

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN032720\  
 Data File : VN060758.D  
 Acq On : 27 Mar 2020 21:46  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 28 02:05:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 184155   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.56  | 114  | 312182   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 287884   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 140806   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.00   | 65  | 126377   | 49.99 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.98%  |      |
| 35) Dibromofluoromethane    | 7.56   | 113 | 95147    | 50.40 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.80% |      |
| 50) Toluene-d8              | 10.08  | 98  | 381634   | 49.50 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.00%  |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 141036   | 49.91 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.82%  |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 85640   | 48.062  | ug/l | 100    |
| 3) Chloromethane              | 2.04 | 50  | 151852  | 45.630  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 119420  | 45.878  | ug/l | 99     |
| 5) Bromomethane               | 2.55 | 94  | 57038   | 50.761  | ug/l | 99     |
| 6) Chloroethane               | 2.69 | 64  | 75148   | 50.118  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 159364  | 49.701  | ug/l | 99     |
| 8) Diethyl Ether              | 3.38 | 74  | 65714   | 51.016  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 94070   | 50.630  | ug/l | 99     |
| 10) Methyl Iodide             | 3.93 | 142 | 81988   | 49.591  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.72 | 59  | 87395   | 235.064 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 97791   | 49.047  | ug/l | 99     |
| 13) Acrolein                  | 3.57 | 56  | 110759  | 268.795 | ug/l | 100    |
| 14) Allyl chloride            | 4.29 | 41  | 171405  | 48.879  | ug/l | 97     |
| 15) Acrylonitrile             | 4.94 | 53  | 270871  | 247.757 | ug/l | 100    |
| 16) Acetone                   | 3.78 | 43  | 214804  | 239.876 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.03 | 76  | 285175  | 47.029  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 124791  | 49.510  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 336521  | 49.091  | ug/l | 96     |
| 20) Methylene Chloride        | 4.52 | 84  | 110962  | 50.372  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 104507  | 49.180  | ug/l | 93     |
| 22) Diisopropyl ether         | 5.91 | 45  | 388966  | 52.502  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.86 | 43  | 1580590 | 261.480 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 208898  | 51.723  | ug/l | 99     |
| 25) 2-Butanone                | 6.80 | 43  | 350795  | 242.088 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 148160  | 46.625  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 121481  | 50.307  | ug/l | 99     |
| 28) Bromochloromethane        | 7.17 | 49  | 101315  | 52.432  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 241414  | 235.467 | ug/l | 98     |
| 30) Chloroform                | 7.35 | 83  | 195887  | 50.593  | ug/l | 100    |
| 31) Cyclohexane               | 7.63 | 56  | 193676  | 47.567  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97  | 170390  | 51.049  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 151729  | 50.193  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.89 | 43  | 152766  | 46.770  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 137590  | 50.785  | ug/l | 100    |

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 ClientSampleID :  
 VSTDCCC050EC

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 178957   | 49.816   | ug/l   | 98       |
| 40) Benzene                    | 8.02  | 78   | 458380   | 50.231   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 217900   | 156.317  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 156010   | 50.025   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.14  | 43   | 262986   | 48.821   | ug/l   | 100      |
| 44) Trichloroethene            | 8.82  | 130  | 114019   | 49.565   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 126404   | 52.496   | ug/l   | 97       |
| 46) Dibromomethane             | 9.19  | 93   | 74296    | 51.038   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.38  | 83   | 156836   | 51.847   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.18  | 41   | 117164   | 48.852   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.18  | 88   | 29496    | 1034.692 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 754833   | 246.251  | ug/l   | 100      |
| 52) Toluene                    | 10.14 | 92   | 276470   | 50.166   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 176919   | 50.916   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 192388   | 50.470   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 106821   | 50.383   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 167697   | 50.727   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 186952   | 50.813   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 388462   | 236.426  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.74 | 43   | 541462   | 245.217  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.89 | 129  | 113548   | 51.847   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 109025   | 51.138   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.62 | 164  | 103939   | 45.881   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 282911   | 49.572   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 104388   | 50.519   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.50 | 91   | 538339   | 50.724   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 396628   | 100.568  | ug/l   | 100      |
| 69) o-Xylene                   | 11.94 | 106  | 191147   | 50.771   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 316362   | 51.379   | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 81087    | 47.309   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.24 | 105  | 511738   | 48.428   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.06 | 43   | 230425   | 47.191   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 152445   | 47.706   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 202190   | 66.547   | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 121805   | 47.837   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 604185   | 48.396   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 356515   | 47.795   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 431211   | 48.087   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 53136    | 44.916   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 365155   | 48.065   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 364453   | 49.027   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 434764   | 49.007   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 497147   | 49.734   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 445183   | 49.527   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 220258   | 49.046   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 217724   | 48.255   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 406940   | 50.143   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 70959    | 54.308   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 212662   | 49.524   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 30393    | 45.384   | ug/l   | 98       |

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

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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Quant Title : SW846 8260  
QLast Update : Wed Mar 18 08:49:09 2020  
Response via : Initial Calibration

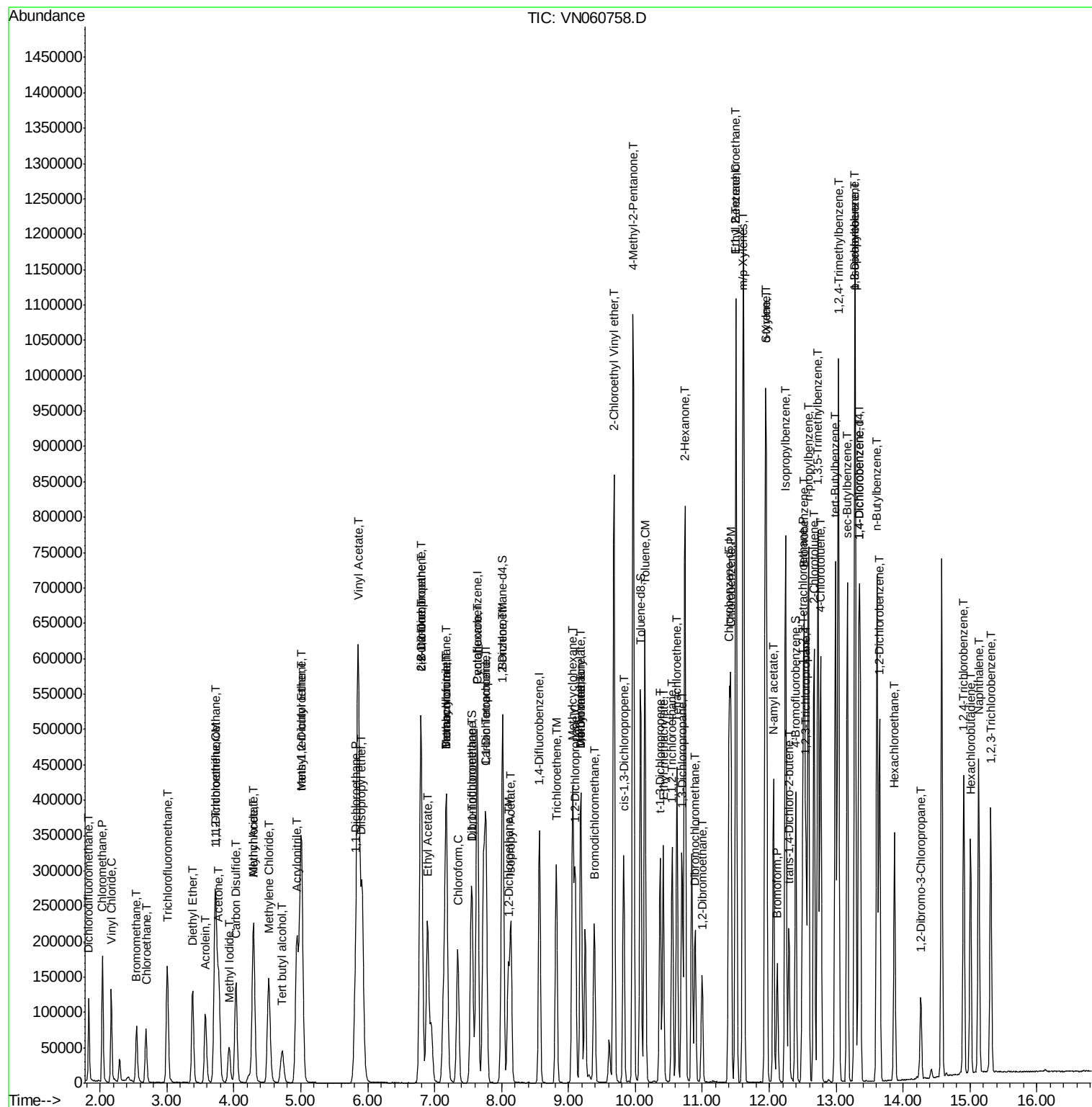
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 134931   | 51.168 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 65654    | 50.788 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 377019   | 47.534 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 128299   | 49.395 | ug/l  | 100      |

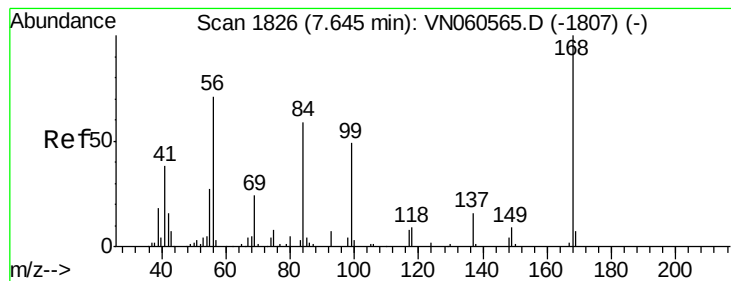
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN032720\  
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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

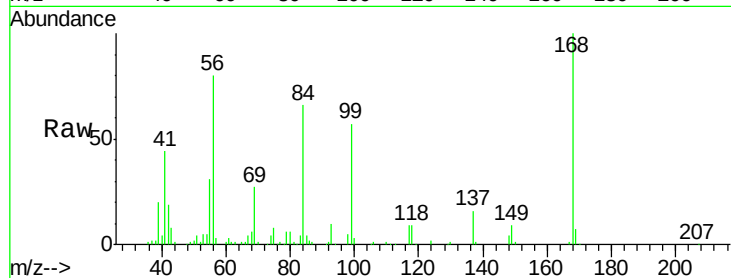
VSTDCCC050EC

Tgt Ion:168 Resp: 184155

Ion Ratio Lower Upper

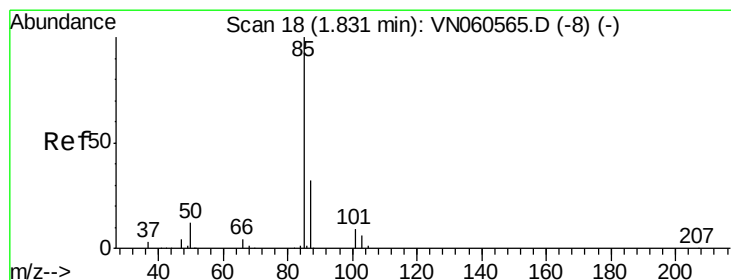
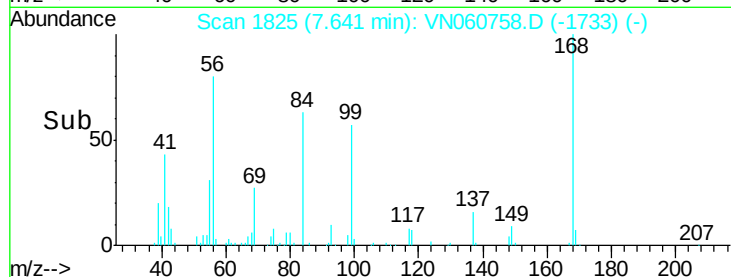
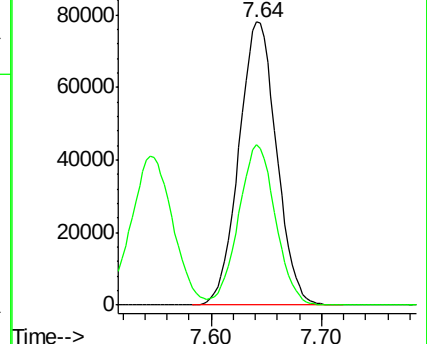
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.062 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060758.D

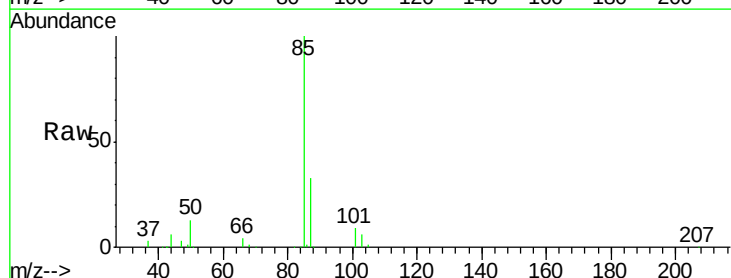
Acq: 27 Mar 2020 21:46

Tgt Ion: 85 Resp: 85640

Ion Ratio Lower Upper

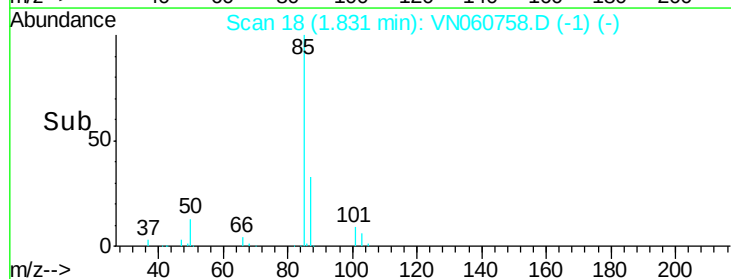
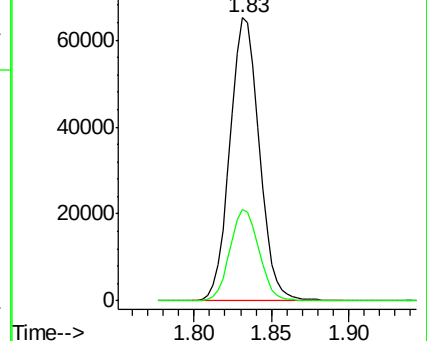
85 100

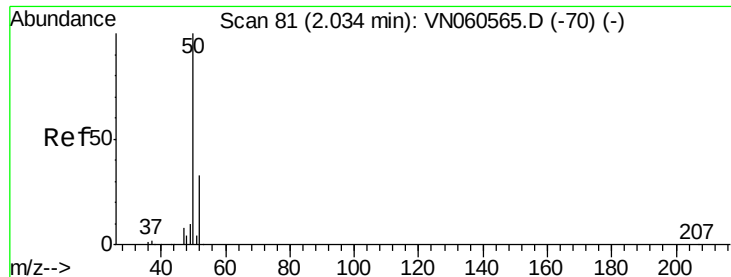
87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 45.630 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

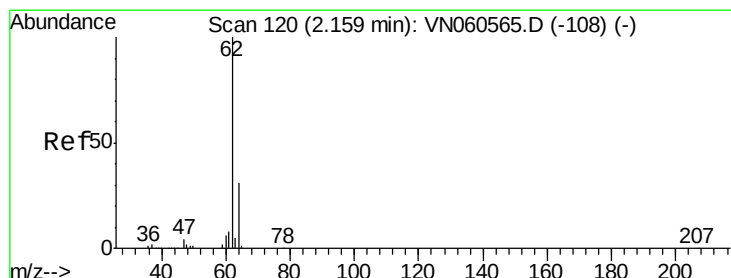
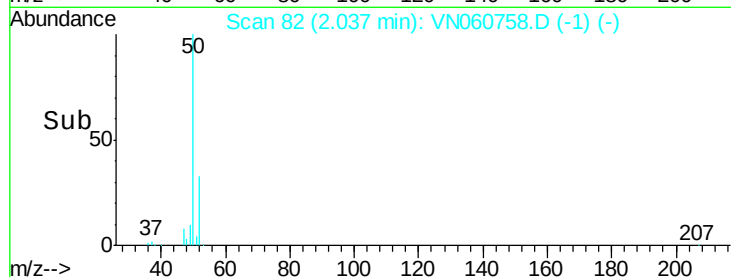
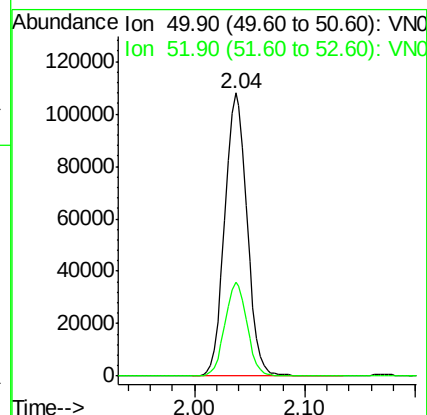
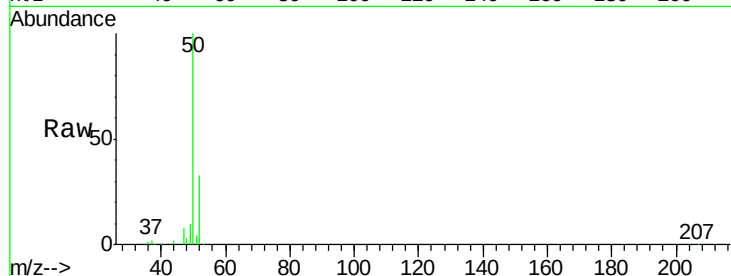
VSTDCCC050EC

Tgt Ion: 50 Resp: 151852

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 45.878 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060758.D

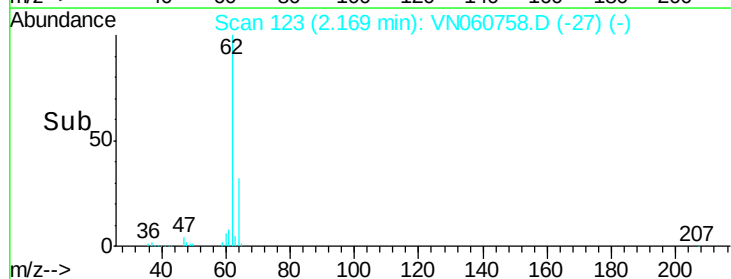
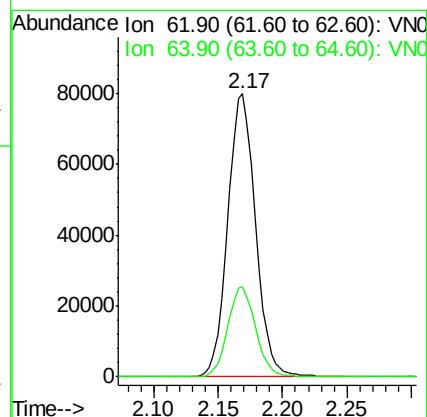
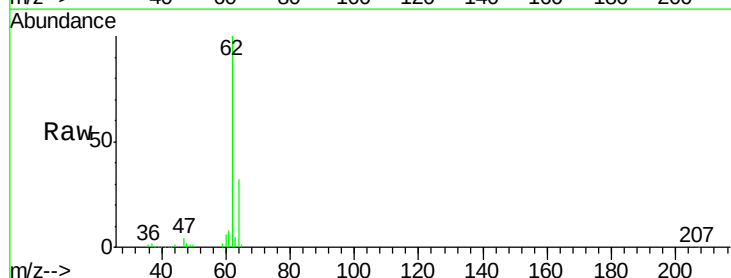
Acq: 27 Mar 2020 21:46

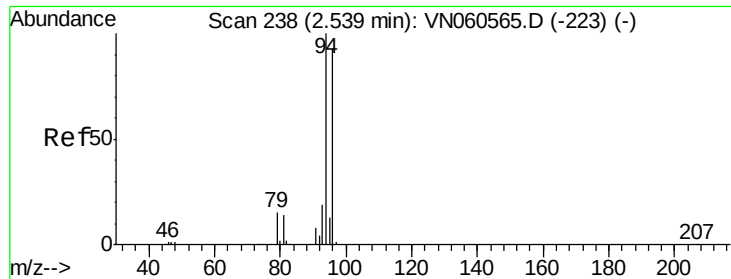
Tgt Ion: 62 Resp: 119420

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 50.761 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

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ClientSampleId :

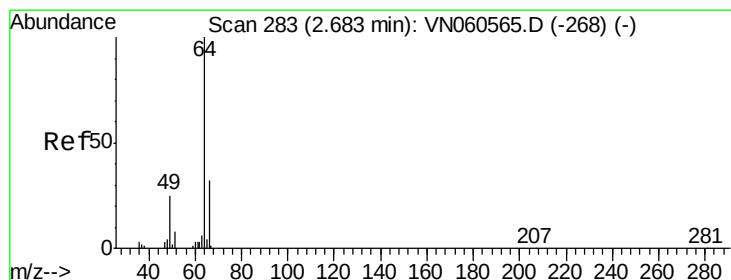
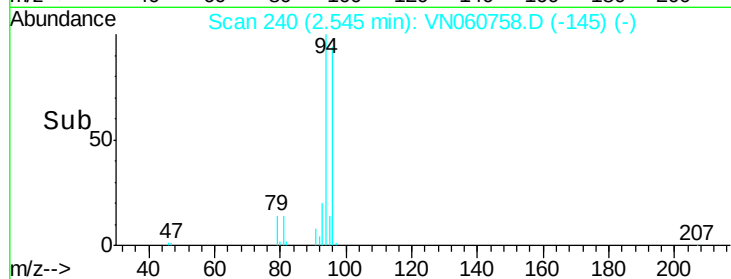
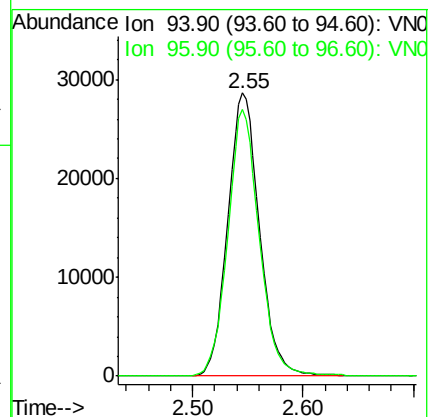
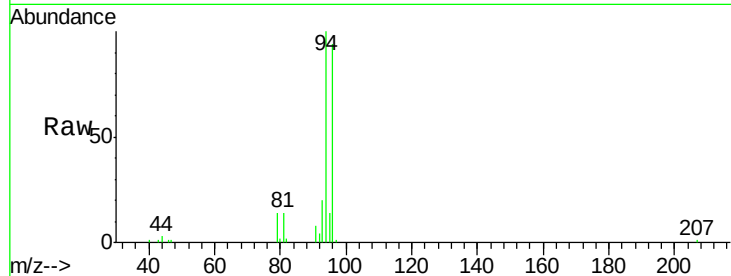
VSTDCCC050EC

Tgt Ion: 94 Resp: 57038

Ion Ratio Lower Upper

94 100

96 94.4 74.6 112.0



#6

Chloroethane

Concen: 50.118 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060758.D

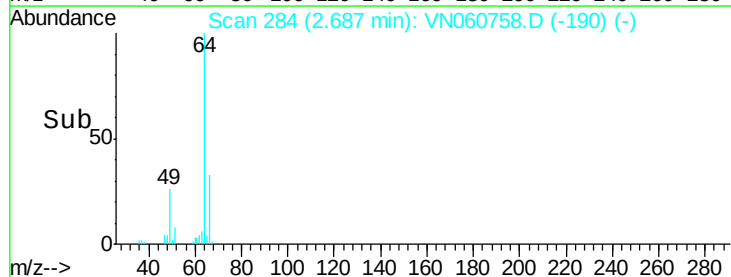
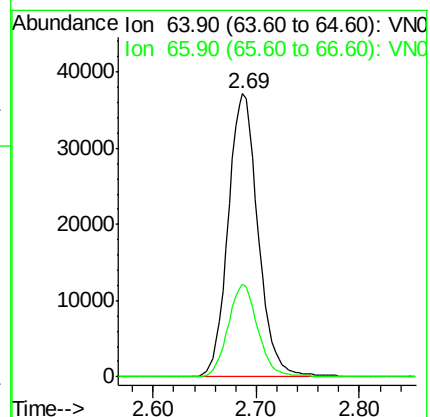
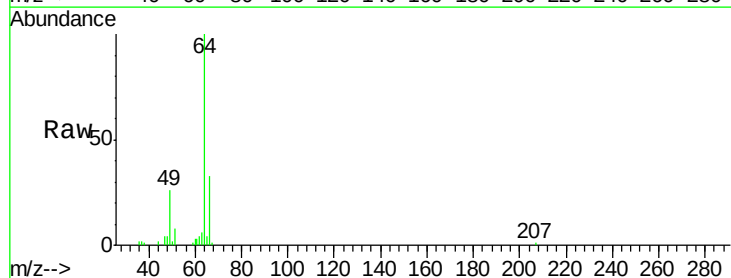
Acq: 27 Mar 2020 21:46

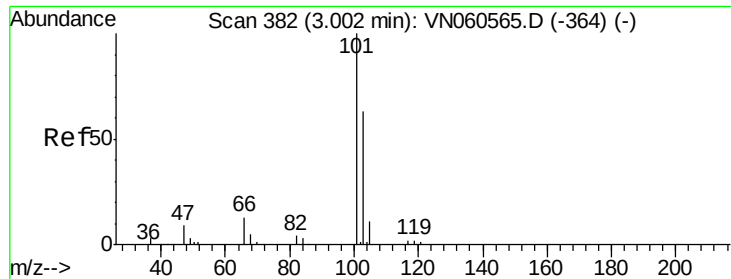
Tgt Ion: 64 Resp: 75148

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9



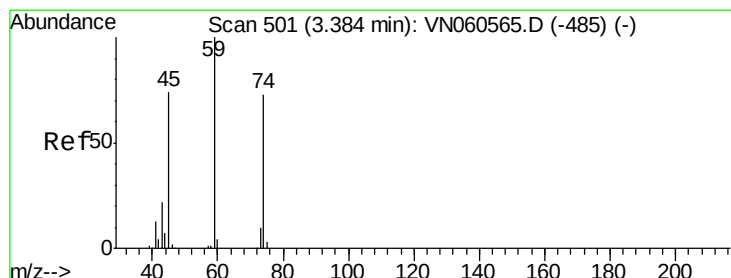
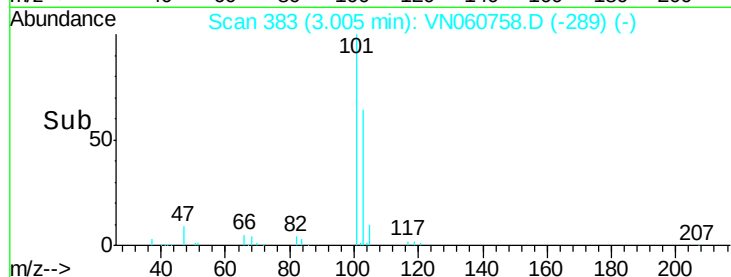
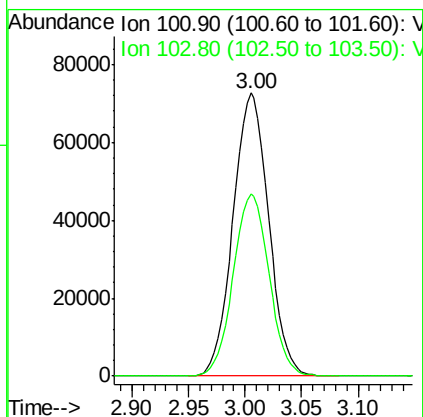
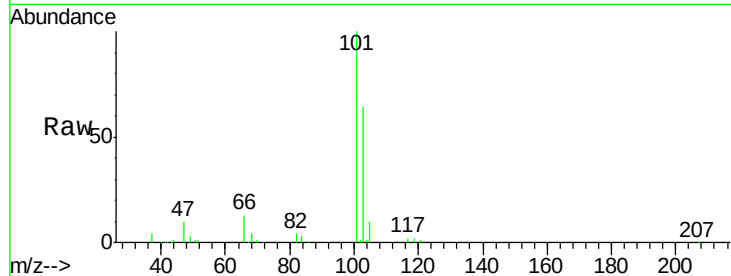


#7

Trichlorofluoromethane  
 Concen: 49.701 ug/l  
 RT: 3.00 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

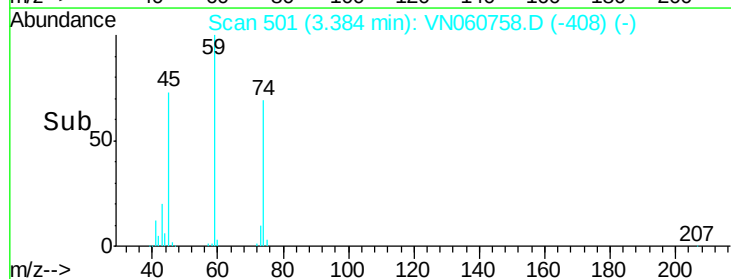
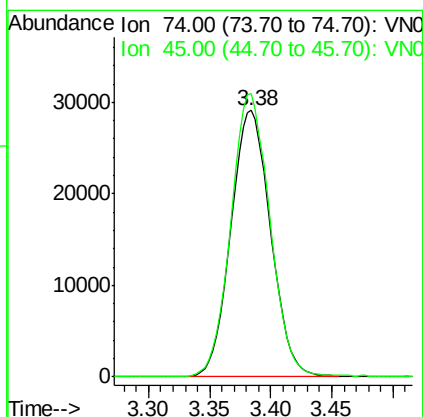
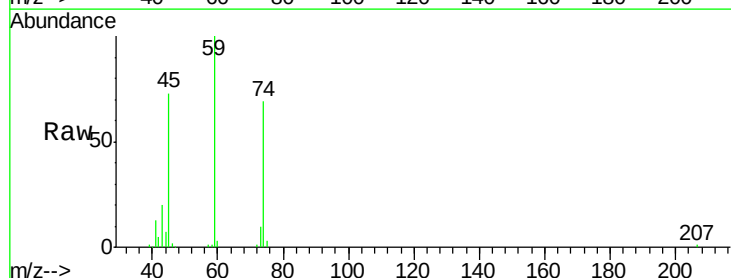
Tgt Ion:101 Resp: 159364  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 50.6 76.0



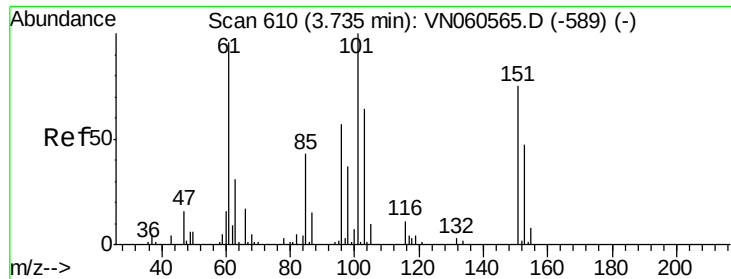
#8

Diethyl Ether  
 Concen: 51.016 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion: 74 Resp: 65714  
 Ion Ratio Lower Upper  
 74 100  
 45 104.5 51.3 153.9







#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.630 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

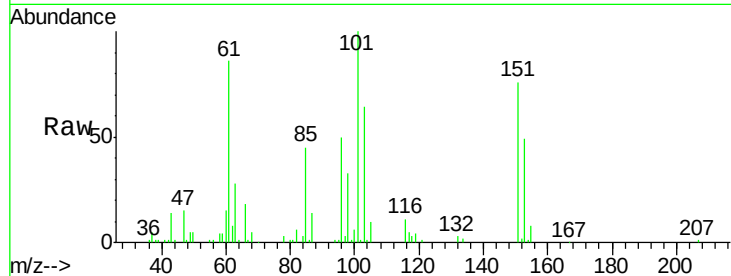
Tgt Ion:101 Resp: 94070

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

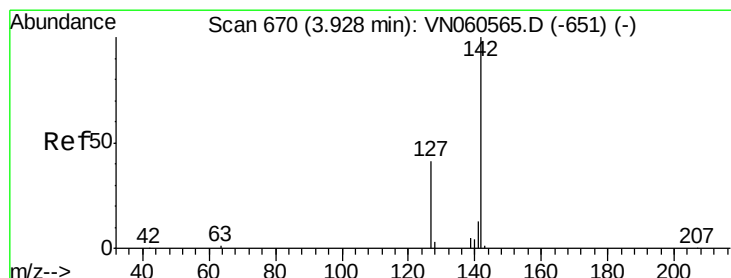
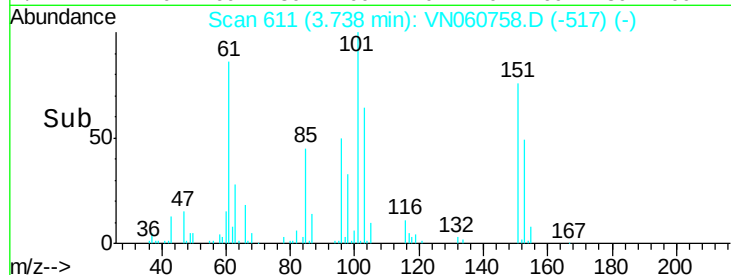
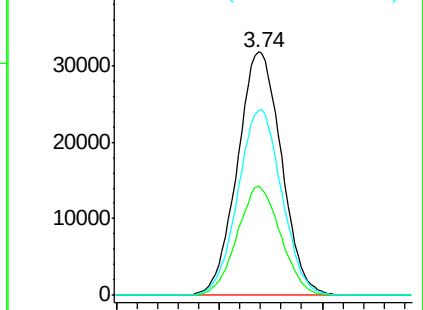
151 76.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.591 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

