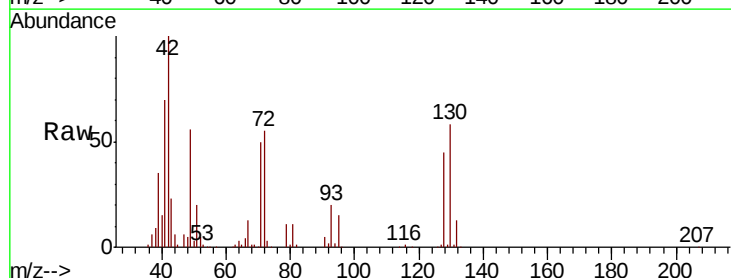
Tgt Ion: 49 Resp: 275185

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

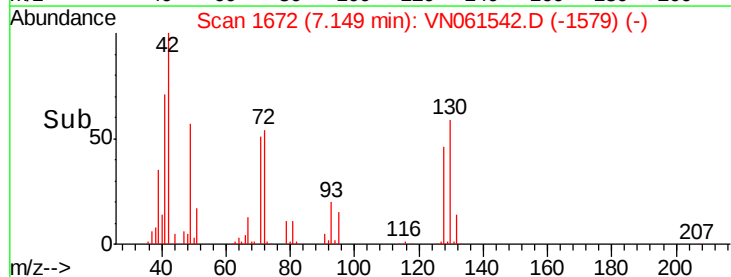
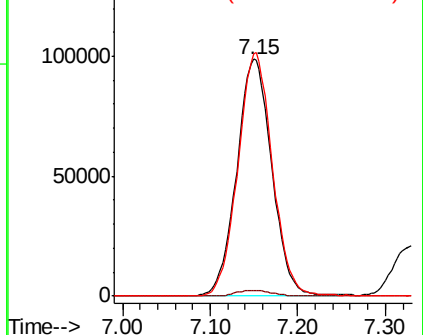
130 100.7 78.8 118.2

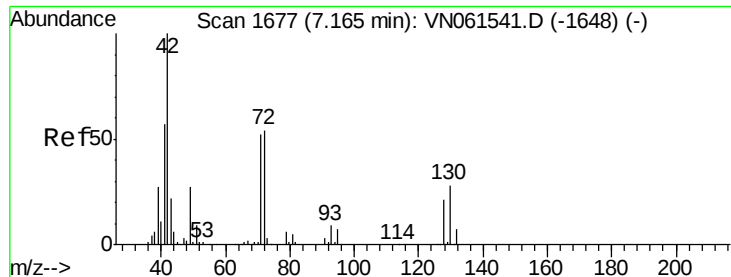


Abundance Ion 48.90 (48.60 to 49.60): VN061541.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN061541.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN061541.D (-1651) (-)

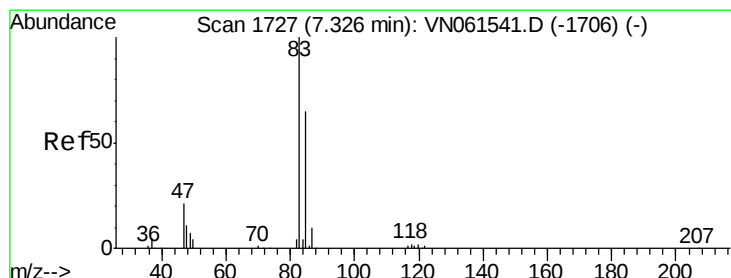
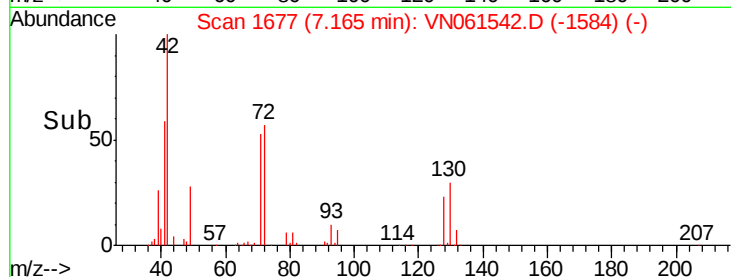
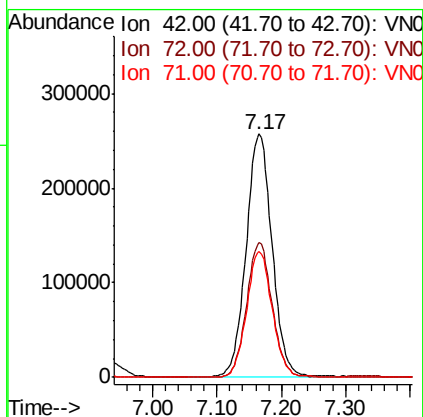
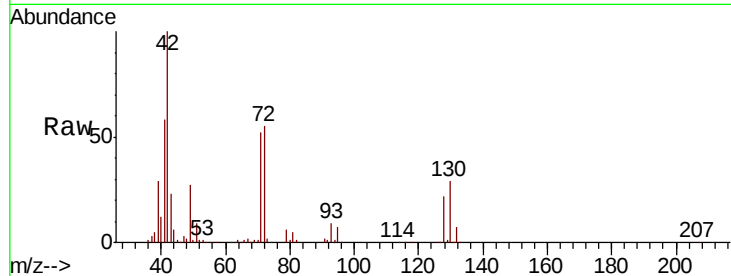




#29  
Tetrahydrofuran  
Concen: 412.760 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

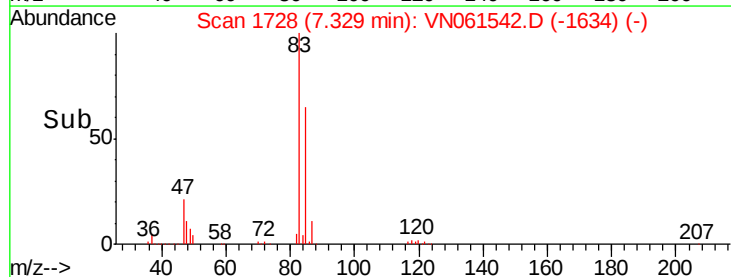
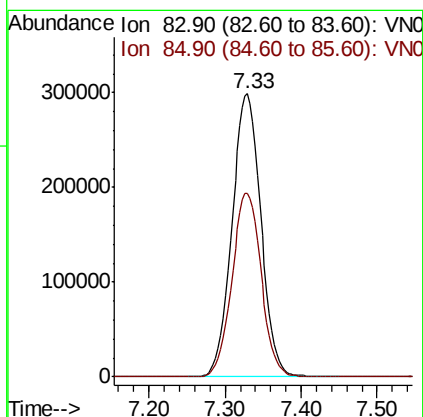
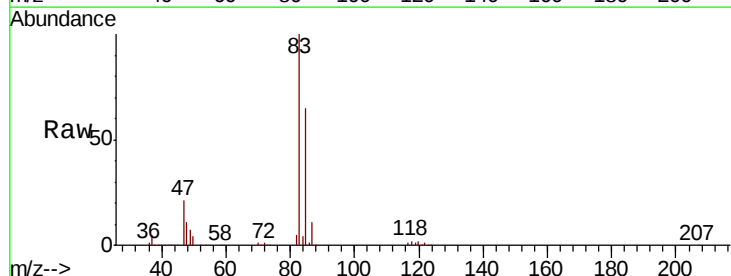
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tot Ion: 42 Resp: 720101  
Ion Ratio Lower Upper  
42 100  
72 54.3 43.6 65.4  
71 51.1 41.2 61.8



#30  
Chloroform  
Concen: 88.464 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion: 83 Resp: 788884  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.7 77.5





#31

Cyclohexane

Concen: 77.603 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

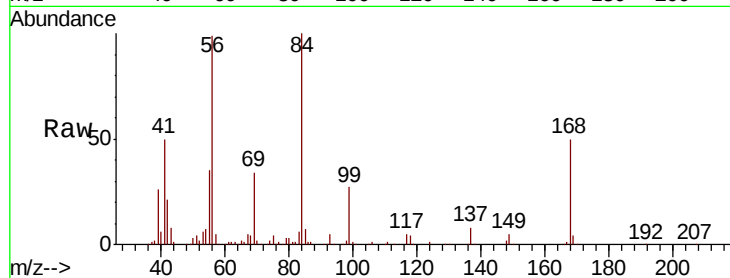
Tot Ion: 56 Resp: 626434

Ion Ratio Lower Upper

56 100

69 34.7 27.8 41.8

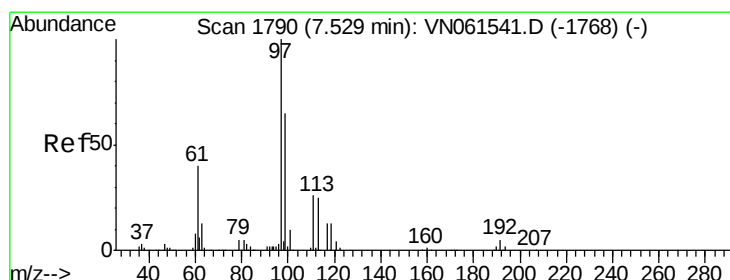
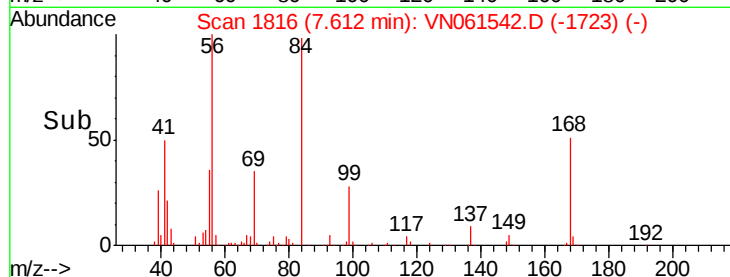
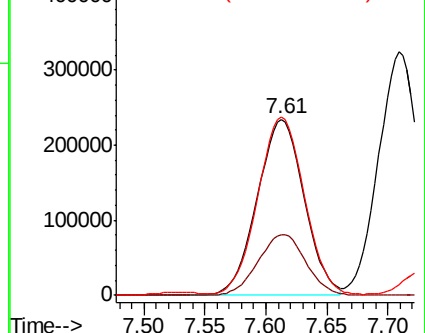
84 99.6 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 89.305 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

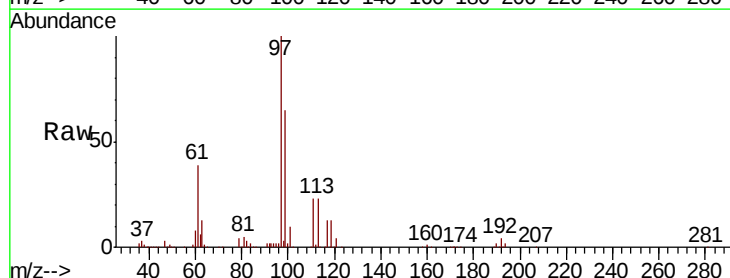
Tgt Ion: 97 Resp: 728610

Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

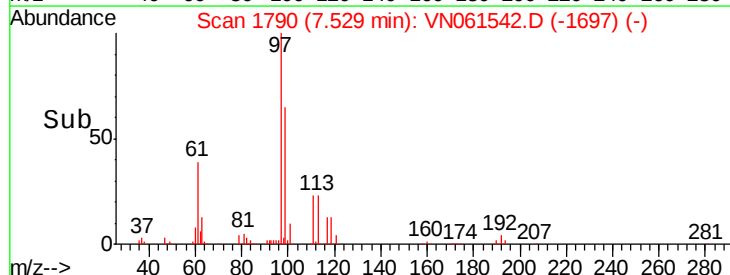
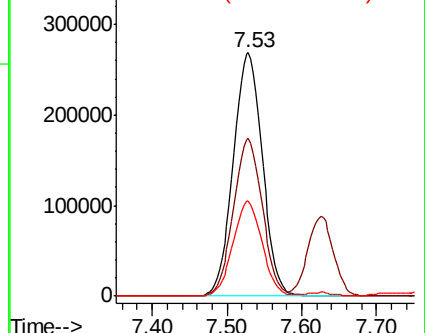
61 38.9 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061541.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1768) (-)

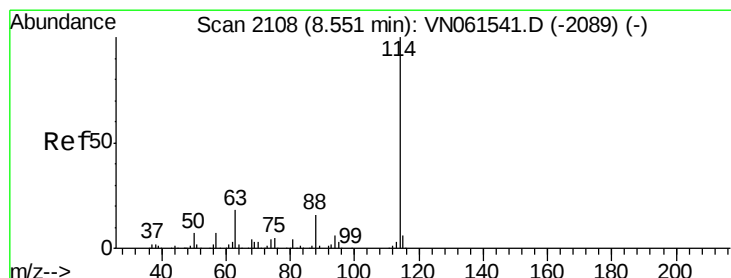
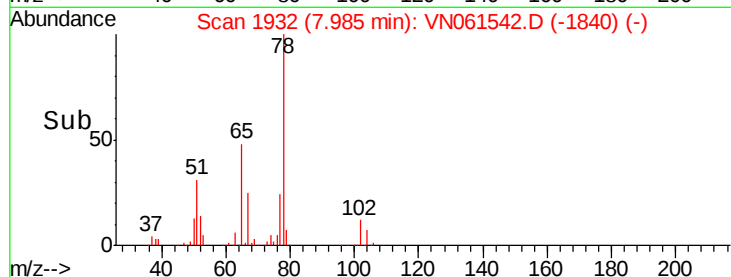
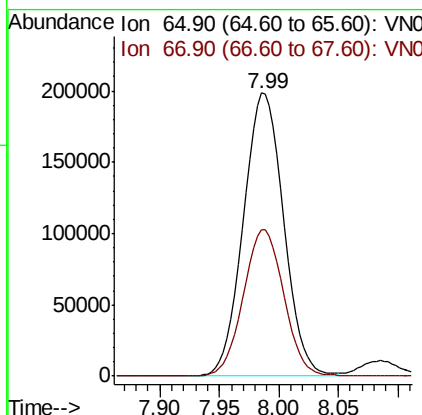
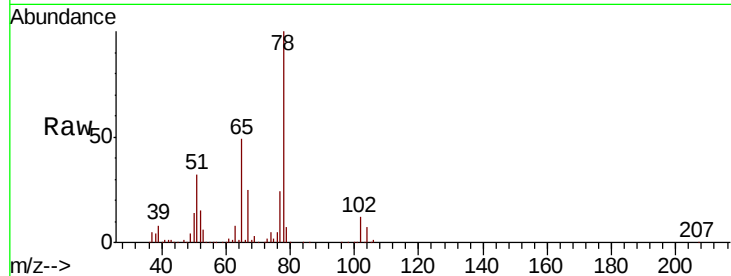




#33  
 1,2-Dichloroethane-d4  
 Concen: 80.553 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

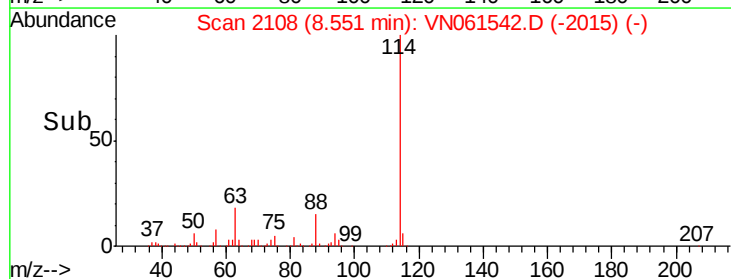
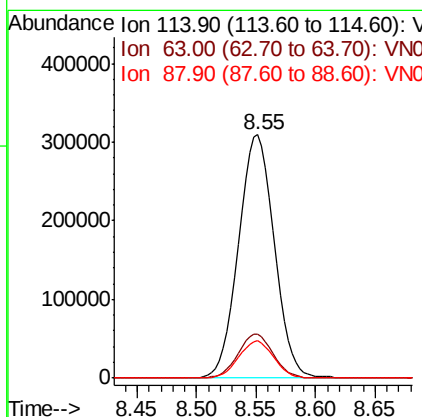
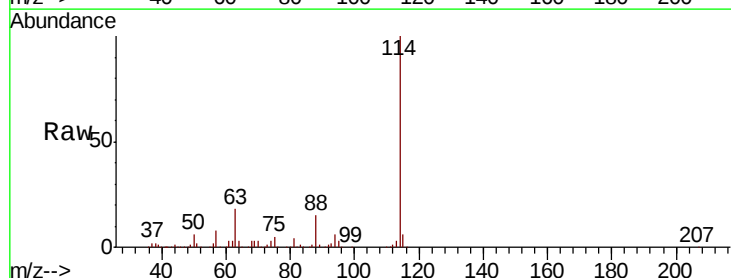
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

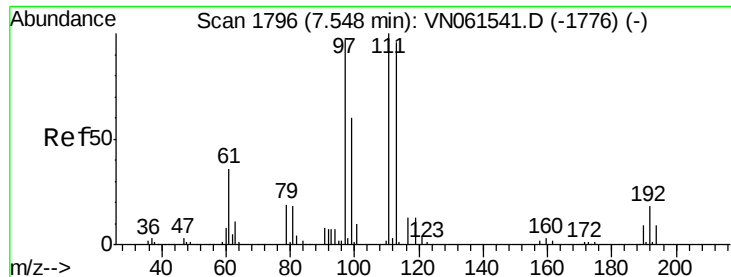
Tot Ion: 65 Resp: 466421  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion: 114 Resp: 645848  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 35.8  
 88 15.2 0.0 31.0

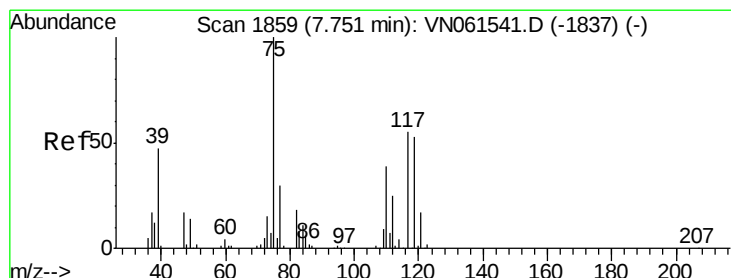
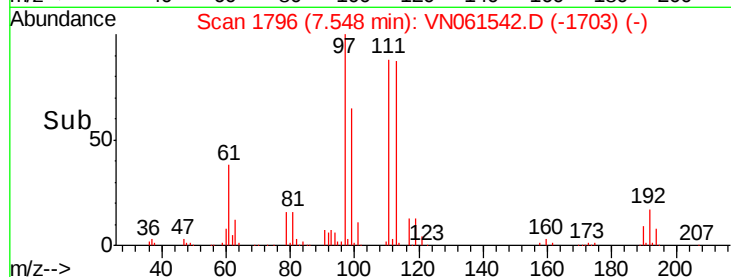
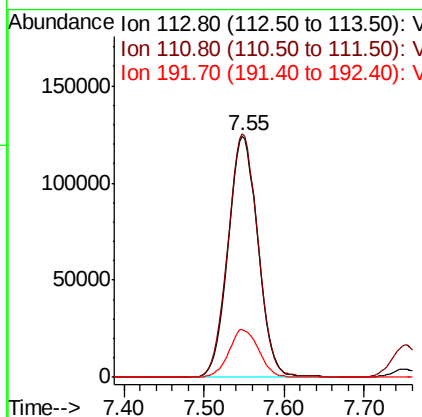
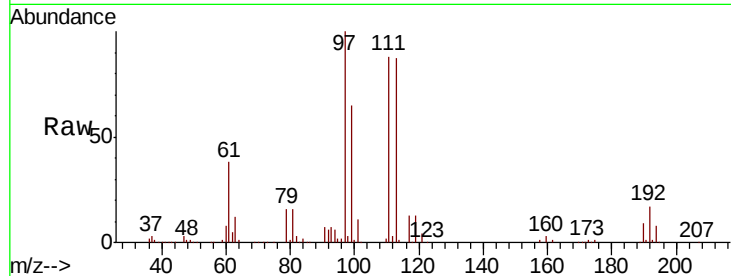




#35  
 Dibromofluoromethane  
 Concen: 92.254 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

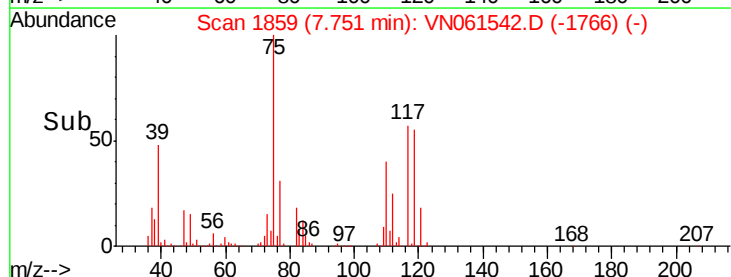
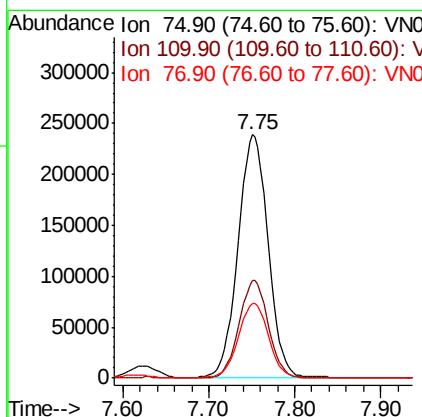
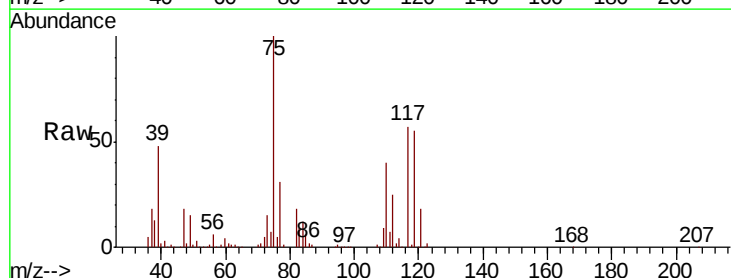
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tot Ion:113 Resp: 313772  
 Ion Ratio Lower Upper  
 113 100  
 111 101.3 83.4 125.0  
 192 19.7 15.4 23.2



#36  
 1,1-Dichloropropene  
 Concen: 97.456 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion: 75 Resp: 579912  
 Ion Ratio Lower Upper  
 75 100  
 110 39.0 19.5 58.5  
 77 31.2 24.7 37.1

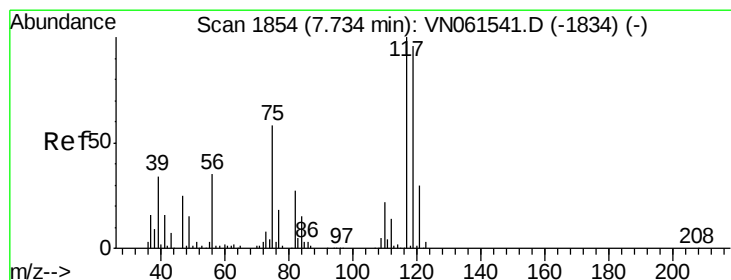
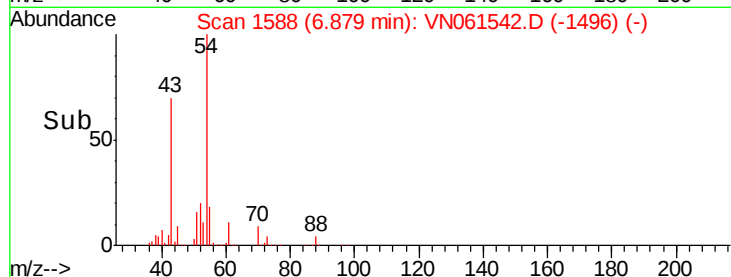
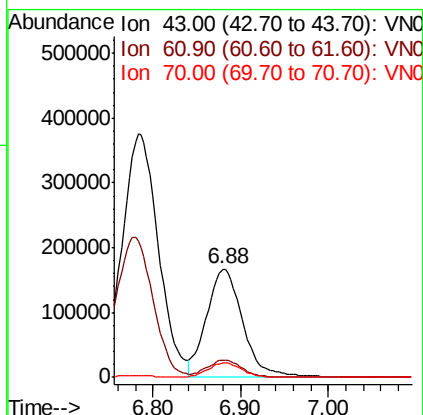
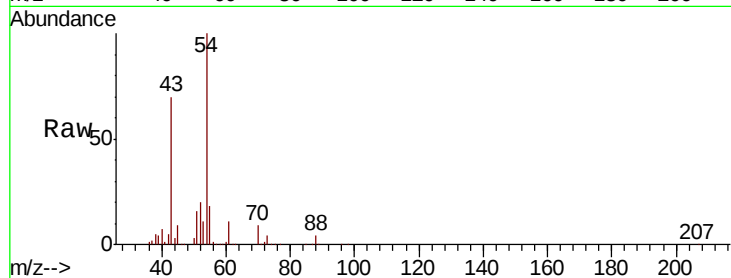




#37  
Ethyl Acetate  
Concen: 87.952 ug/l  
RT: 6.88 min Scan# 1588  
Delta R.T. -0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

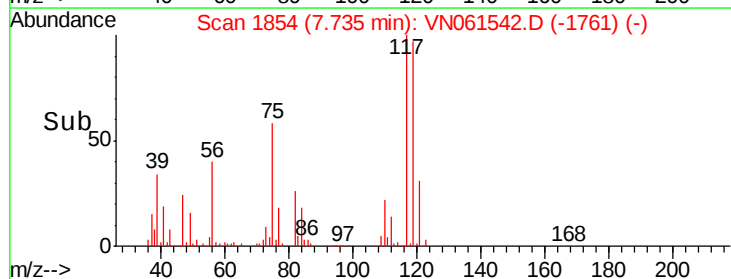
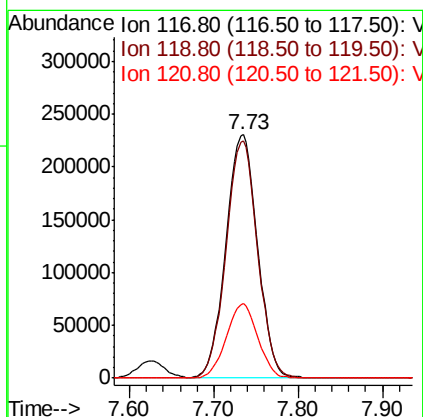
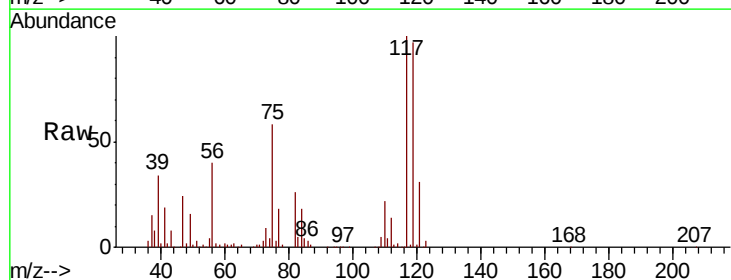
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

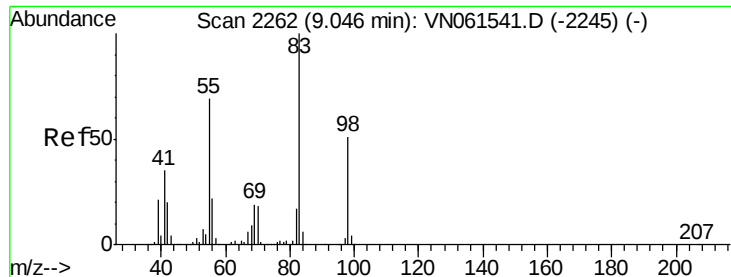
Tot Ion: 43 Resp: 473649  
Ion Ratio Lower Upper  
43 100  
61 15.3 12.2 18.4  
70 12.6 9.4 14.2



#38  
Carbon Tetrachloride  
Concen: 108.780 ug/l  
RT: 7.73 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion: 117 Resp: 598867  
Ion Ratio Lower Upper  
117 100  
119 97.5 76.5 114.7  
121 30.6 24.1 36.1

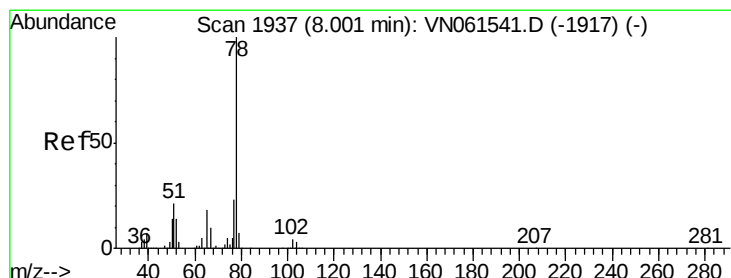
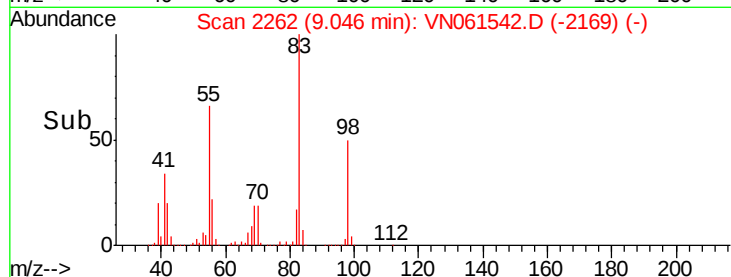
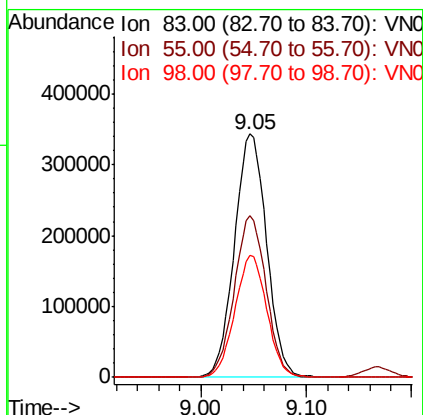
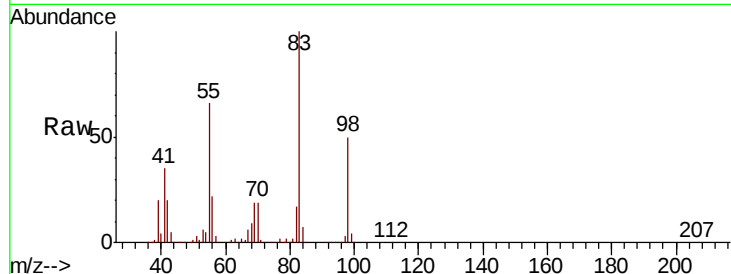




#39  
Methvlcvclohexane  
Concen: 100.002 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

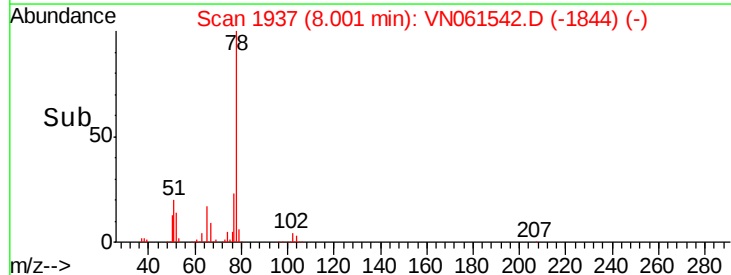
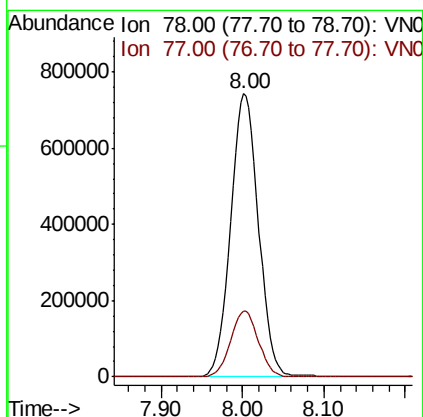
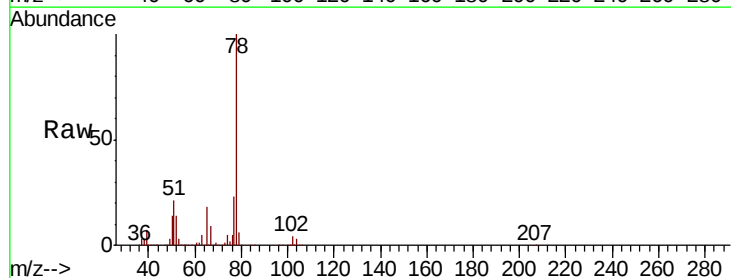
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

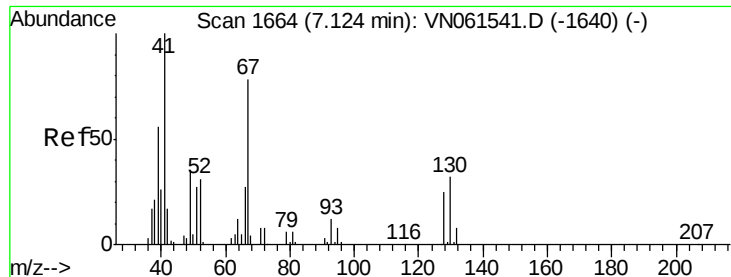
Tot Ion: 83 Resp: 728515  
Ion Ratio Lower Upper  
83 100  
55 66.2 54.9 82.3  
98 49.9 41.0 61.4



#40  
Benzene  
Concen: 98.506 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion: 78 Resp: 1769636  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.6 28.0

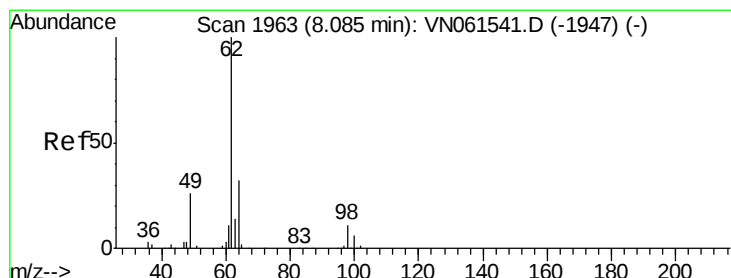
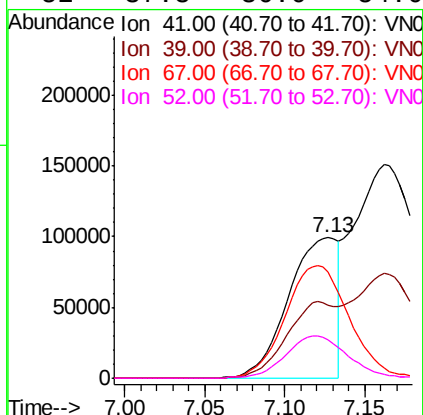
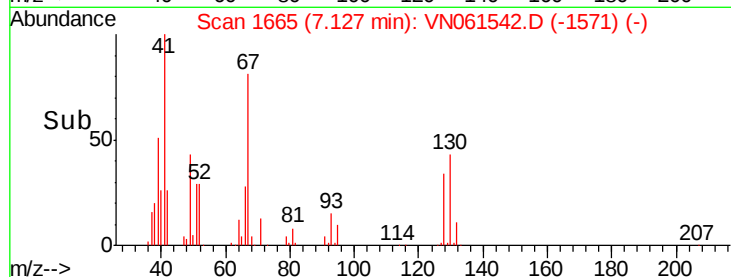
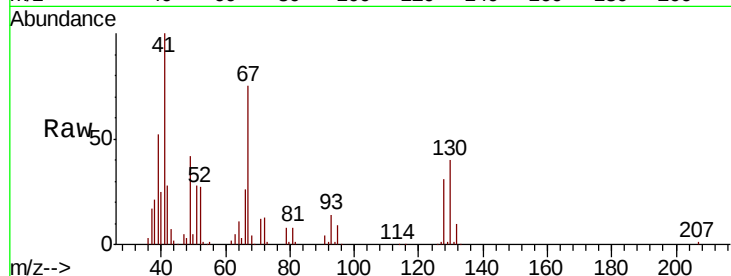




#41  
Methacrylonitrile  
Concen: 96.502 ug/l  
RT: 7.13 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

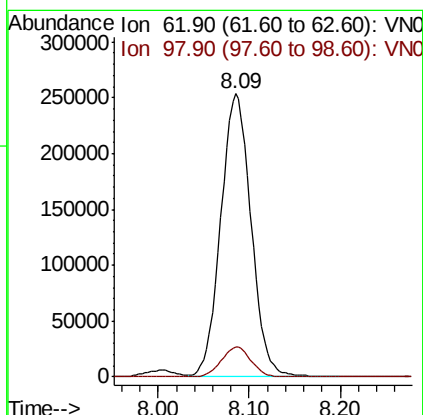
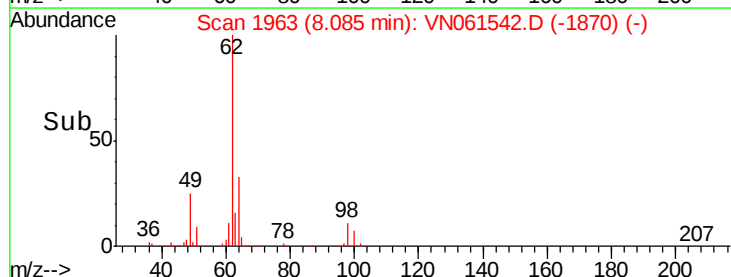
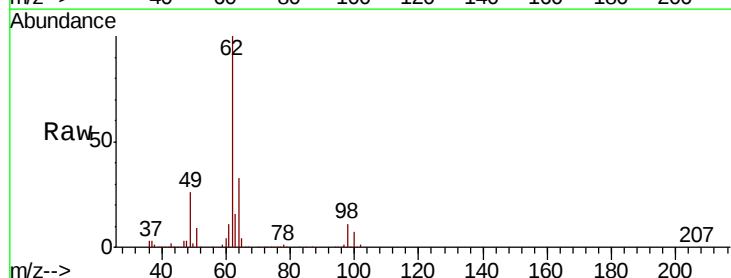
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

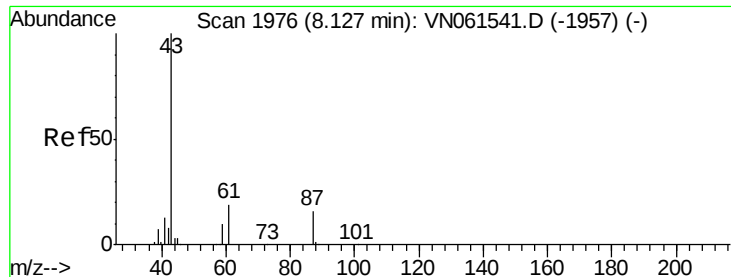
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 49.8  | 53.8  | 80.6# |
| 67      | 104.5 | 91.1  | 136.7 |
| 52      | 37.8  | 36.0  | 54.0  |



#42  
1,2-Dichloroethane  
Concen: 91.331 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.4  | 0.0   | 21.4  |





#43

Isopropyl Acetate

Concen: 89.052 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

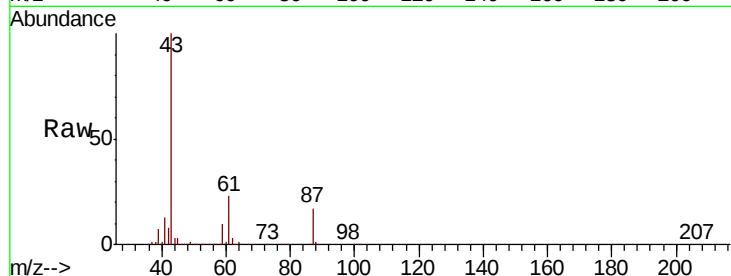
Tot Ion: 43 Resp: 830001

Ion Ratio Lower Upper

43 100

61 29.4 23.6 35.4

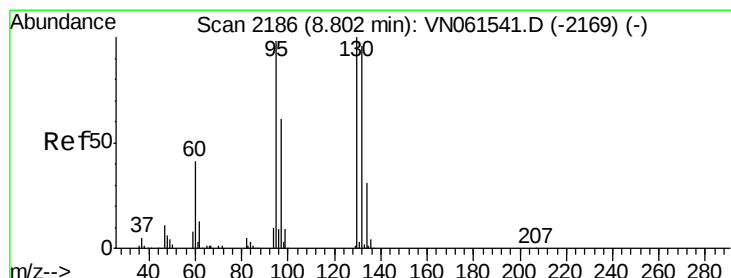
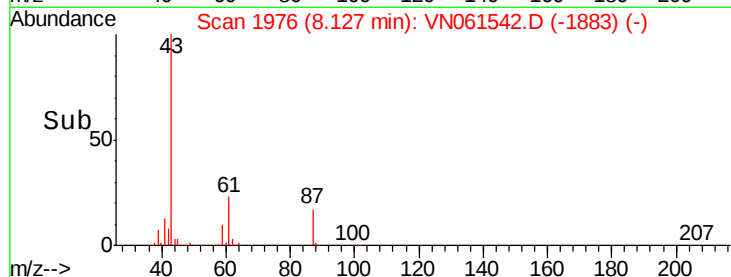
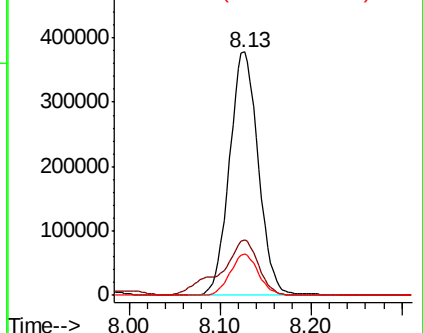
87 16.8 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061542.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061542.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061542.D (-1957) (-)



#44

Trichloroethene

Concen: 114.579 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061542.D

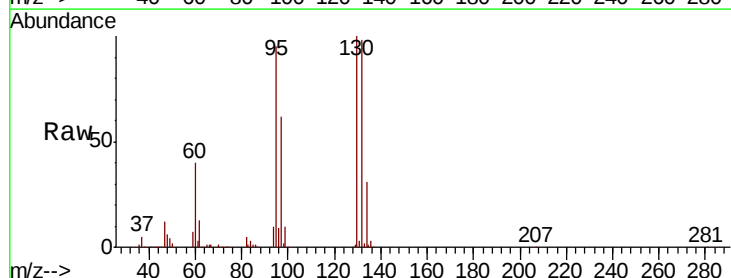
Acq: 28 May 2020 19:19

Tgt Ion: 130 Resp: 556770

Ion Ratio Lower Upper

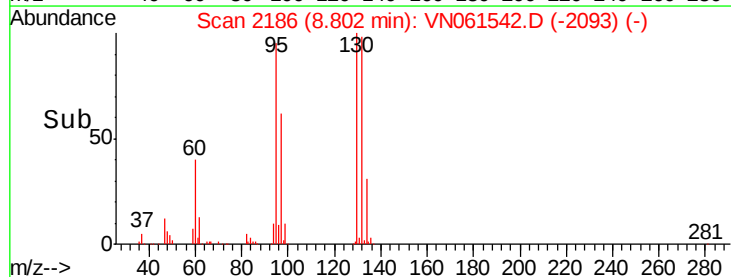
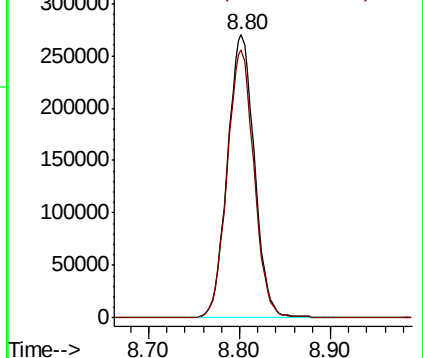
130 100