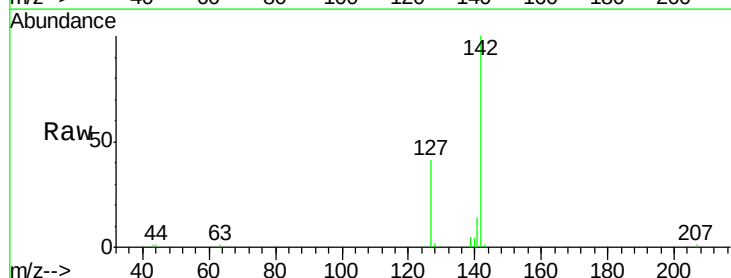
Tgt Ion:142 Resp: 81988

Ion Ratio Lower Upper

142 100

127 40.8 33.5 50.3

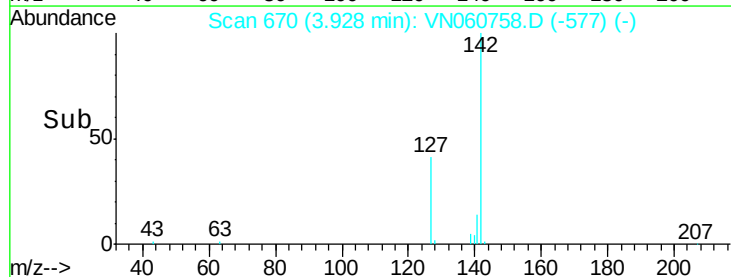
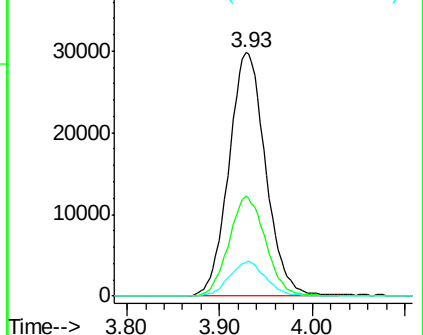
141 14.0 11.0 16.6

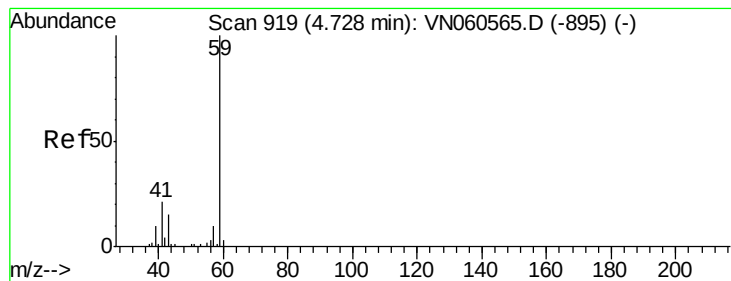


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



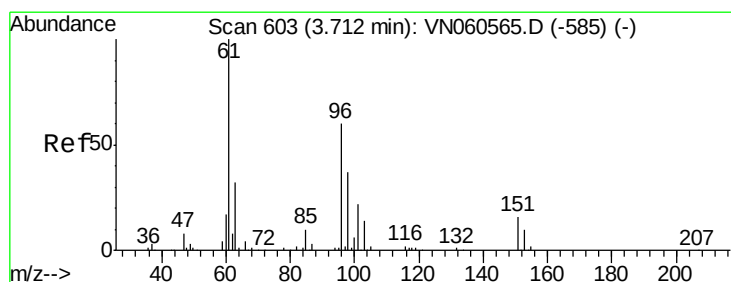
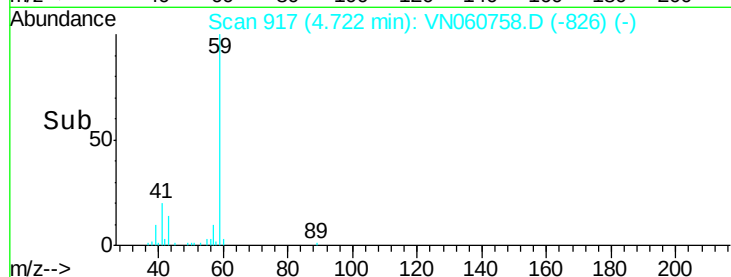
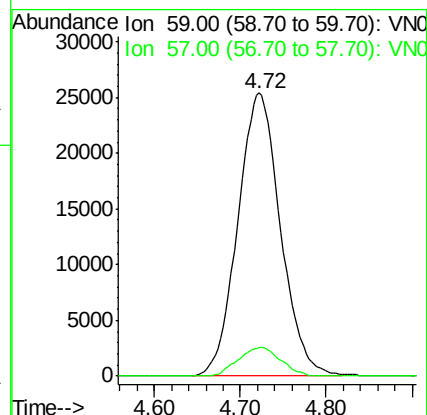
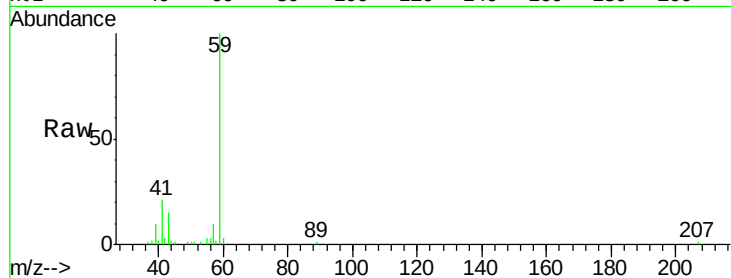


#11

Tert butyl alcohol  
Concen: 235.064 ug/l  
RT: 4.72 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

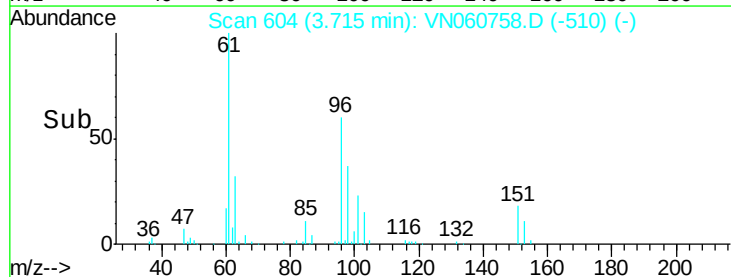
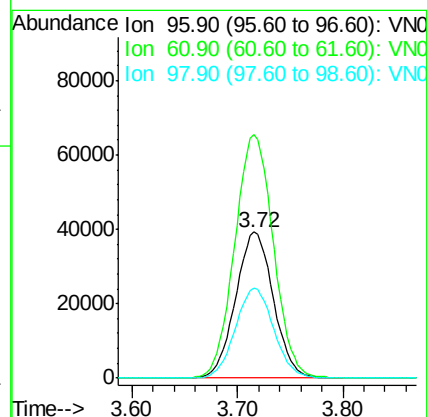
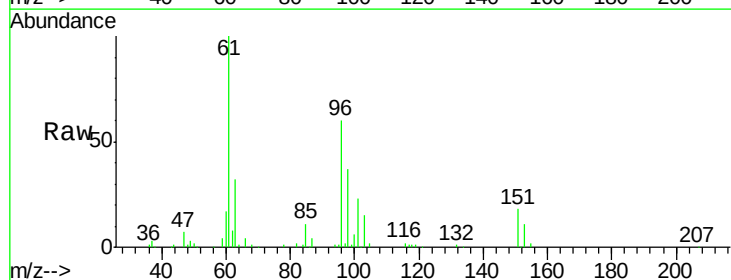
Tgt Ion: 59 Resp: 87395  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.2 12.4

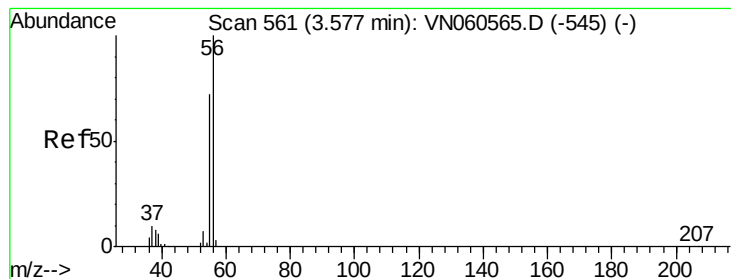


#12

1,1-Dichloroethene  
Concen: 49.047 ug/l  
RT: 3.72 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion: 96 Resp: 97791  
Ion Ratio Lower Upper  
96 100  
61 166.4 134.1 201.1  
98 61.3 49.9 74.9





#13

Acrolein

Concen: 268.795 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

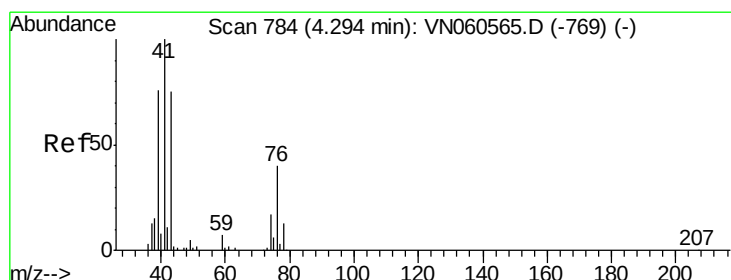
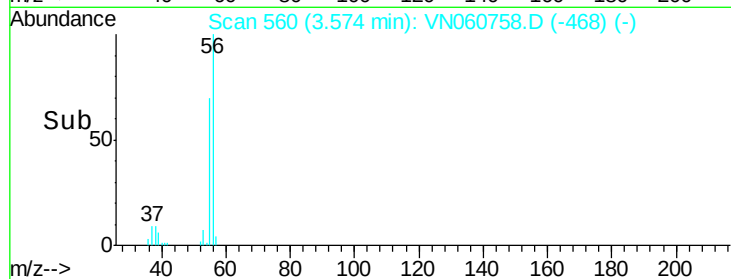
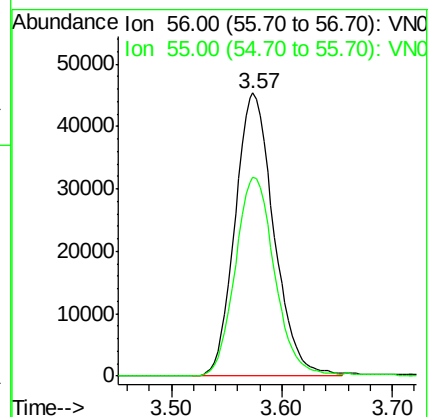
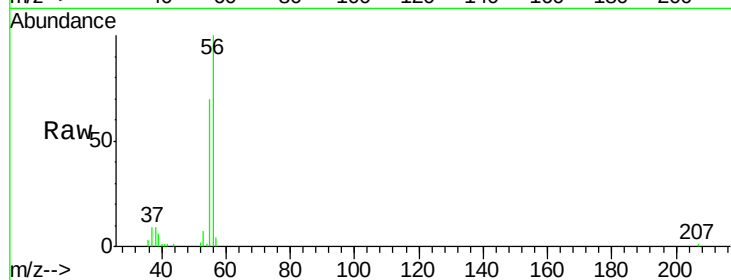
VSTDCCC050EC

Tgt Ion: 56 Resp: 110759

Ion Ratio Lower Upper

56 100

55 71.1 56.7 85.1



#14

Allyl chloride

Concen: 48.879 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

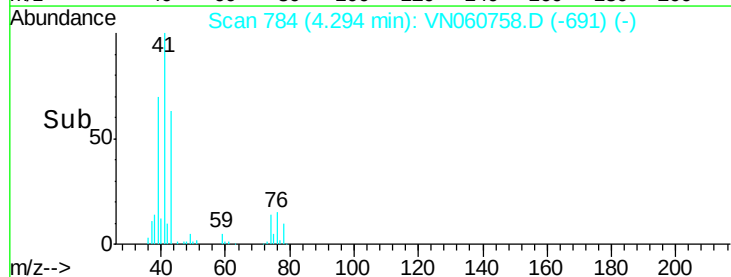
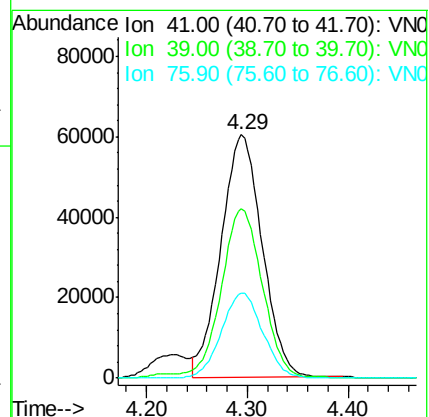
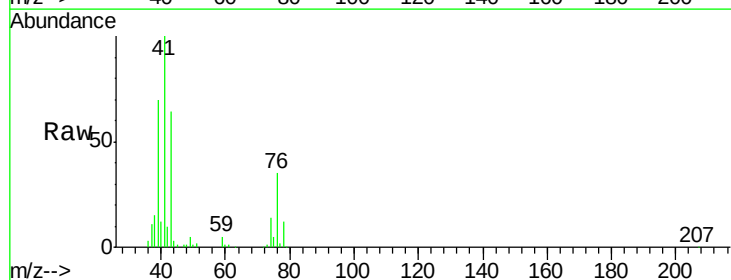
Tgt Ion: 41 Resp: 171405

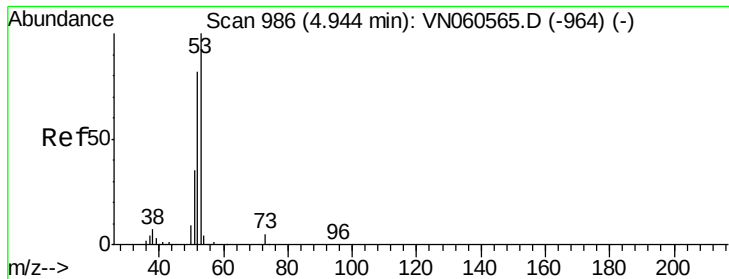
Ion Ratio Lower Upper

41 100

39 69.2 57.8 86.8

76 35.2 28.6 43.0





#15

Acrylonitrile

Concen: 247.757 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

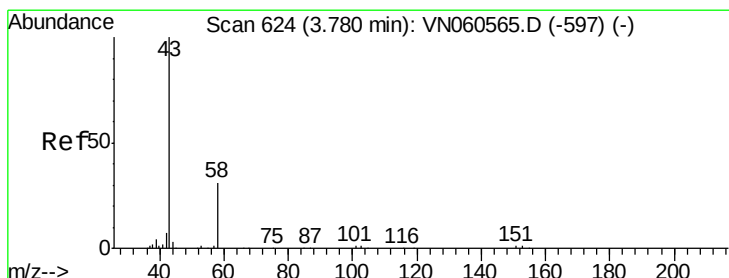
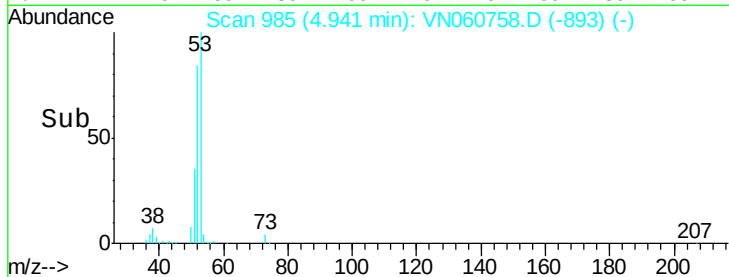
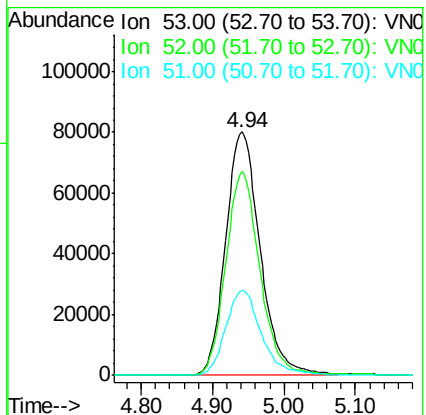
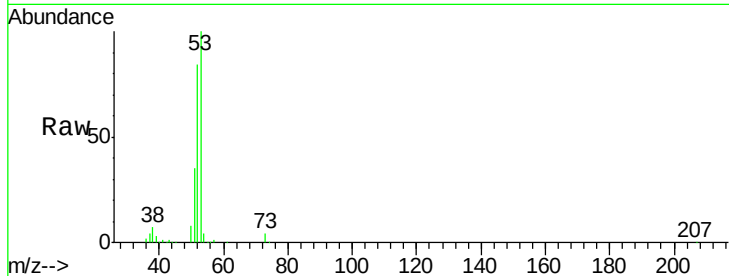
Tgt Ion: 53 Resp: 270871

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.4

51 36.1 28.7 43.1



#16

Acetone

Concen: 239.876 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060758.D

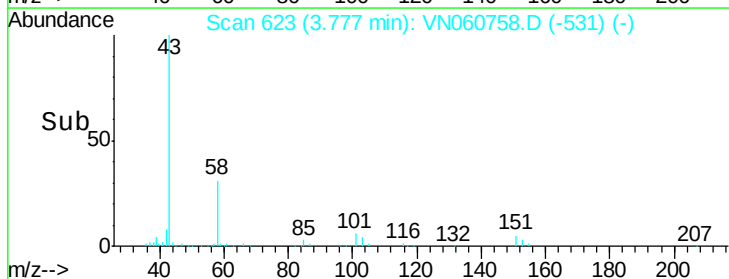
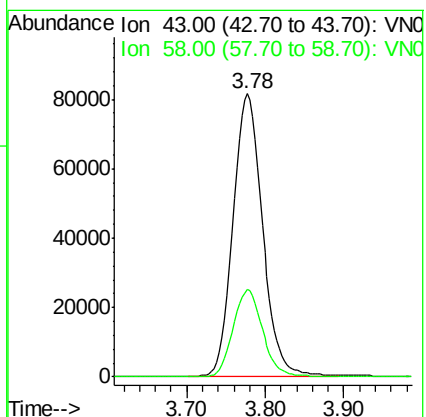
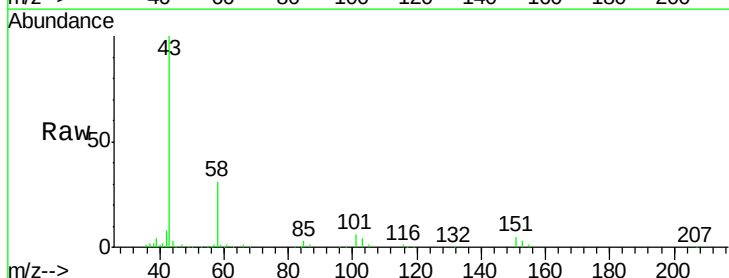
Acq: 27 Mar 2020 21:46

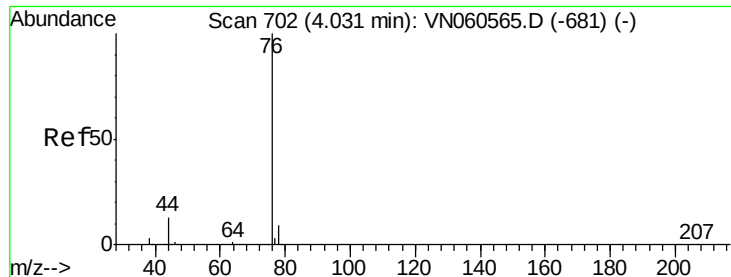
Tgt Ion: 43 Resp: 214804

Ion Ratio Lower Upper

43 100

58 30.7 25.1 37.7





#17

Carbon Disulfide

Concen: 47.029 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

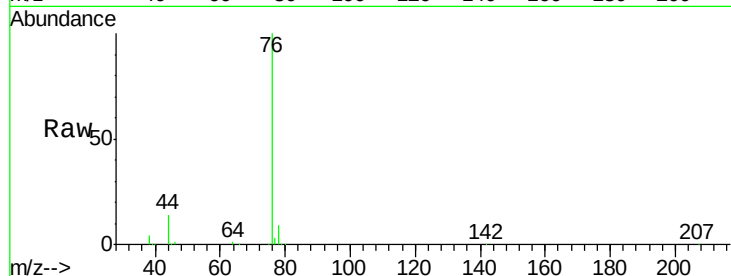
VSTDCCC050EC

Tgt Ion: 76 Resp: 285175

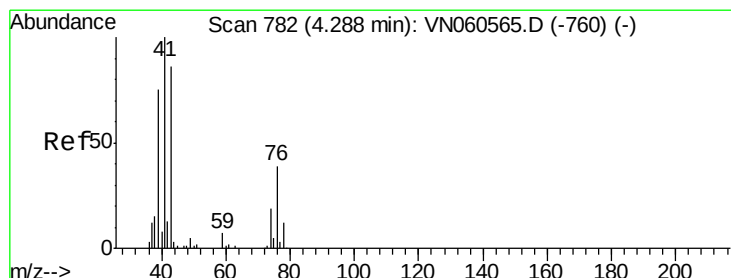
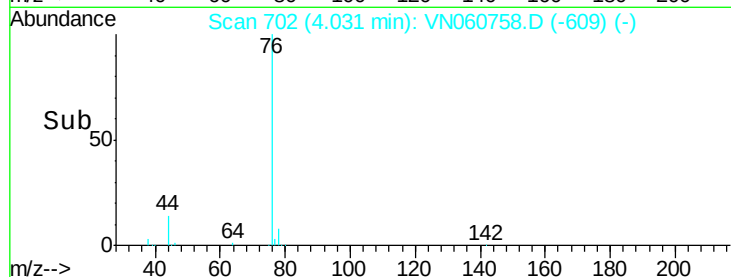
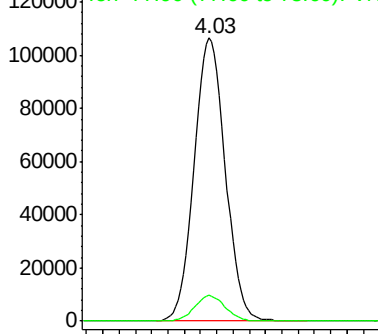
Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO  
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 49.510 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060758.D

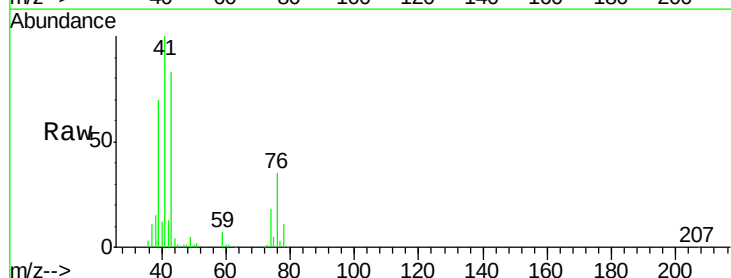
Acq: 27 Mar 2020 21:46

Tgt Ion: 43 Resp: 124791

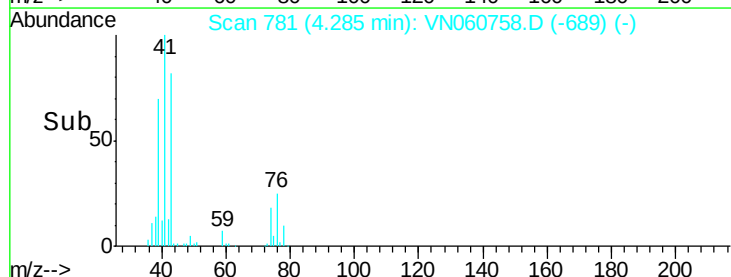
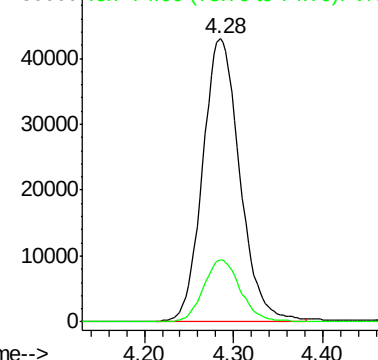
Ion Ratio Lower Upper

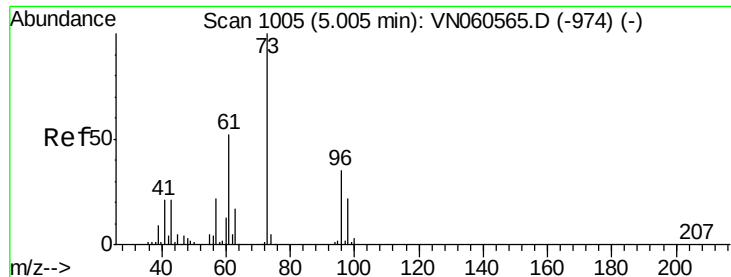
43 100

74 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 74.00 (73.70 to 74.70): VNO

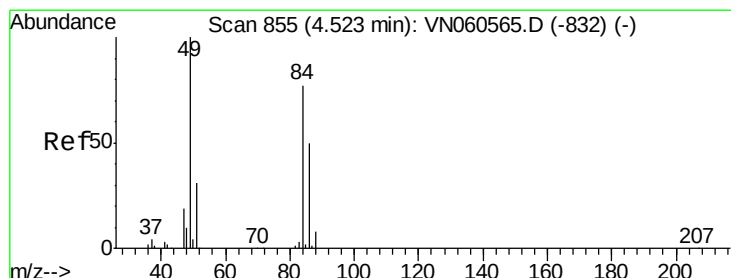
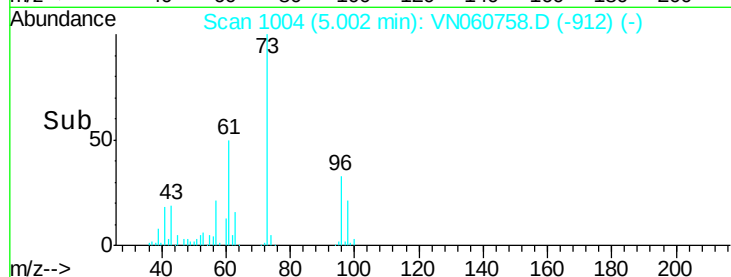
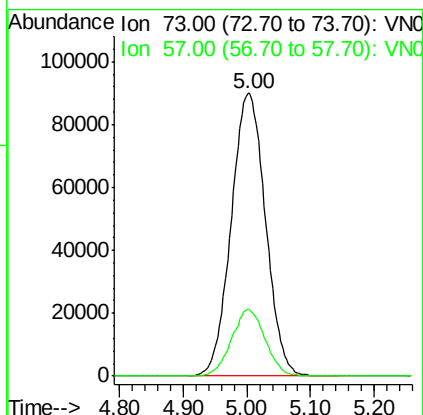
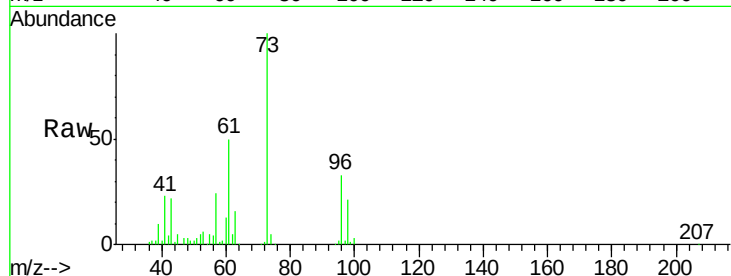




#19  
Methyl tert-butyl Ether  
Concen: 49.091 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

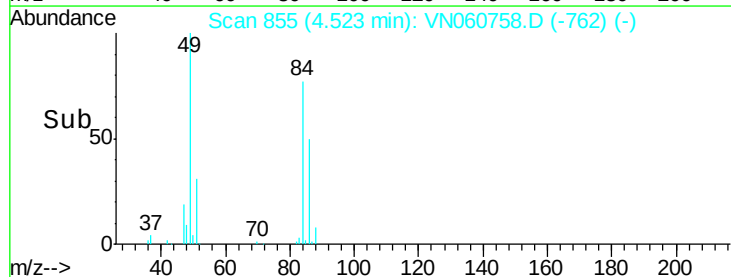
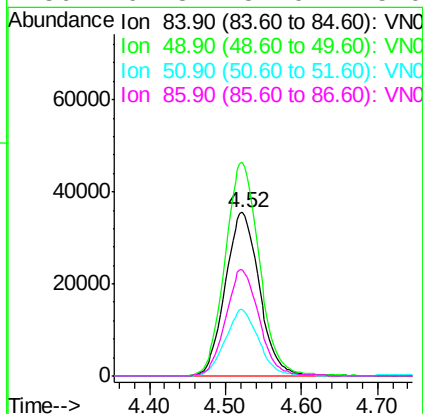
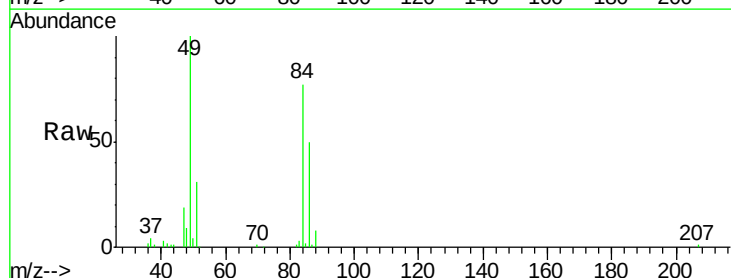
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

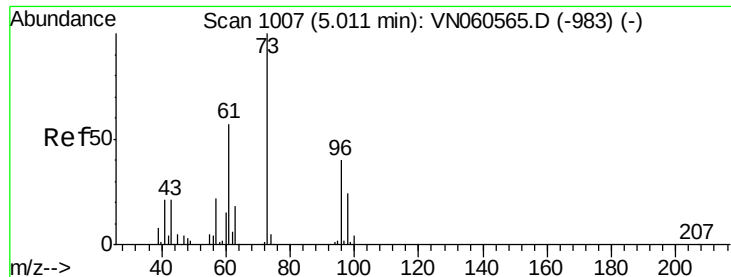
Tgt Ion: 73 Resp: 336521  
Ion Ratio Lower Upper  
73 100  
57 23.6 17.5 26.3



#20  
Methylene Chloride  
Concen: 50.372 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion: 84 Resp: 110962  
Ion Ratio Lower Upper  
84 100  
49 130.7 103.3 154.9  
51 40.8 31.6 47.4  
86 64.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 49.180 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

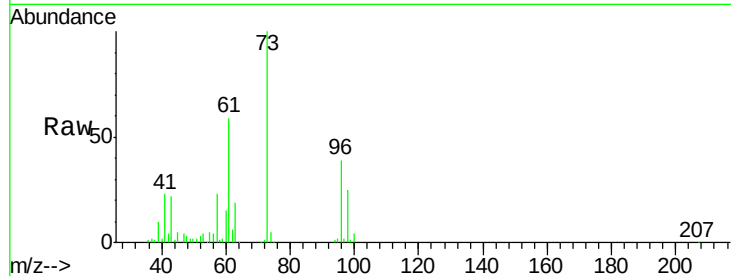
Tgt Ion: 96 Resp: 104507

Ion Ratio Lower Upper

96 100

61 152.7 114.4 171.6

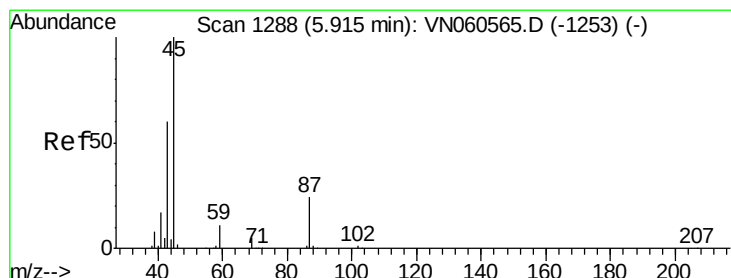
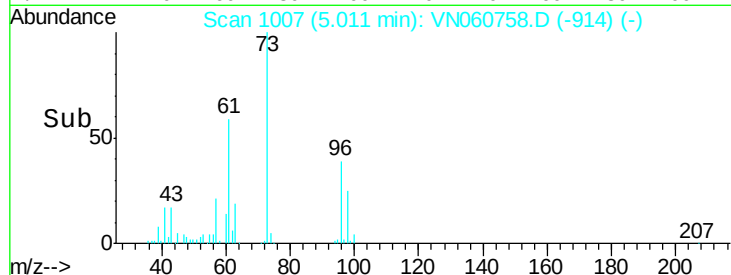
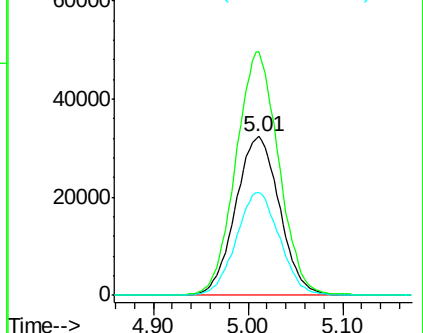
98 65.0 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060758.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN060758.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN060758.D (-914) (-)



#22

Diisopropyl ether

Concen: 52.502 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Tgt Ion: 45 Resp: 388966

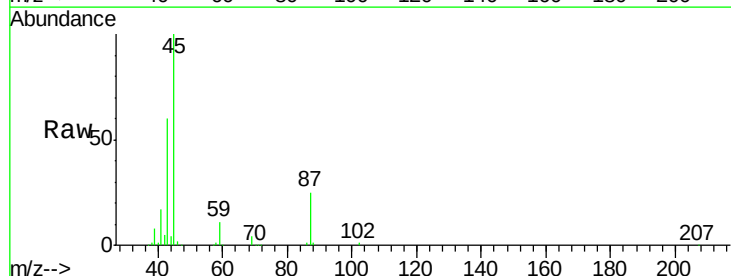
Ion Ratio Lower Upper

45 100

43 58.7 49.8 74.8

87 24.6 20.1 30.1

59 11.2 9.2 13.8

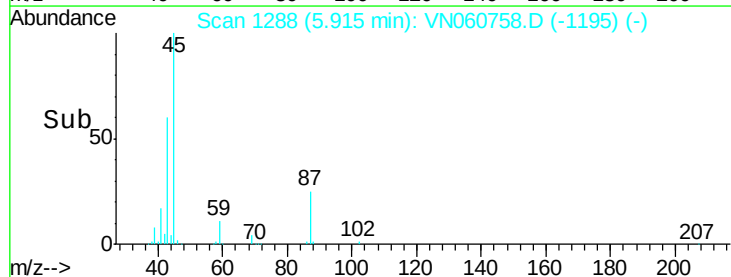
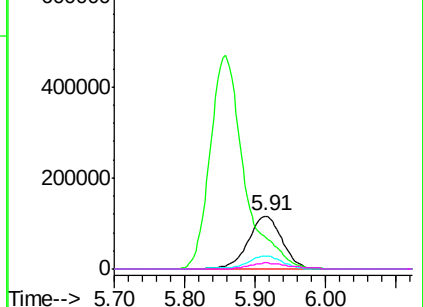


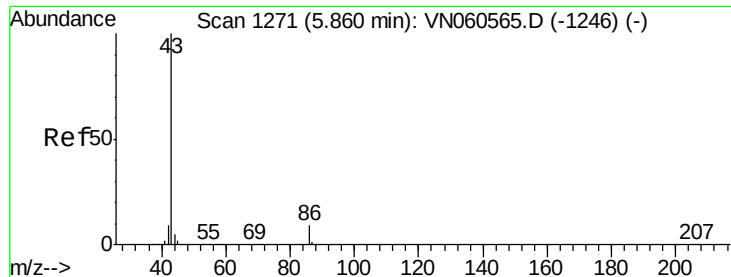
Abundance Ion 45.00 (44.70 to 45.70): VN060758.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060758.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060758.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060758.D (-1195) (-)





#23

Vinyl Acetate

Concen: 261.480 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

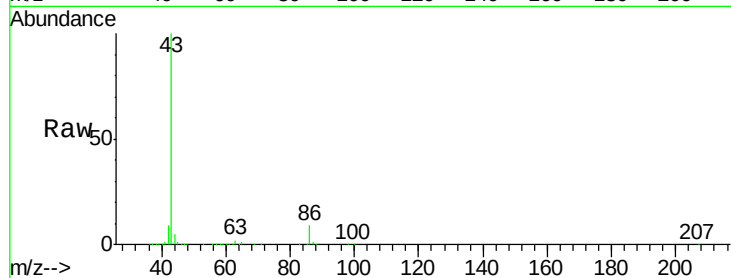
VSTDCCC050EC

Tgt Ion: 43 Resp: 1580590

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060758.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060758.D (-1178) (-)

5.86

500000

400000

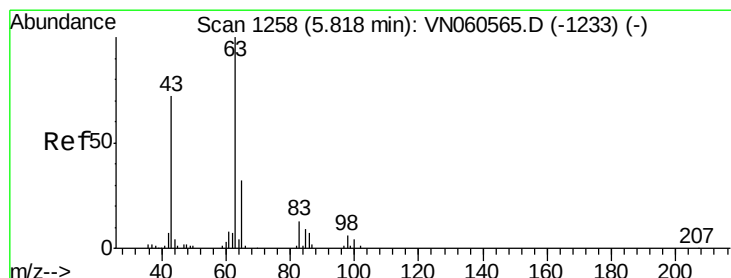
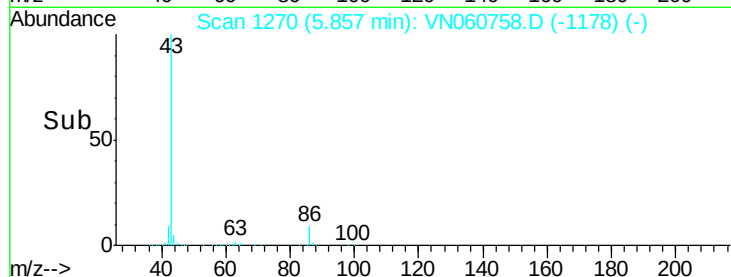
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.723 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

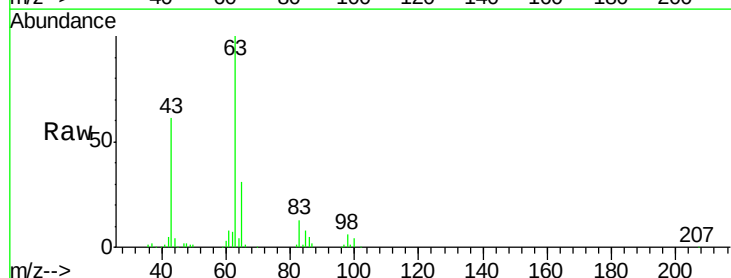
Tgt Ion: 63 Resp: 208898

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.9 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060758.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060758.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060758.D (-1165) (-)

5.82

80000

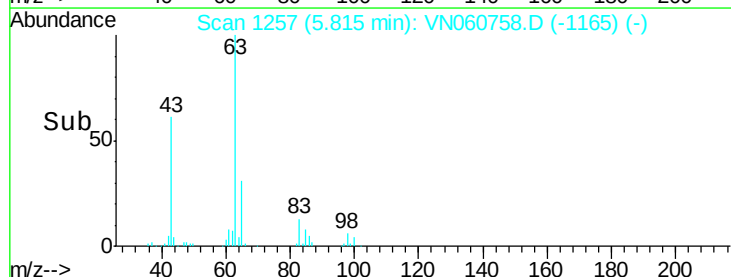
60000

40000

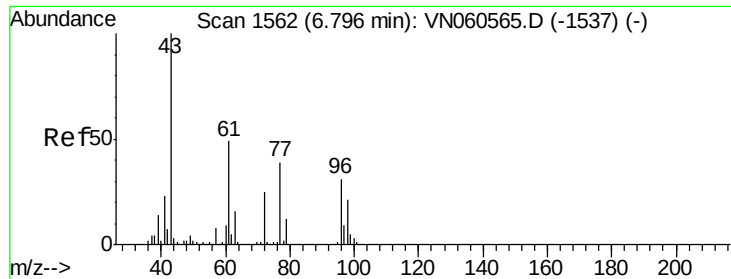
20000

0

Time-->



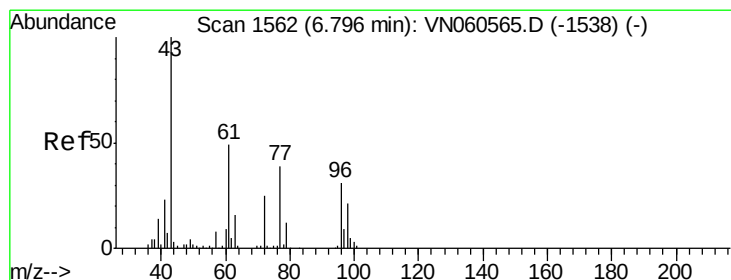
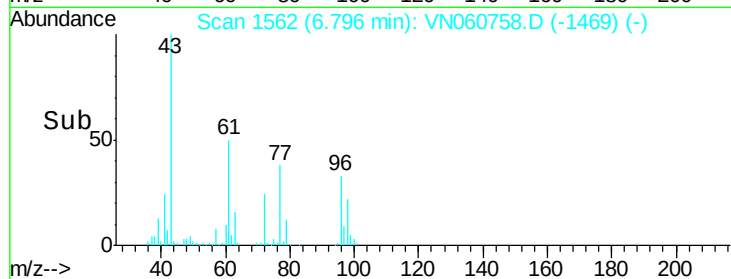
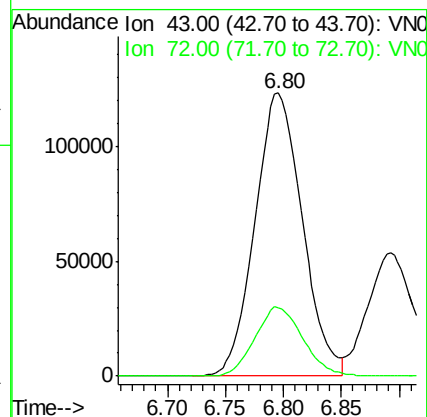
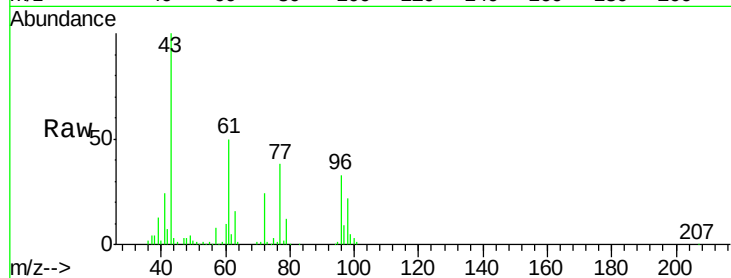




#25  
2-Butanone  
Concen: 242.088 ug/l  
RT: 6.80 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

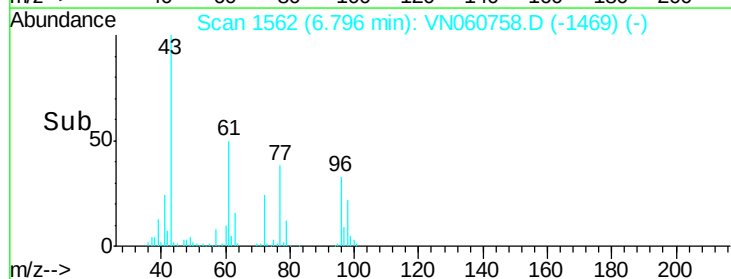
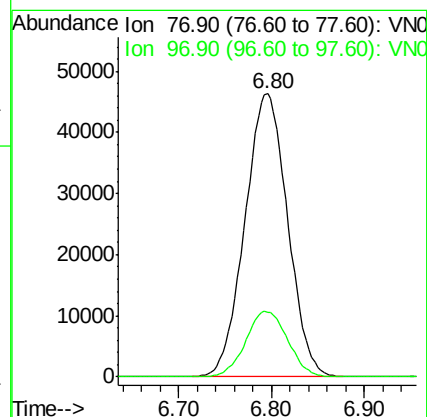
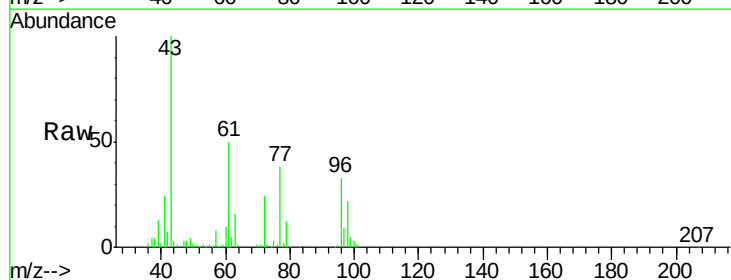
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

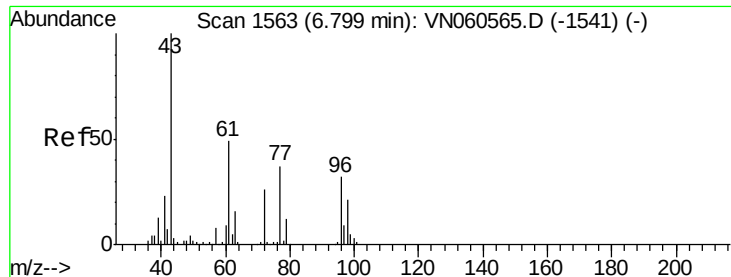
Tgt Ion: 43 Resp: 350795  
Ion Ratio Lower Upper  
43 100  
72 24.3 20.4 30.6



#26  
2,2-Dichloropropane  
Concen: 46.625 ug/l  
RT: 6.80 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion: 77 Resp: 148160  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.307 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

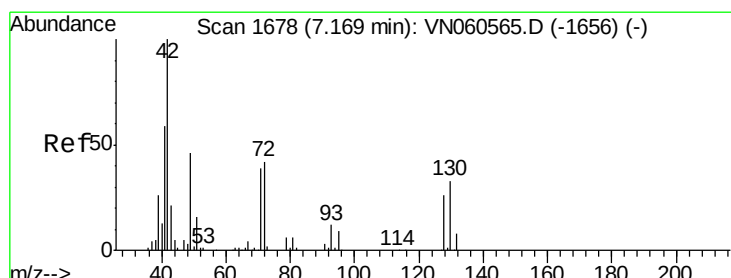
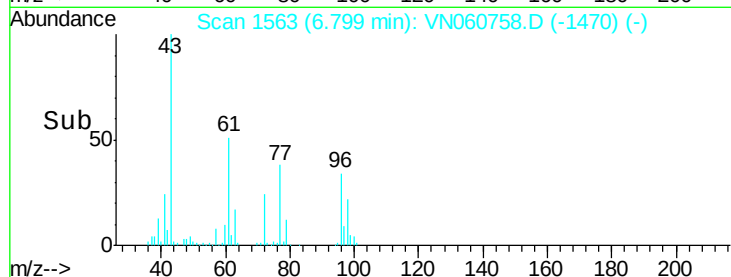
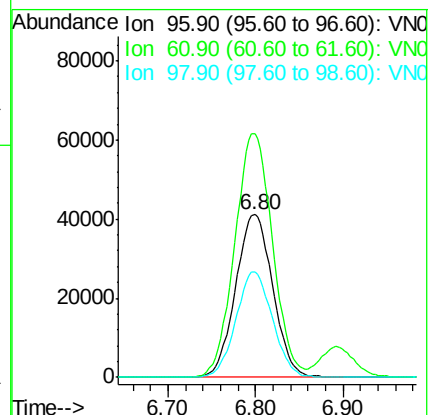
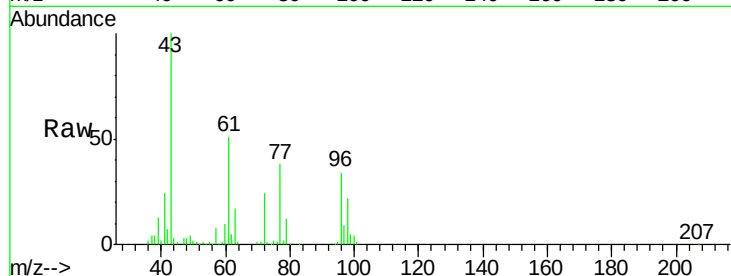
Tgt Ion: 96 Resp: 121481

Ion Ratio Lower Upper

96 100

61 151.7 0.0 305.6

98 63.6 0.0 127.6



#28

Bromochloromethane

Concen: 52.432 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

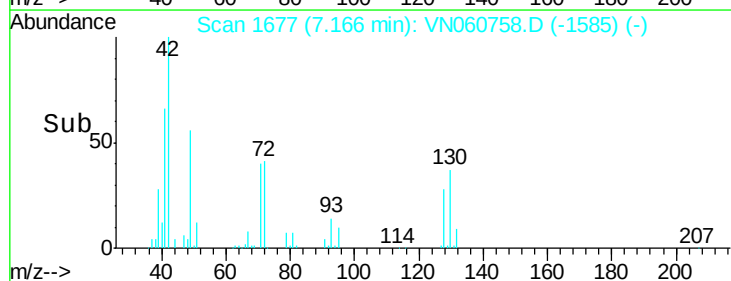
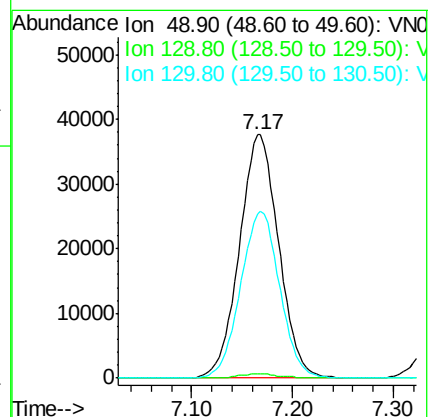
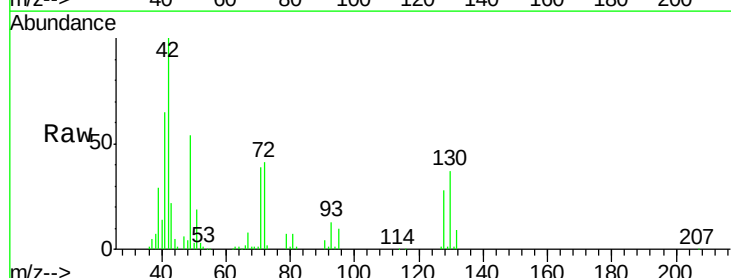
Tgt Ion: 49 Resp: 101315

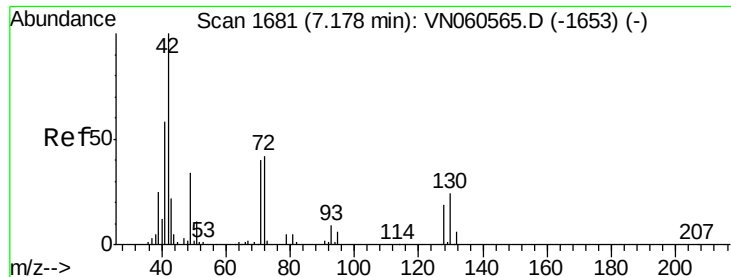
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 68.3 55.0 82.4

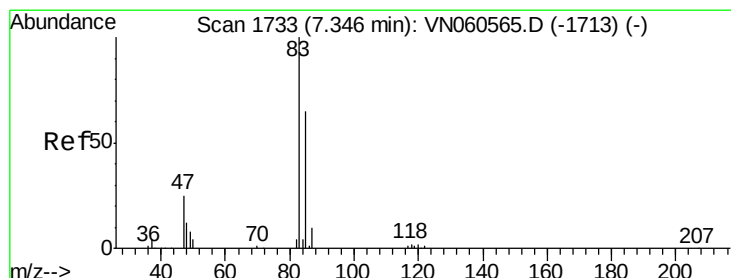
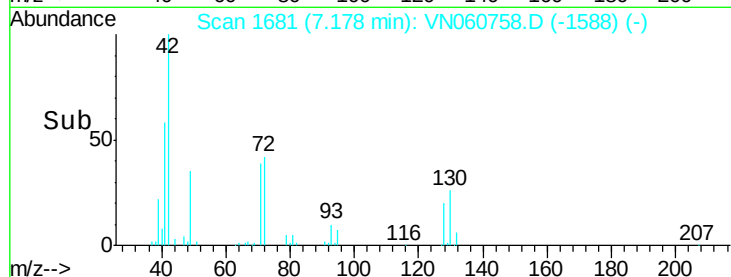
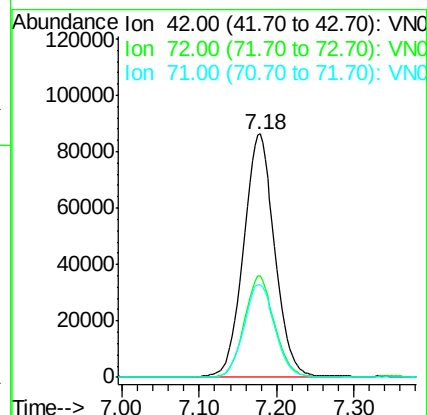
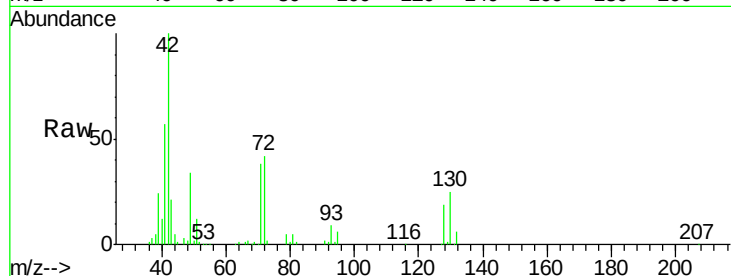




#29  
Tetrahydrofuran  
Concen: 235.467 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

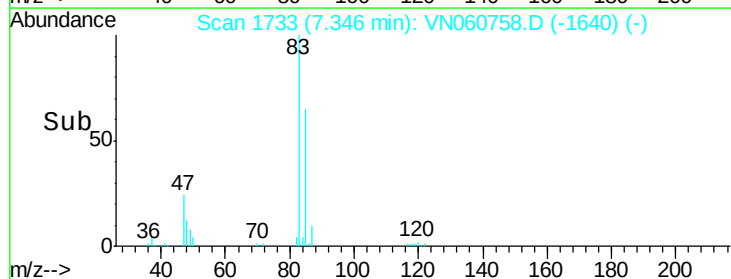
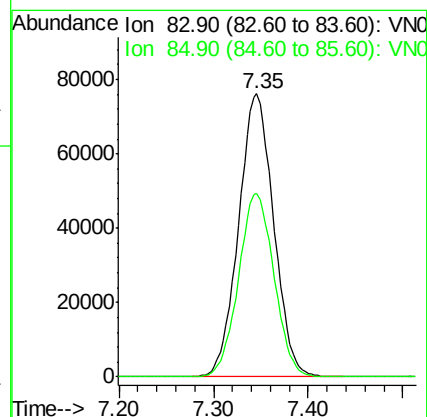
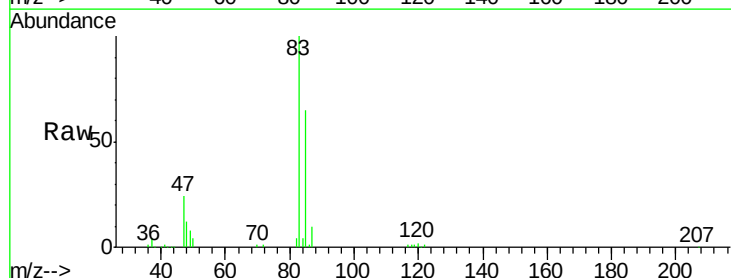
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

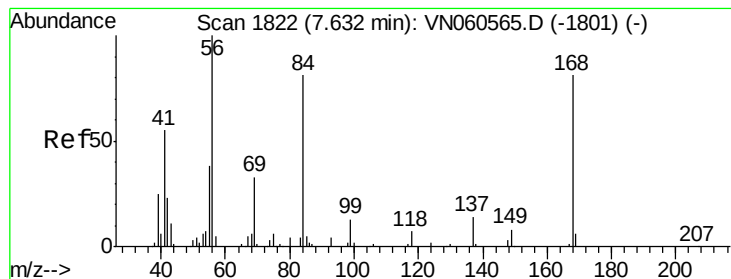
Tgt Ion: 42 Resp: 241414  
Ion Ratio Lower Upper  
42 100  
72 40.2 33.2 49.8  
71 38.0 31.1 46.7



#30  
Chloroform  
Concen: 50.593 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion: 83 Resp: 195887  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.8 77.8





#31

Cyclohexane

Concen: 47.567 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

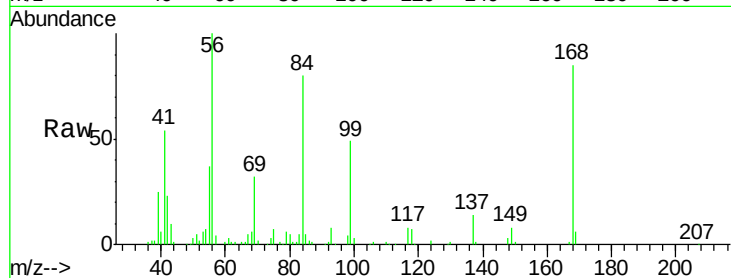
Tgt Ion: 56 Resp: 193676

Ion Ratio Lower Upper

56 100

69 32.4 26.6 40.0

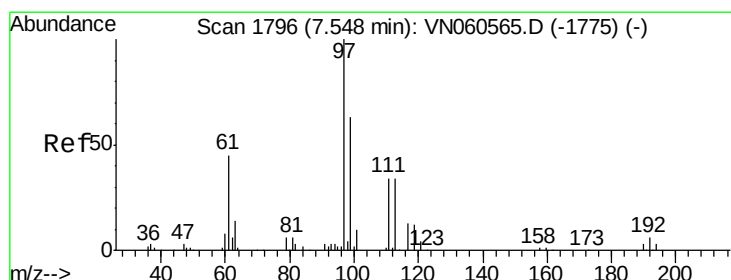
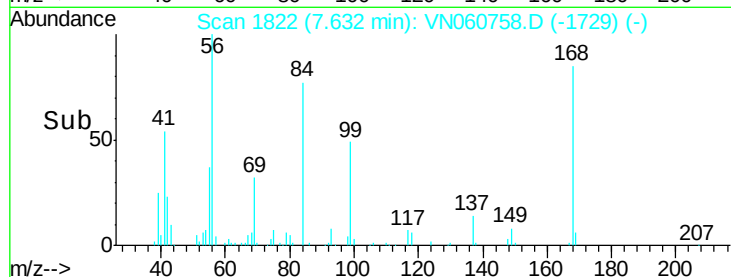
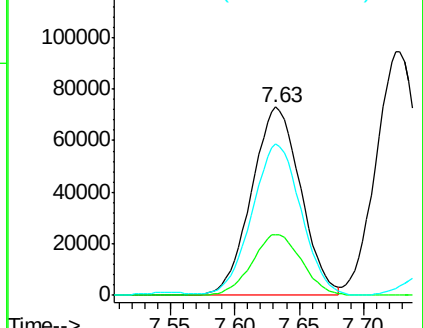
84 79.5 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060758.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060758.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060758.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 51.049 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

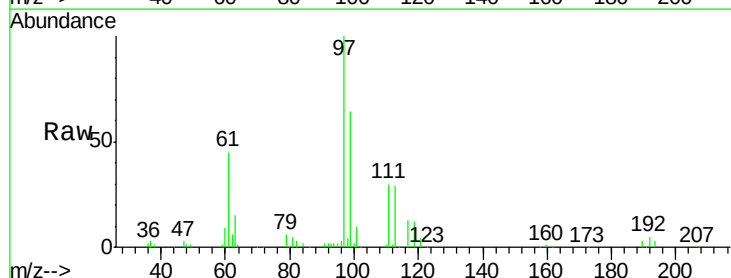
Tgt Ion: 97 Resp: 170390

Ion Ratio Lower Upper

97 100

99 63.8 50.6 75.8

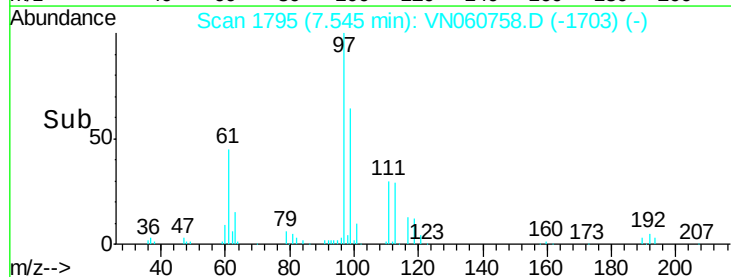
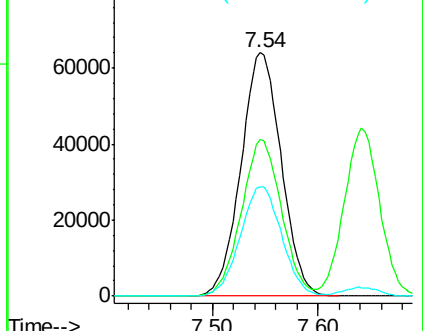
61 46.1 36.2 54.4

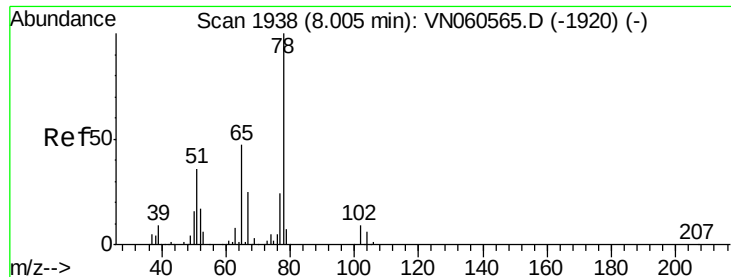


Abundance Ion 96.90 (96.60 to 97.60): VN060758.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060758.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060758.D (-1703) (-)

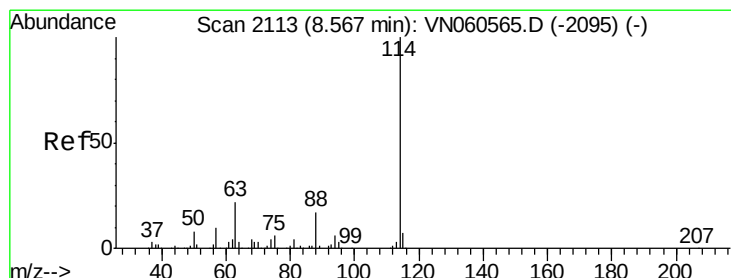
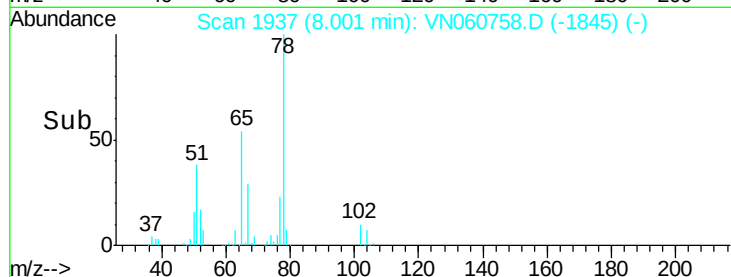
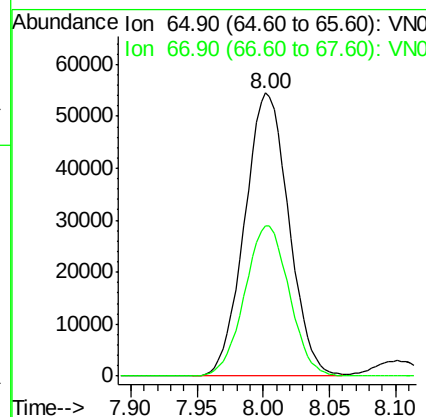
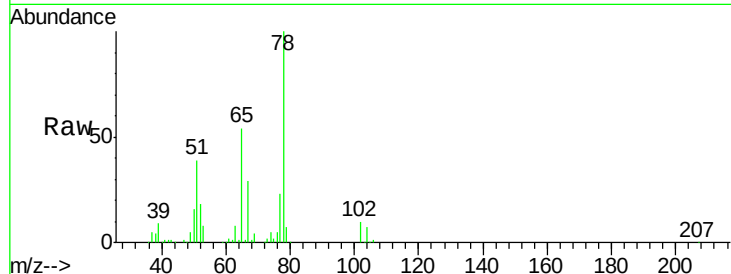




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.990 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

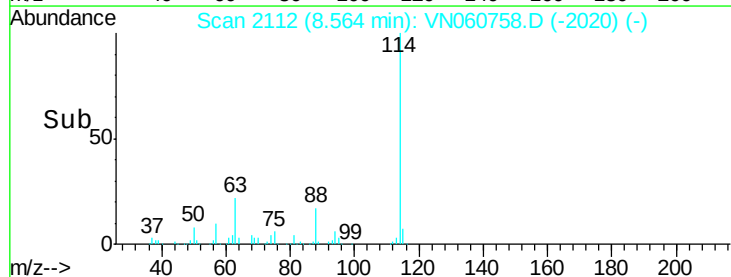
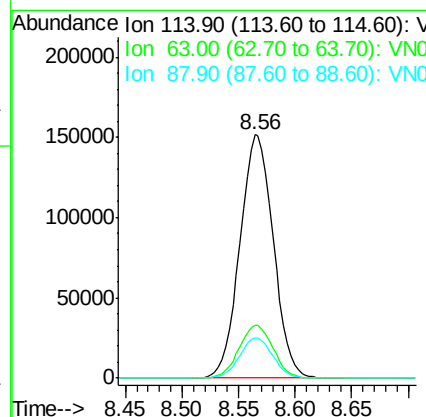
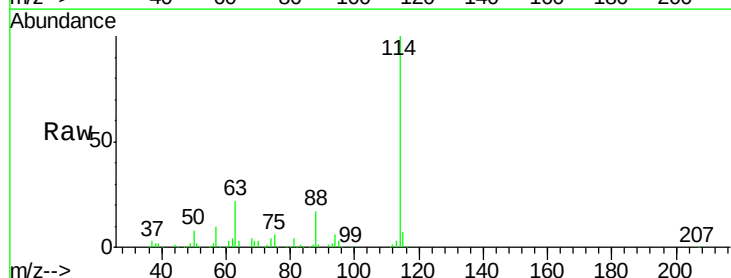
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