95 94.6 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061542.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061542.D (-2093) (-)

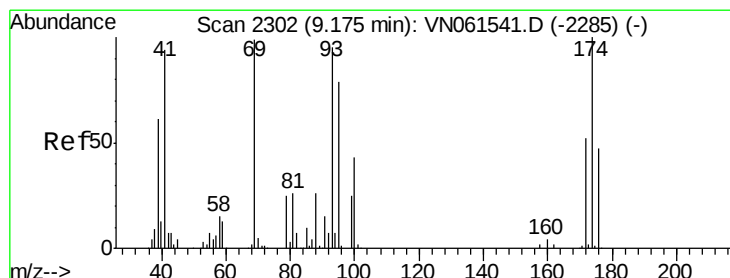
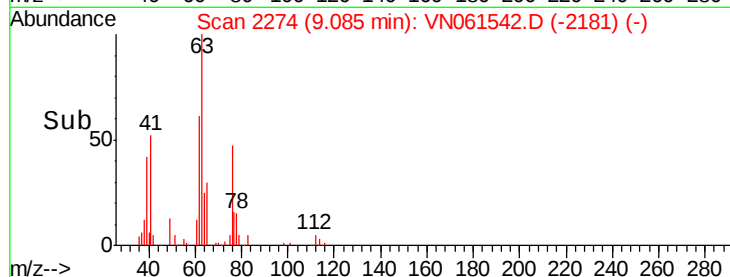
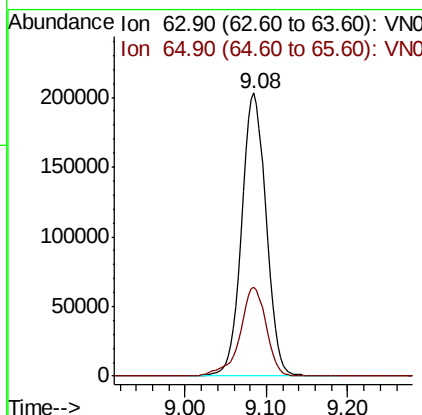
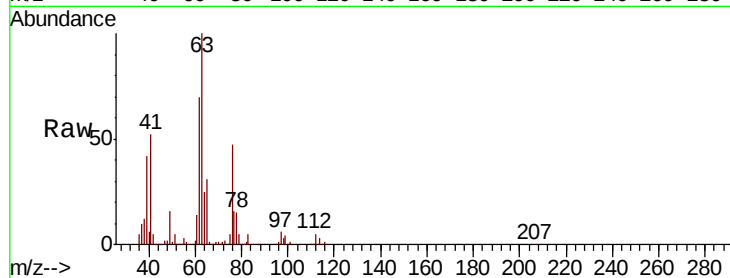




#45  
 1,2-Dichloropropane  
 Concen: 93.845 ug/l  
 RT: 9.08 min Scan# 2274  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

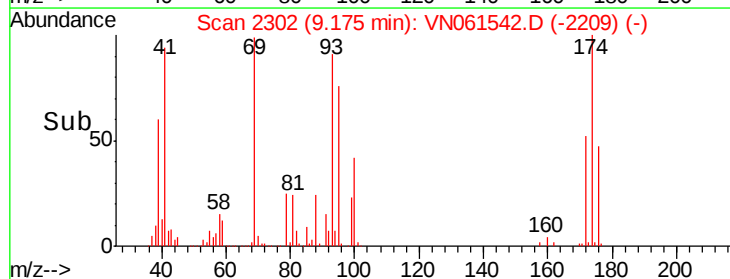
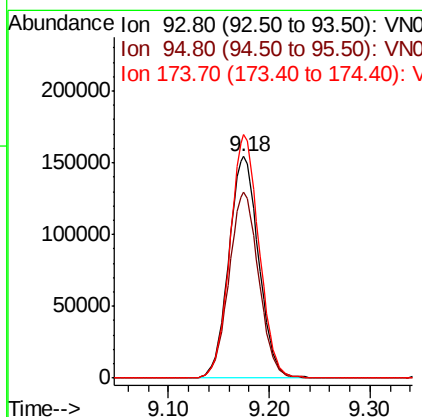
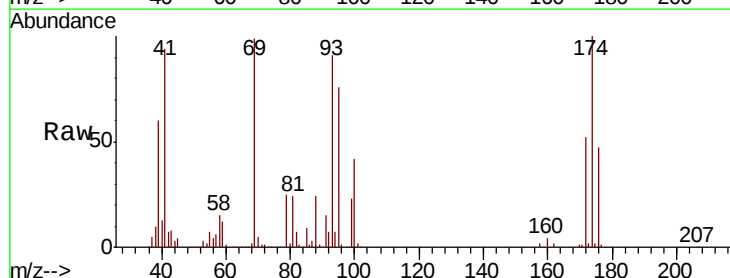
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tot Ion: 63 Resp: 418891  
 Ion Ratio Lower Upper  
 63 100  
 65 31.5 24.7 37.1



#46  
 Dibromomethane  
 Concen: 100.142 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion: 93 Resp: 317866  
 Ion Ratio Lower Upper  
 93 100  
 95 83.4 66.0 99.0  
 174 107.2 82.5 123.7





#47

Bromodichloromethane

Concen: 98.519 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

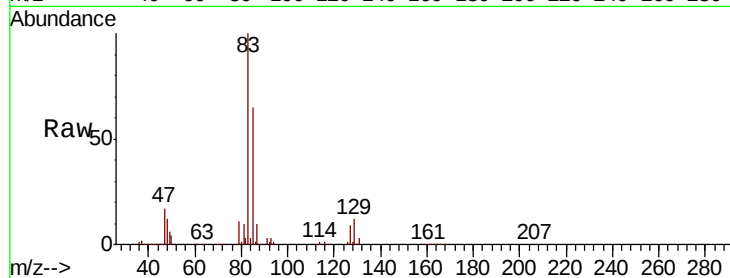
Tot Ion: 83 Resp: 651944

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

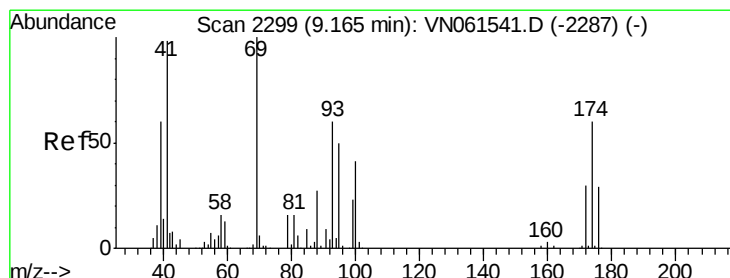
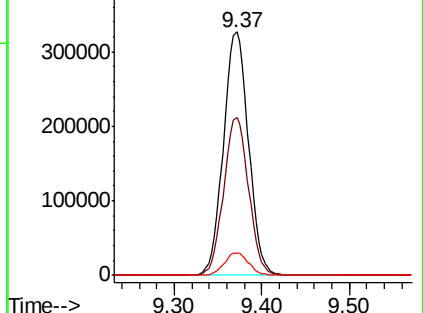
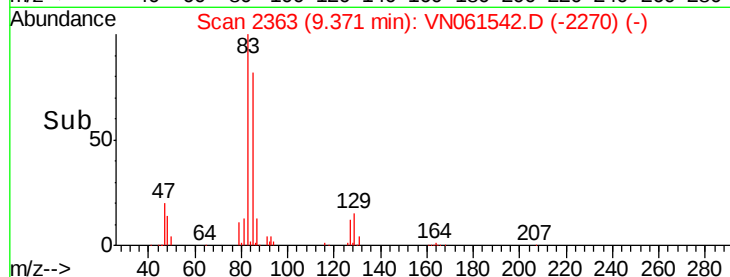
127 9.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061542.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061542.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061542.D (-2270) (-)



#48

Methyl methacrylate

Concen: 85.992 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

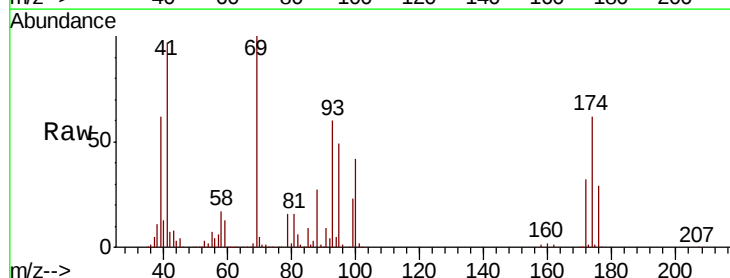
Tgt Ion: 41 Resp: 368035

Ion Ratio Lower Upper

41 100

69 105.4 83.9 125.9

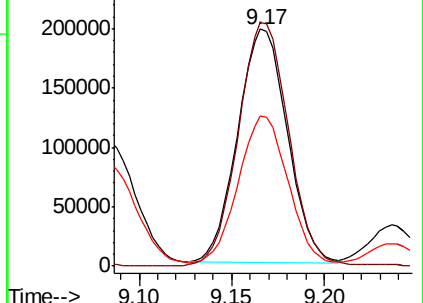
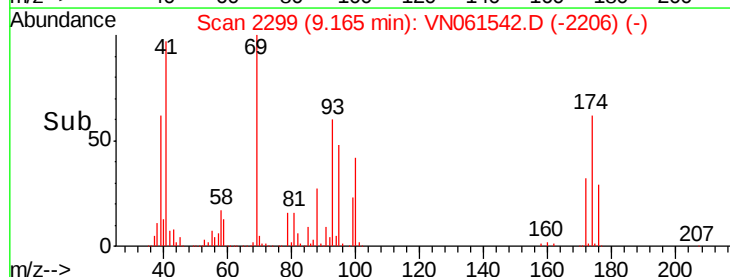
39 65.1 52.1 78.1

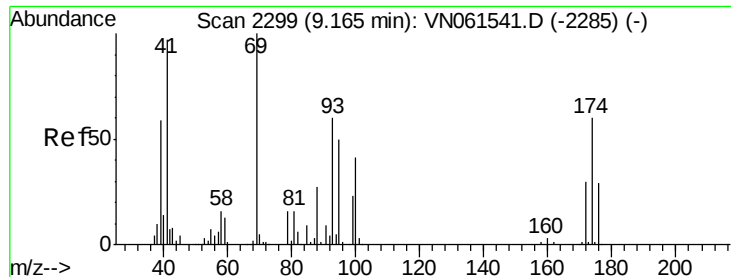


Abundance Ion 41.00 (40.70 to 41.70): VN061542.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061542.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061542.D (-2206) (-)





#49

1,4-Dioxane

Concen: 2092.047 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

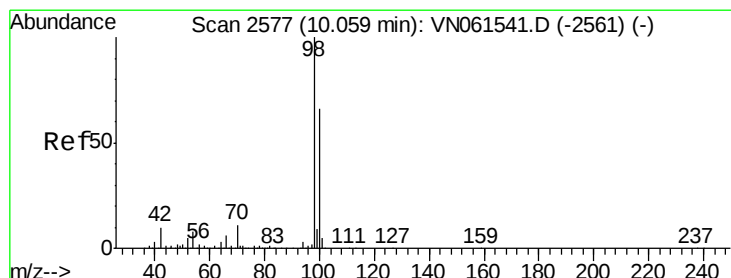
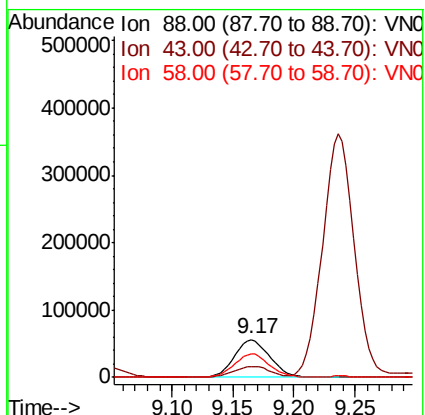
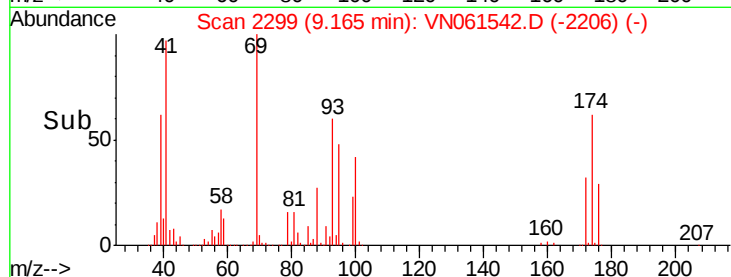
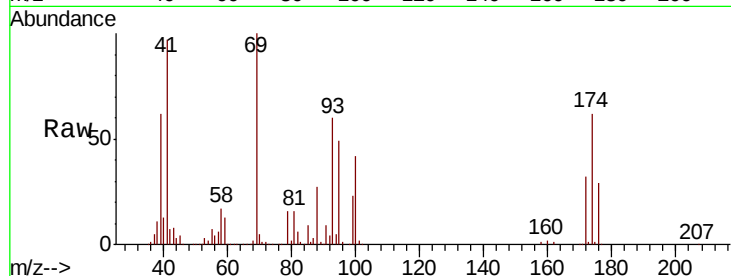
Tot Ion: 88 Resp: 112112

Ion Ratio Lower Upper

88 100

43 28.1 23.1 34.7

58 61.6 48.3 72.5



#50

Toluene-d8

Concen: 101.043 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061542.D

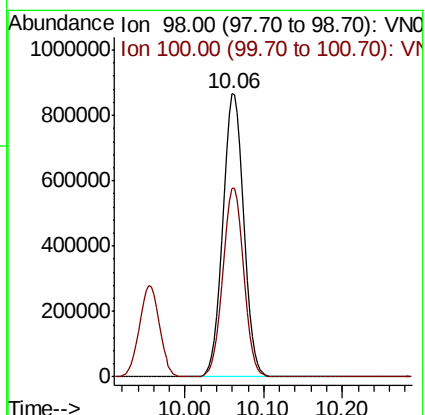
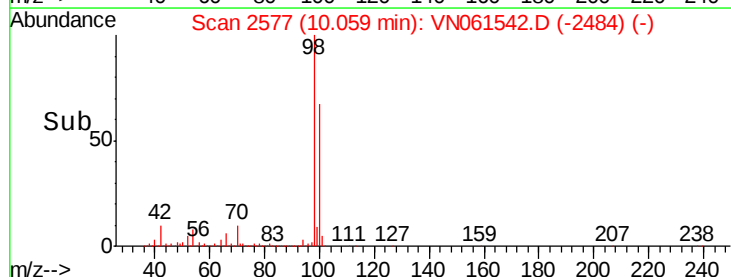
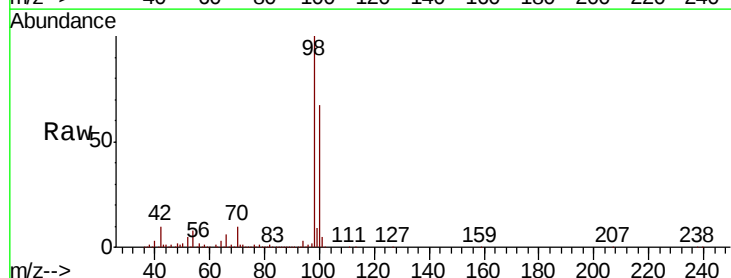
Acq: 28 May 2020 19:19

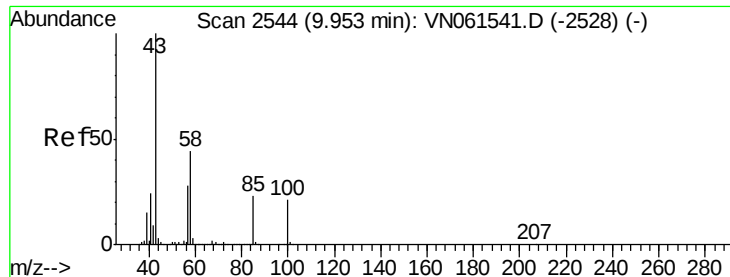
Tgt Ion: 98 Resp: 1589674

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2

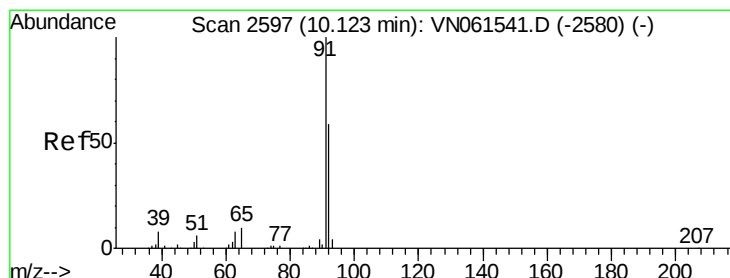
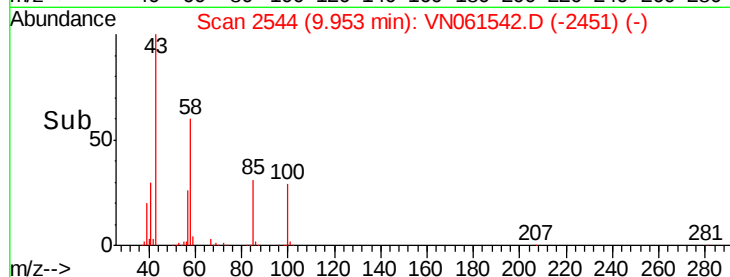
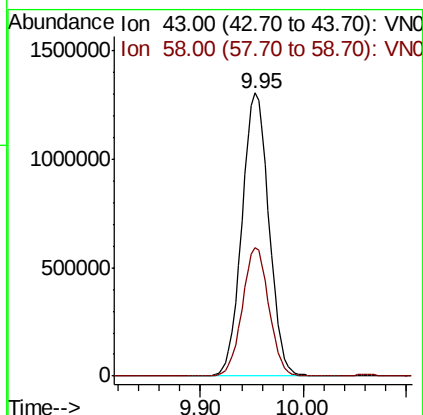
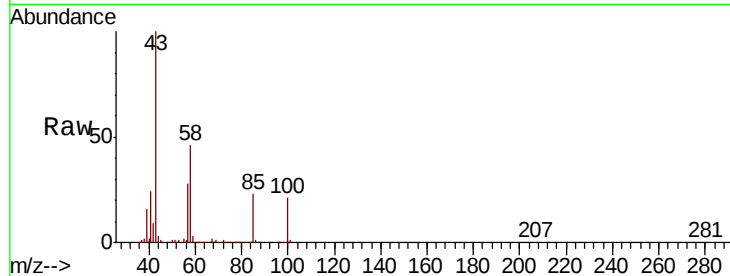




#51  
 4-Methyl-2-Pentanone  
 Concen: 466.654 ug/l  
 RT: 9.95 min Scan# 2544  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

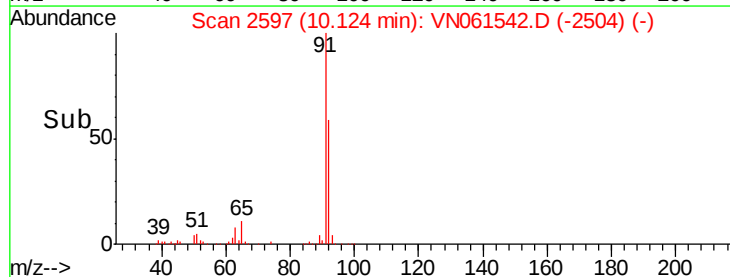
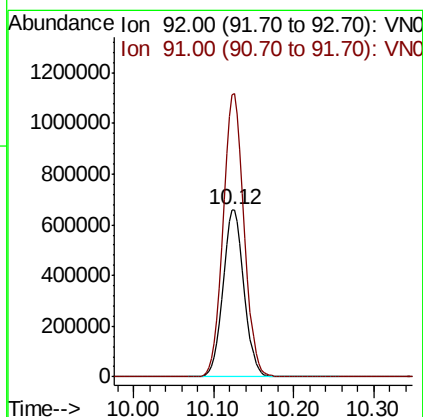
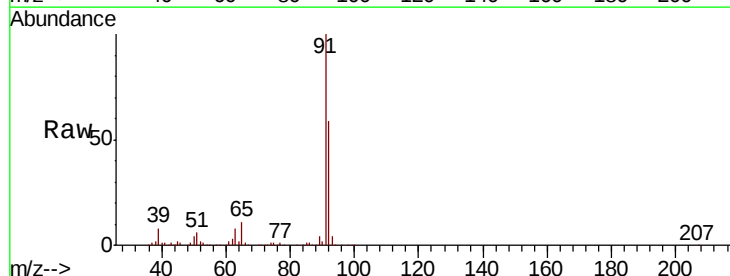
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tot Ion: 43 Resp: 2373231  
 Ion Ratio Lower Upper  
 43 100  
 58 44.7 35.0 52.6



#52  
 Toluene  
 Concen: 102.567 ug/l  
 RT: 10.12 min Scan# 2597  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion: 92 Resp: 1187051  
 Ion Ratio Lower Upper  
 92 100  
 91 169.4 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 99.722 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

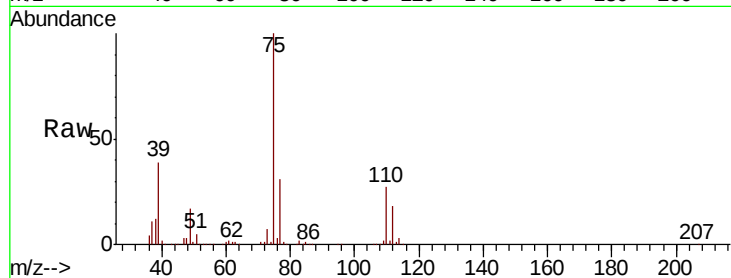
VSTDIC100

Tot Ion: 75 Resp: 719926

Ion Ratio Lower Upper

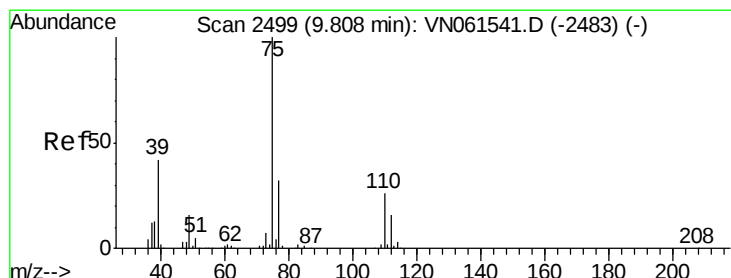
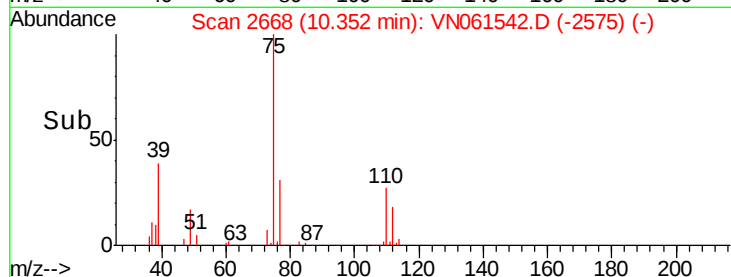
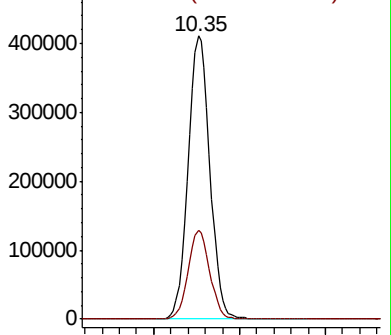
75 100

77 31.3 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN061542.D (-2653) (-)

Ion 76.90 (76.60 to 77.60): VN061542.D (-2653) (-)



#54

cis-1,3-Dichloropropene

Concen: 97.578 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

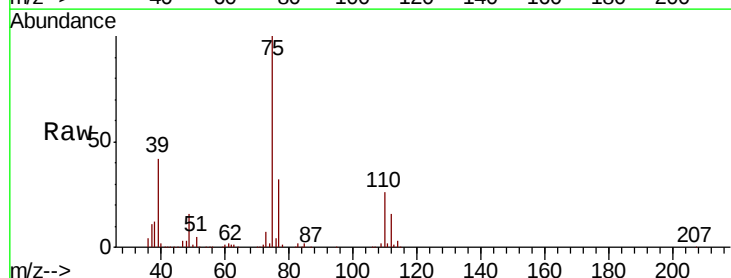
Tgt Ion: 75 Resp: 752930

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

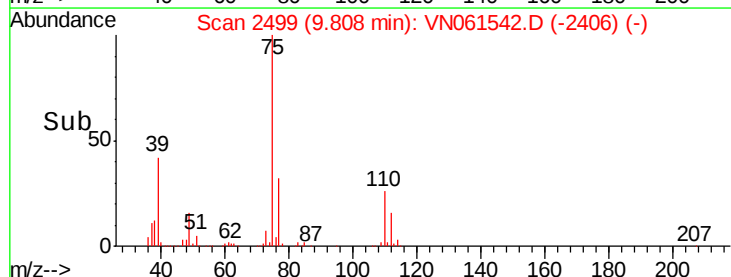
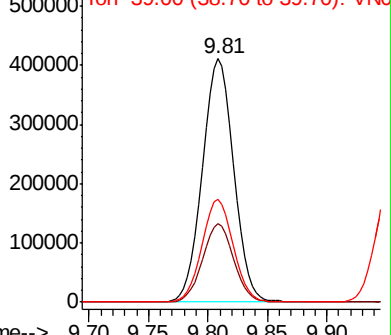
39 42.1 33.8 50.6

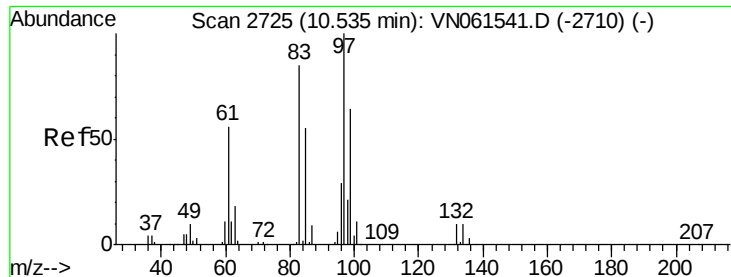


Abundance Ion 74.90 (74.60 to 75.60): VN061542.D (-2483) (-)

Ion 76.90 (76.60 to 77.60): VN061542.D (-2483) (-)

Ion 39.00 (38.70 to 39.70): VN061542.D (-2483) (-)

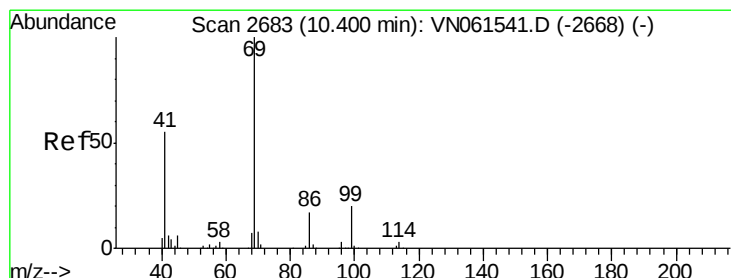
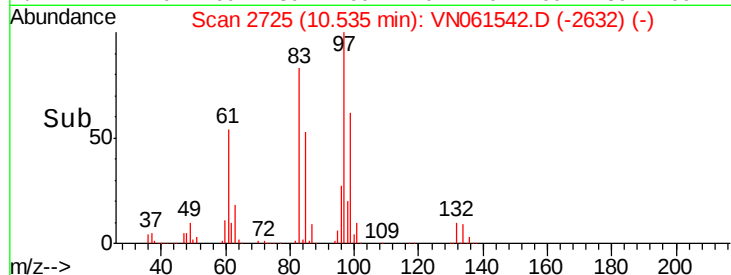
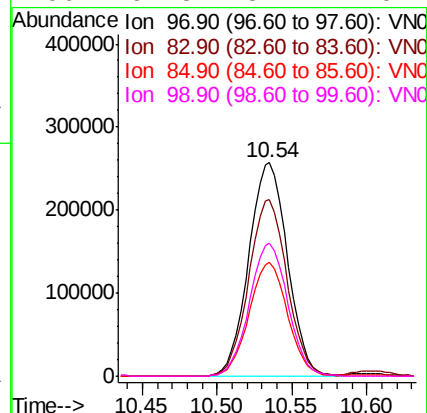
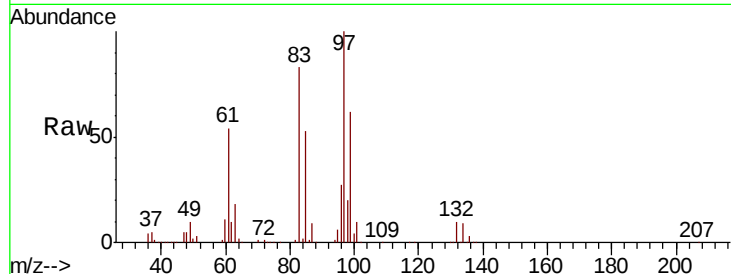




#55  
 1,1,2-Trichloroethane  
 Concen: 105.795 ug/l  
 RT: 10.54 min Scan# 2725  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

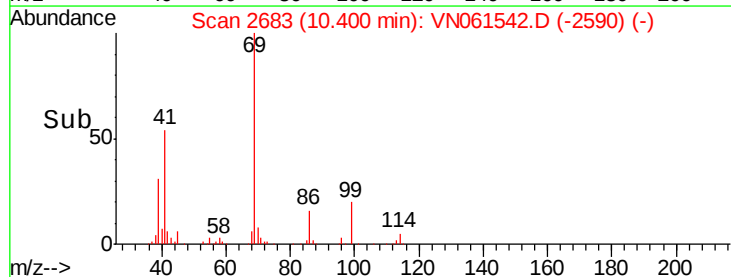
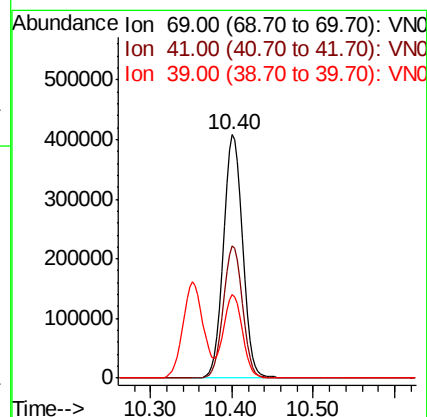
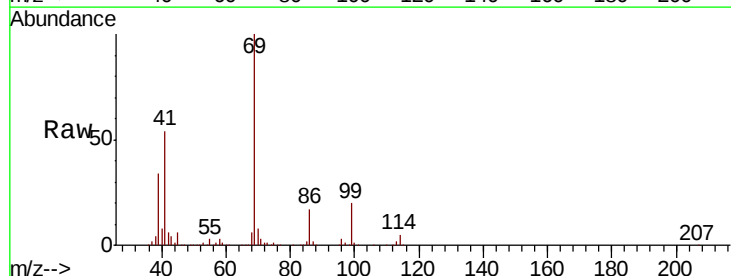
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

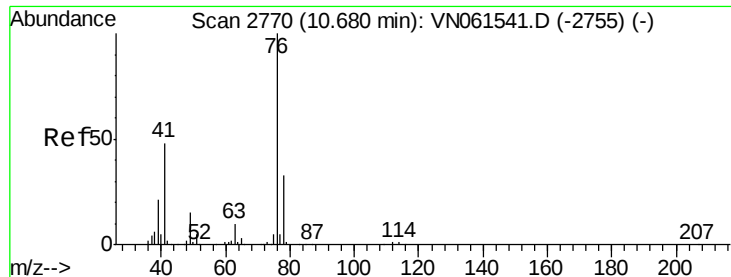
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 464602 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.6  | 68.1  | 102.1  |
| 85       | 53.2  | 44.1  | 66.1   |
| 99       | 62.3  | 51.1  | 76.7   |



#56  
 Ethyl methacrylate  
 Concen: 101.064 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 685369 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 54.2  | 43.5  | 65.3   |
| 39       | 34.2  | 27.0  | 40.6   |





#57

1,3-Dichloropropane

Concen: 98.270 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

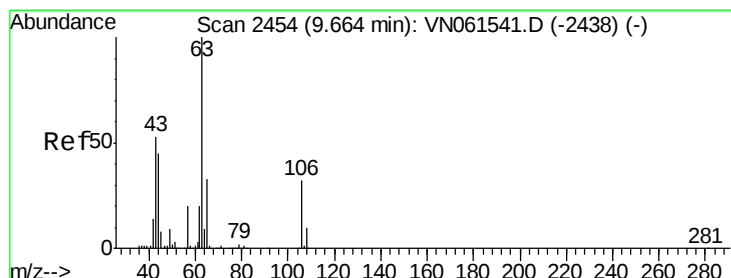
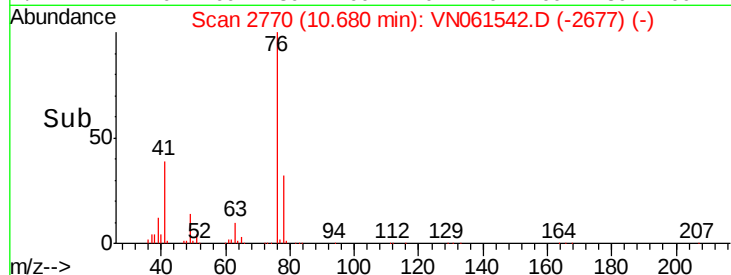
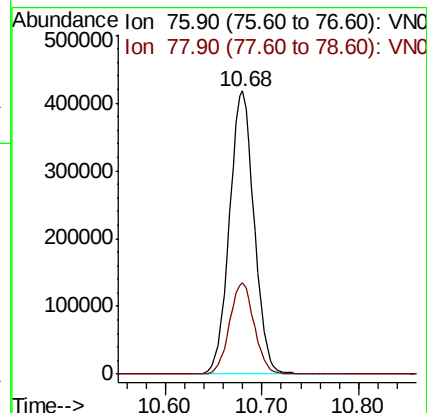
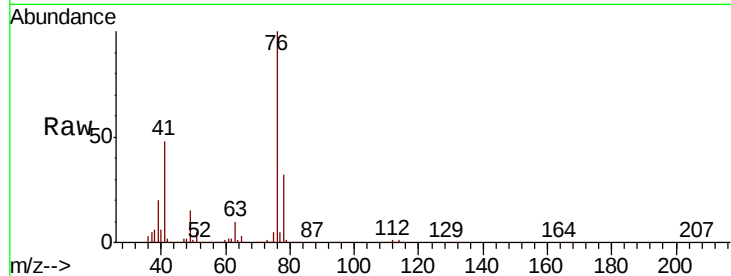
VSTDIC100

Tot Ion: 76 Resp: 738498

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 503.672 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061542.D

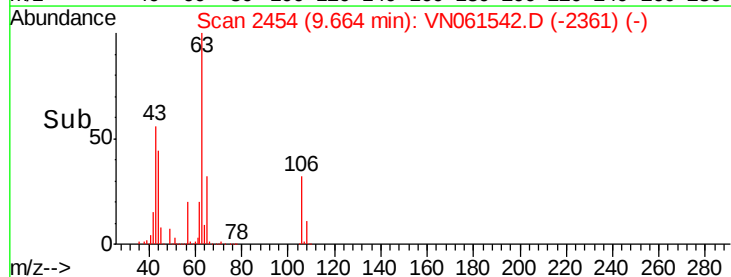
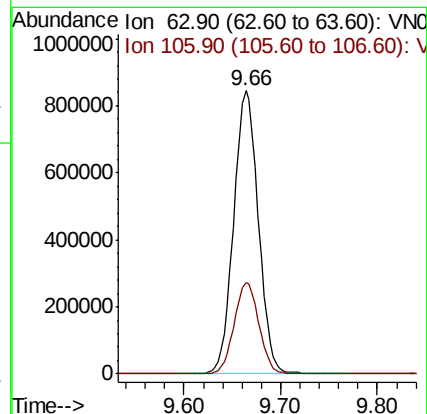
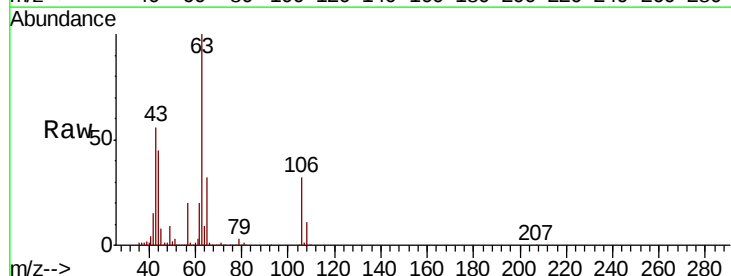
Acq: 28 May 2020 19:19

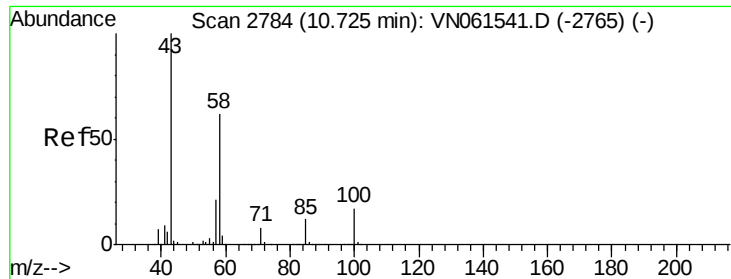
Tgt Ion: 63 Resp: 1498269

Ion Ratio Lower Upper

63 100

106 32.4 25.9 38.9

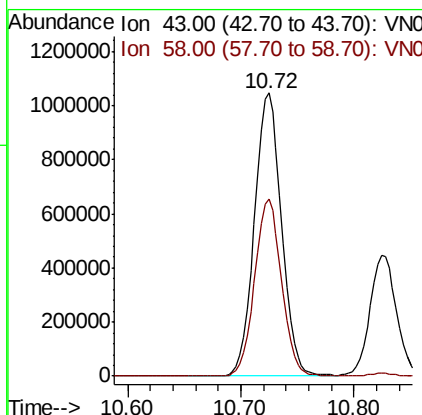
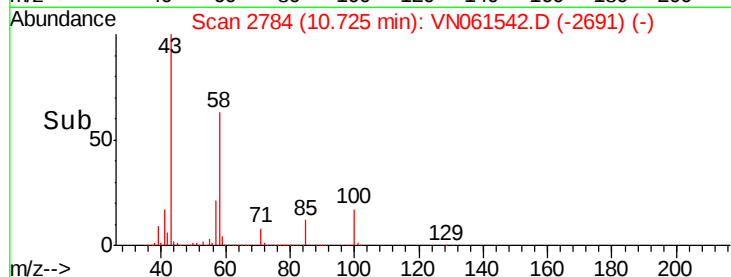
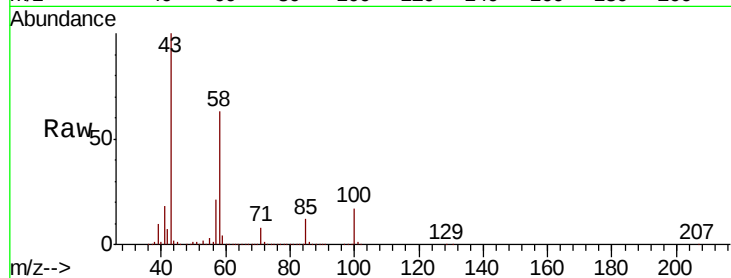




#59  
2-Hexanone  
Concen: 474.009 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

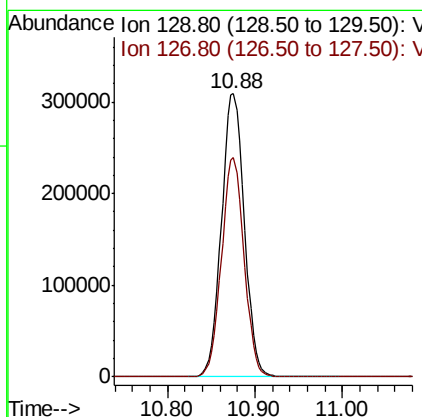
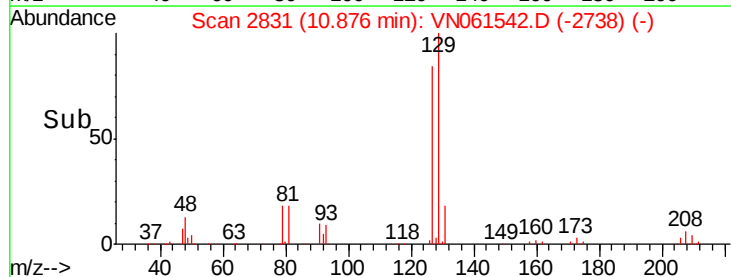
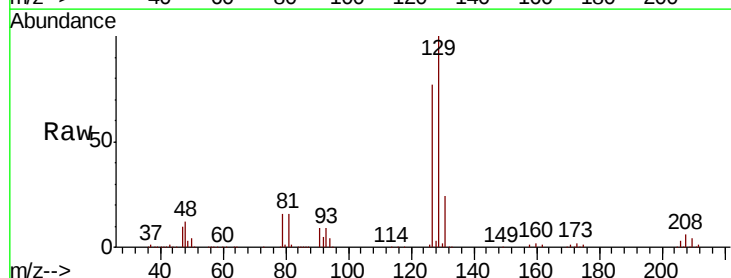
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

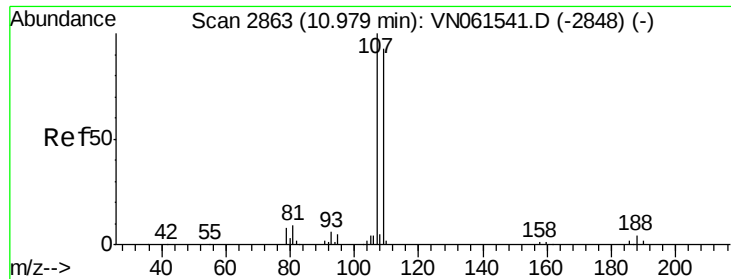
Tot Ion: 43 Resp: 1743071  
Ion Ratio Lower Upper  
43 100  
58 62.1 30.7 92.1



#60  
Dibromochloromethane  
Concen: 114.818 ug/l  
RT: 10.88 min Scan# 2831  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion: 129 Resp: 562202  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.8 116.3