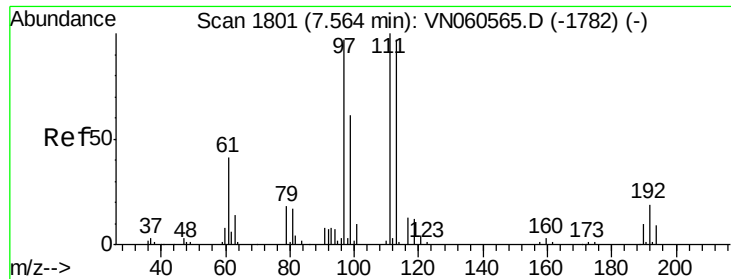
Tgt Ion: 65 Resp: 126377  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 107.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.56 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion: 114 Resp: 312182  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 43.8  
 88 16.6 0.0 33.0

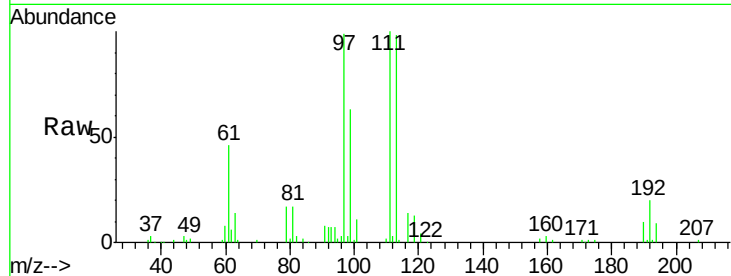




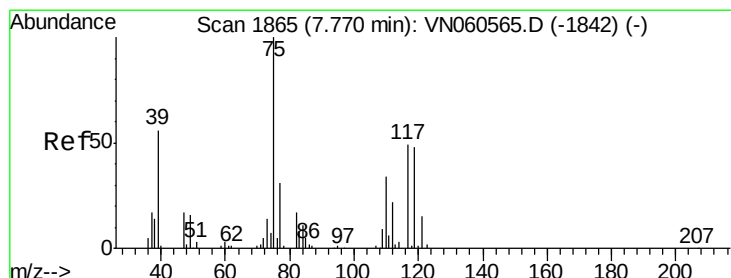
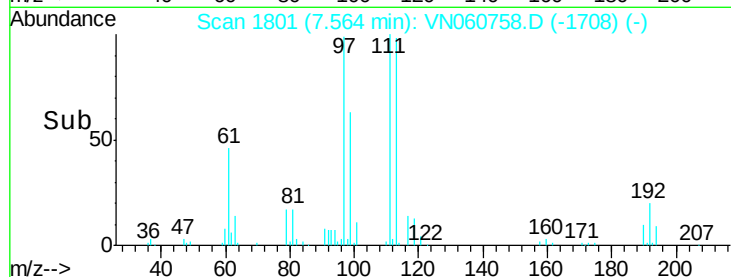
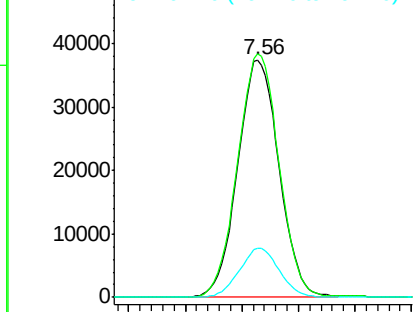
#35  
 Dibromofluoromethane  
 Concen: 50.405 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:113 Resp: 95147  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 82.9 124.3  
 192 20.0 15.8 23.8

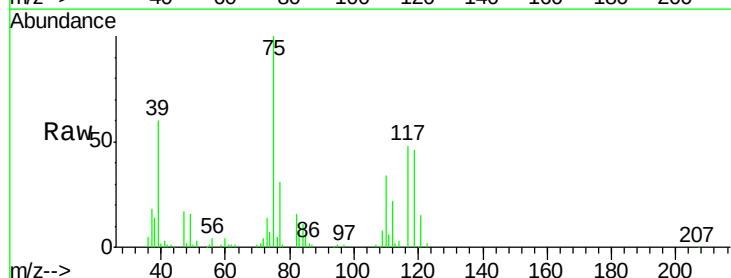


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

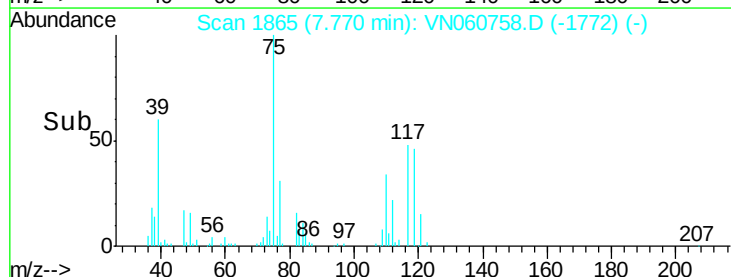
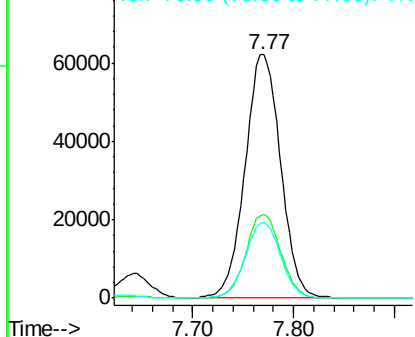


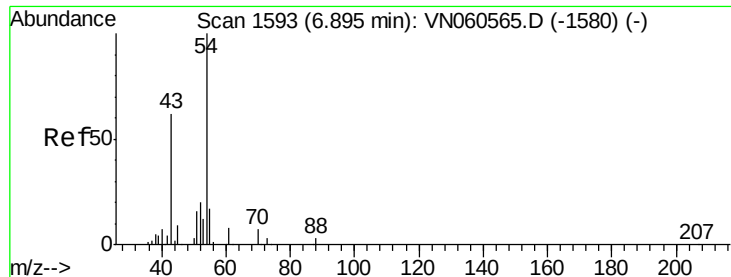
#36  
 1,1-Dichloropropene  
 Concen: 50.193 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion: 75 Resp: 151729  
 Ion Ratio Lower Upper  
 75 100  
 110 33.7 16.9 50.6  
 77 31.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V

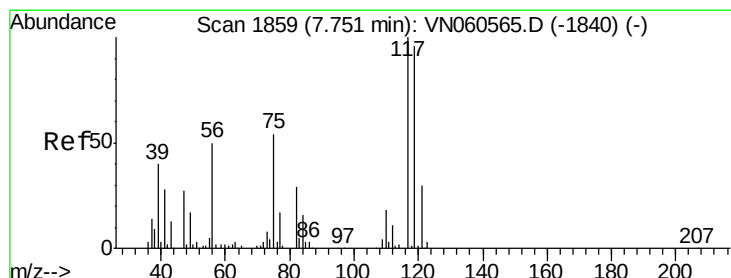
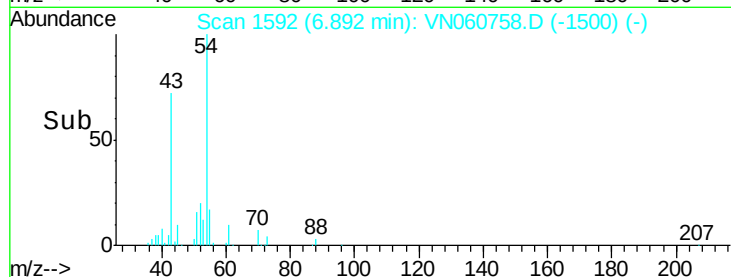
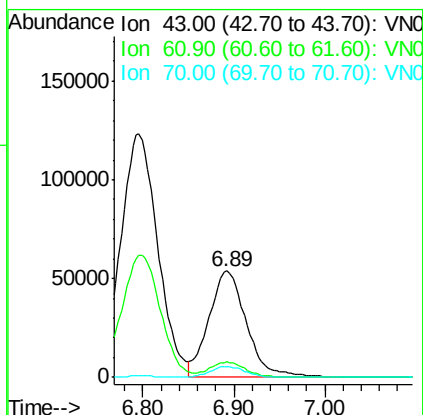
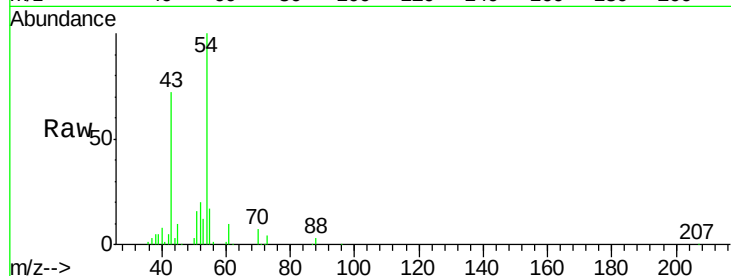




#37  
**Ethyl Acetate**  
 Concen: 46.770 ug/l  
 RT: 6.89 min Scan# 1592  
 Delta R.T. -0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

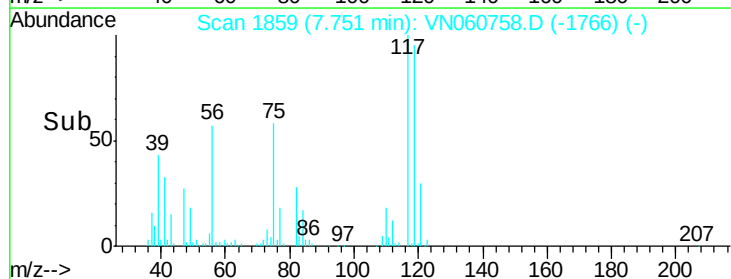
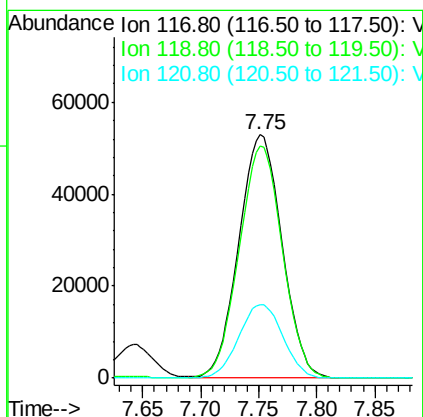
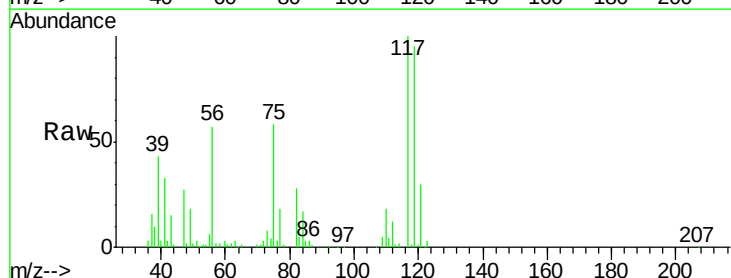
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

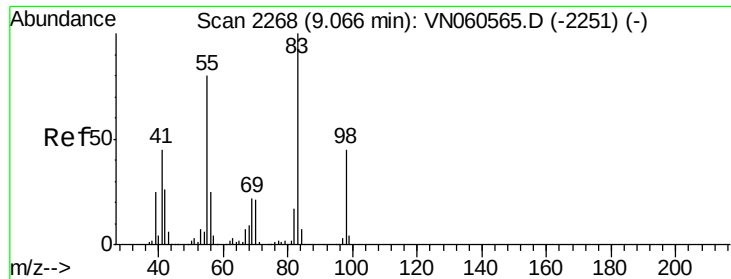
Tgt Ion: 43 Resp: 152766  
 Ion Ratio Lower Upper  
 43 100  
 61 14.0 10.6 15.8  
 70 9.8 7.9 11.9



#38  
**Carbon Tetrachloride**  
 Concen: 50.785 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion: 117 Resp: 137590  
 Ion Ratio Lower Upper  
 117 100  
 119 95.2 76.2 114.2  
 121 30.3 23.7 35.5

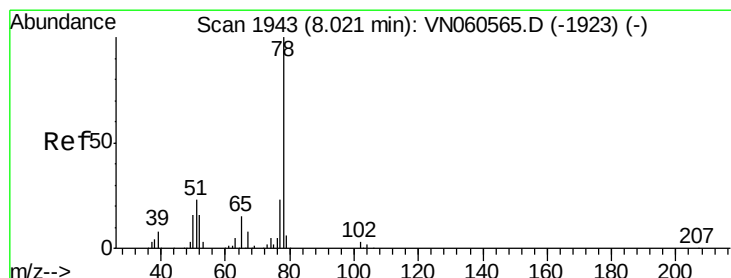
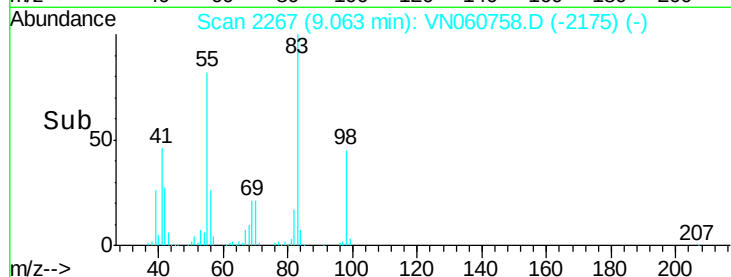
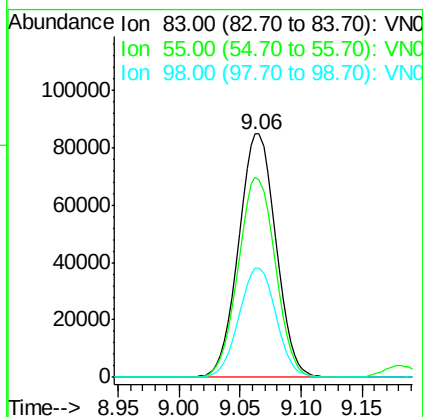
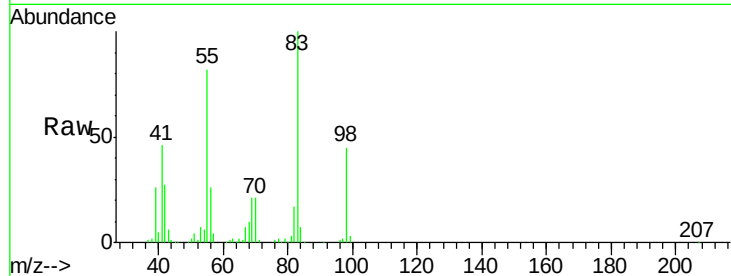




#39  
Methylcyclohexane  
Concen: 49.816 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

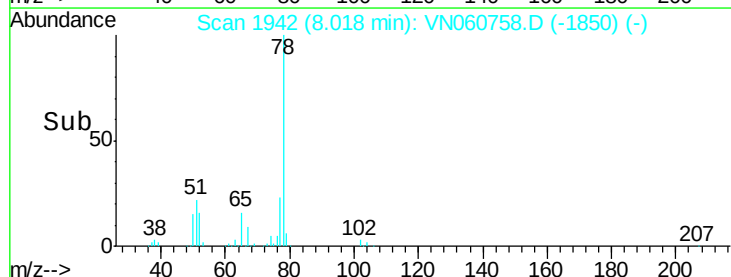
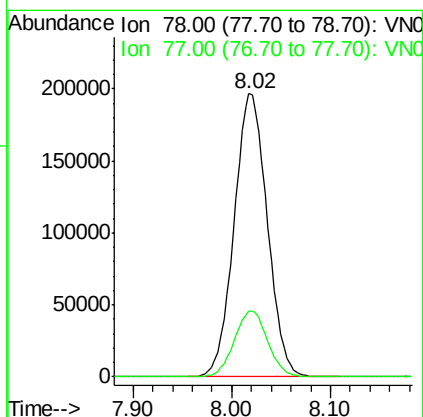
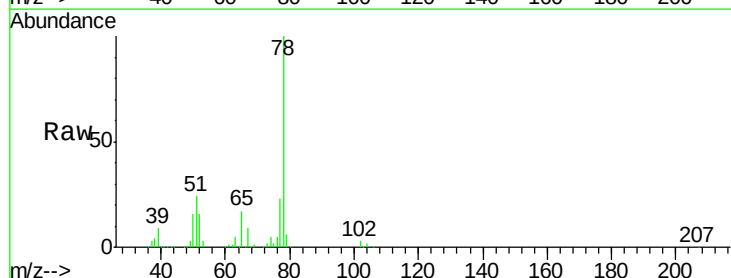
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 178957  
Ion Ratio Lower Upper  
83 100  
55 82.4 63.6 95.4  
98 44.8 36.0 54.0

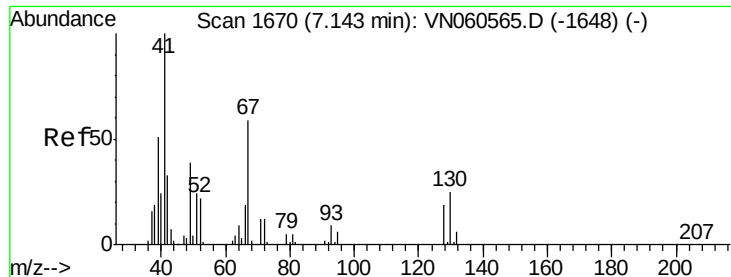


#40  
Benzene  
Concen: 50.231 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion: 78 Resp: 458380  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.6 28.0



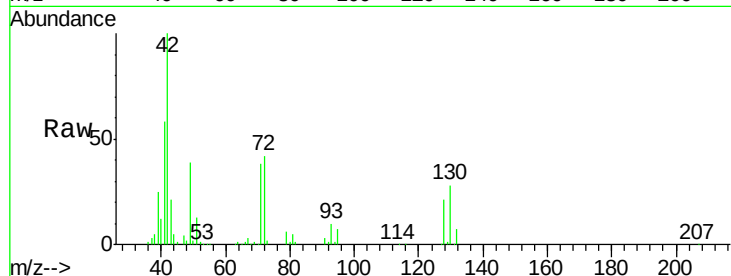




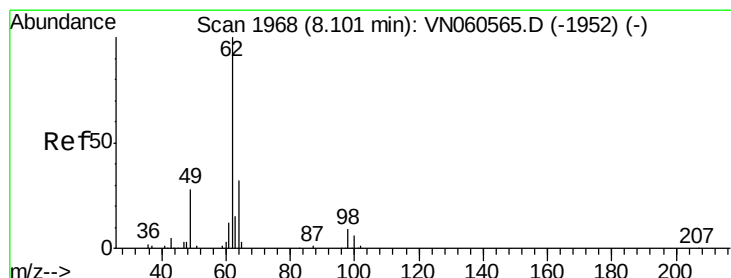
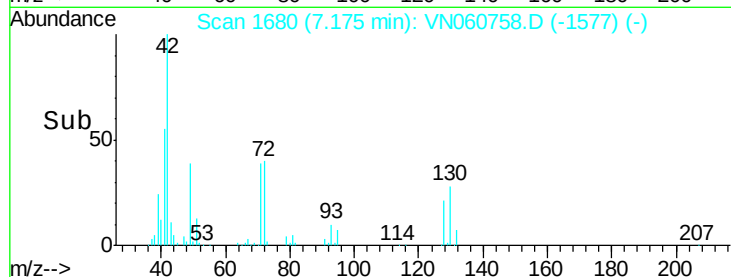
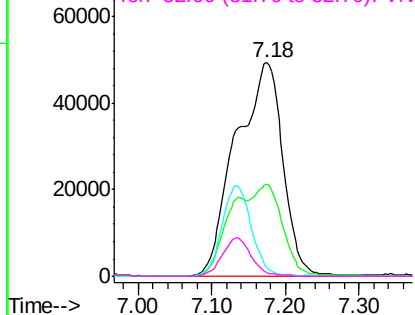
#41  
Methacrylonitrile  
Concen: 156.317 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.03 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 217900 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |

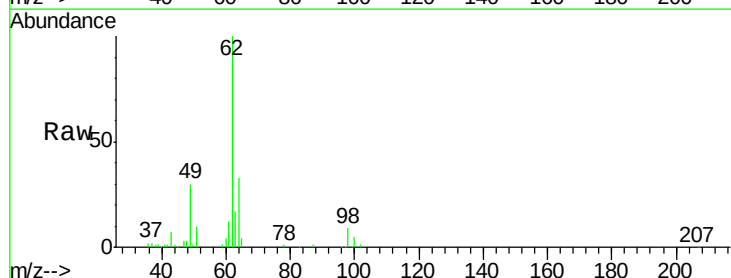


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

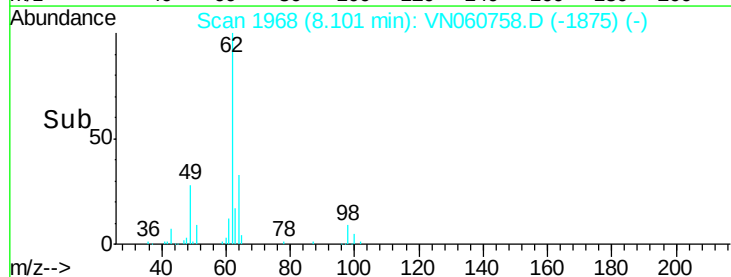
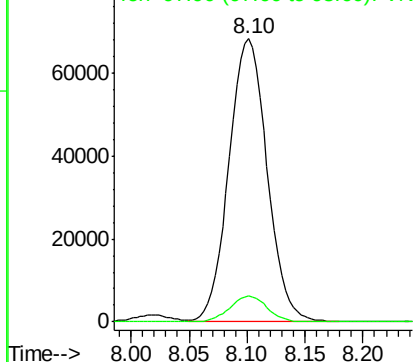


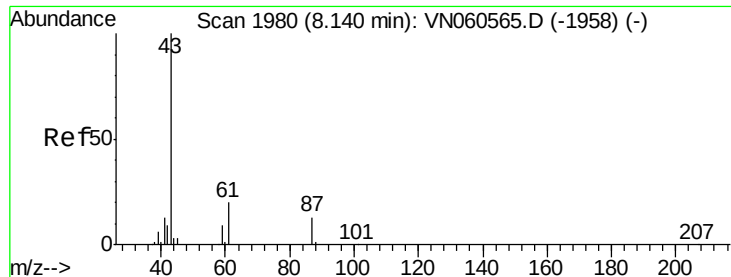
#42  
1,2-Dichloroethane  
Concen: 50.025 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 156010 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.0   | 0.0   | 17.8   |



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 48.821 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

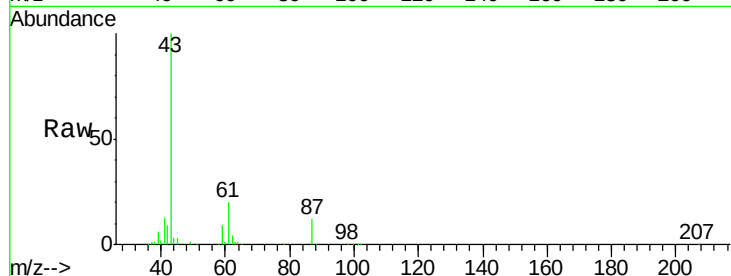
Tgt Ion: 43 Resp: 262986

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

87 12.1 9.8 14.8

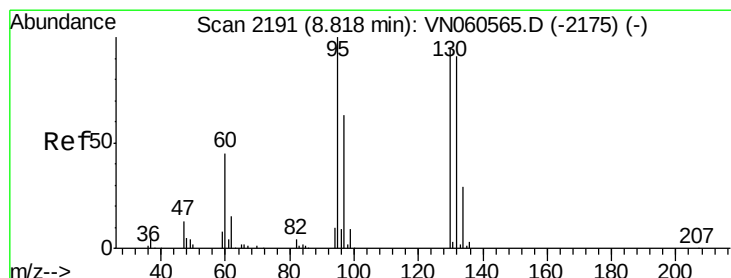
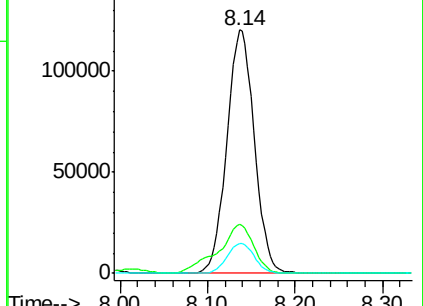
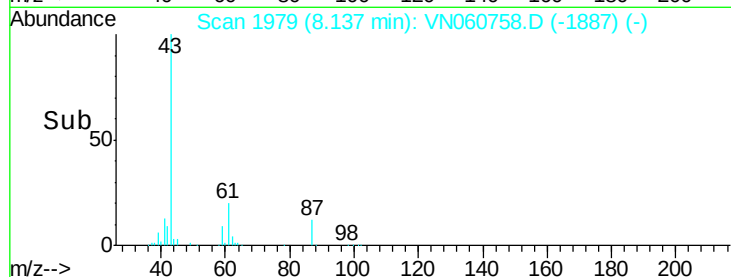


Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)

8.14



#44

Trichloroethene

Concen: 49.565 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060758.D

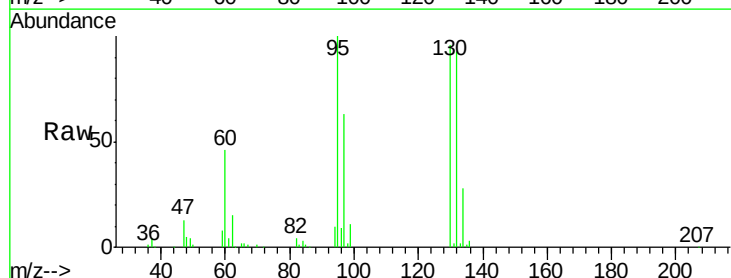
Acq: 27 Mar 2020 21:46

Tgt Ion: 130 Resp: 114019

Ion Ratio Lower Upper

130 100

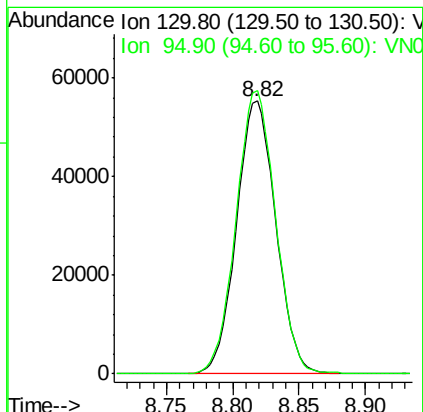
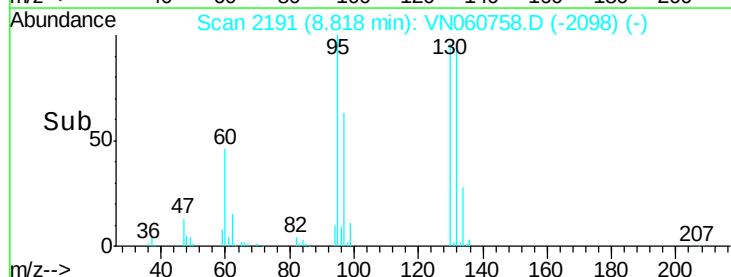
95 103.8 0.0 211.2

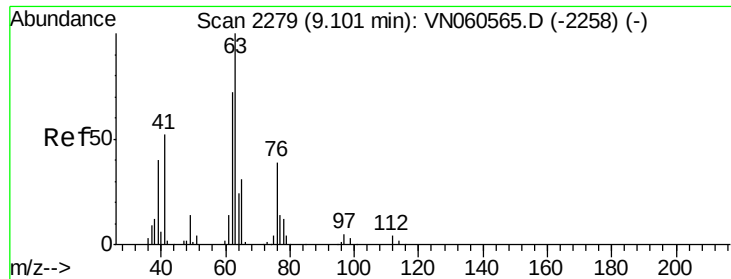


Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)

8.82





#45

1,2-Dichloropropane

Concen: 52.496 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

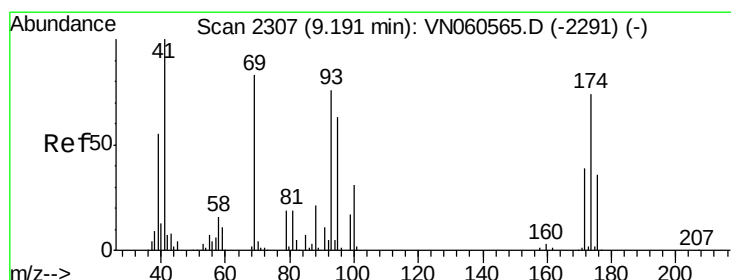
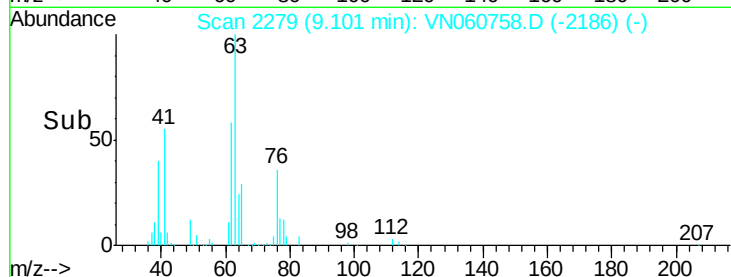
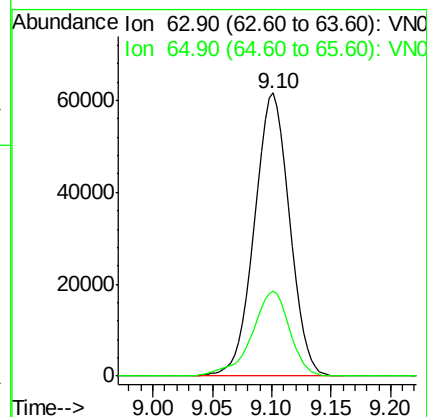
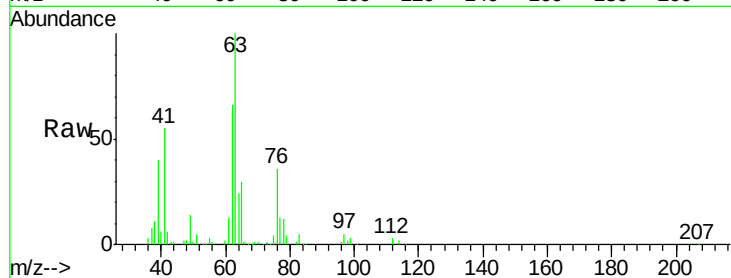
VSTDCCC050EC

Tgt Ion: 63 Resp: 126404

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.0



#46

Dibromomethane

Concen: 51.038 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

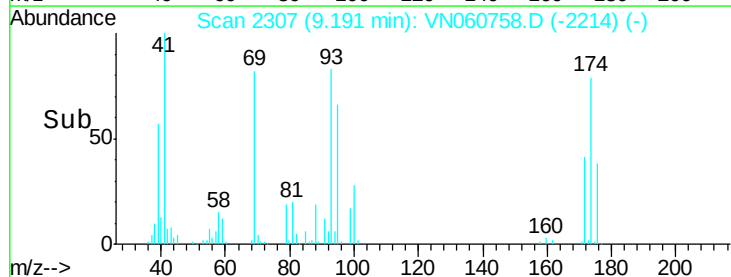
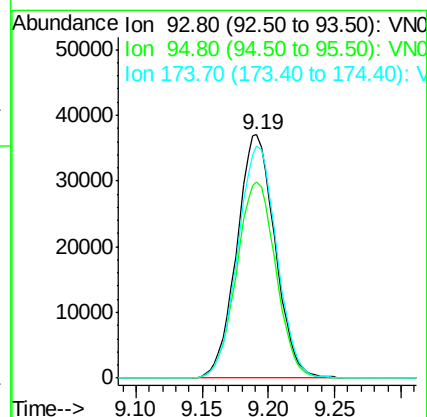
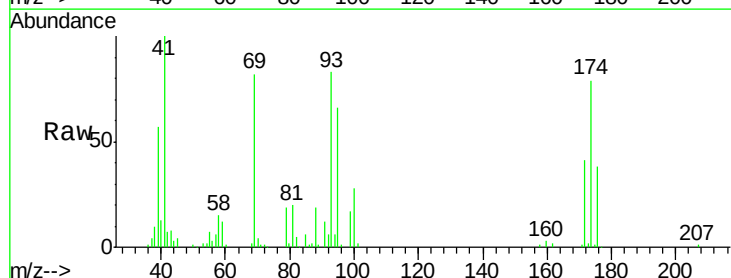
Tgt Ion: 93 Resp: 74296