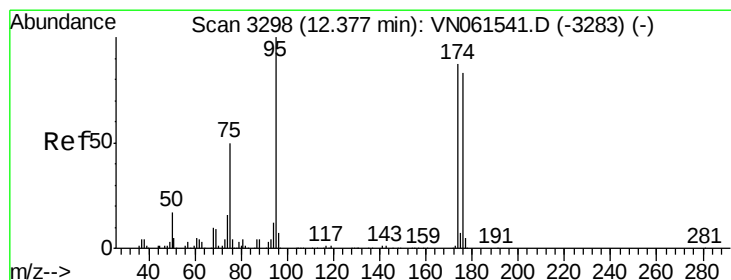
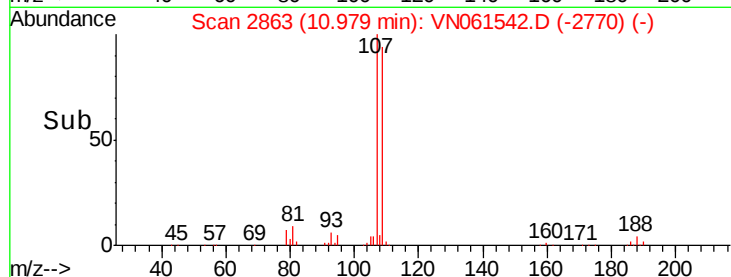
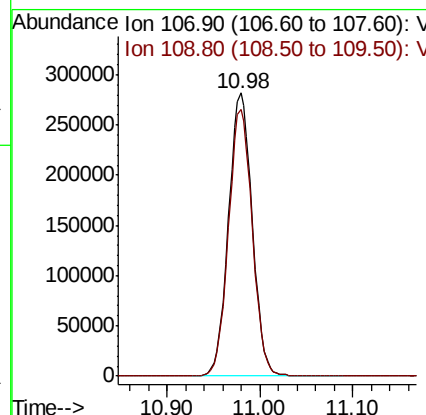
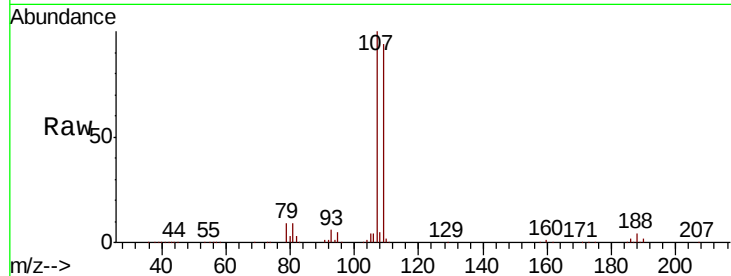




#61  
1,2-Dibromoethane  
Concen: 107.747 ug/l  
RT: 10.98 min Scan# 2863  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

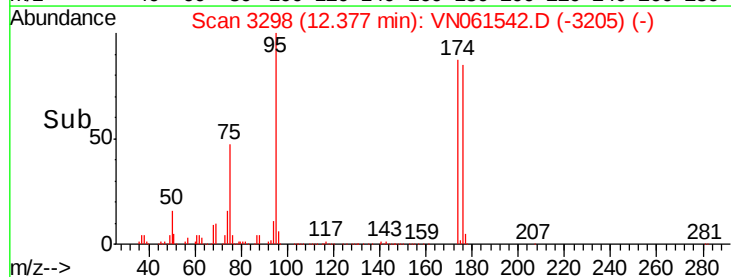
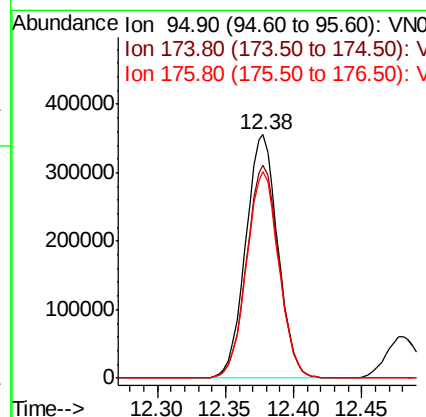
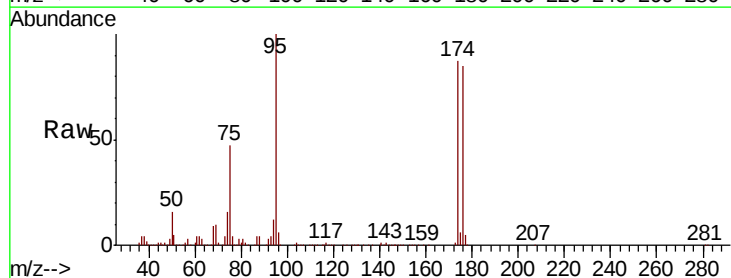
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

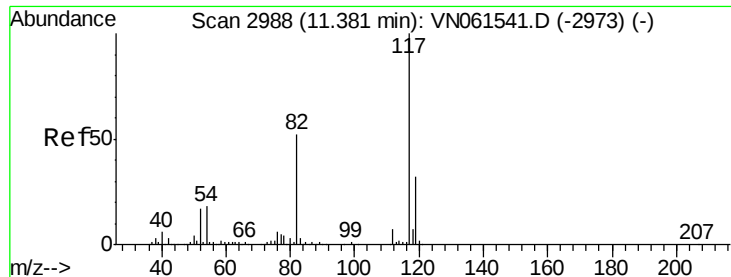
Tot Ion:107 Resp: 498846  
Ion Ratio Lower Upper  
107 100  
109 94.8 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 100.045 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion: 95 Resp: 581582  
Ion Ratio Lower Upper  
95 100  
174 88.0 0.0 172.8  
176 85.1 0.0 164.8

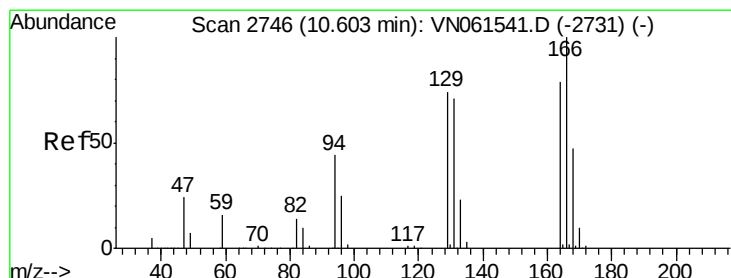
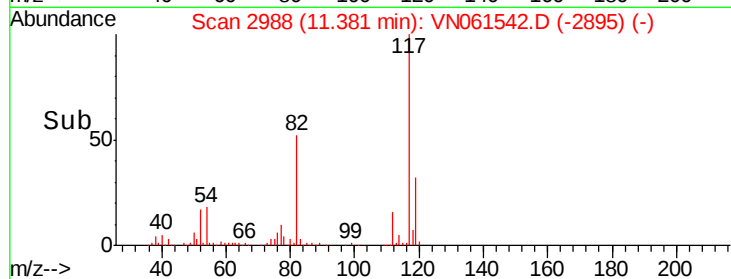
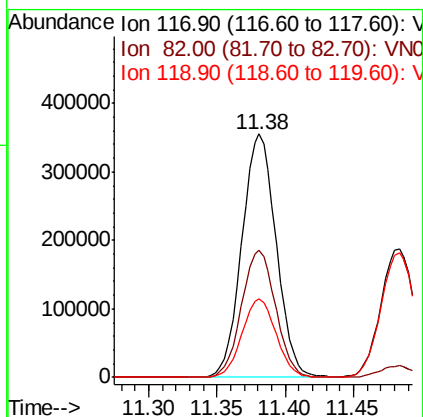
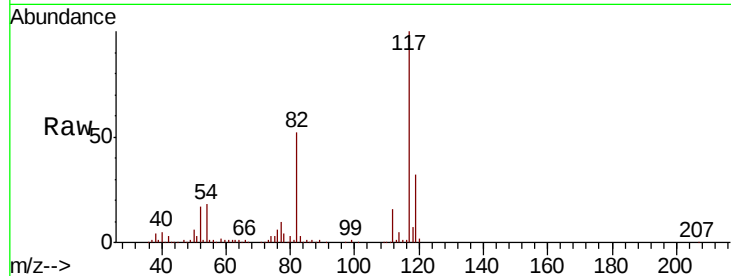




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

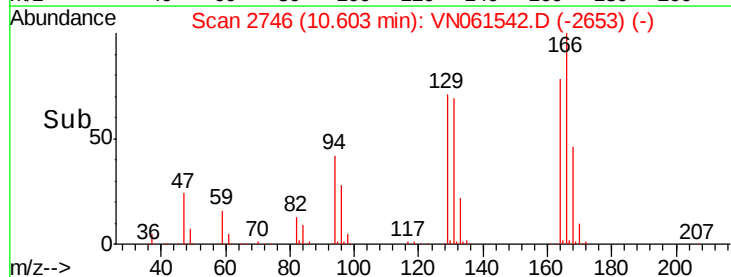
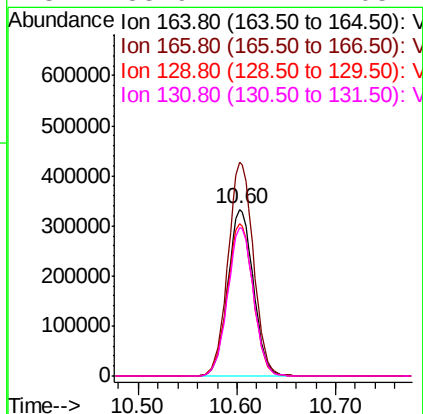
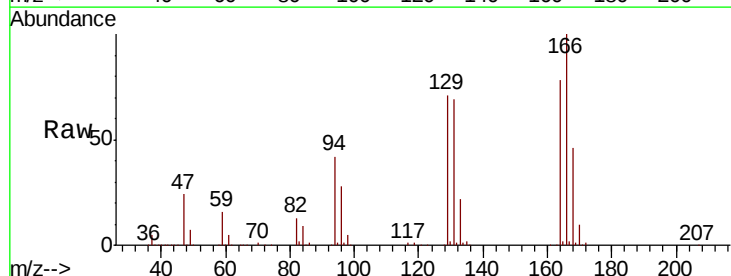
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tot Ion:117 Resp: 620589  
Ion Ratio Lower Upper  
117 100  
82 52.3 41.5 62.3  
119 32.1 25.6 38.4



#64  
Tetrachloroethene  
Concen: 121.511 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion:164 Resp: 601689  
Ion Ratio Lower Upper  
164 100  
166 128.3 101.5 152.3  
129 91.7 74.9 112.3  
131 88.9 72.2 108.2

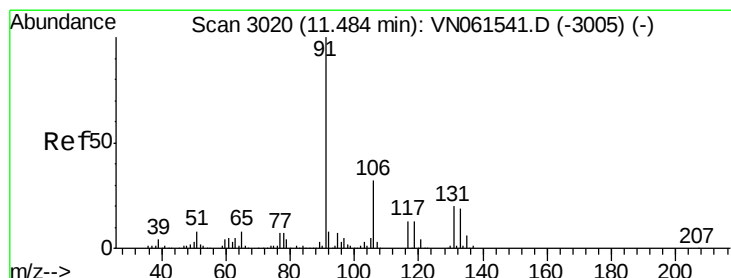
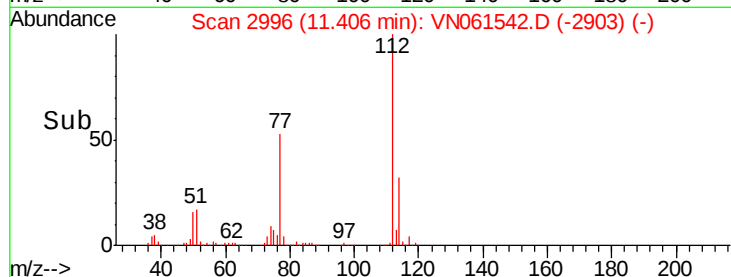
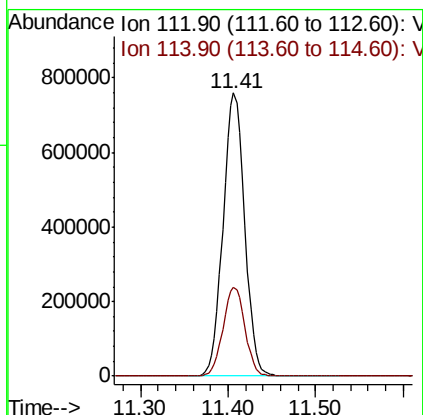
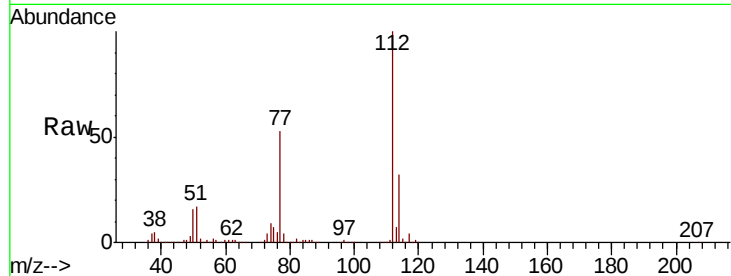




#65  
Chlorobenzene  
Concen: 103.318 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

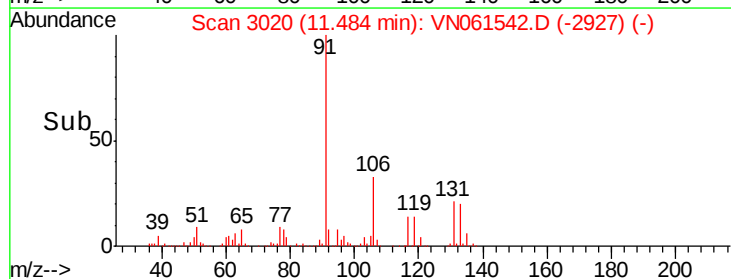
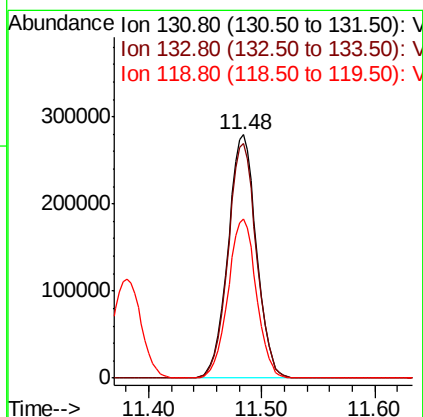
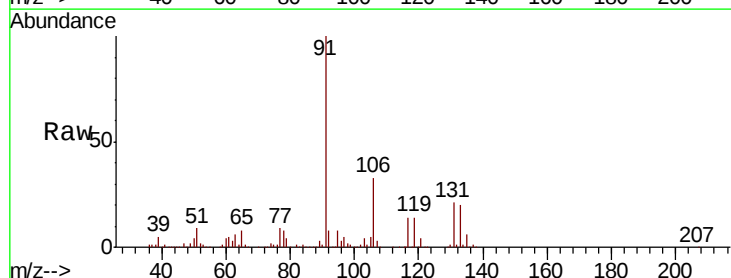
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

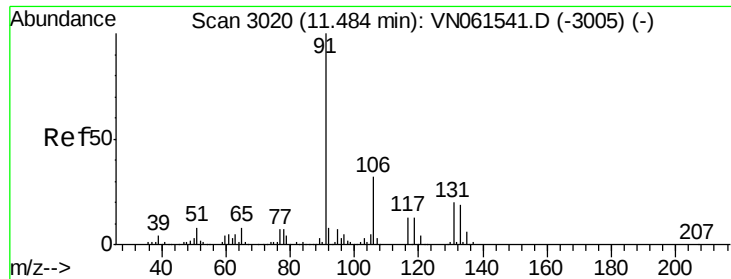
Tot Ion:112 Resp: 1303739  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 106.926 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion:131 Resp: 486762  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.4 142.2  
119 65.3 32.6 97.8

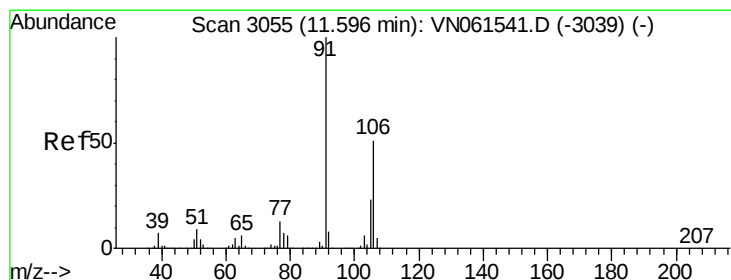
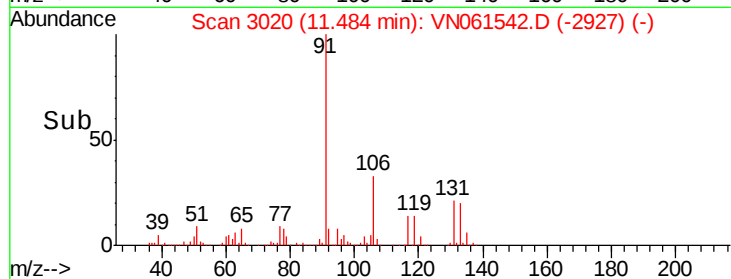
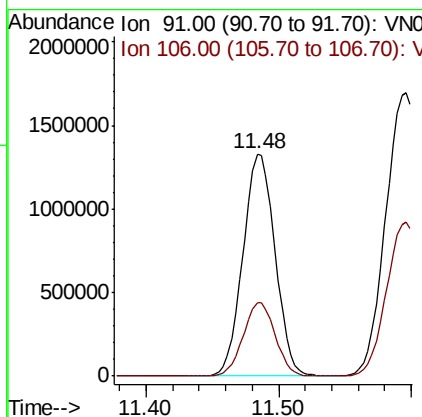
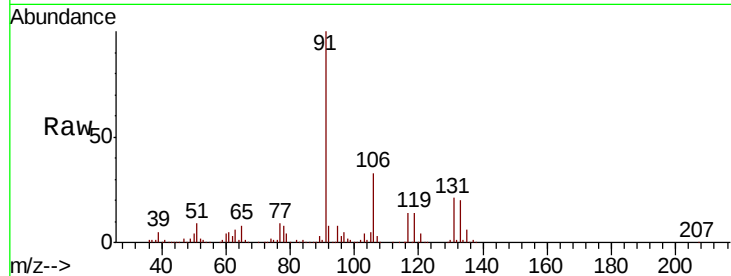




#67  
Ethyl Benzene  
Concen: 98.354 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

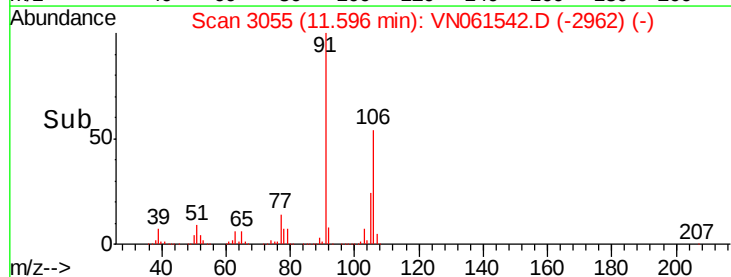
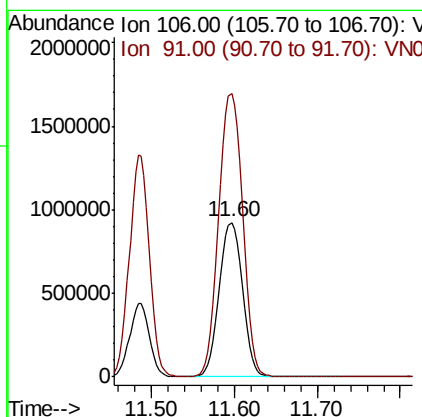
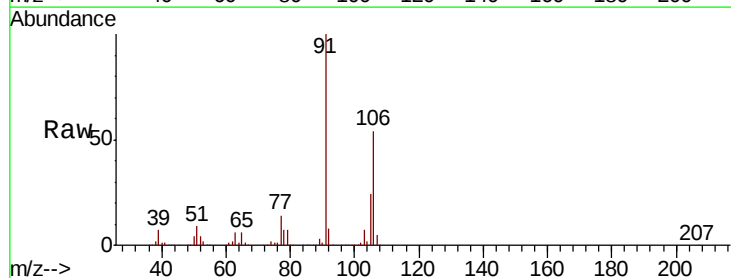
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

Tot Ion: 91 Resp: 2238228  
Ion Ratio Lower Upper  
91 100  
106 33.0 25.6 38.4



#68  
m/p-Xylenes  
Concen: 207.090 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion: 106 Resp: 1801169  
Ion Ratio Lower Upper  
106 100  
91 188.7 156.2 234.4

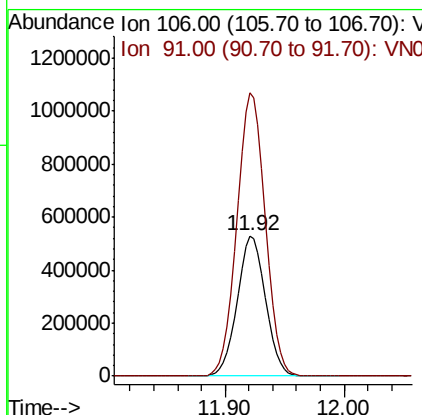
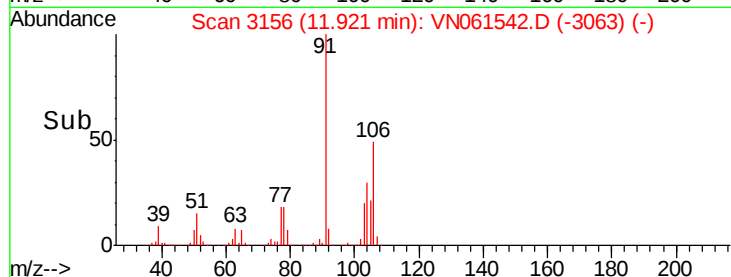
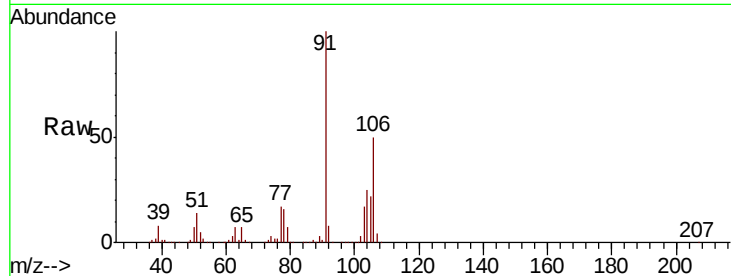




#69  
o-Xylene  
Concen: 103.169 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