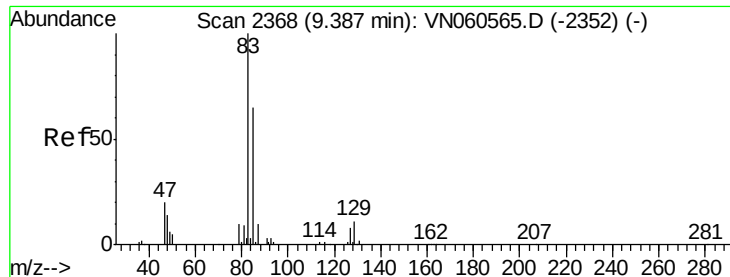
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 97.1 77.9 116.9





#47

Bromodichloromethane

Concen: 51.847 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

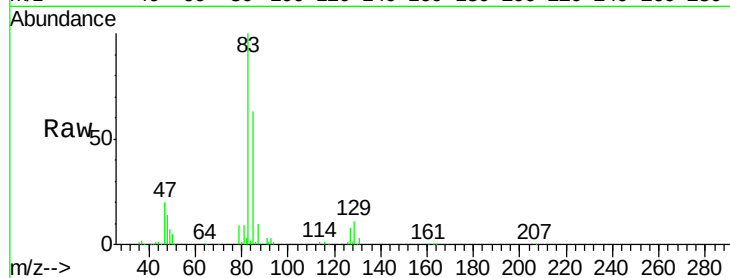
Tgt Ion: 83 Resp: 156836

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

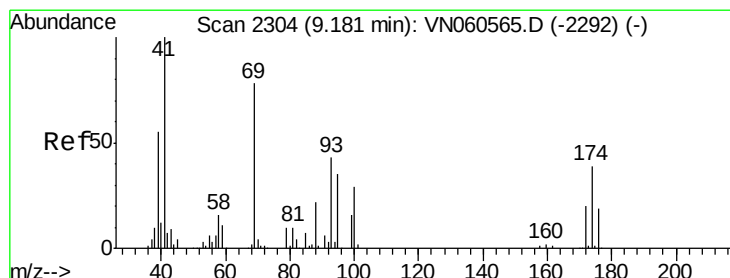
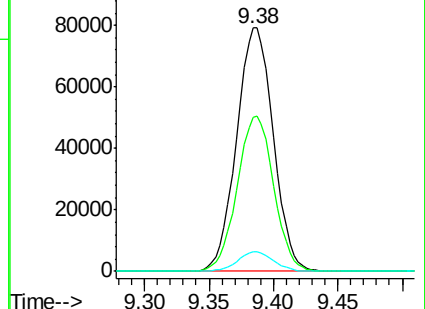
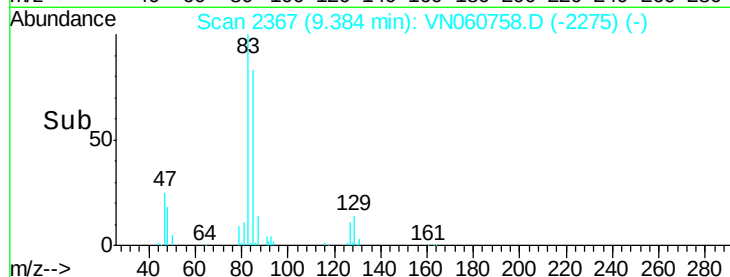
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060758.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060758.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060758.D (-2275) (-)



#48

Methyl methacrylate

Concen: 48.852 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

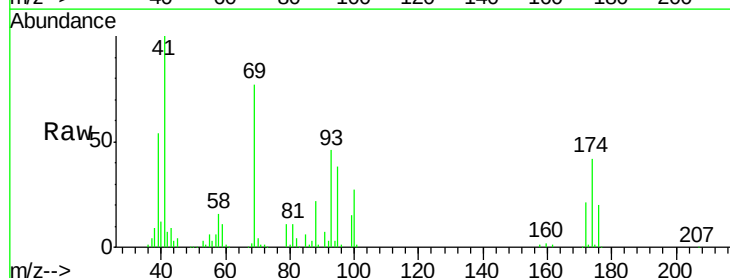
Tgt Ion: 41 Resp: 117164

Ion Ratio Lower Upper

41 100

69 81.3 65.4 98.0

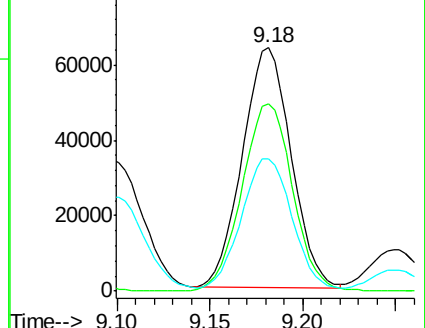
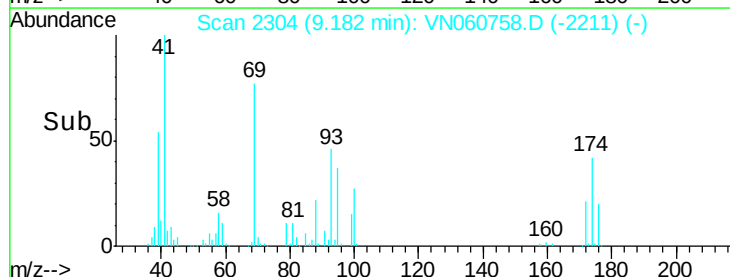
39 55.2 44.0 66.0

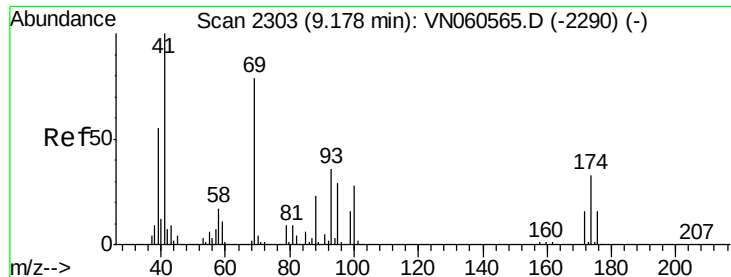


Abundance Ion 41.00 (40.70 to 41.70): VN060758.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060758.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060758.D (-2211) (-)

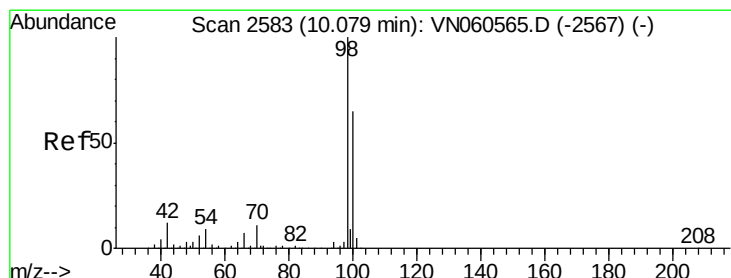
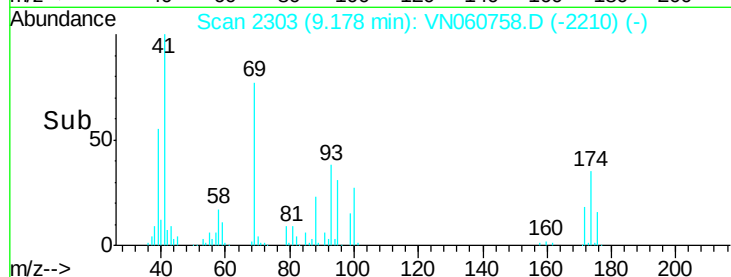
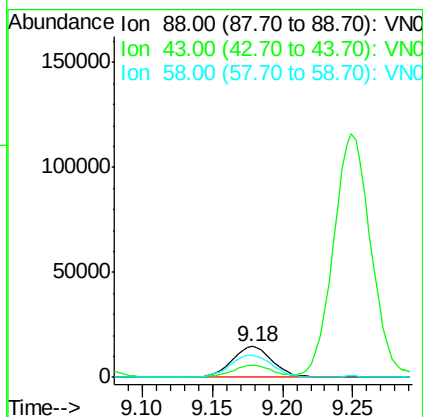
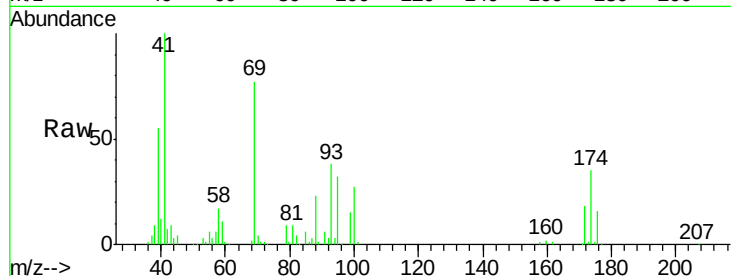




#49  
1,4-Dioxane  
Concen: 1034.692 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

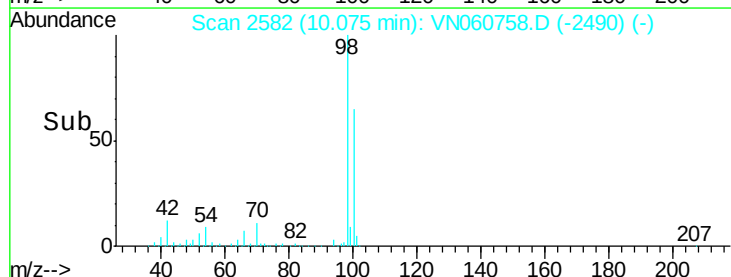
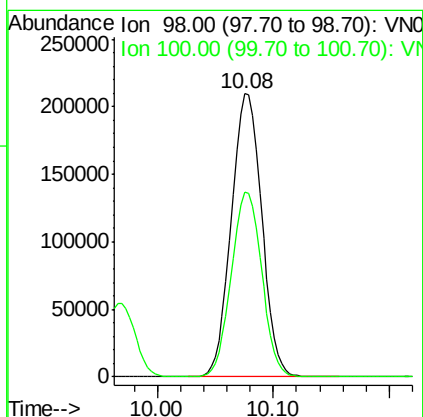
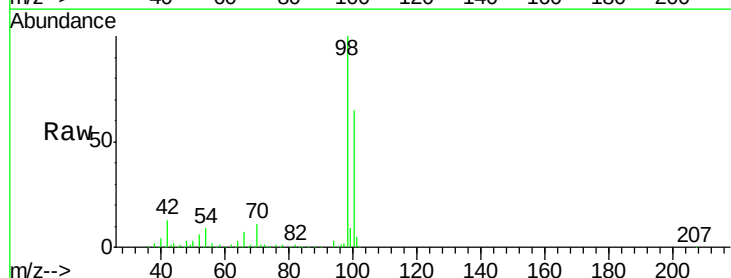
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

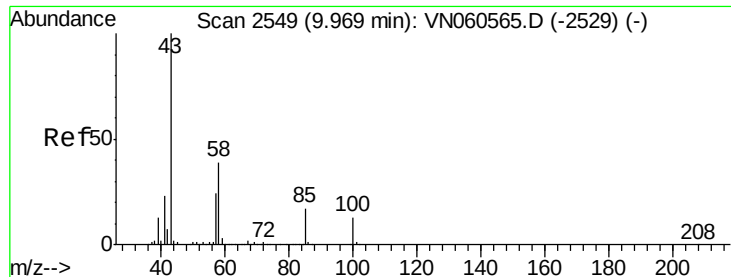
Tgt Ion: 88 Resp: 29496  
Ion Ratio Lower Upper  
88 100  
43 37.5 30.8 46.2  
58 74.3 59.8 89.8



#50  
Toluene-d8  
Concen: 49.496 ug/l  
RT: 10.08 min Scan# 2582  
Delta R.T. -0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion: 98 Resp: 381634  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.8 77.8

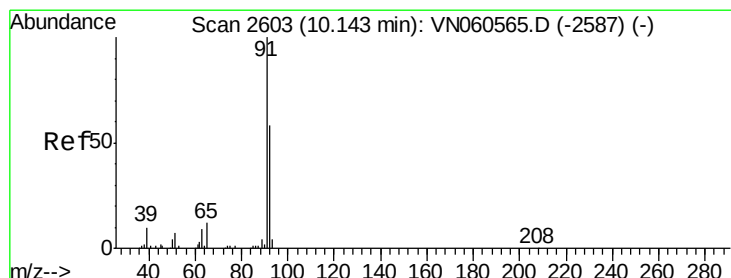
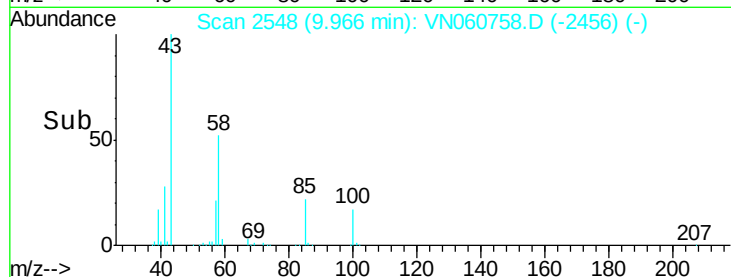
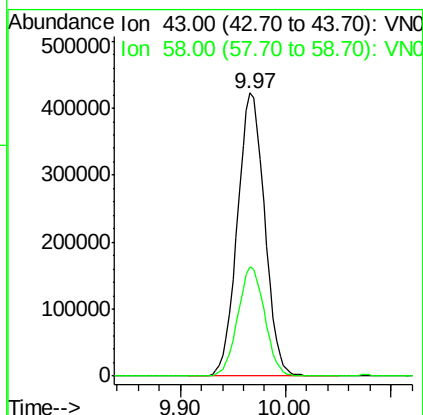
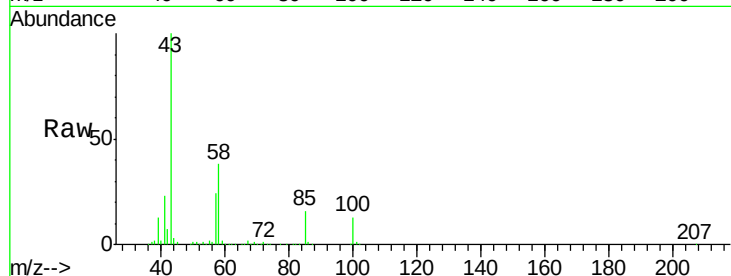




#51  
 4-Methyl-2-Pentanone  
 Concen: 246.251 ug/l  
 RT: 9.97 min Scan# 2548  
 Delta R.T. -0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

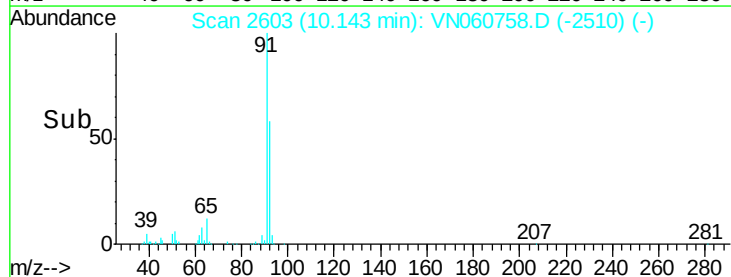
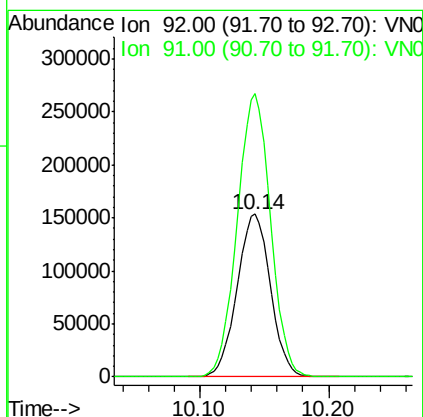
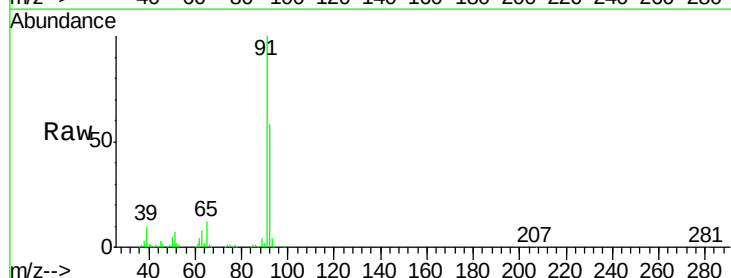
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

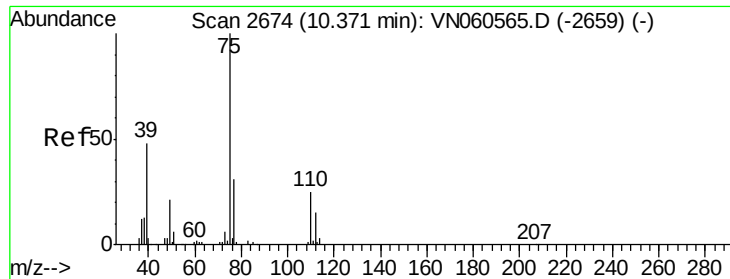
Tgt Ion: 43 Resp: 754833  
 Ion Ratio Lower Upper  
 43 100  
 58 38.2 30.8 46.2



#52  
 Toluene  
 Concen: 50.166 ug/l  
 RT: 10.14 min Scan# 2603  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion: 92 Resp: 276470  
 Ion Ratio Lower Upper  
 92 100  
 91 173.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.916 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

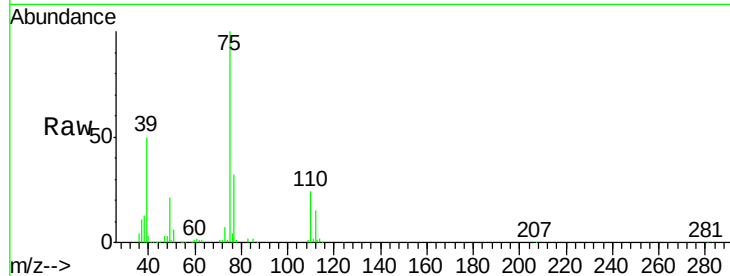
VSTDCCC050EC

Tgt Ion: 75 Resp: 176919

Ion Ratio Lower Upper

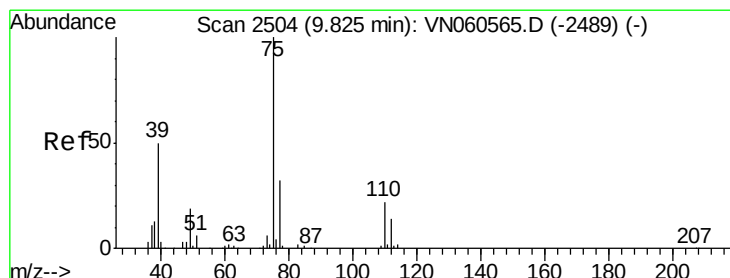
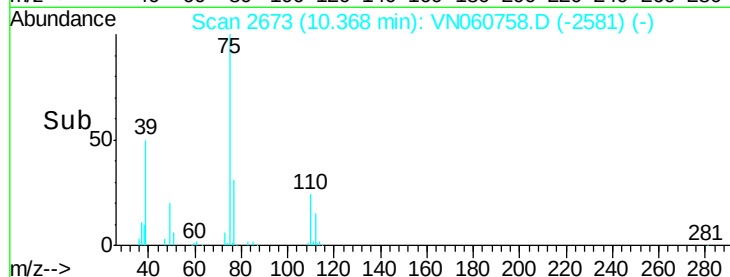
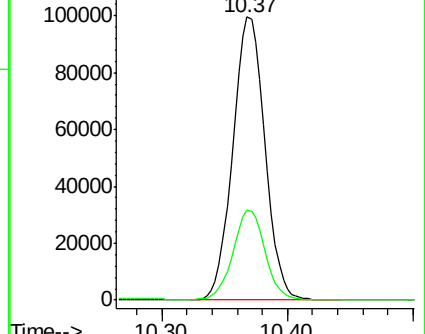
75 100

77 31.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.470 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

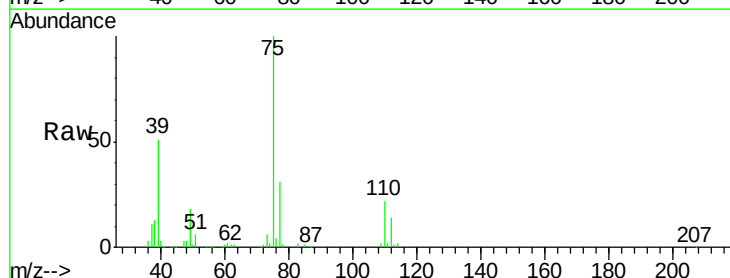
Tgt Ion: 75 Resp: 192388

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

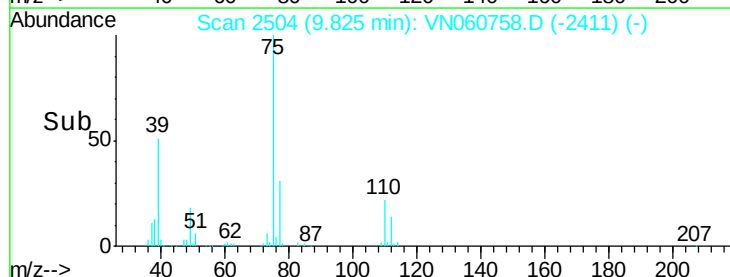
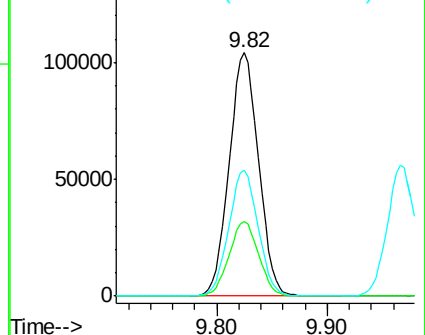
39 51.5 40.2 60.4

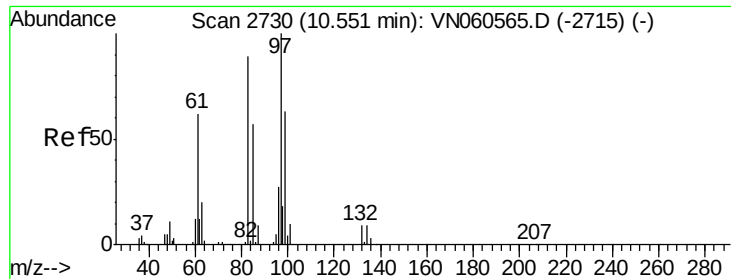


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

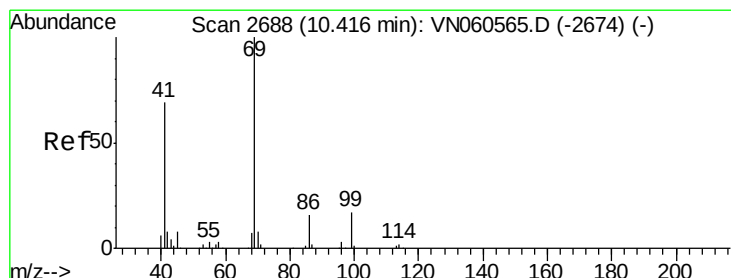
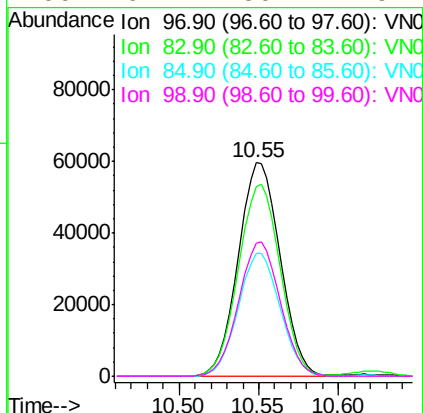
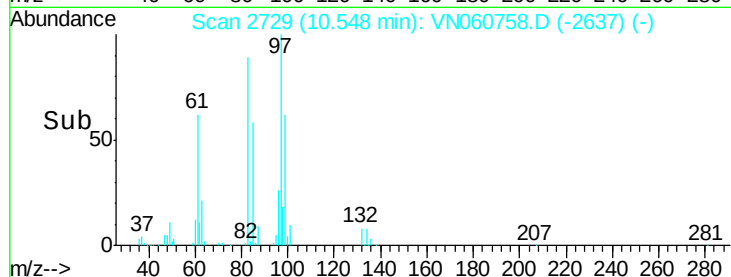
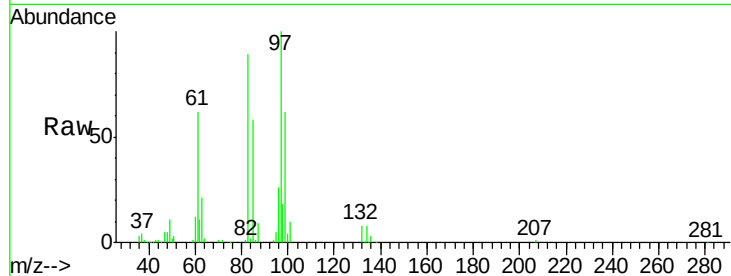




#55  
 1,1,2-Trichloroethane  
 Concen: 50.383 ug/l  
 RT: 10.55 min Scan# 2729  
 Delta R.T. -0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

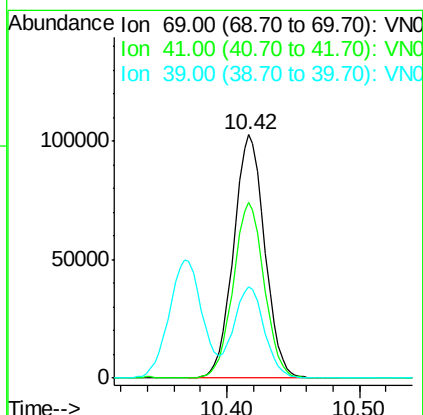
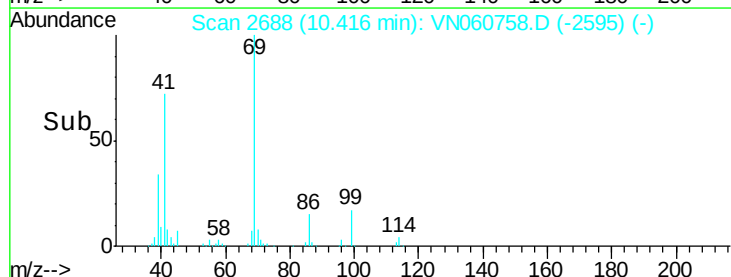
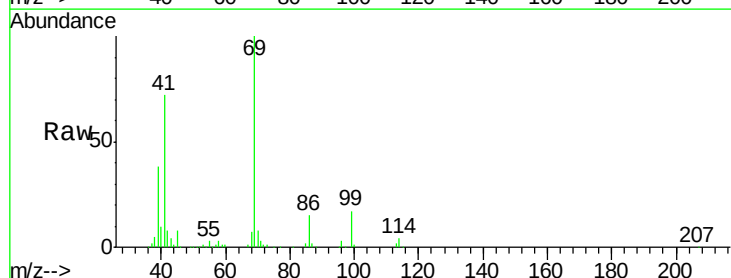
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 97 Resp: 106821  
 Ion Ratio Lower Upper  
 97 100  
 83 88.7 71.3 106.9  
 85 57.6 45.2 67.8  
 99 62.4 50.1 75.1

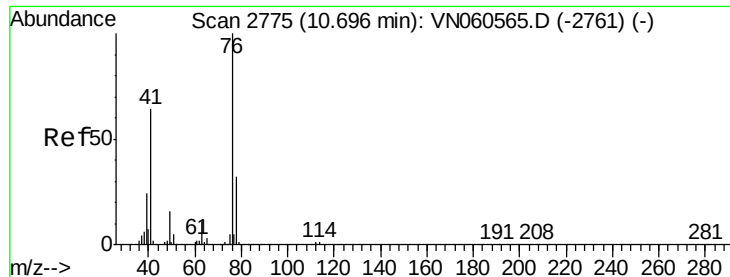


#56  
 Ethyl methacrylate  
 Concen: 50.727 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion: 69 Resp: 167697  
 Ion Ratio Lower Upper  
 69 100  
 41 71.2 55.4 83.2  
 39 36.7 29.4 44.0







#57

1,3-Dichloropropane

Concen: 50.813 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

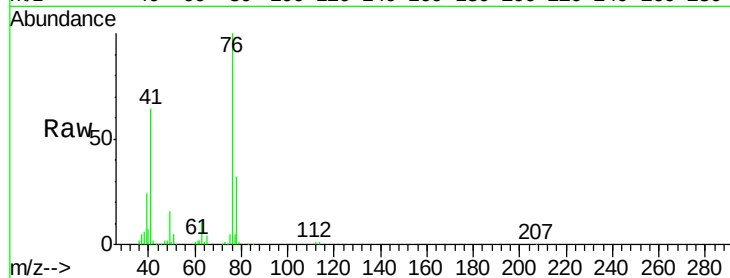
VSTDCCC050EC

Tgt Ion: 76 Resp: 186952

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

120000

100000

80000

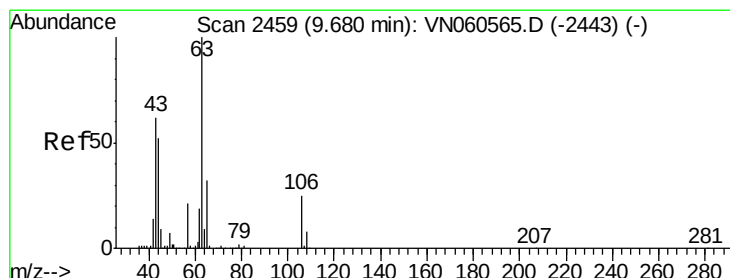
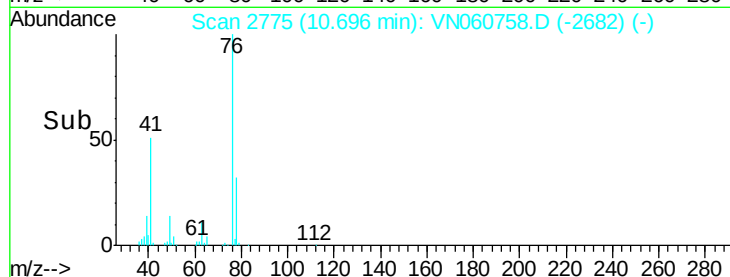
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 236.426 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060758.D

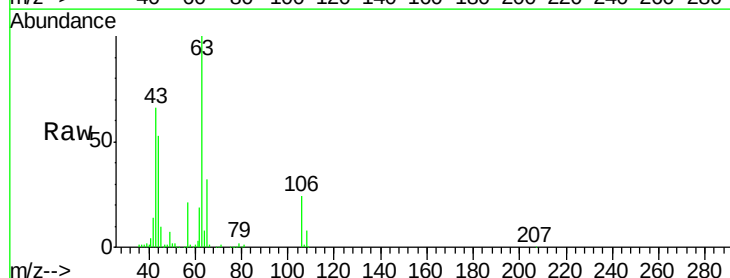
Acq: 27 Mar 2020 21:46

Tgt Ion: 63 Resp: 388462

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

250000

200000

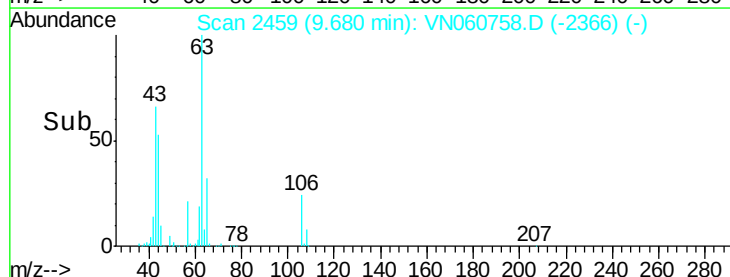
150000

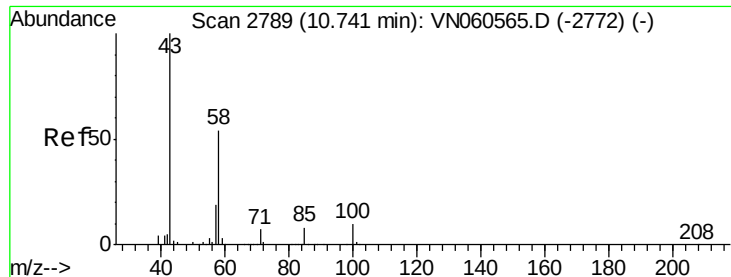
100000

50000

0

Time--> 9.60 9.70 9.80

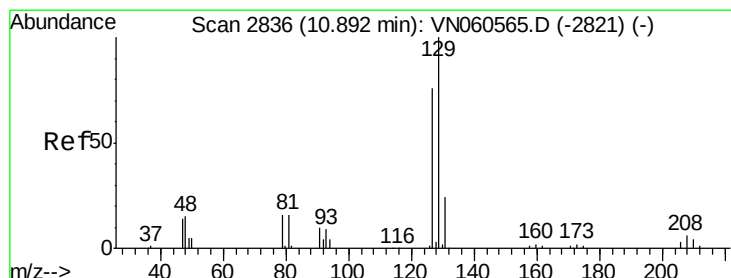
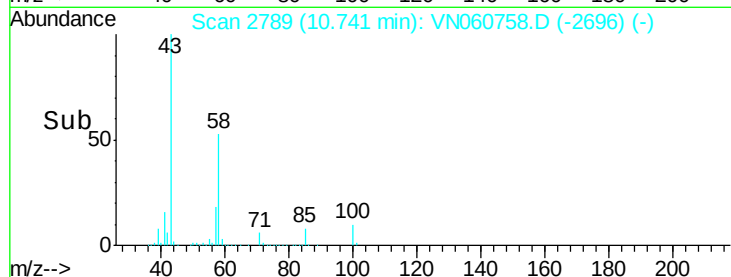
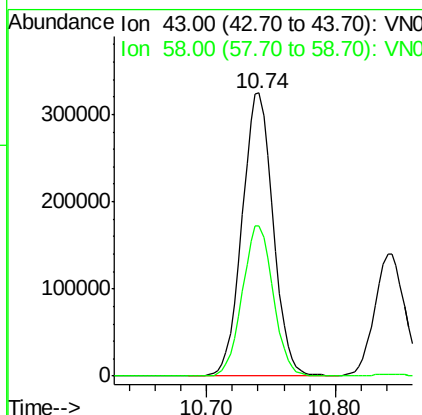
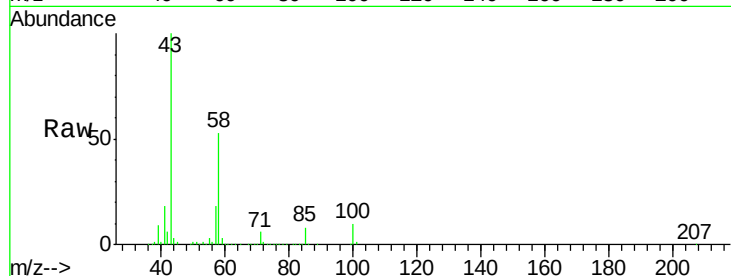




#59  
2-Hexanone  
Concen: 245.217 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

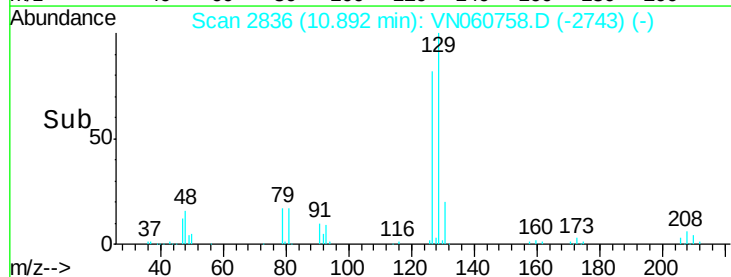
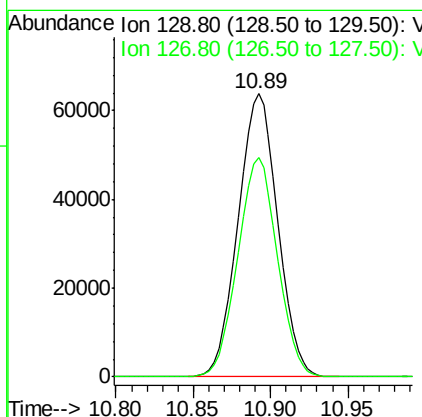
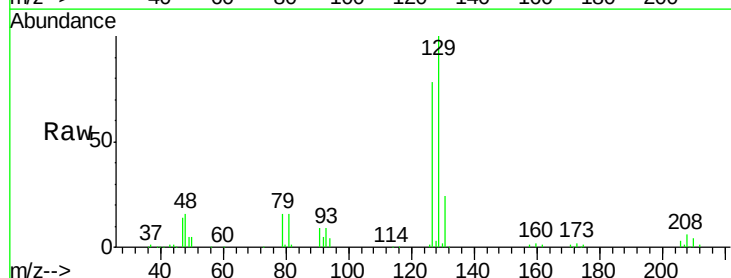
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

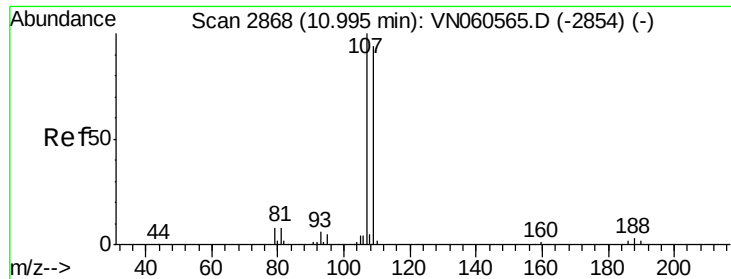
Tgt Ion: 43 Resp: 541462  
Ion Ratio Lower Upper  
43 100  
58 53.0 26.7 80.1



#60  
Dibromochloromethane  
Concen: 51.847 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion: 129 Resp: 113548  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.138 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

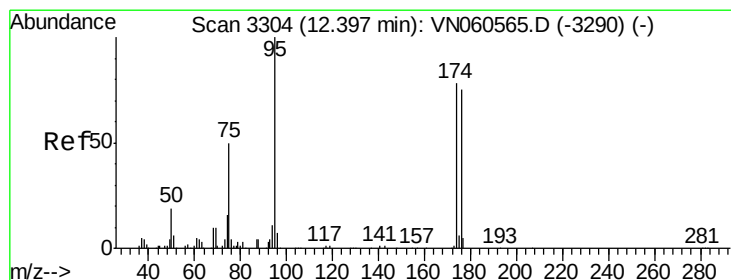
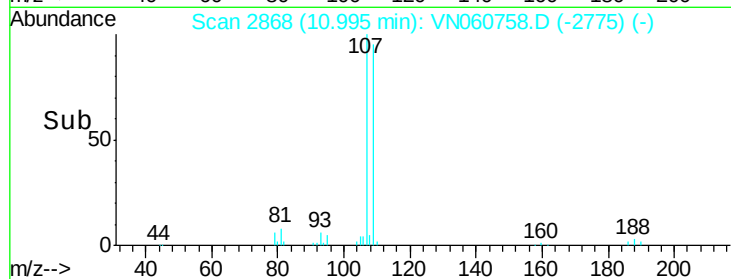
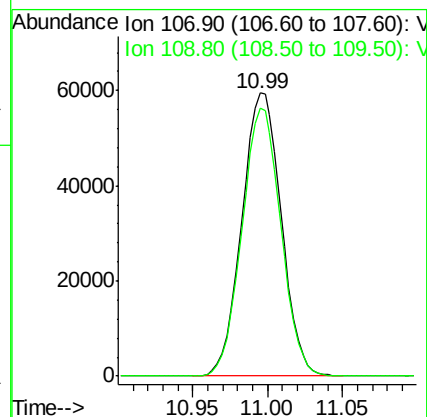
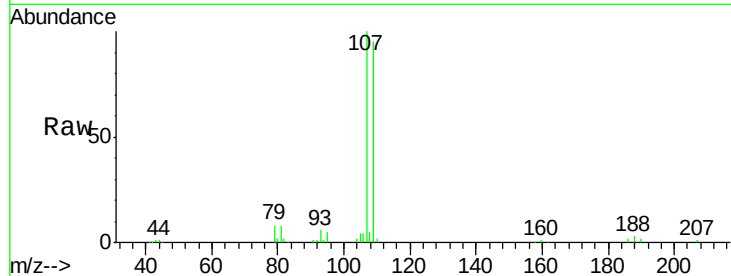
VSTDCCC050EC

Tgt Ion: 107 Resp: 109025

Ion Ratio Lower Upper

107 100

109 93.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.911 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

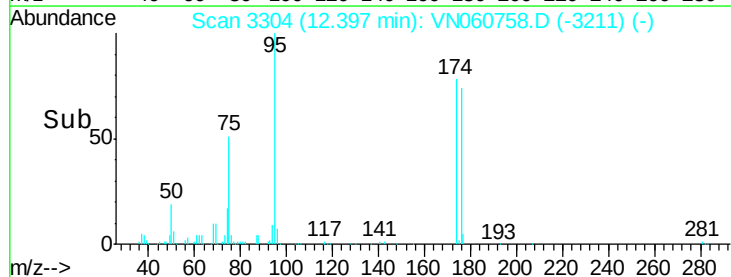
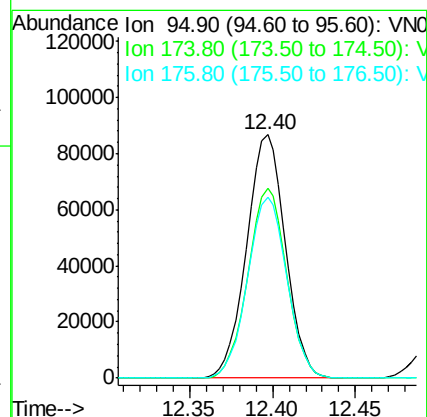
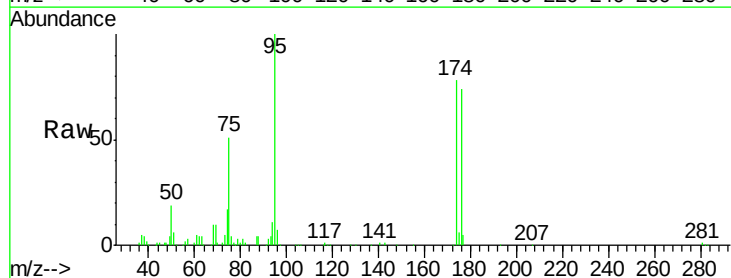
Tgt Ion: 95 Resp: 141036

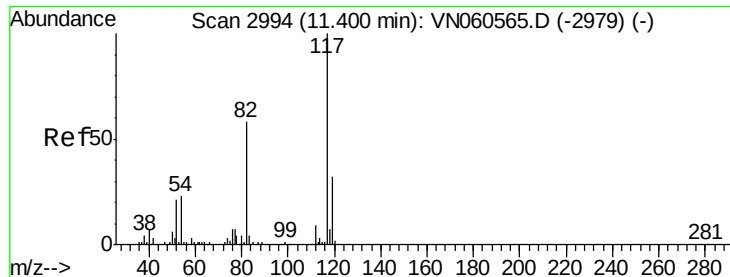
Ion Ratio Lower Upper

95 100

174 78.1 0.0 157.6

176 75.5 0.0 150.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

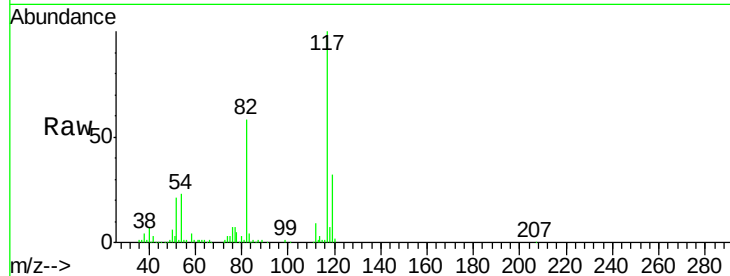
Tgt Ion:117 Resp: 287884

Ion Ratio Lower Upper

117 100

82 58.2 46.7 70.1

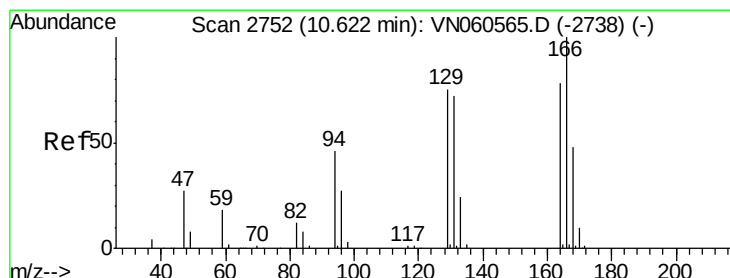
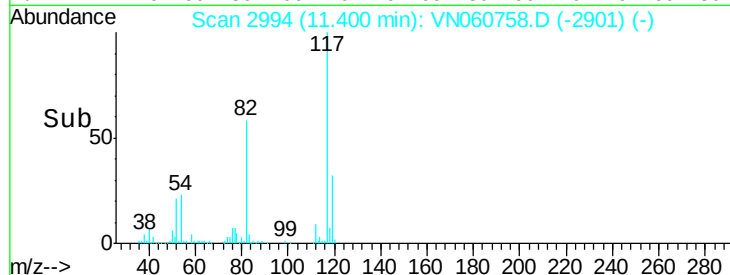
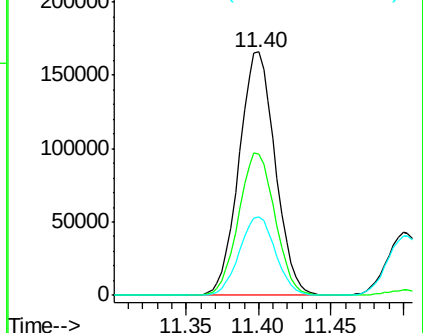
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.881 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Tgt Ion:164 Resp: 103939

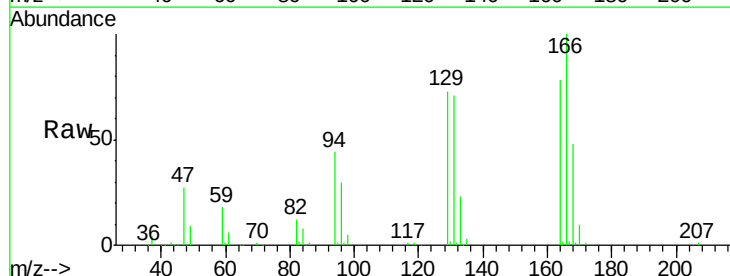
Ion Ratio Lower Upper

164 100

166 128.4 102.7 154.1

129 94.3 77.2 115.8

131 91.6 73.8 110.6

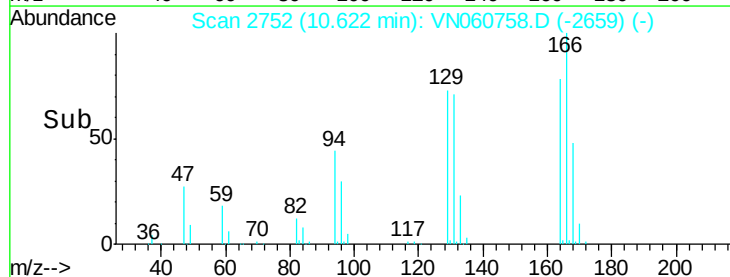
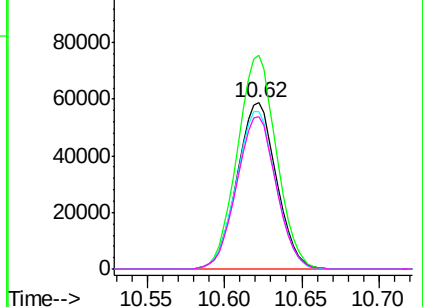


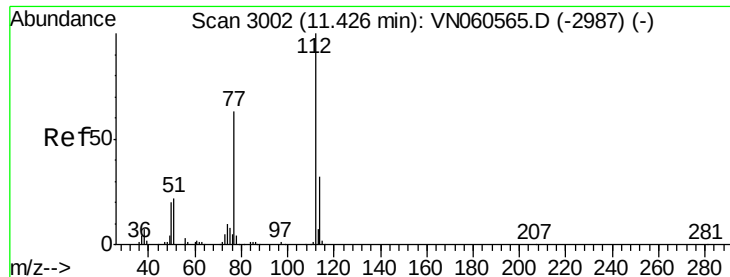
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

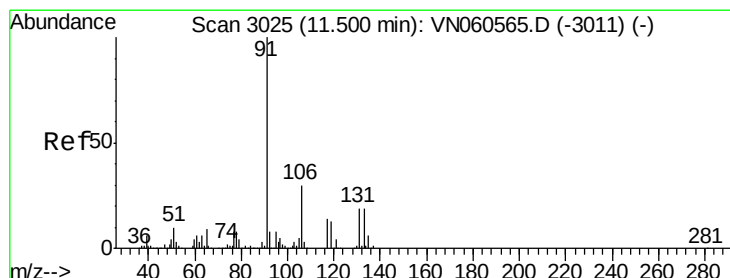
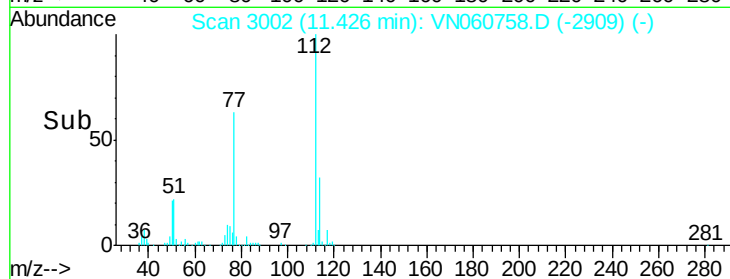
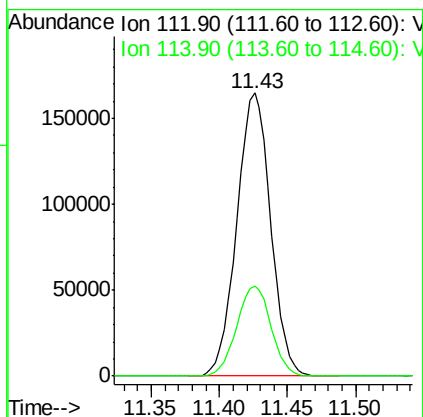
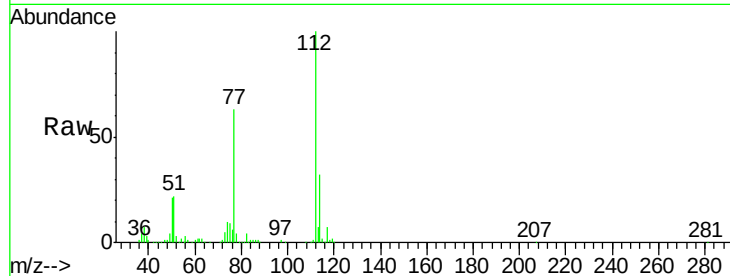




#65  
Chlorobenzene  
Concen: 49.572 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

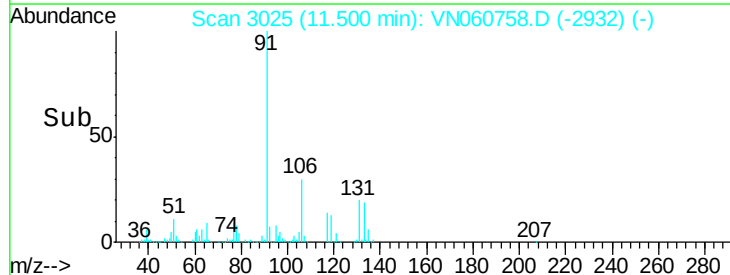
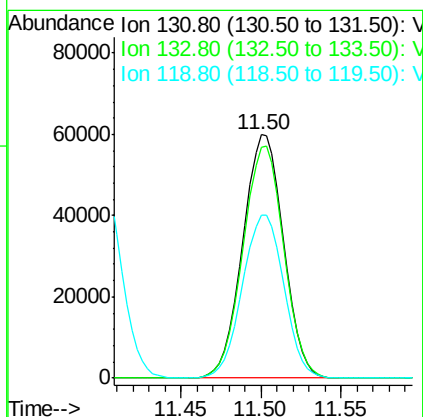
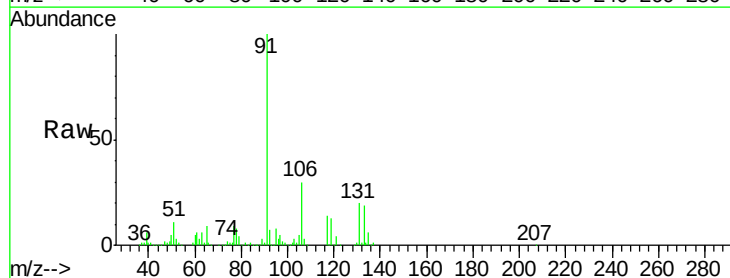
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

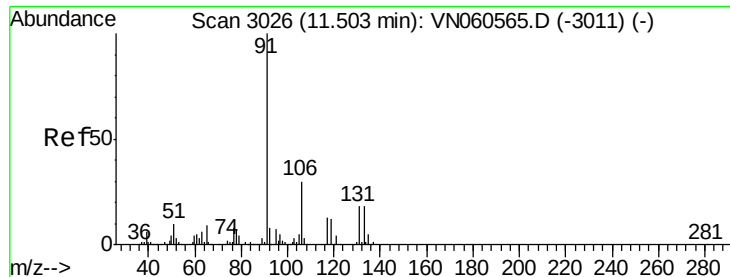
Tgt Ion:112 Resp: 282911  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.519 ug/l  
RT: 11.50 min Scan# 3025  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion:131 Resp: 104388  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.9 146.8  
119 68.0 33.9 101.7

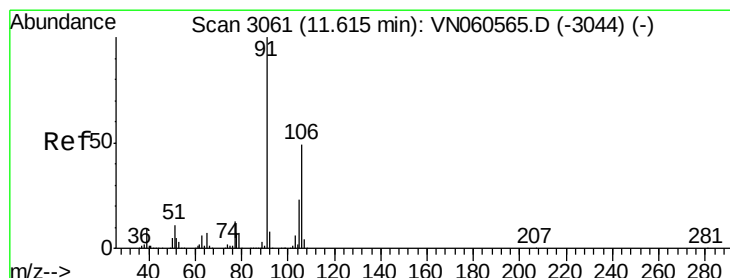
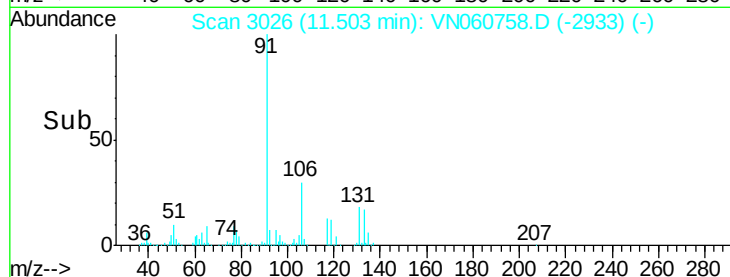
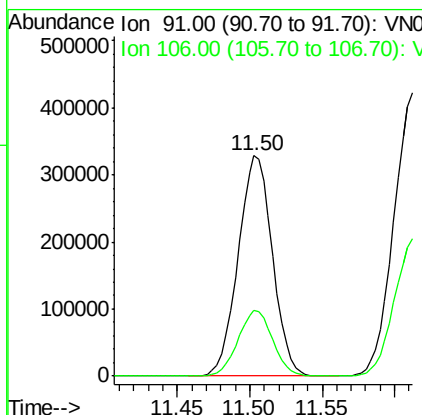
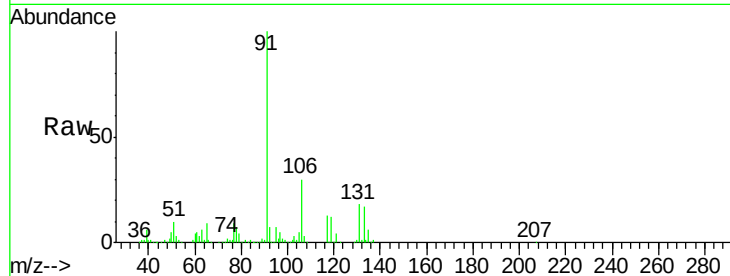




#67  
Ethyl Benzene  
Concen: 50.724 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

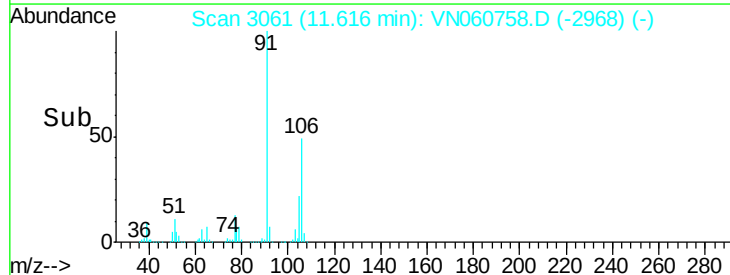
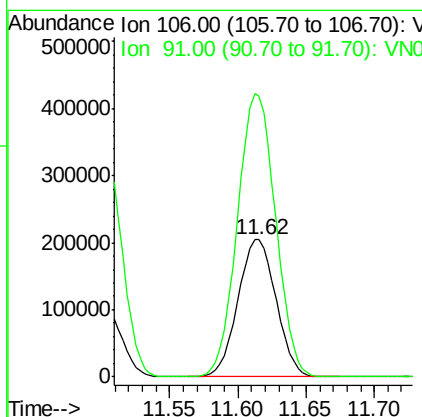
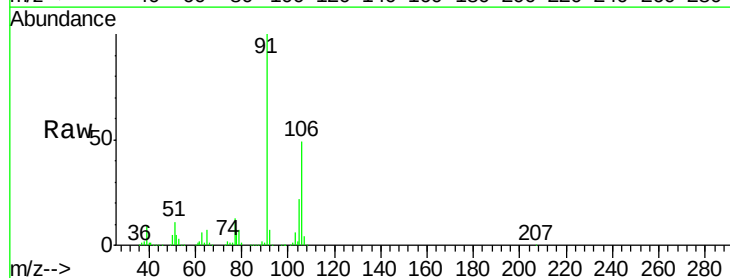
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

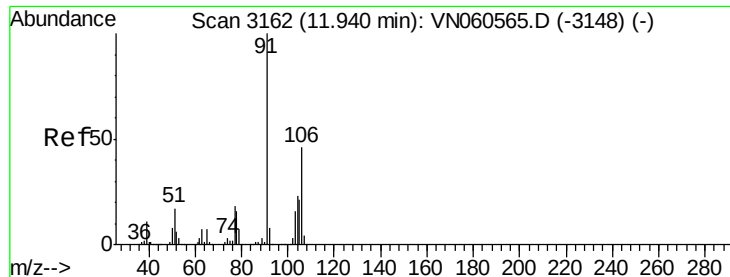
Tgt Ion: 91 Resp: 538339  
Ion Ratio Lower Upper  
91 100  
106 29.7 24.2 36.2



#68  
m/p-Xylenes  
Concen: 100.568 ug/l  
RT: 11.62 min Scan# 3061  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion: 106 Resp: 396628  
Ion Ratio Lower Upper  
106 100  
91 206.1 165.0 247.4

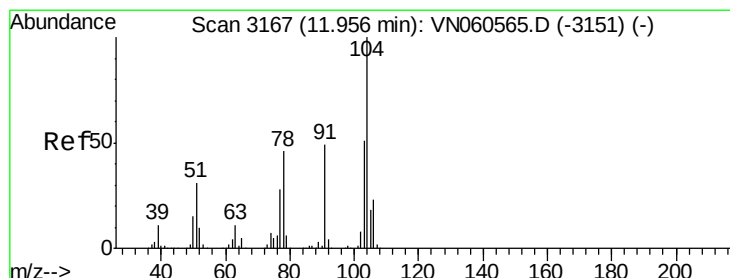
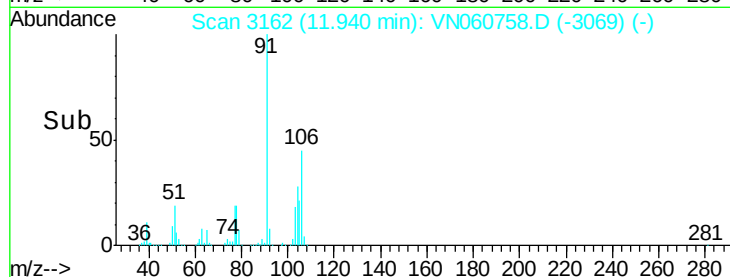
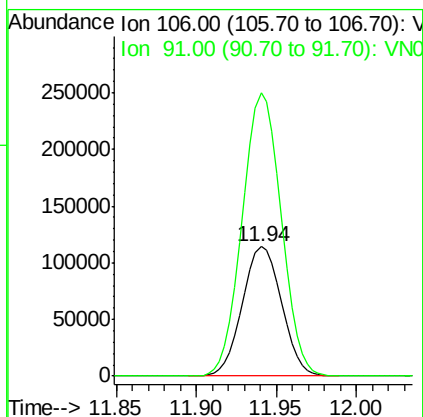
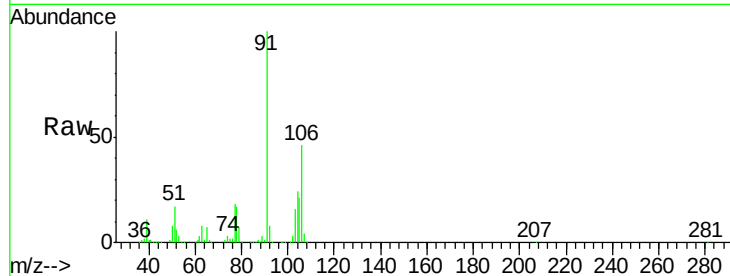




#69  
o-Xylene  
Concen: 50.771 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

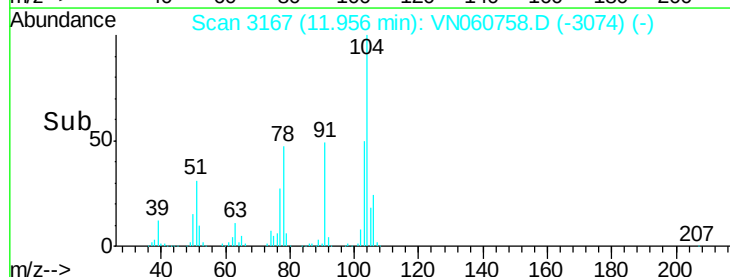
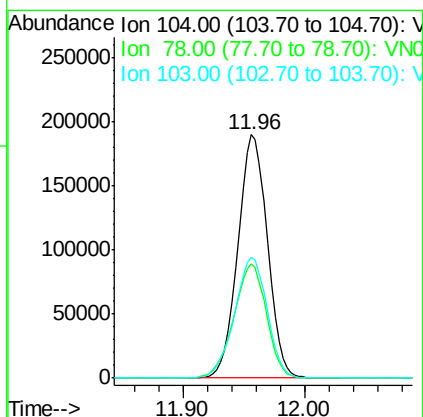
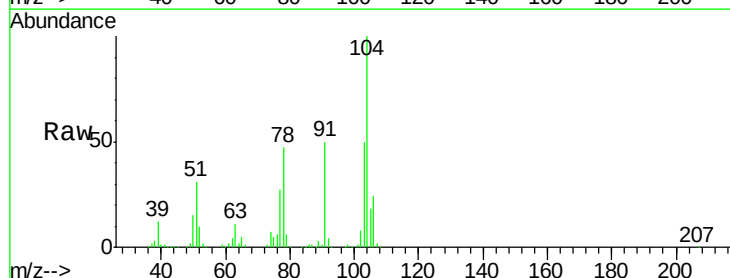
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

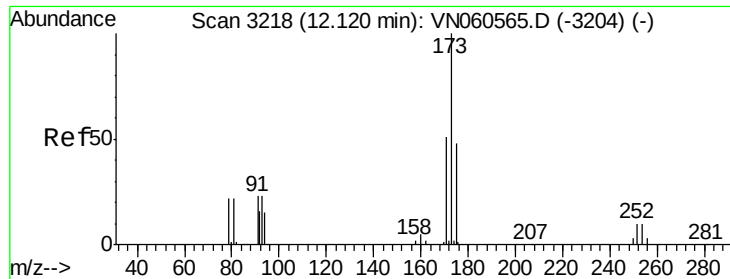
Tgt Ion:106 Resp: 191147  
Ion Ratio Lower Upper  
106 100  
91 216.9 109.5 328.4



#70  
Styrene  
Concen: 51.379 ug/l  
RT: 11.96 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion:104 Resp: 316362  
Ion Ratio Lower Upper  
104 100  
78 51.9 41.2 61.8  
103 54.8 44.0 66.0





#71

Bromoform

Concen: 47.309 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

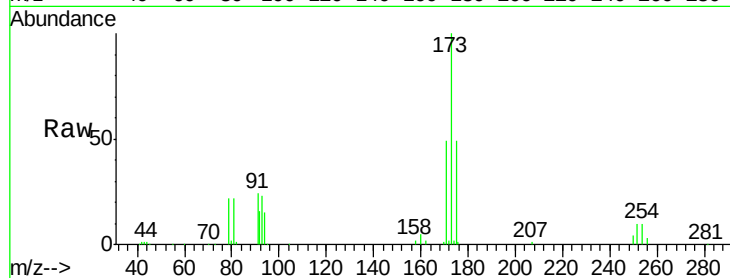
Tgt Ion:173 Resp: 81087

Ion Ratio Lower Upper

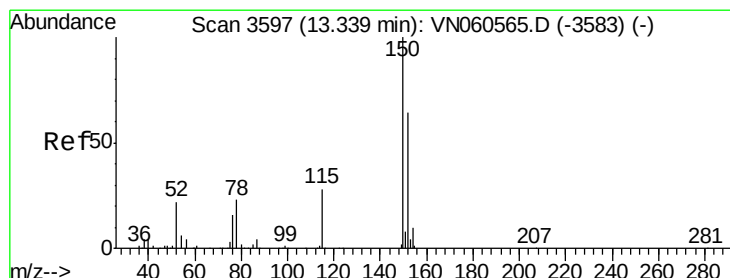
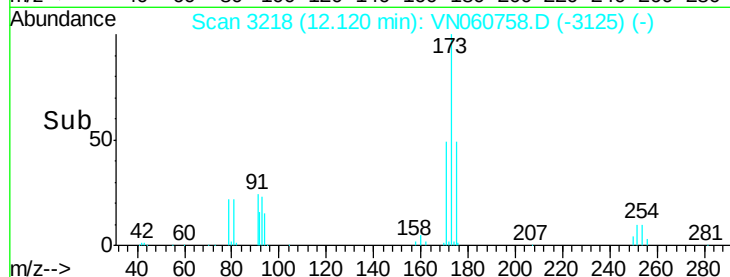
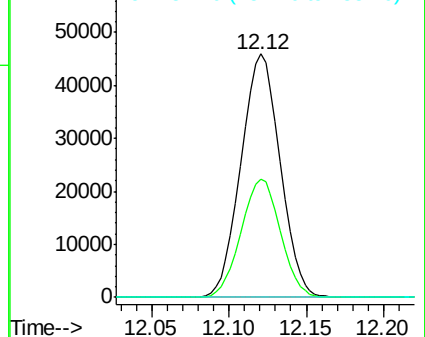
173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