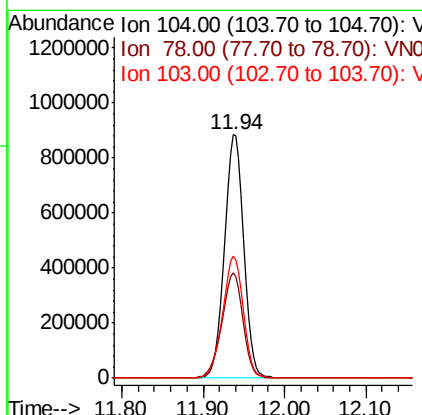
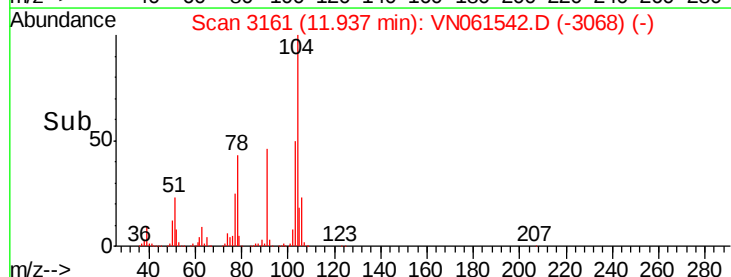
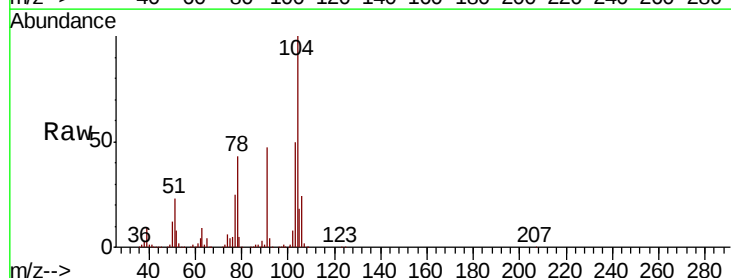
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

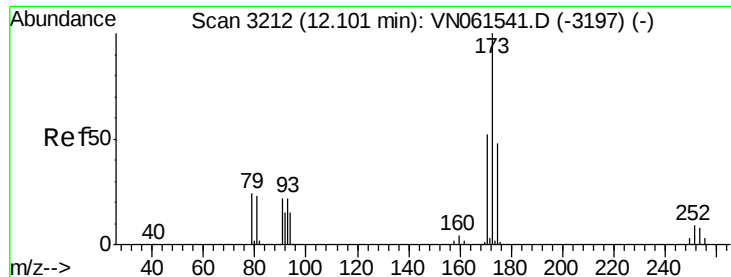
Tot Ion:106 Resp: 868490  
Ion Ratio Lower Upper  
106 100  
91 203.2 103.3 309.8



#70  
Styrene  
Concen: 106.977 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion:104 Resp: 1488411  
Ion Ratio Lower Upper  
104 100  
78 47.1 37.4 56.0  
103 53.8 42.3 63.5





#71

Bromoform

Concen: 125.228 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

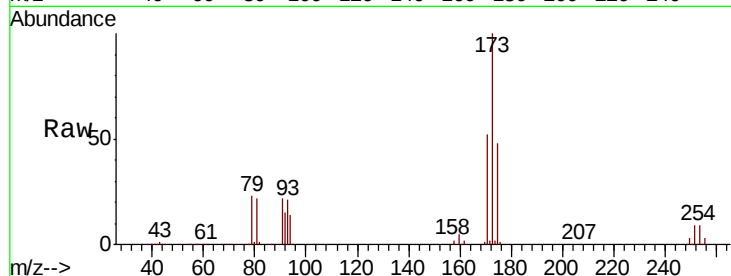
Tot Ion:173 Resp: 407708

Ion Ratio Lower Upper

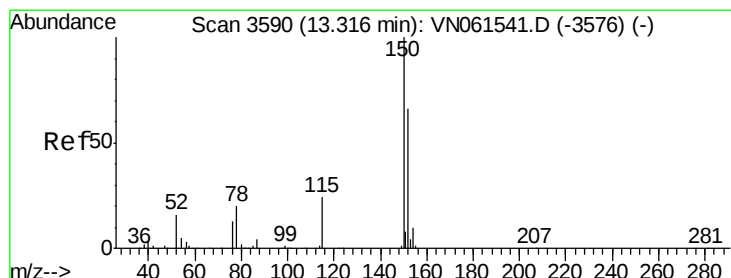
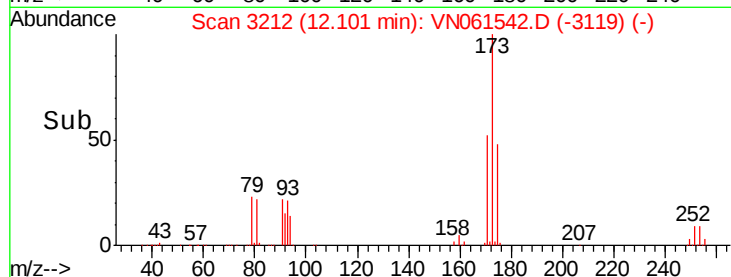
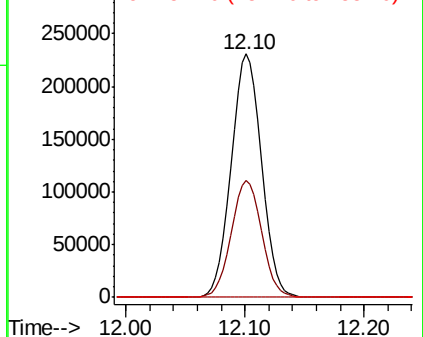
173 100

175 48.2 24.4 73.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

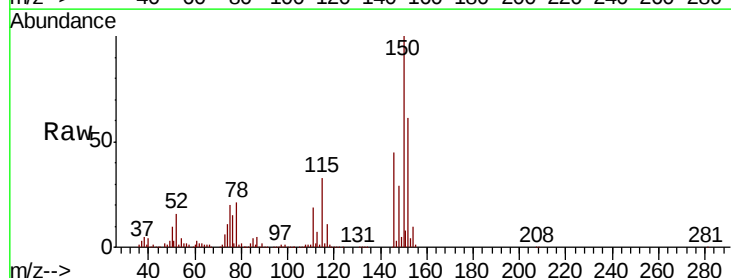
Tgt Ion:152 Resp: 322002

Ion Ratio Lower Upper

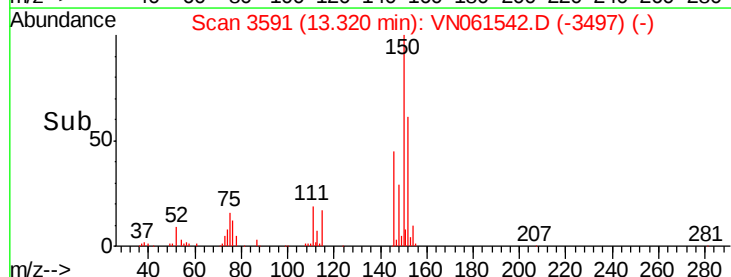
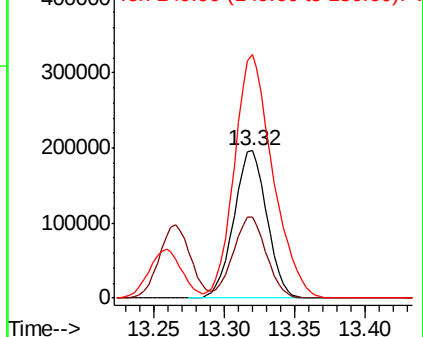
152 100

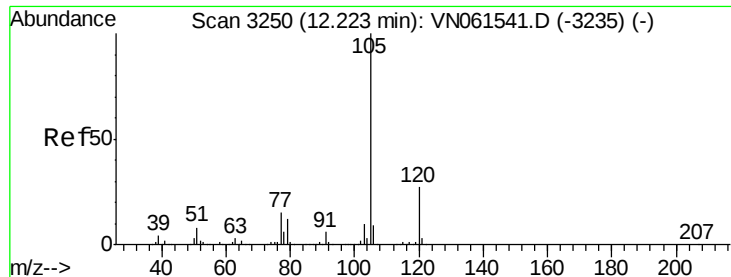
115 55.2 28.0 84.0

150 192.2 0.0 344.0



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





#73

Isopropylbenzene

Concen: 88.821 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

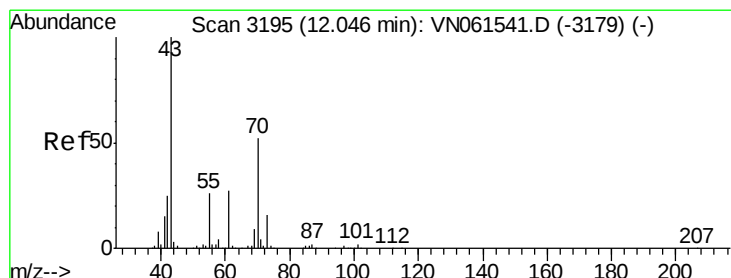
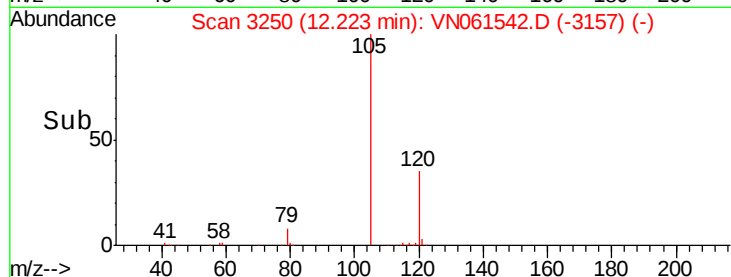
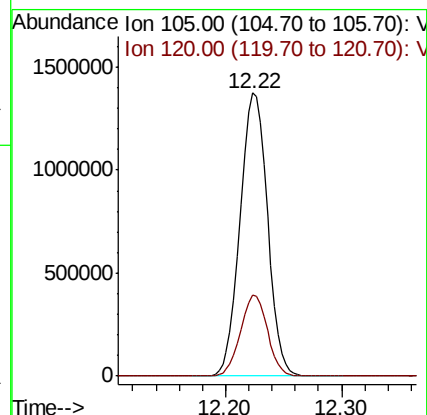
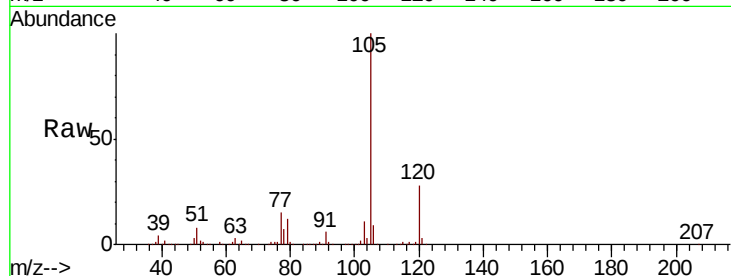
VSTDIC100

Tot Ion:105 Resp: 2247538

Ion Ratio Lower Upper

105 100

120 28.1 13.8 41.3



#74

N-ethyl acetate

Concen: 83.478 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Tgt Ion: 43 Resp: 760707

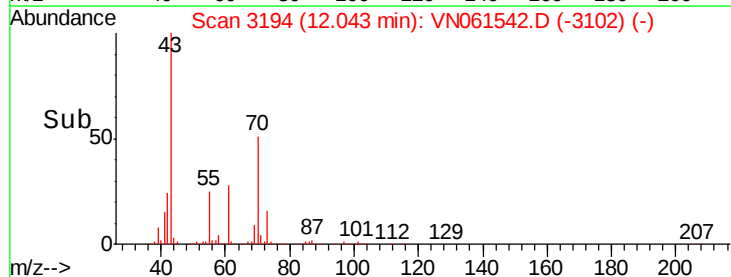
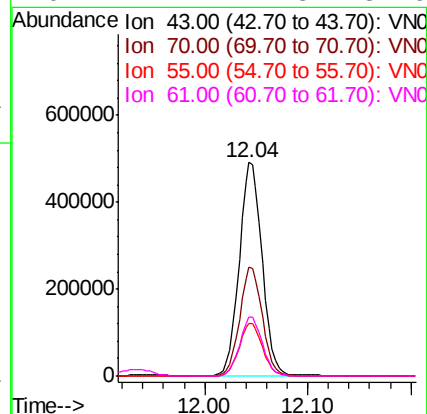
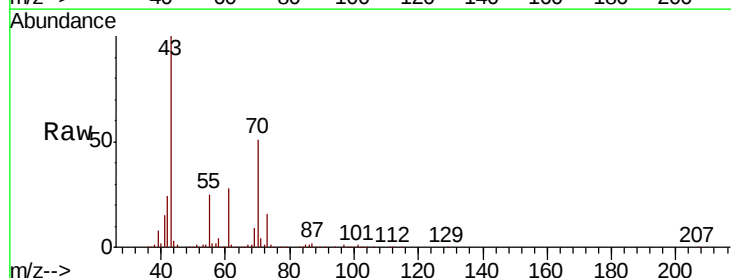
Ion Ratio Lower Upper

43 100

70 50.4 40.5 60.7

55 25.1 20.6 31.0

61 27.4 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 88.495 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

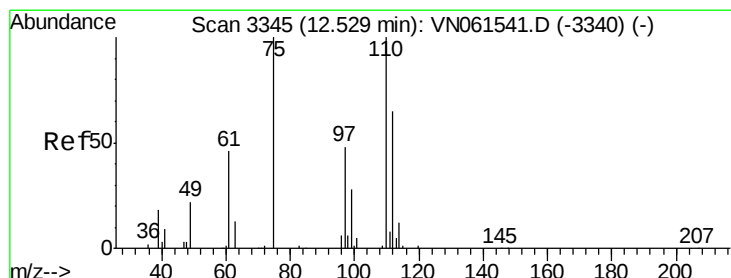
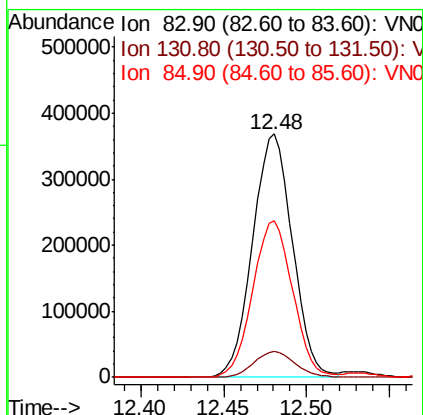
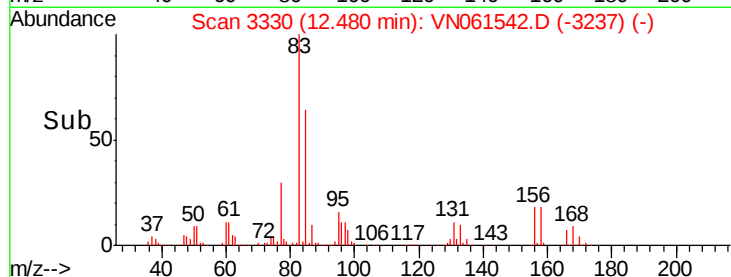
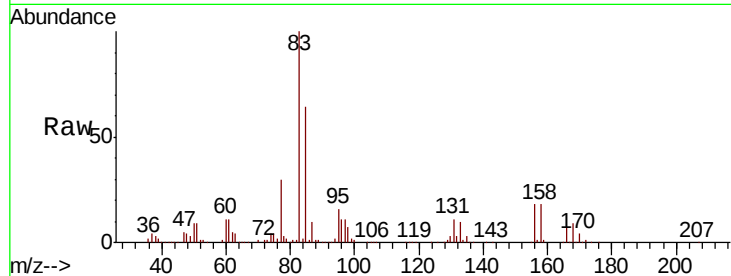
Tot Ion: 83 Resp: 616579

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

85 64.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 122.727 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061542.D

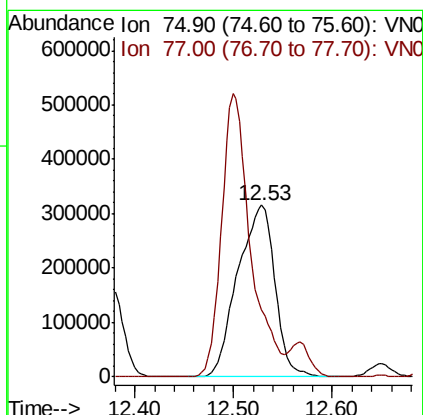
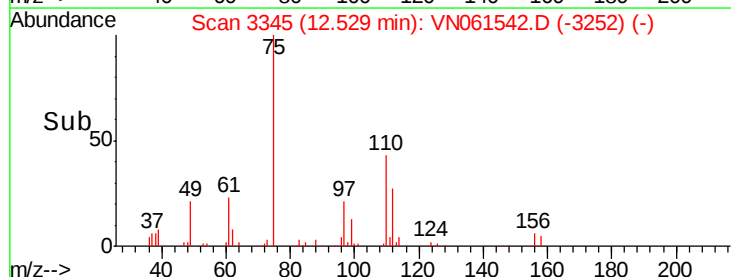
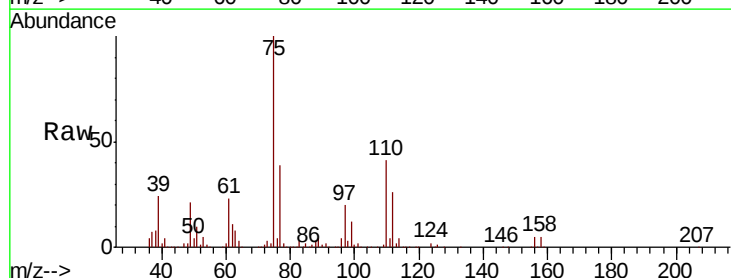
Acq: 28 May 2020 19:19

Tgt Ion: 75 Resp: 822681

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 105.108 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

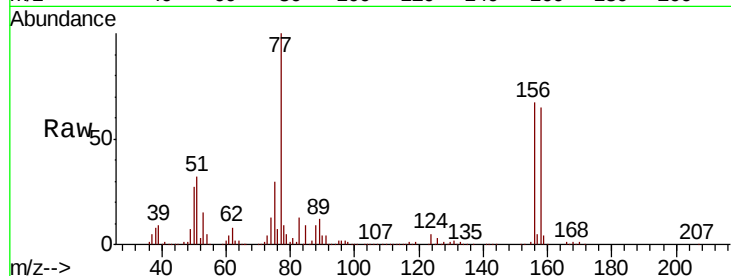
Tot Ion:156 Resp: 592897

Ion Ratio Lower Upper

156 100

77 180.8 90.9 272.7

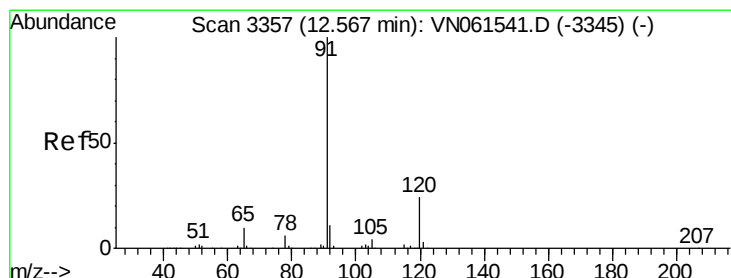
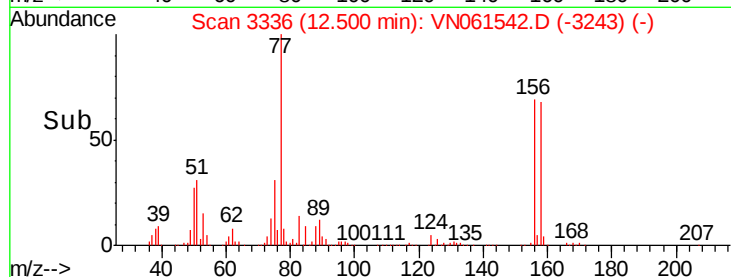
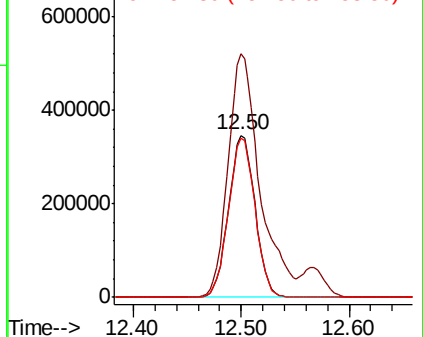
158 98.3 48.4 145.3



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: 88.030 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061542.D

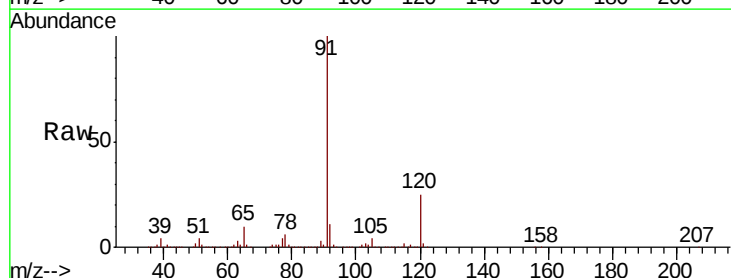
Acq: 28 May 2020 19:19

Tgt Ion: 91 Resp: 2523098

Ion Ratio Lower Upper

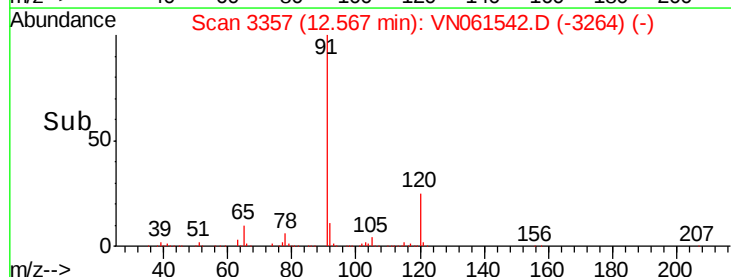
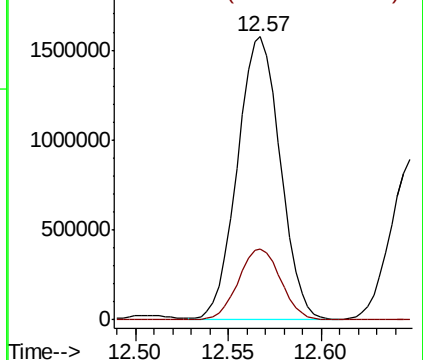
91 100