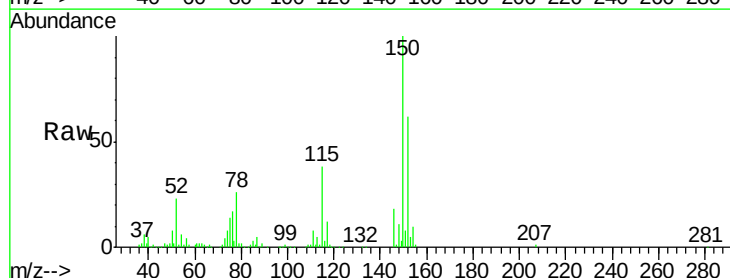
Tgt Ion:152 Resp: 140806

Ion Ratio Lower Upper

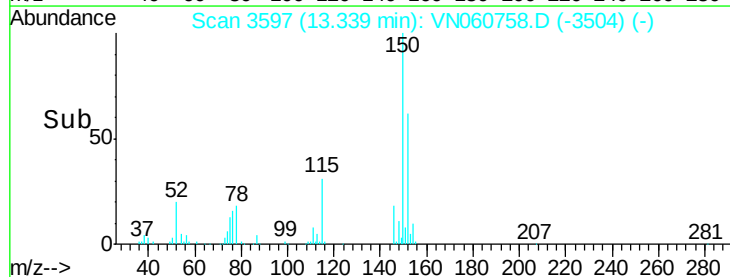
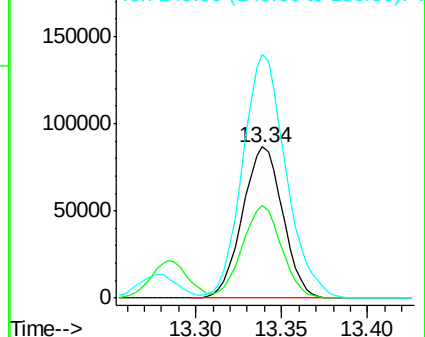
152 100

115 59.6 30.2 90.6

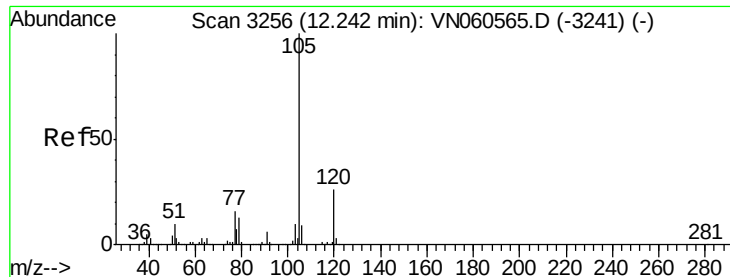
150 173.5 0.0 350.2



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: 48.428 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

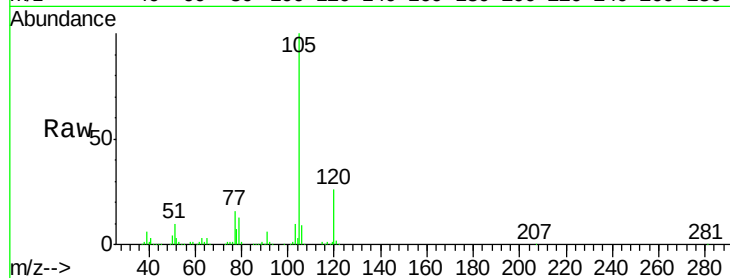
VSTDCCC050EC

Tgt Ion:105 Resp: 511738

Ion Ratio Lower Upper

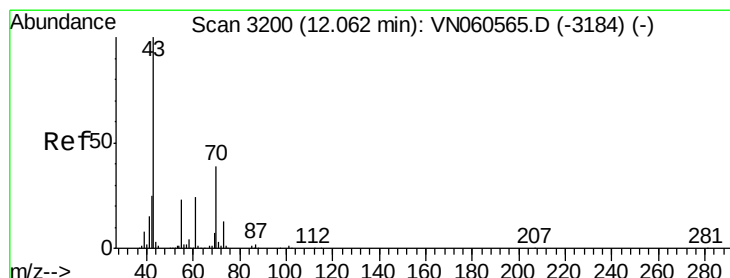
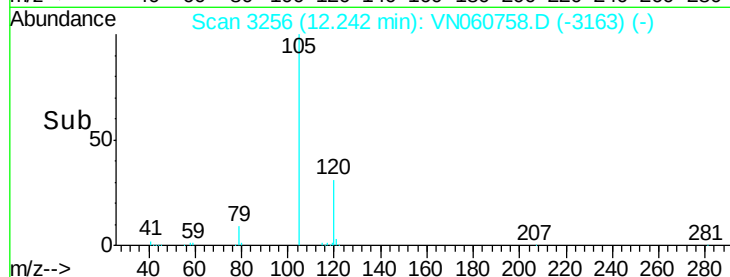
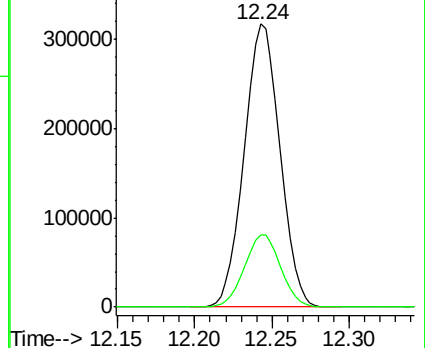
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.191 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Tgt Ion: 43 Resp: 230425

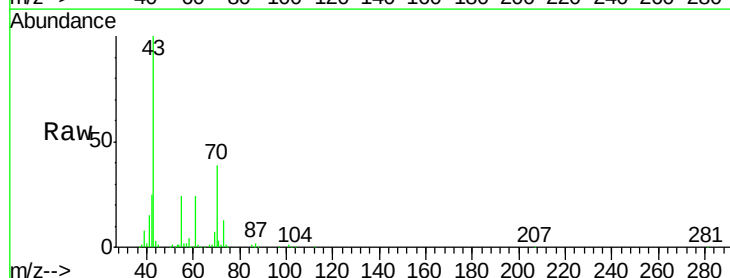
Ion Ratio Lower Upper

43 100

70 38.9 31.1 46.7

55 23.6 18.6 27.8

61 23.3 18.9 28.3

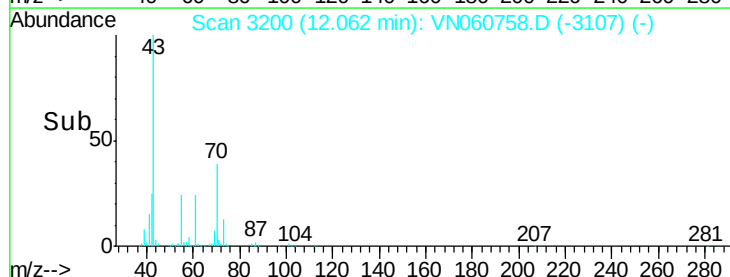
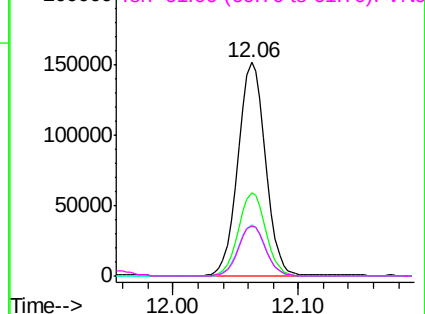


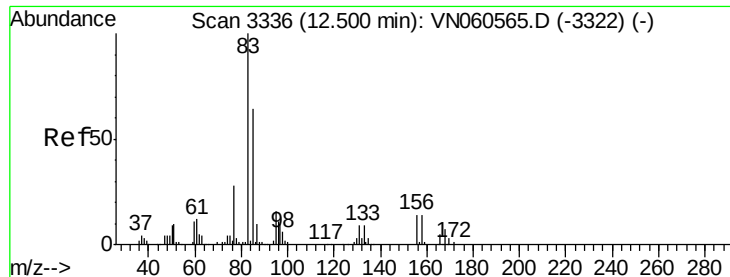
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.706 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

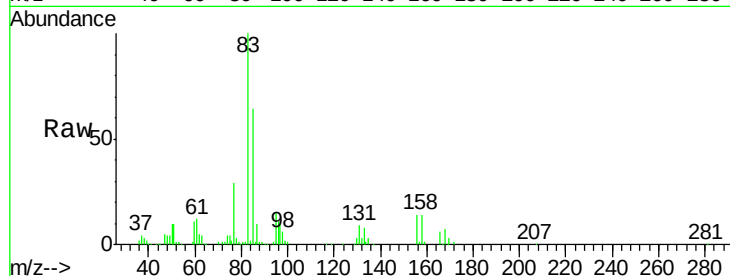
Tgt Ion: 83 Resp: 152445

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

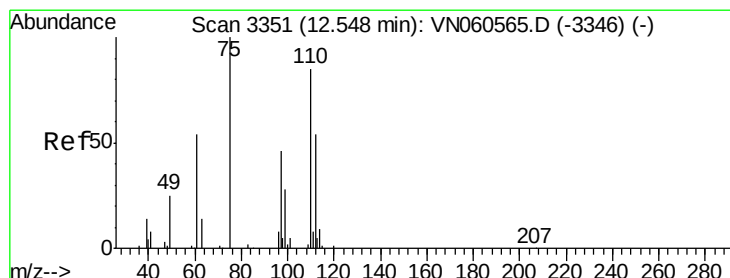
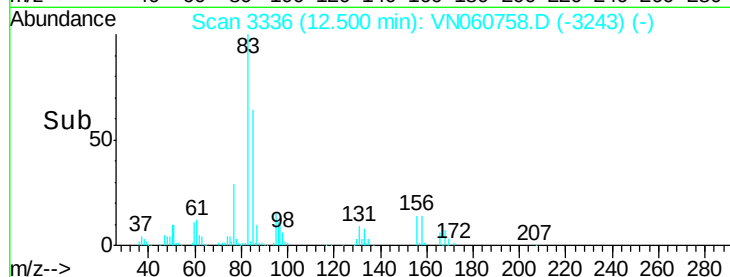
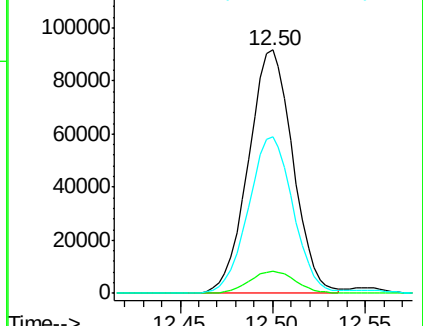
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060758.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060758.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060758.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 66.547 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060758.D

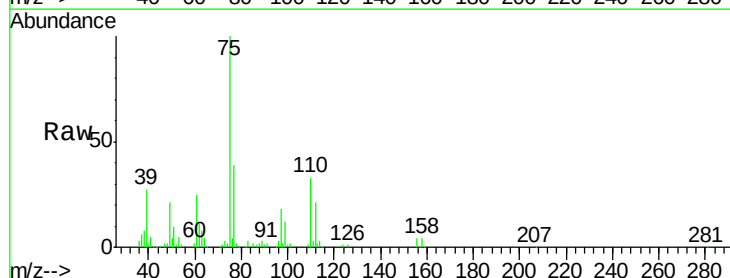
Acq: 27 Mar 2020 21:46

Tgt Ion: 75 Resp: 202190

Ion Ratio Lower Upper

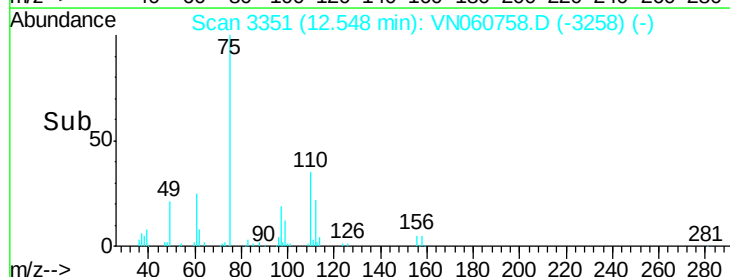
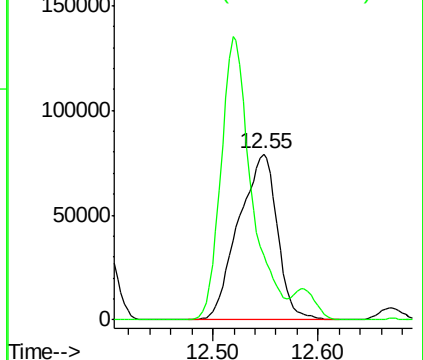
75 100

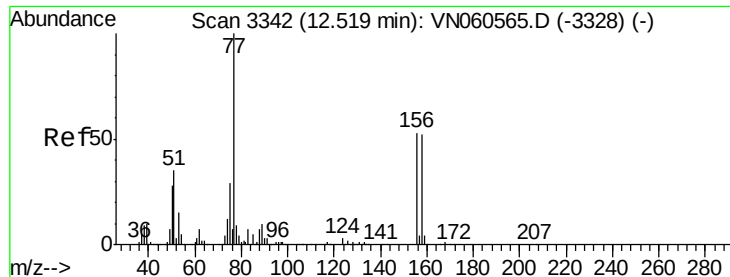
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060758.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060758.D (-3258) (-)





#77

Bromobenzene

Concen: 47.837 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

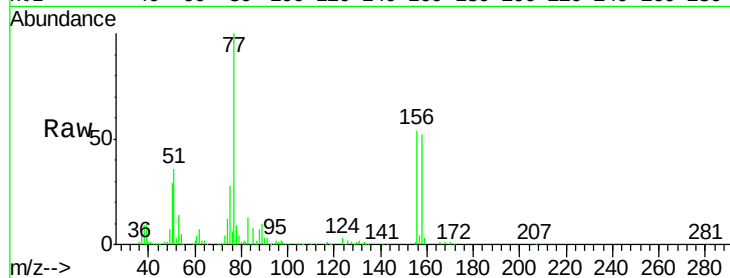
Tgt Ion:156 Resp: 121805

Ion Ratio Lower Upper

156 100

77 222.1 112.3 337.0

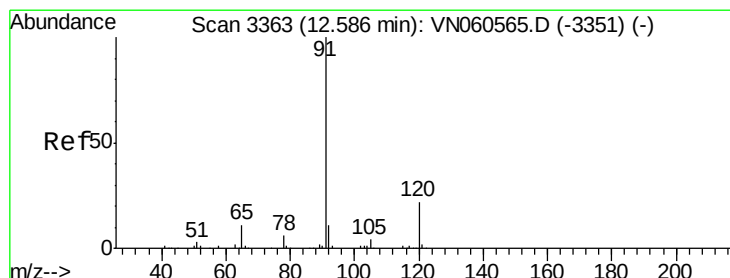
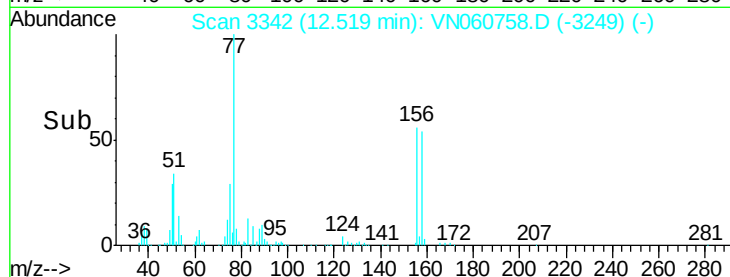
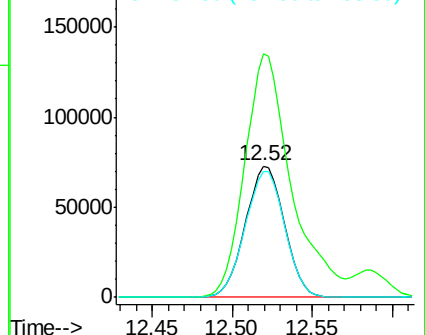
158 97.5 48.6 145.8



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: 48.396 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060758.D

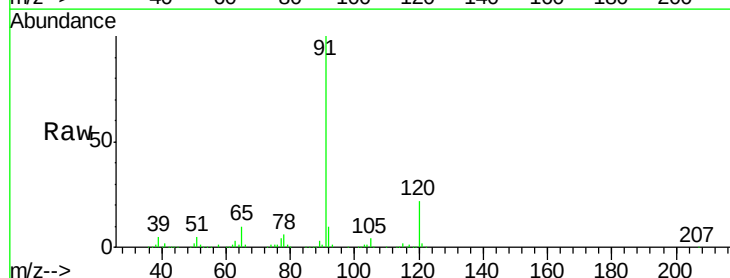
Acq: 27 Mar 2020 21:46

Tgt Ion: 91 Resp: 604185

Ion Ratio Lower Upper

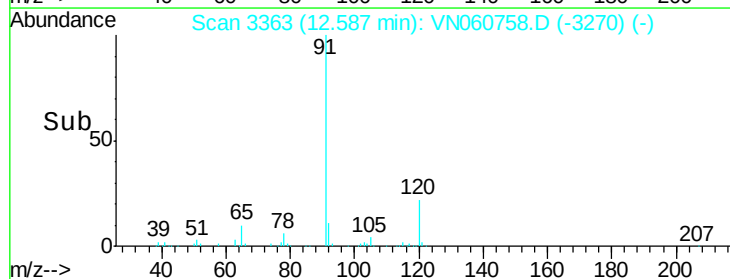
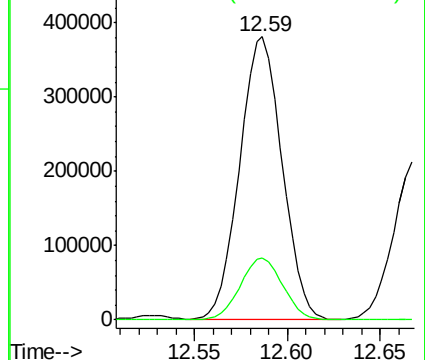
91 100

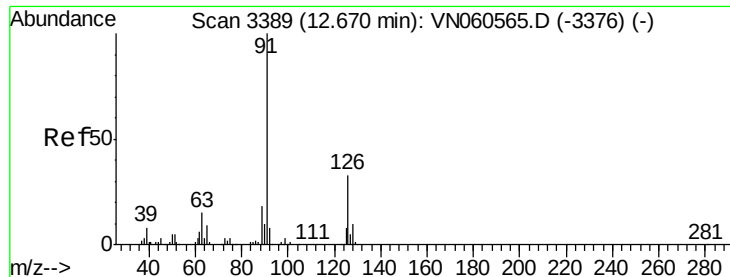
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.795 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

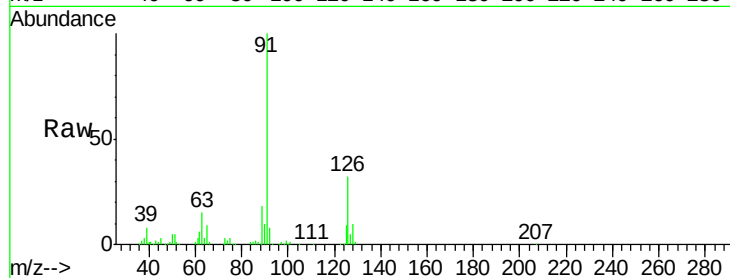
VSTDCCC050EC

Tgt Ion: 91 Resp: 356515

Ion Ratio Lower Upper

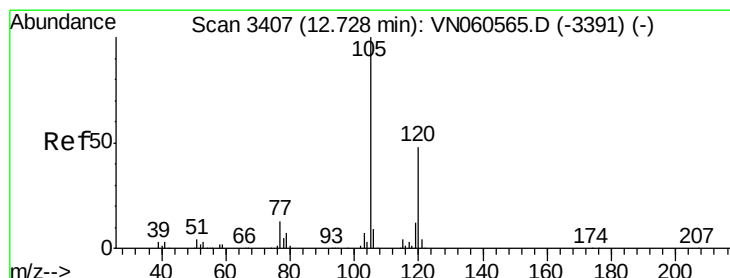
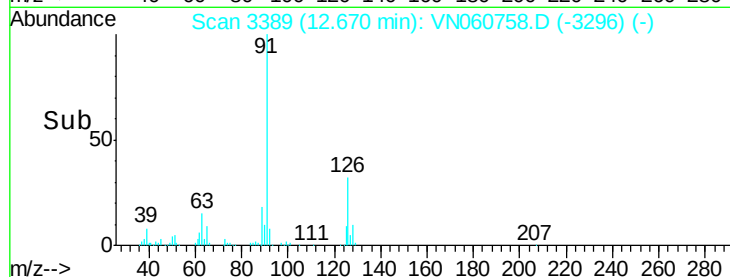
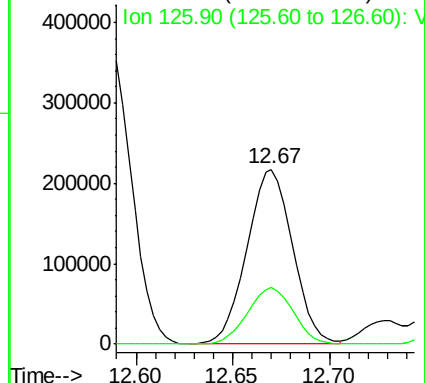
91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060758.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060758.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.087 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060758.D

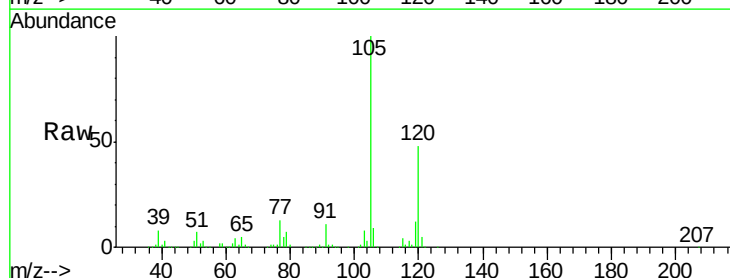
Acq: 27 Mar 2020 21:46

Tgt Ion: 105 Resp: 431211

Ion Ratio Lower Upper

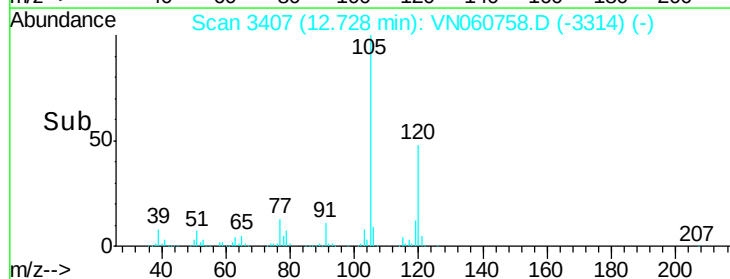
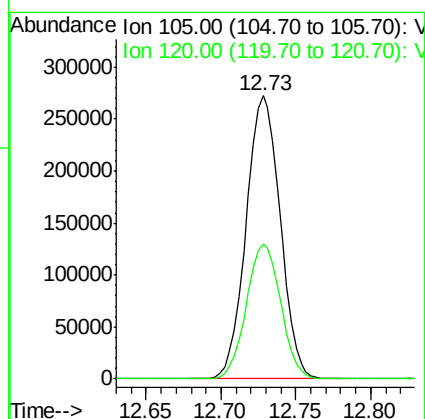
105 100

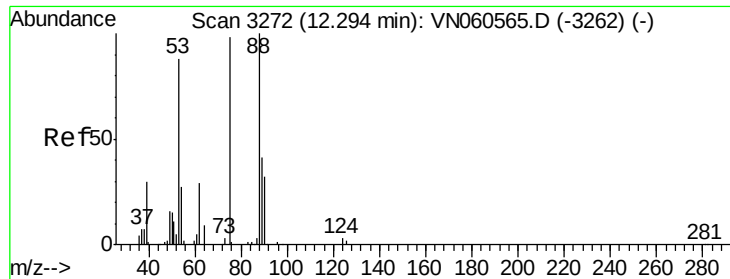
120 48.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060758.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN060758.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.916 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

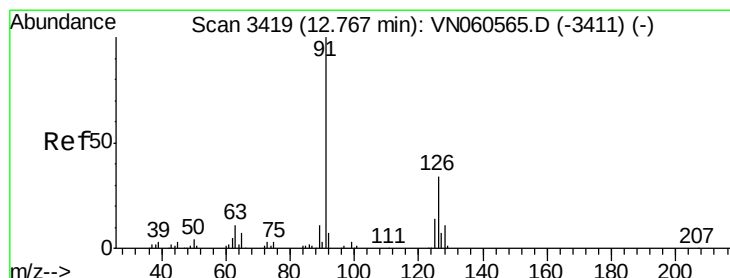
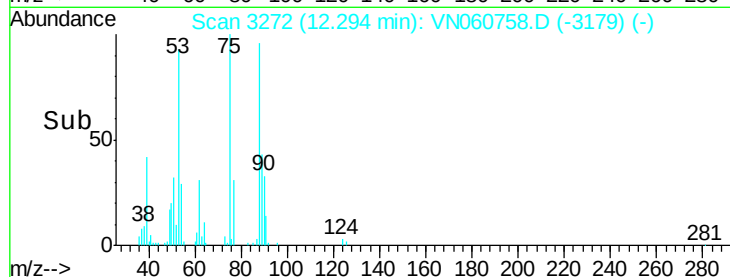
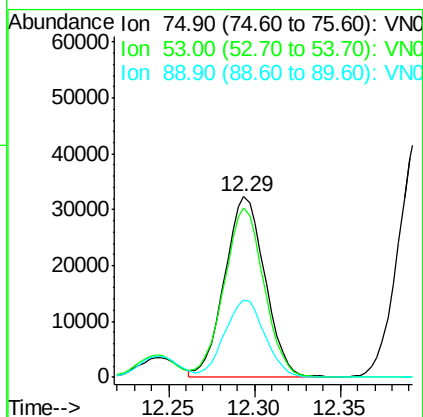
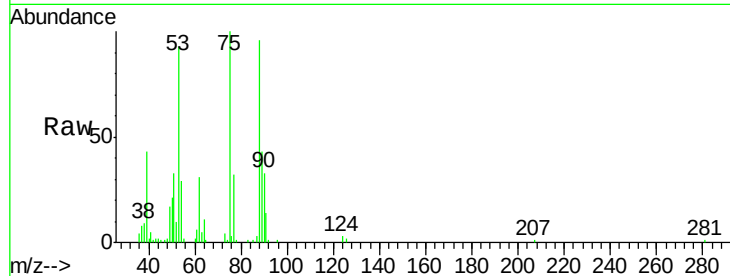
Tgt Ion: 75 Resp: 53136

Ion Ratio Lower Upper

75 100

53 92.6 73.0 109.4

89 42.7 34.8 52.2



#82

4-Chlorotoluene

Concen: 48.065 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060758.D

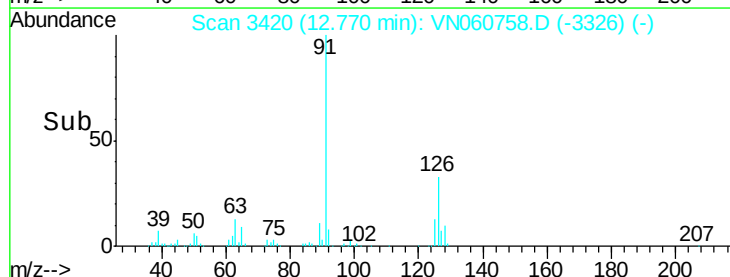
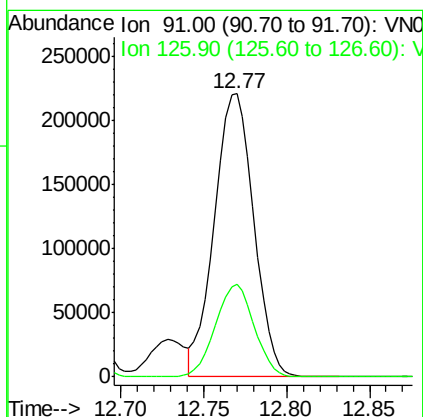
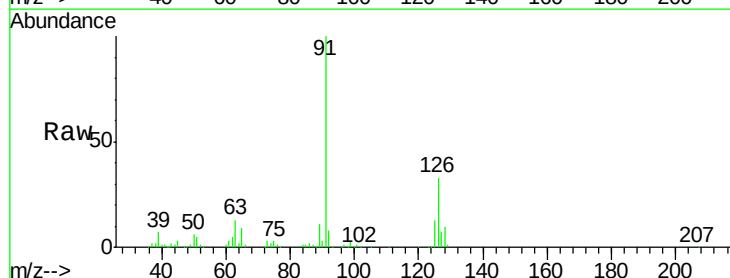
Acq: 27 Mar 2020 21:46

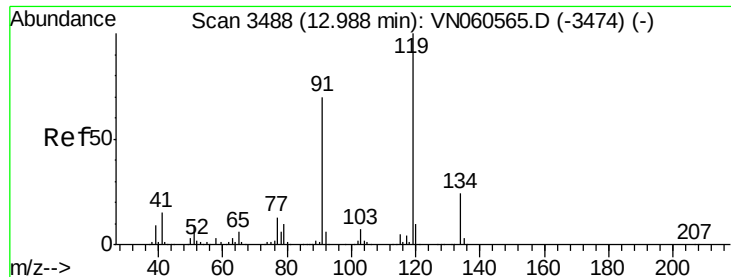
Tgt Ion: 91 Resp: 365155

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5

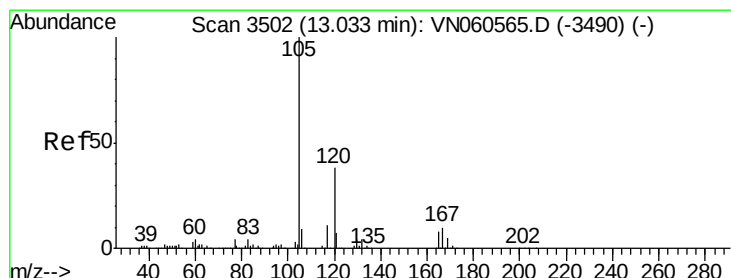
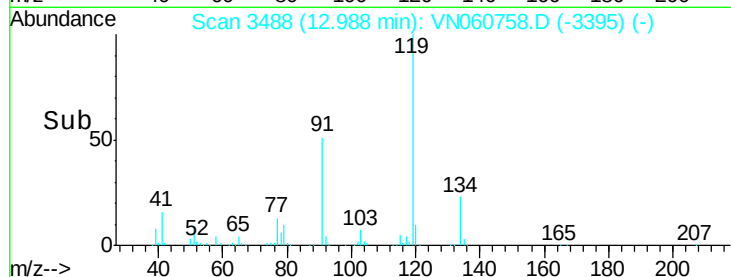
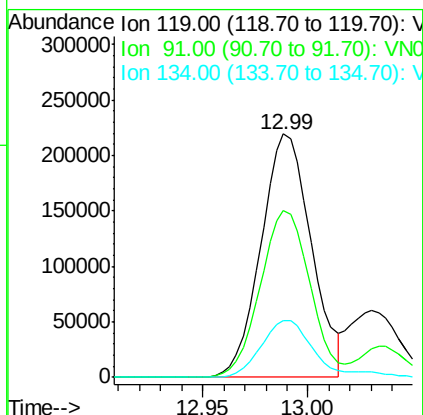
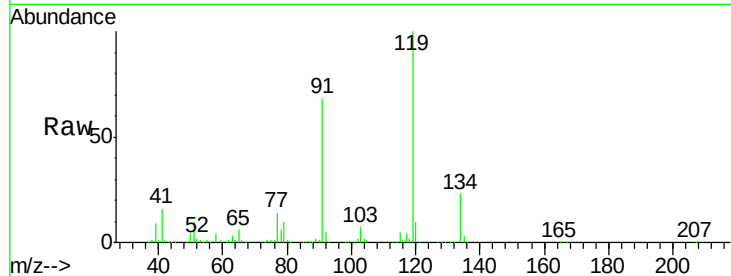