120 25.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 87.608 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

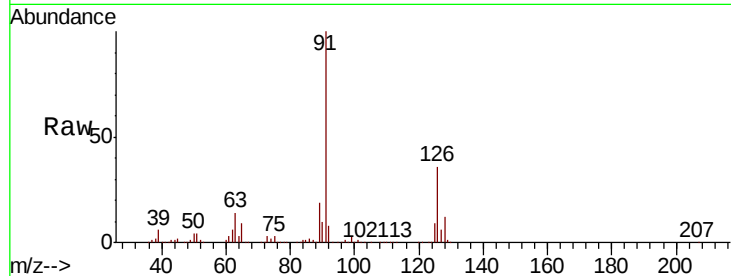
VSTDIC100

Tot Ion: 91 Resp: 1489599

Ion Ratio Lower Upper

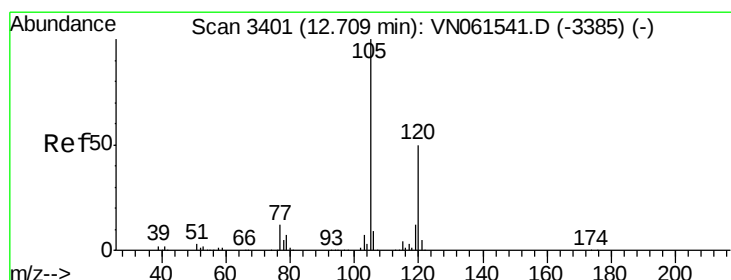
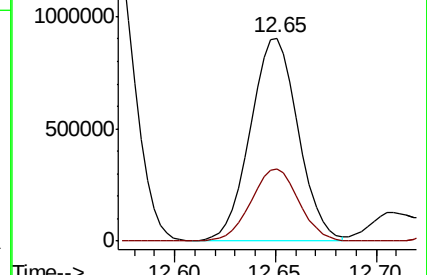
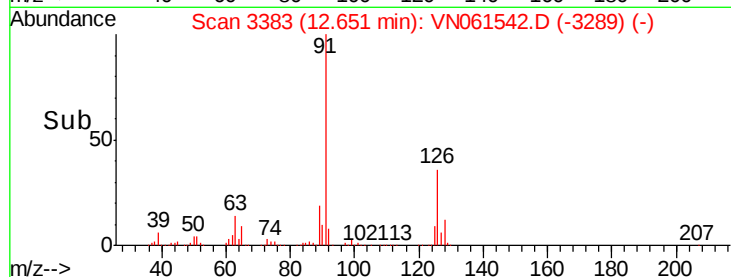
91 100

126 35.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 92.095 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061542.D

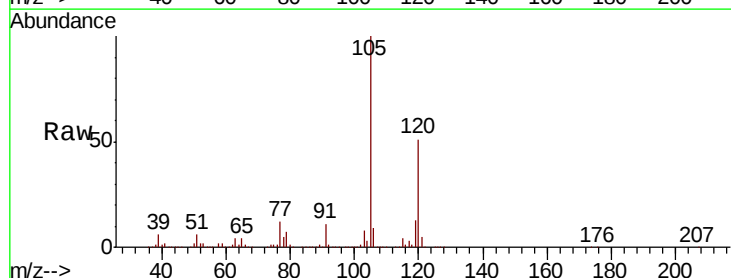
Acq: 28 May 2020 19:19

Tgt Ion:105 Resp: 1909659

Ion Ratio Lower Upper

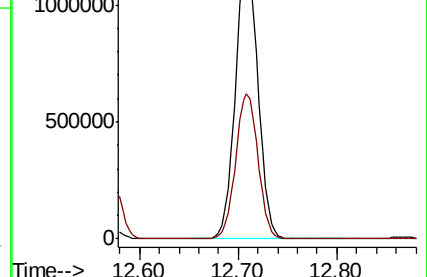
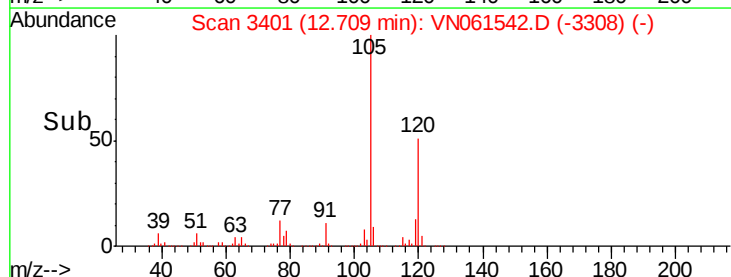
105 100

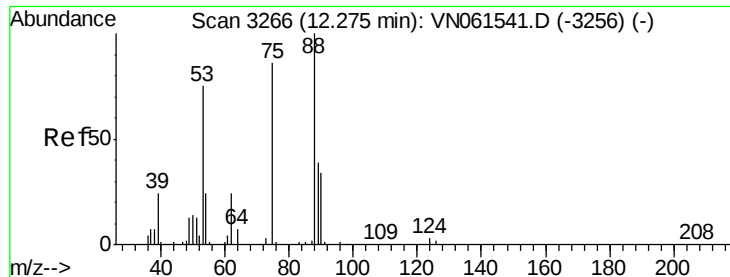
120 51.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 89.825 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

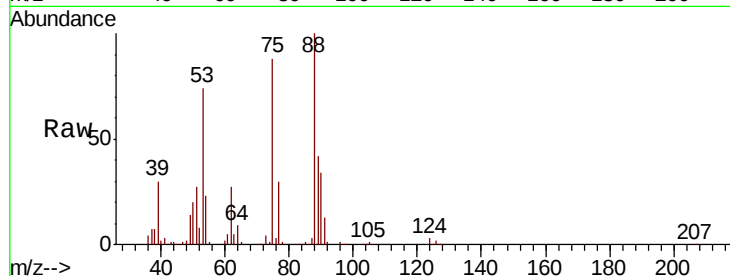
Tot Ion: 75 Resp: 228808

Ion Ratio Lower Upper

75 100

53 84.7 67.8 101.8

89 47.5 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061541.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061541.D (-3256) (-)

200000

150000

100000

50000

0

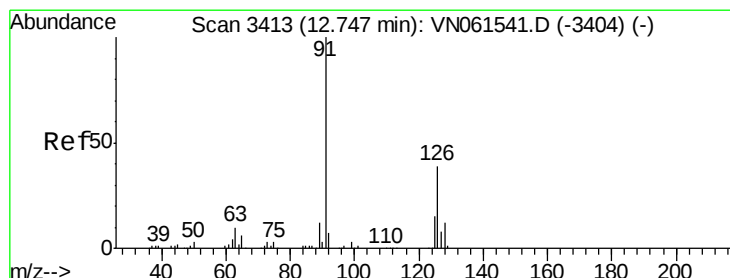
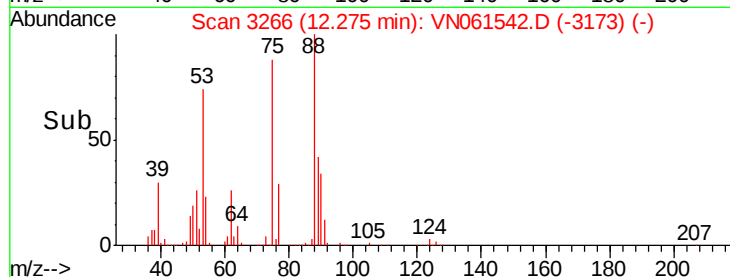
12.27

12.25

12.30

12.35

Time-->



#82

4-Chlorotoluene

Concen: 90.054 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061542.D

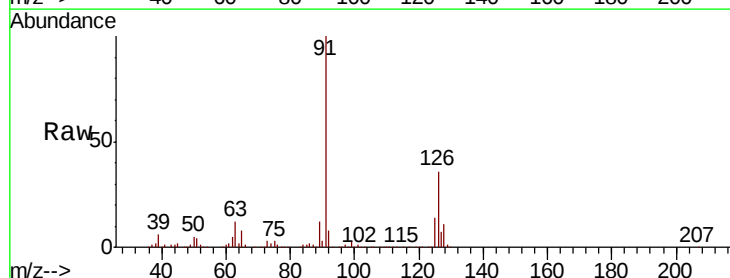
Acq: 28 May 2020 19:19

Tgt Ion: 91 Resp: 1585007

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3404) (-)

1000000

800000

600000

400000

200000

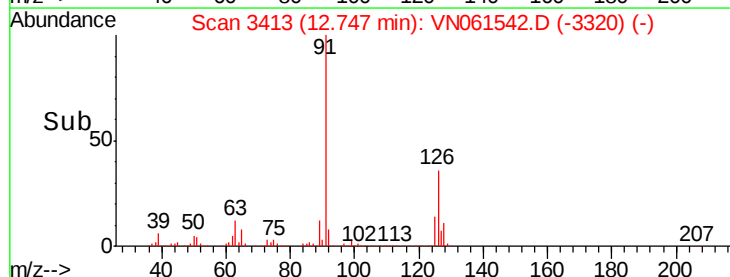
0

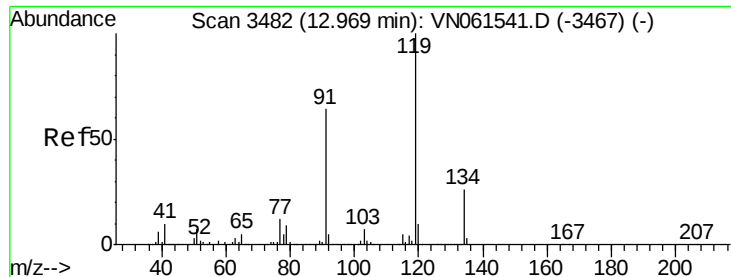
12.75

12.70

12.80

Time-->

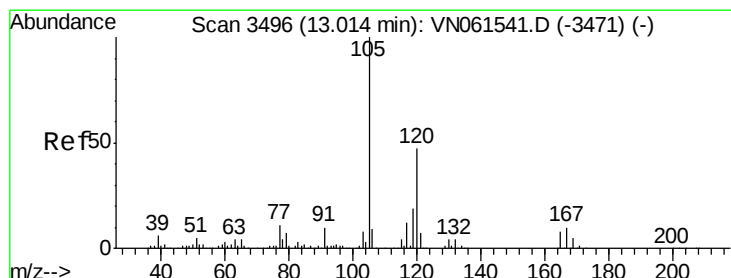
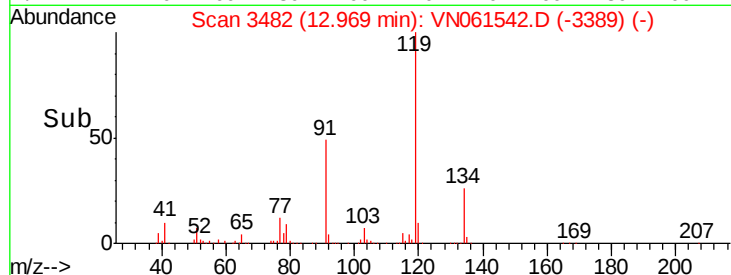
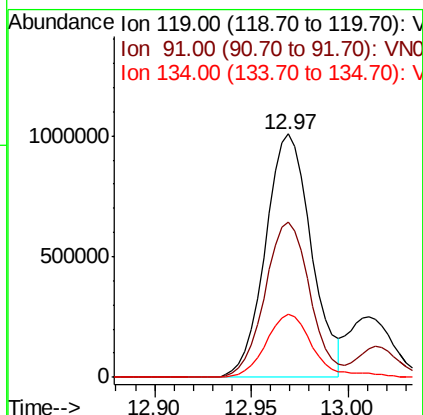
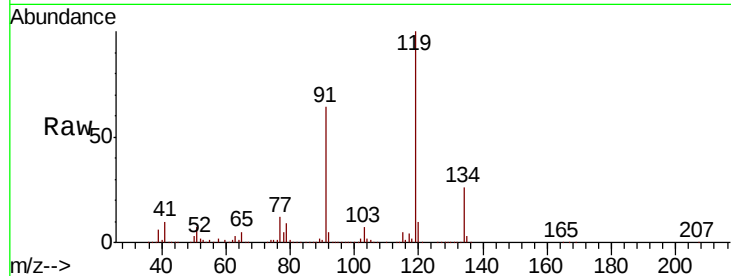




#83  
tert-Butylbenzene  
Concen: 93.155 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

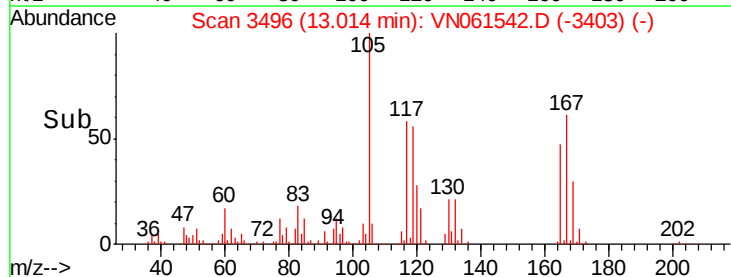
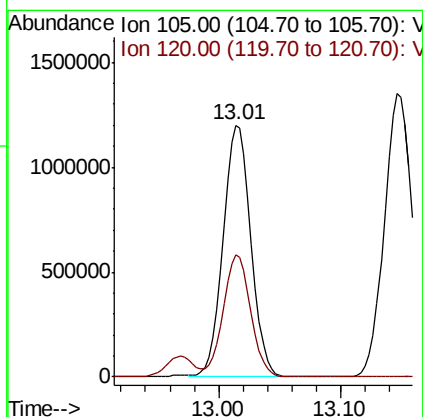
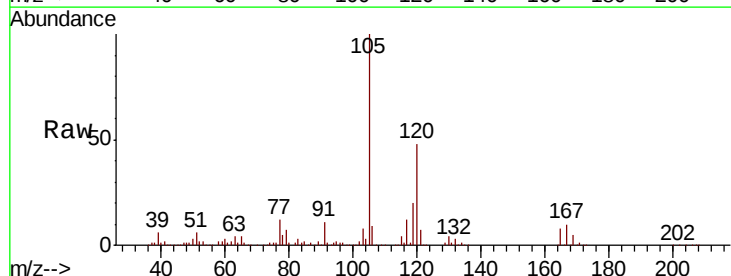
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

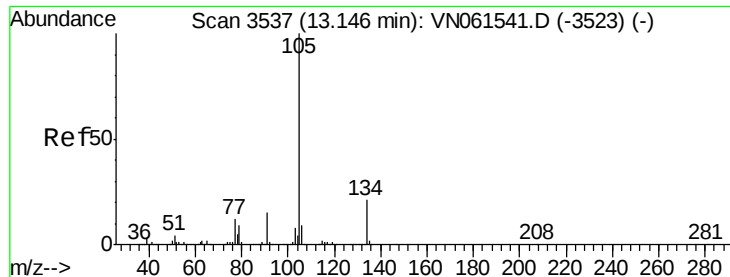
Tot Ion:119 Resp: 1659384  
Ion Ratio Lower Upper  
119 100  
91 62.8 31.3 93.8  
134 26.9 13.5 40.4



#84  
1,2,4-Trimethylbenzene  
Concen: 92.184 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. 0.00 min  
Lab File: VN061542.D  
Acq: 28 May 2020 19:19

Tgt Ion:105 Resp: 1912689  
Ion Ratio Lower Upper  
105 100  
120 48.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 90.952 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampled :

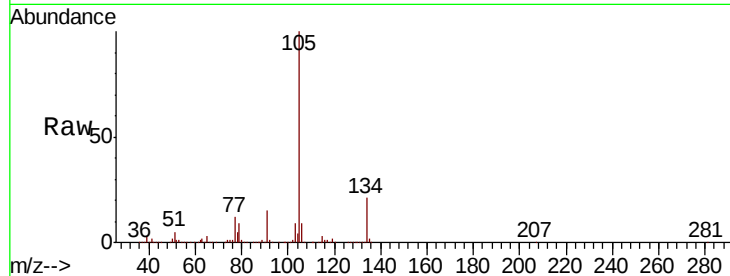
VSTDIC100

Tot Ion:105 Resp: 2176002

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

1500000

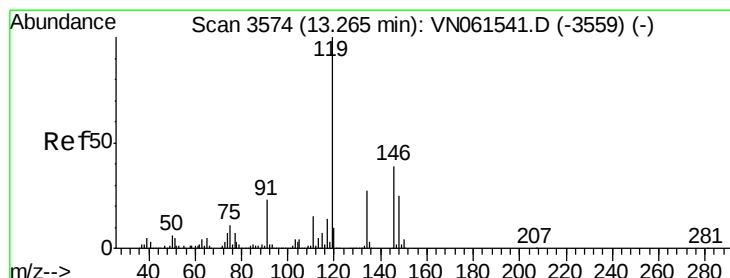
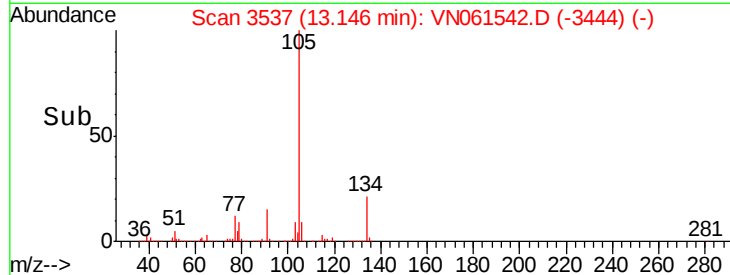
1000000

500000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 95.261 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

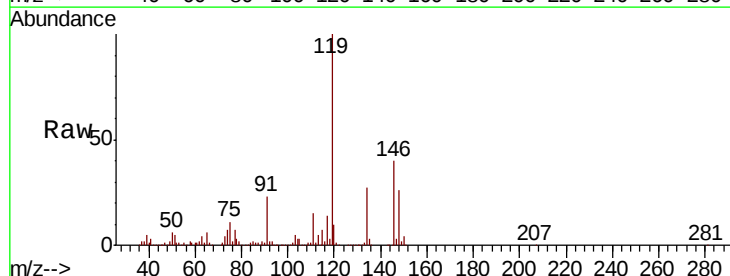
Tgt Ion:119 Resp: 2036043

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 22.9 11.4 34.1



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

13.26

1500000

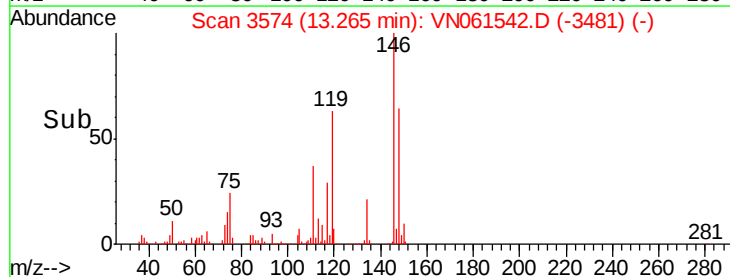
1000000

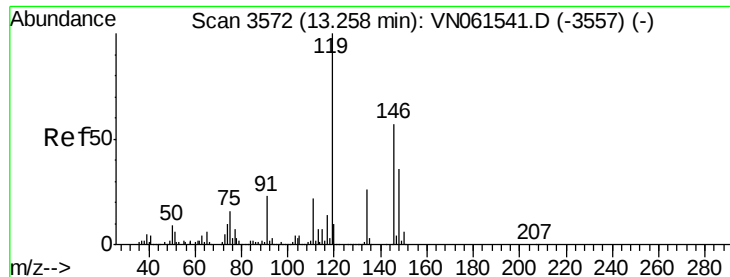
500000

0

Time-->

13.20 13.25 13.30 13.35

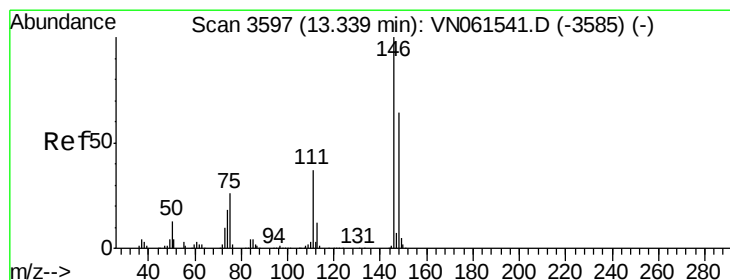
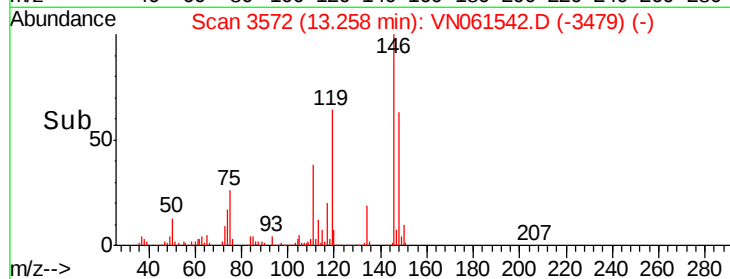
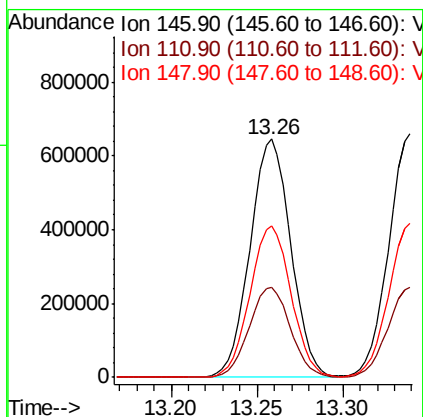
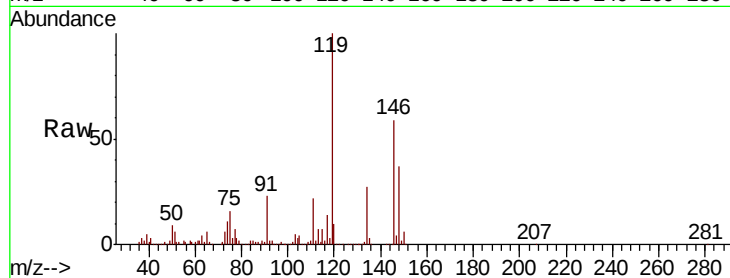




#87  
 1,3-Dichlorobenzene  
 Concen: 103.840 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

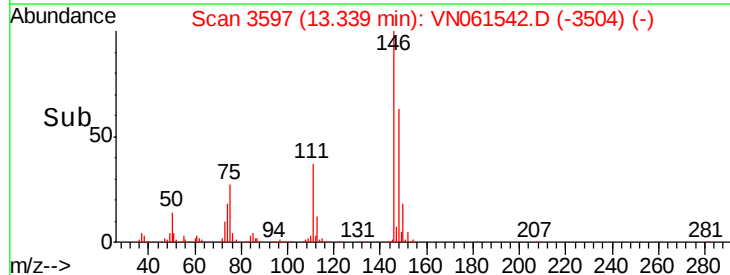
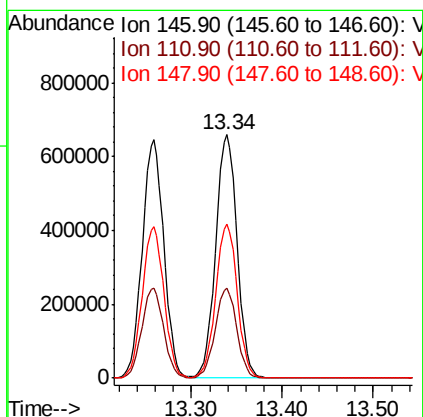
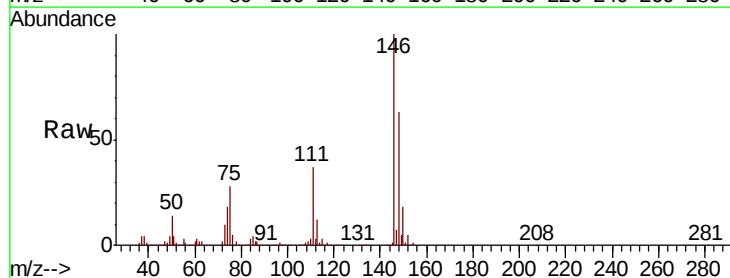
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

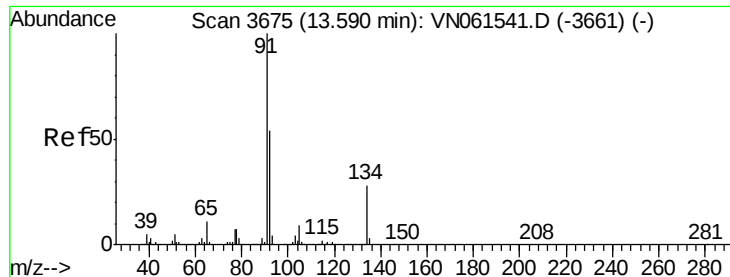
Tot Ion:146 Resp: 1063328  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 19.2 57.6  
 148 63.8 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 104.979 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion:146 Resp: 1076278  
 Ion Ratio Lower Upper  
 146 100  
 111 37.0 18.9 56.9  
 148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 90.136 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC100

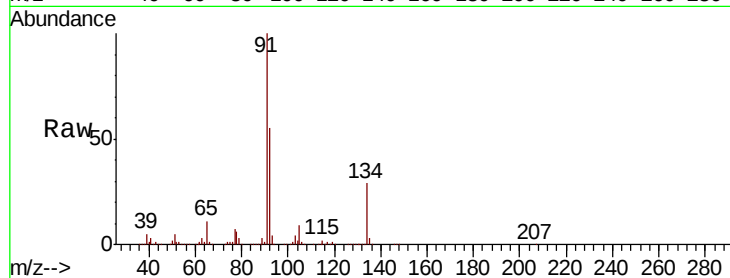
Tot Ion: 91 Resp: 1727400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.4  | 27.2  | 81.6  |
| 134 | 28.6  | 14.0  | 42.0  |

91 100

92 54.4 27.2 81.6

134 28.6 14.0 42.0

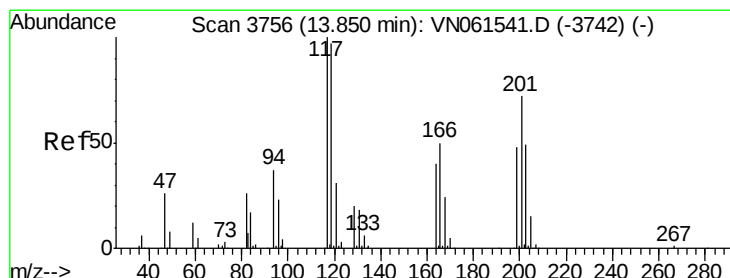
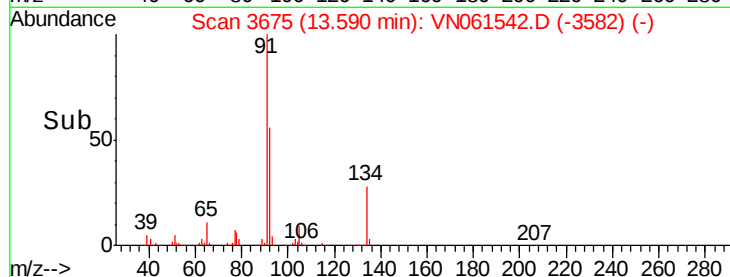
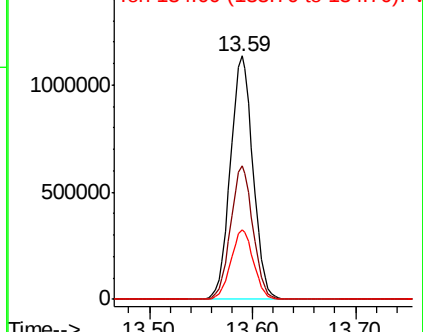


Abundance

Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)



#90

Hexachloroethane

Concen: 83.420 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061542.D

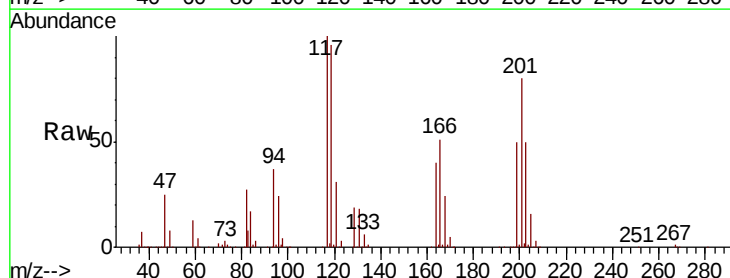
Acq: 28 May 2020 19:19

Tgt Ion: 117 Resp: 232485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 79.7  | 36.7  | 110.1 |

117 100

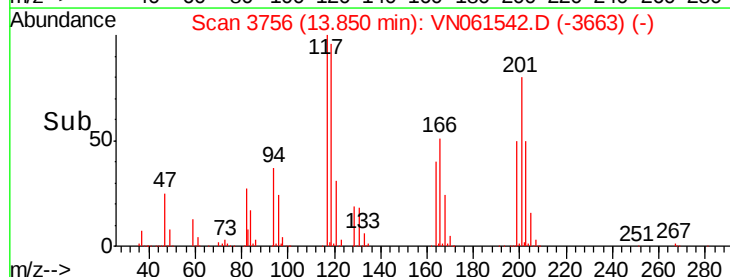
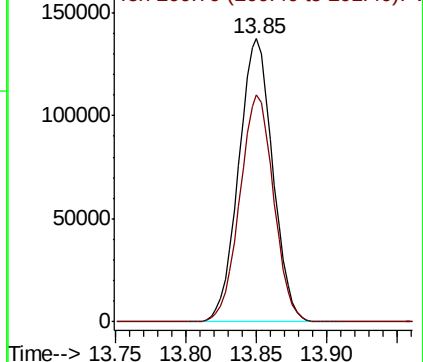
201 79.7 36.7 110.1



Abundance

Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 102.736 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

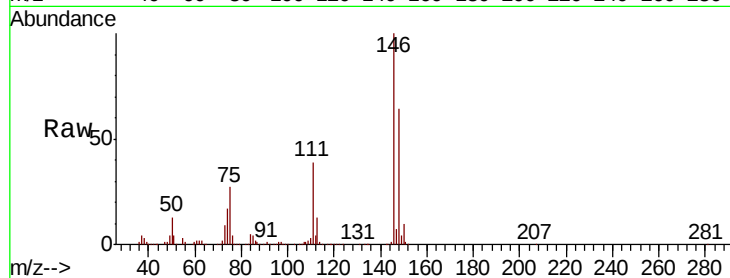
Tot Ion:146 Resp: 1009278

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

148 64.5 31.9 95.5

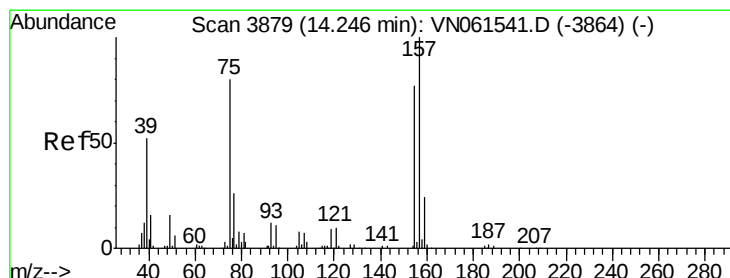
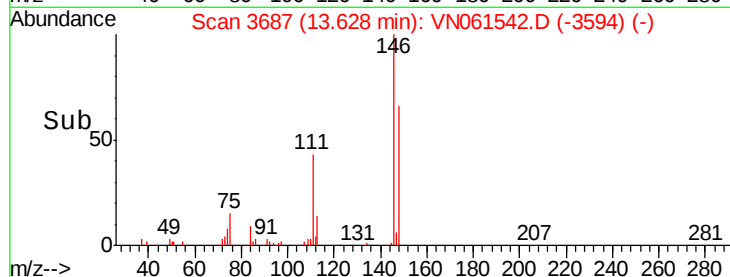
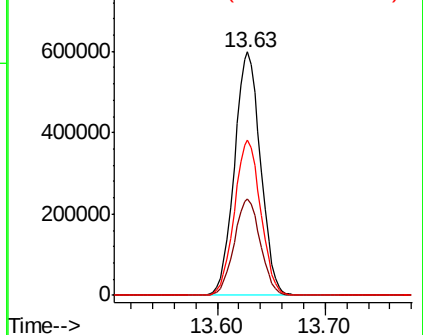


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 87.860 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

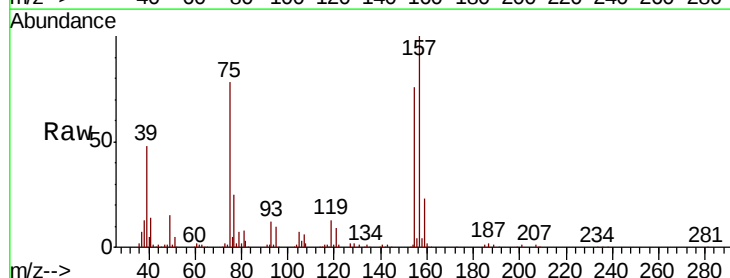
Tgt Ion: 75 Resp: 123677

Ion Ratio Lower Upper

75 100

155 97.9 47.1 141.4

157 128.1 60.3 180.8

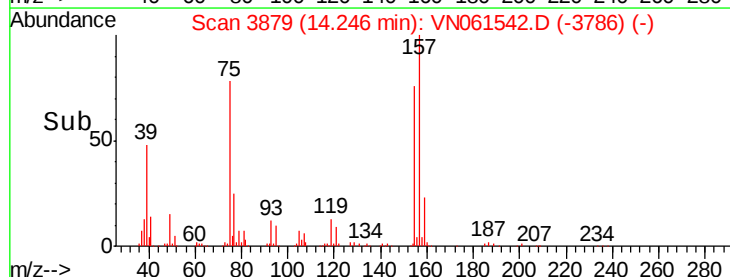
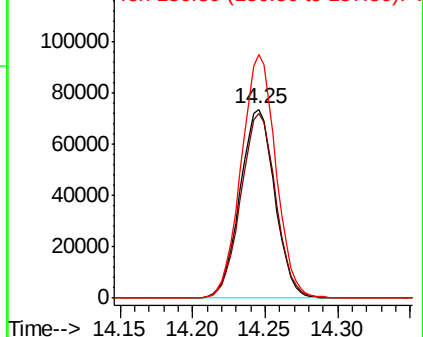


Abundance

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

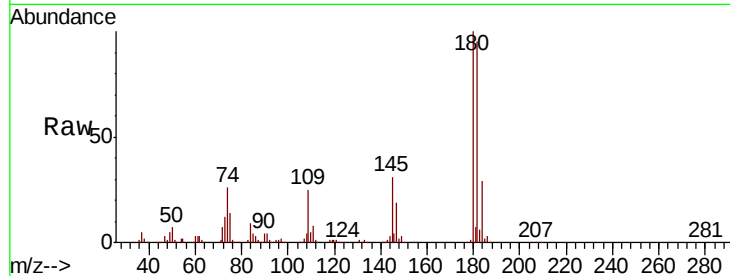




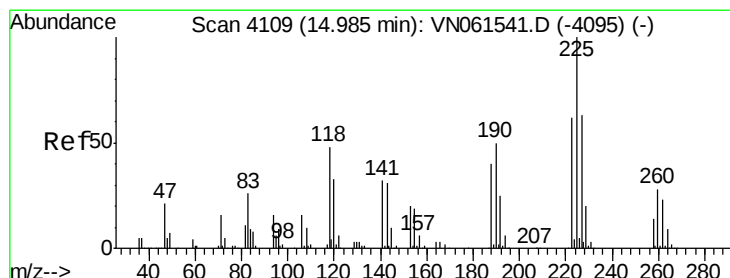
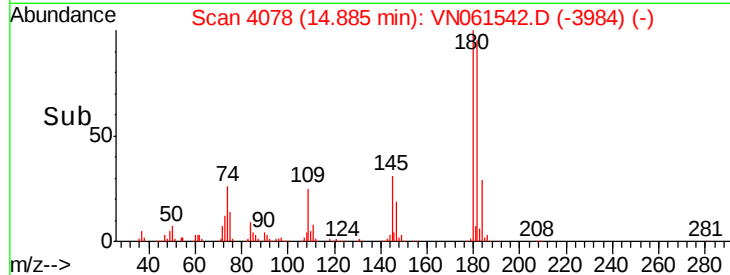
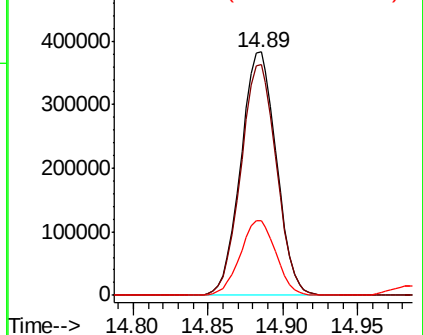
#93  
 1,2,4-Trichlorobenzene  
 Concen: 118.035 ug/l  
 RT: 14.89 min Scan# 4078  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tot Ion:180 Resp: 634616  
 Ion Ratio Lower Upper  
 180 100  
 182 95.0 47.8 143.3  
 145 30.9 15.5 46.5

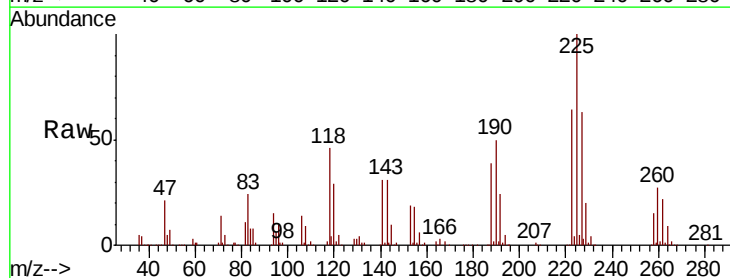


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

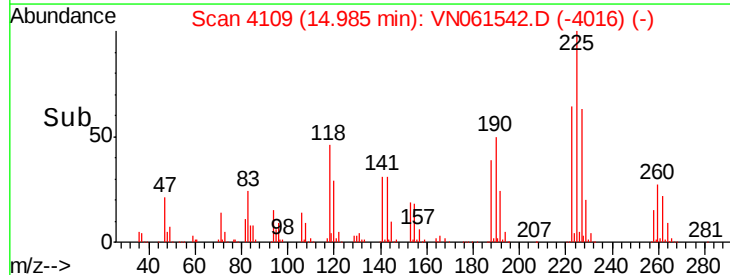
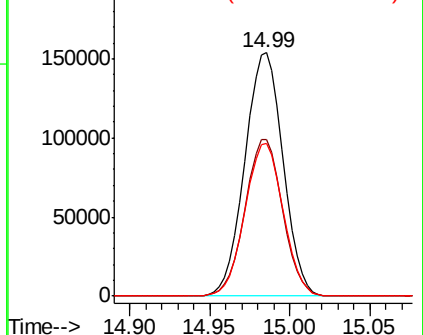


#94  
 Hexachlorobutadiene  
 Concen: 106.152 ug/l  
 RT: 14.99 min Scan# 4109  
 Delta R.T. 0.00 min  
 Lab File: VN061542.D  
 Acq: 28 May 2020 19:19

Tgt Ion:225 Resp: 251133  
 Ion Ratio Lower Upper  
 225 100  
 223 63.3 31.9 95.5  
 227 62.5 31.9 95.9



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





#95

Naphthalene

Concen: 113.441 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Instrument :

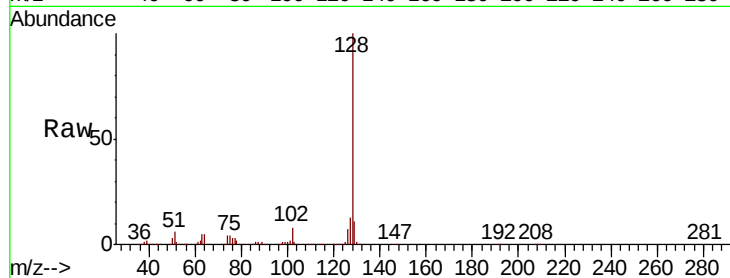
MSVOA\_N

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1932890

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.7  | 10.0  | 15.0  |
| 129 | 10.8  | 8.5   | 12.7  |

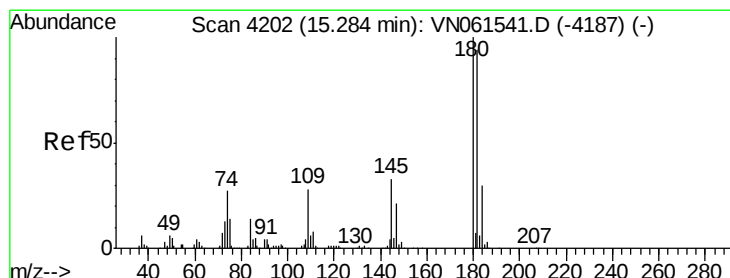
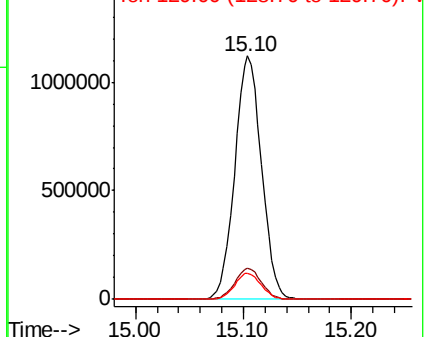
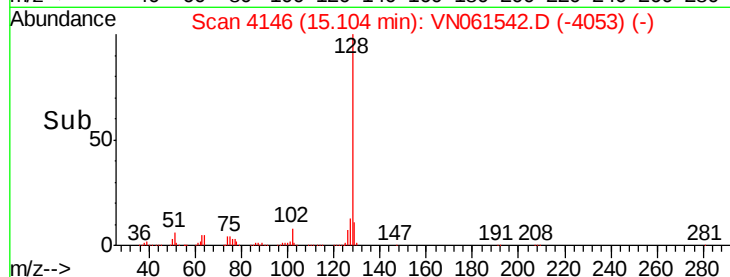


Abundance

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: 114.740 ug/l

RT: 15.28 min Scan# 4202

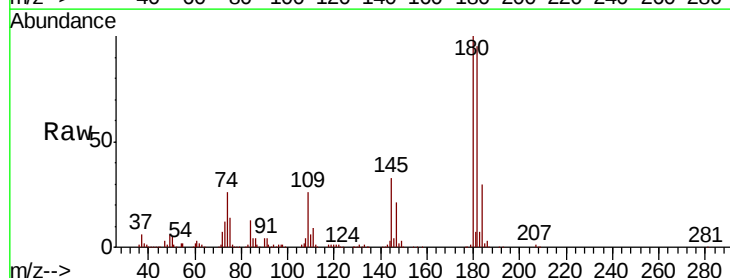
Delta R.T. 0.00 min

Lab File: VN061542.D

Acq: 28 May 2020 19:19

Tgt Ion:180 Resp: 616190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.8  | 47.1  | 141.3 |
| 145 | 33.3  | 16.3  | 48.9  |



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