#83  
 tert-Butylbenzene  
 Concen: 49.027 ug/l  
 RT: 12.99 min Scan# 3488  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

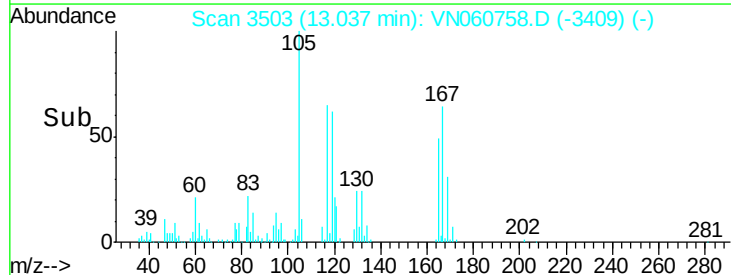
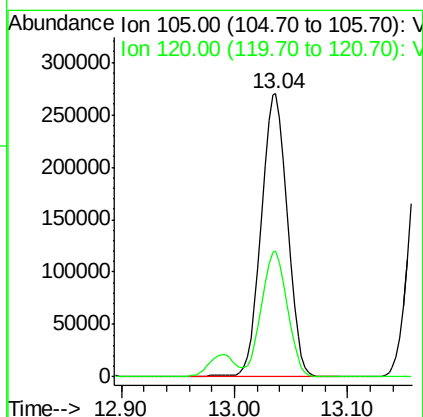
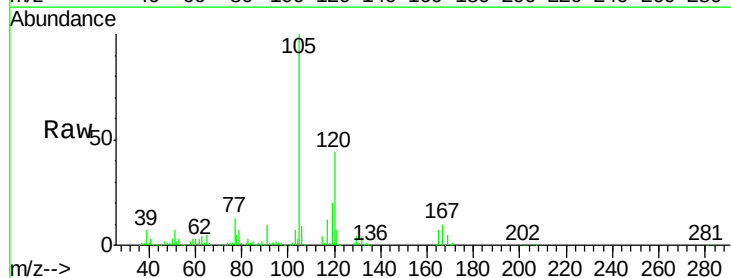
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

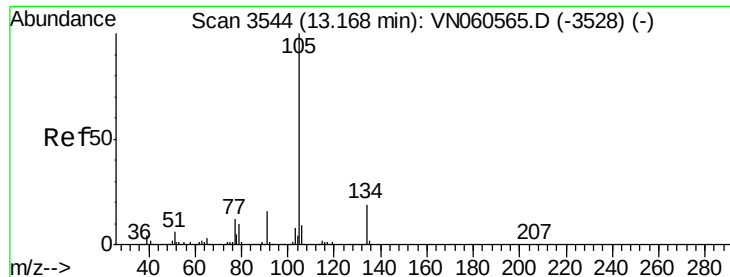
Tgt Ion:119 Resp: 364453  
 Ion Ratio Lower Upper  
 119 100  
 91 67.9 34.0 101.8  
 134 25.0 12.7 38.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.007 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion:105 Resp: 434764  
 Ion Ratio Lower Upper  
 105 100  
 120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 49.734 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

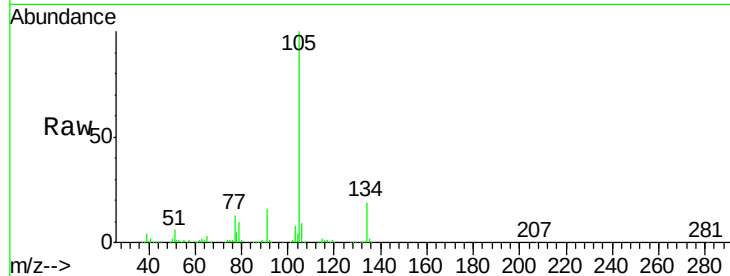
VSTDCCC050EC

Tgt Ion:105 Resp: 497147

Ion Ratio Lower Upper

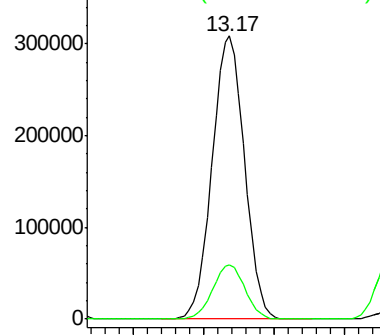
105 100

134 19.1 9.6 28.8

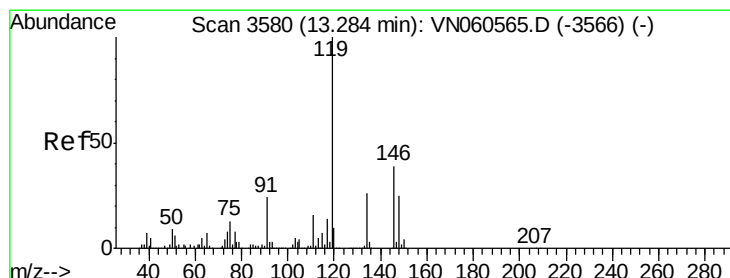
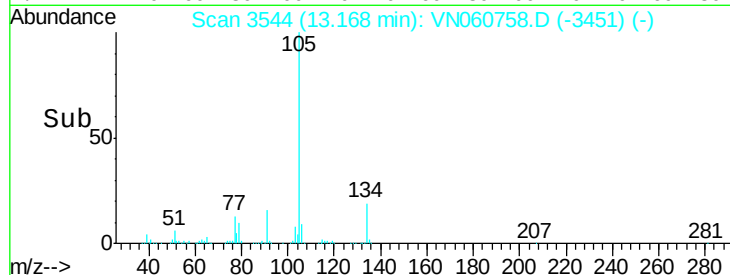


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 49.527 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

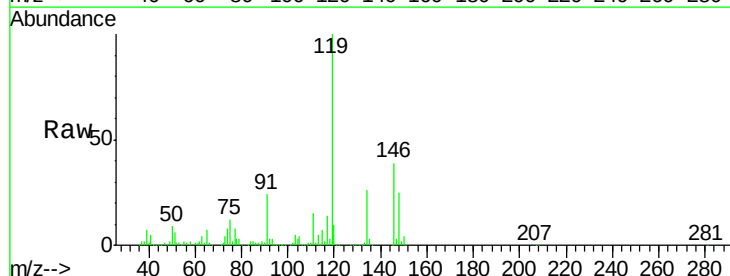
Tgt Ion:119 Resp: 445183

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

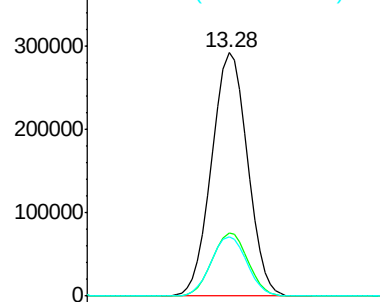
91 24.4 12.0 36.0



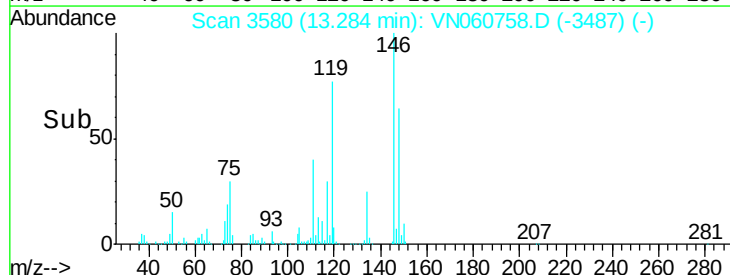
Abundance Ion 119.00 (118.70 to 119.70): V

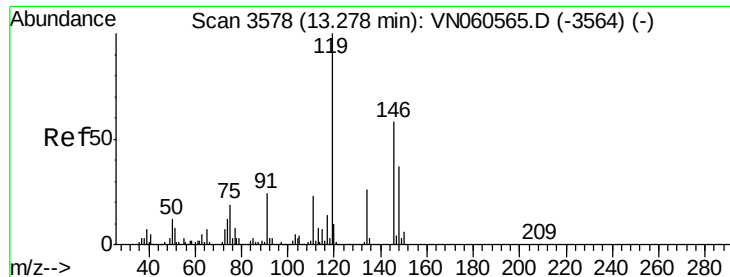
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

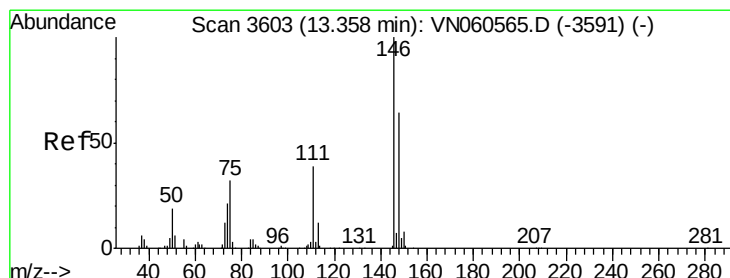
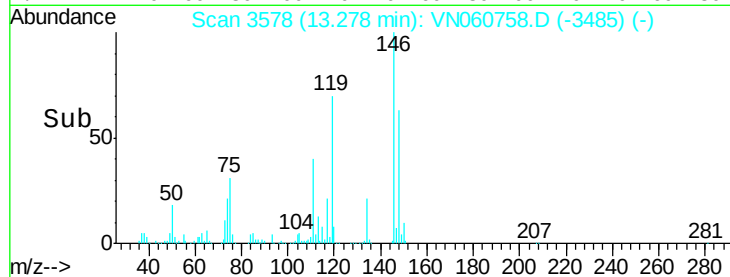
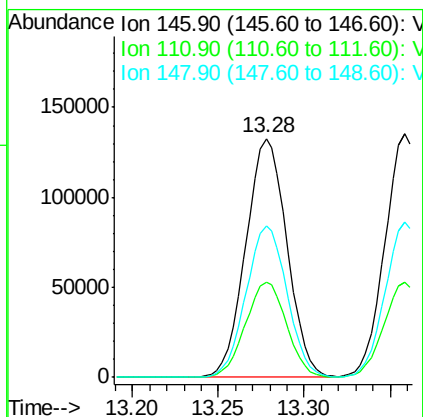
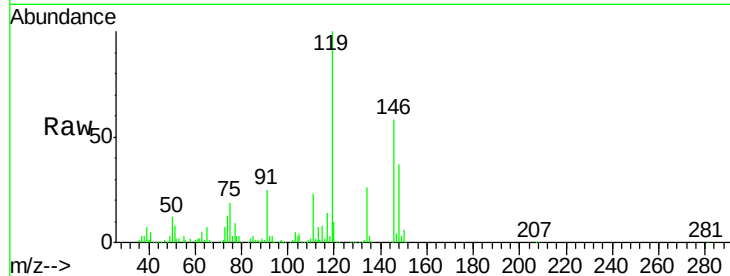




#87  
 1,3-Dichlorobenzene  
 Concen: 49.046 ug/l  
 RT: 13.28 min Scan# 3578  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

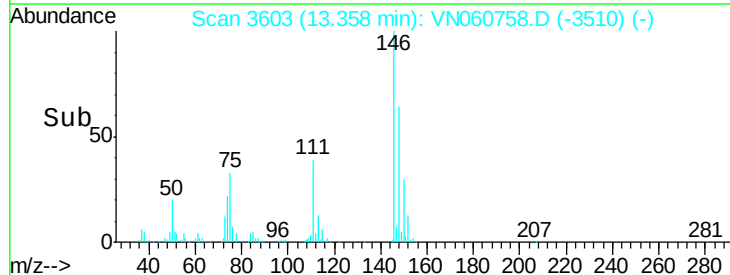
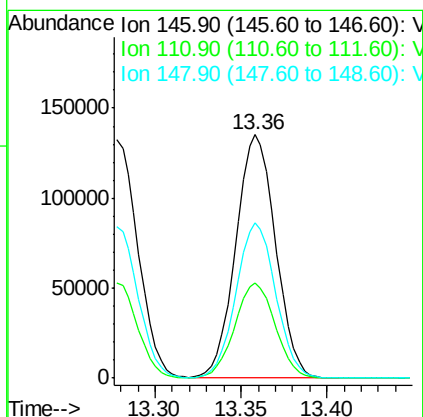
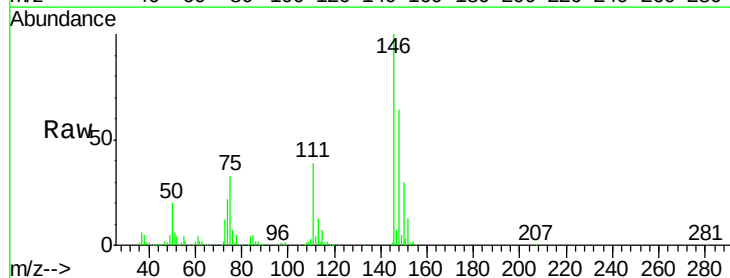
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:146 Resp: 220258  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 20.3 60.8  
 148 63.1 32.5 97.4

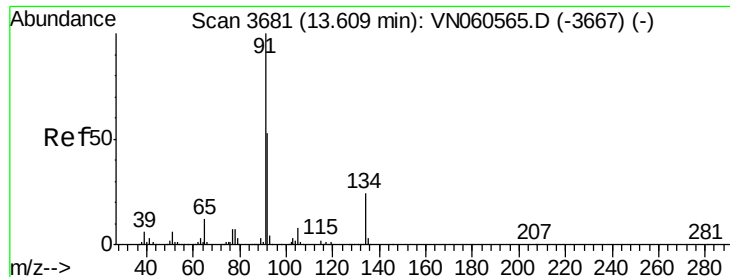


#88  
 1,4-Dichlorobenzene  
 Concen: 48.255 ug/l  
 RT: 13.36 min Scan# 3603  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion:146 Resp: 217724  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 19.6 58.7  
 148 63.6 32.1 96.3







#89

n-Butylbenzene

Concen: 50.143 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

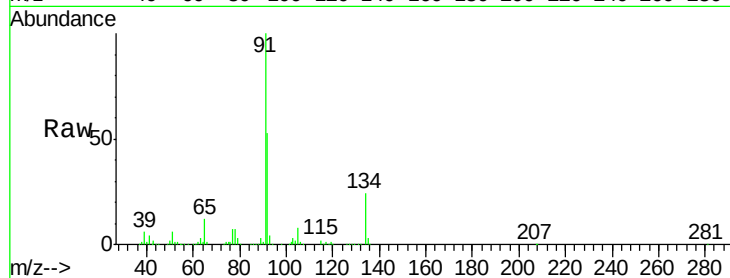
Tgt Ion: 91 Resp: 406940

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.5

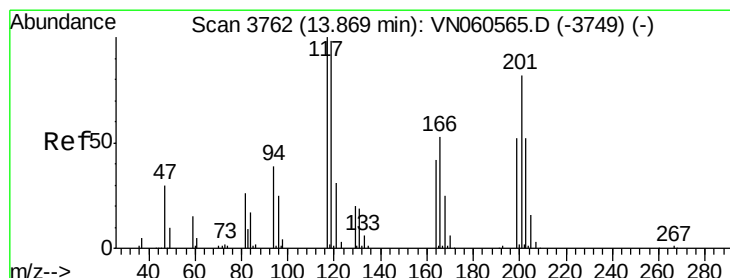
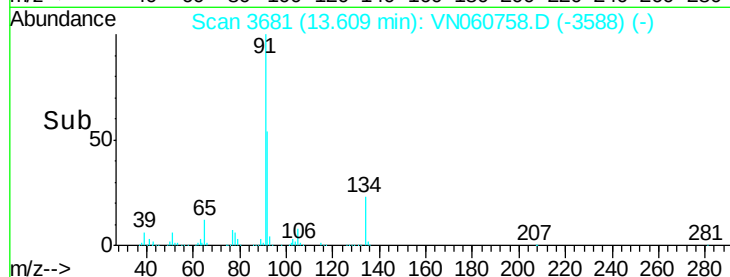
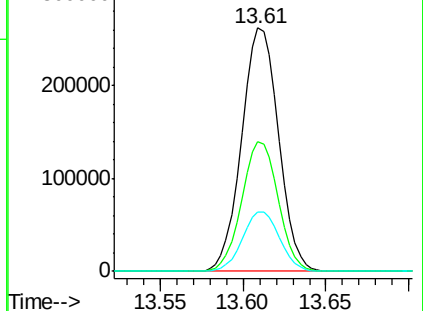
134 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060758.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060758.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060758.D (-3667) (-)



#90

Hexachloroethane

Concen: 54.308 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN060758.D

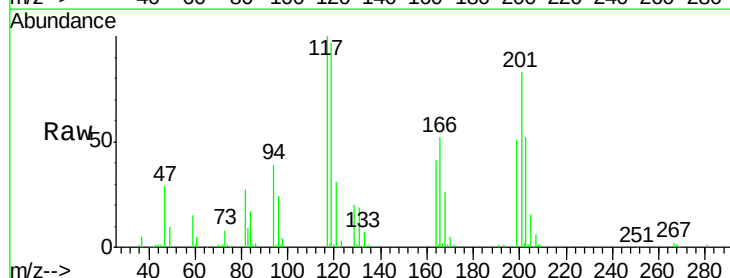
Acq: 27 Mar 2020 21:46

Tgt Ion: 117 Resp: 70959

Ion Ratio Lower Upper

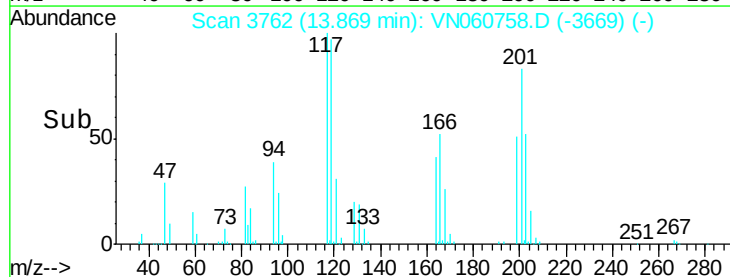
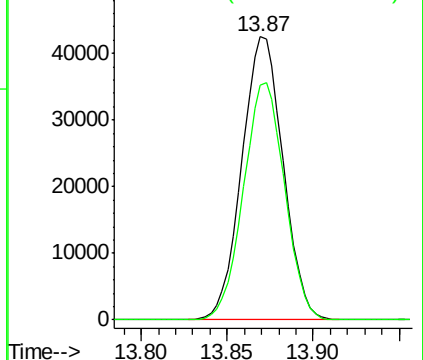
117 100

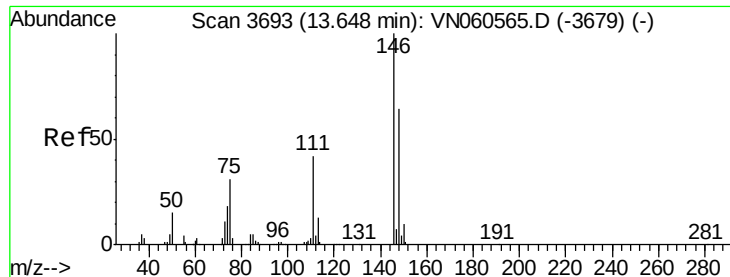
201 83.2 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060758.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060758.D (-3749) (-)

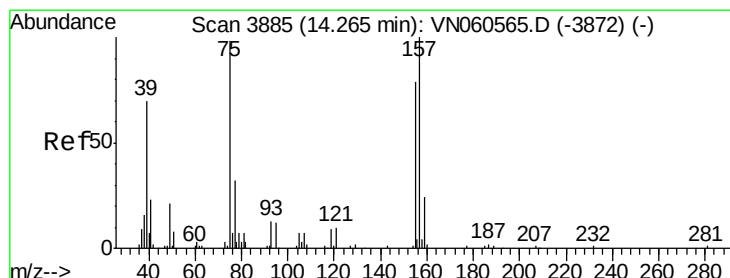
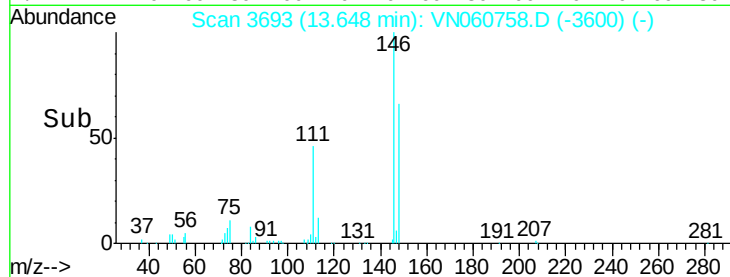
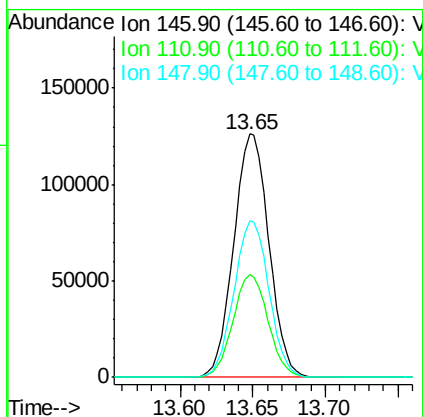
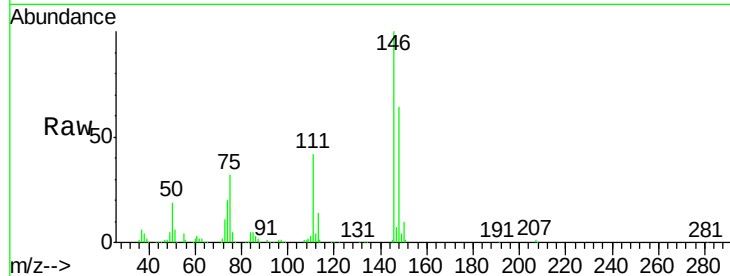




#91  
 1,2-Dichlorobenzene  
 Concen: 49.524 ug/l  
 RT: 13.65 min Scan# 3693  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

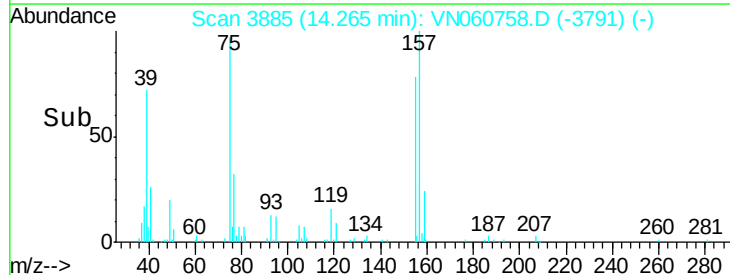
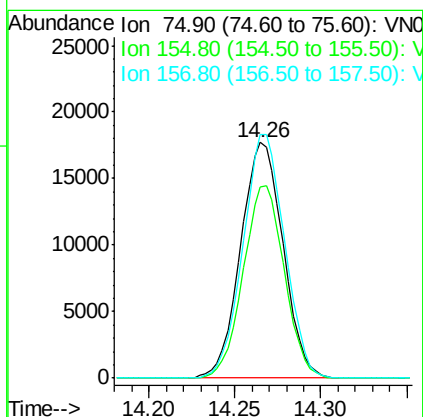
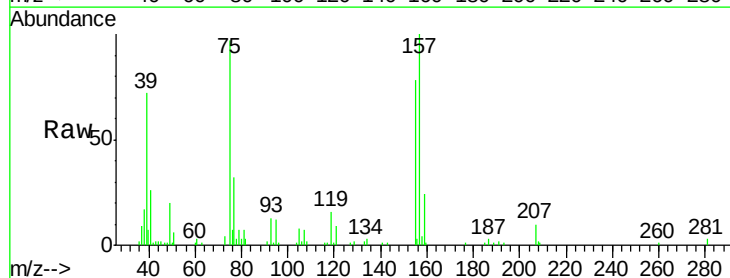
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

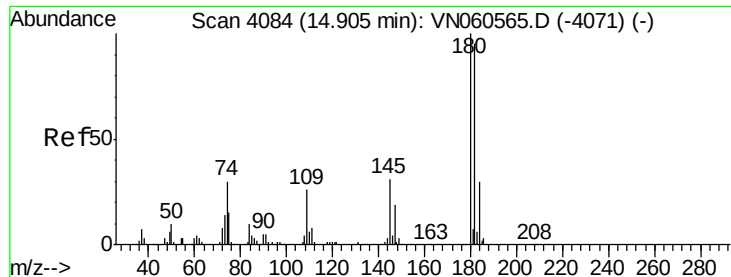
Tgt Ion: 146 Resp: 212662  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 21.0 63.0  
 148 64.0 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.384 ug/l  
 RT: 14.26 min Scan# 3885  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion: 75 Resp: 30393  
 Ion Ratio Lower Upper  
 75 100  
 155 78.9 40.7 122.1  
 157 101.2 51.5 154.7

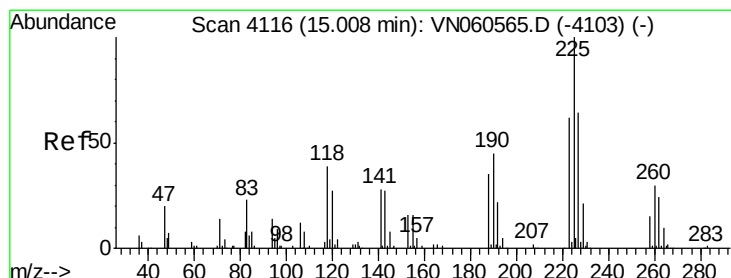
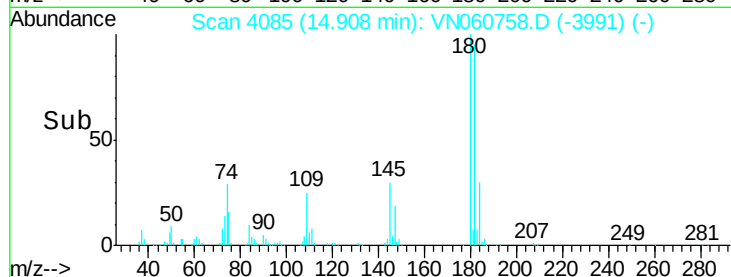
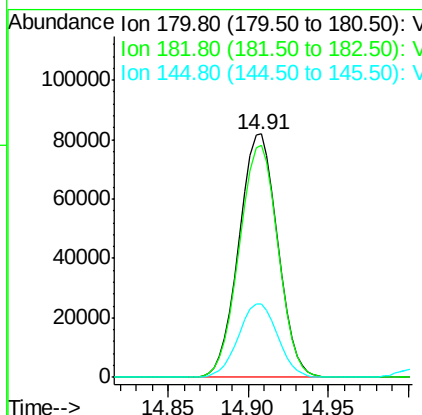
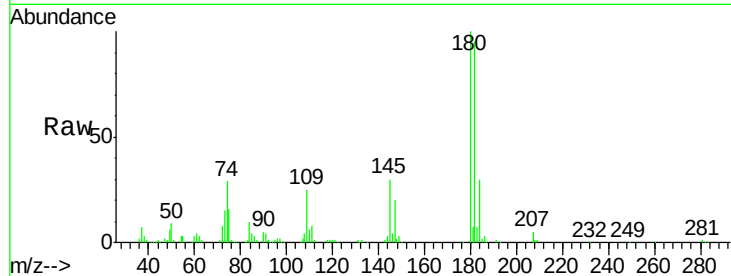




#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.168 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

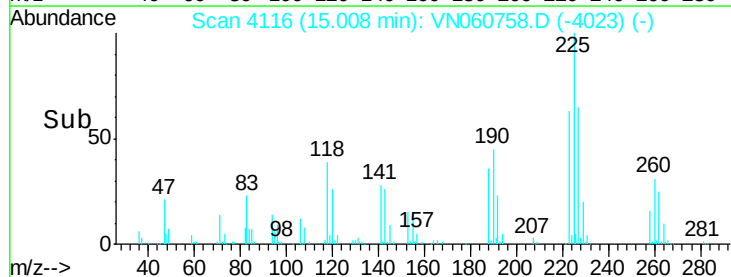
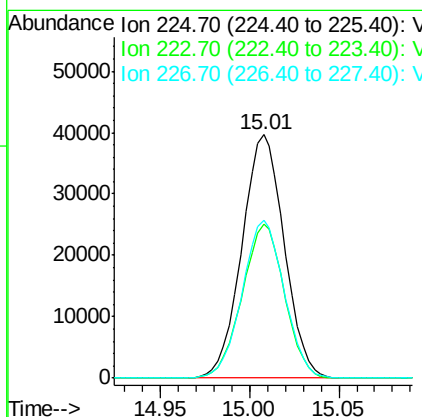
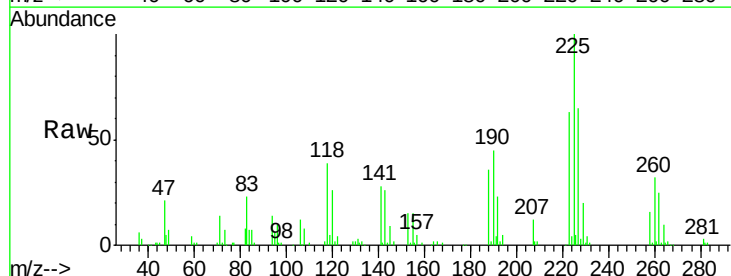
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

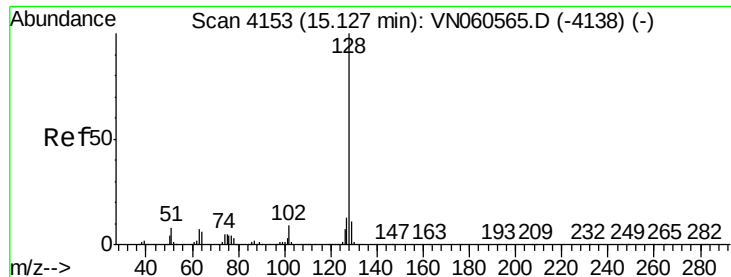
Tgt Ion:180 Resp: 134931  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 47.9 143.8  
 145 30.8 15.4 46.2



#94  
 Hexachlorobutadiene  
 Concen: 50.788 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN060758.D  
 Acq: 27 Mar 2020 21:46

Tgt Ion:225 Resp: 65654  
 Ion Ratio Lower Upper  
 225 100  
 223 63.1 31.6 95.0  
 227 64.5 32.3 96.8

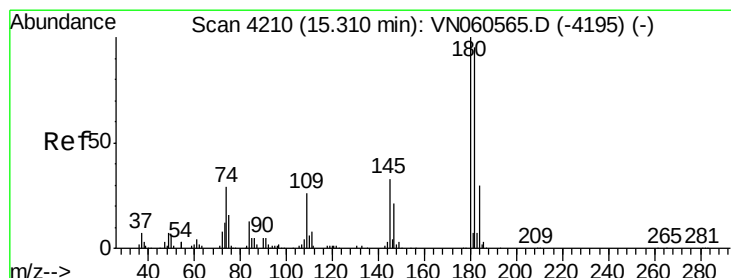
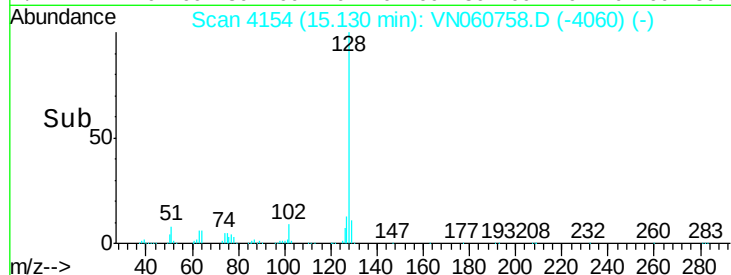
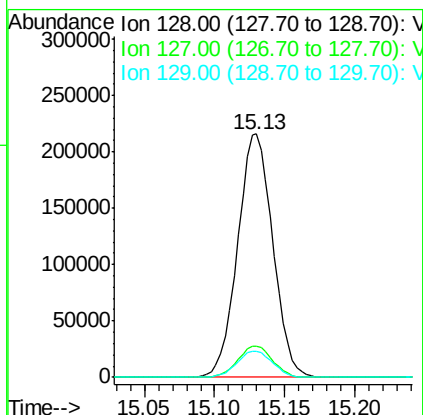
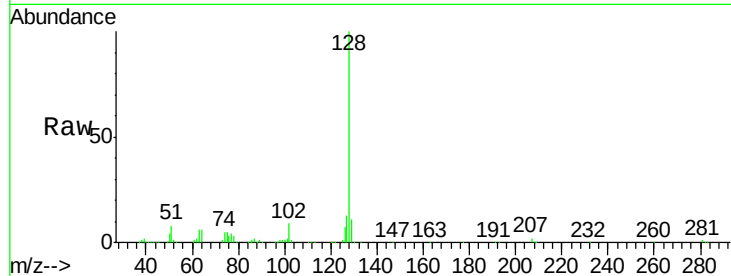




#95  
Naphthalene  
Concen: 47.534 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 377019  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 11.0 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 49.395 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. 0.00 min  
Lab File: VN060758.D  
Acq: 27 Mar 2020 21:46

Tgt Ion:180 Resp: 128299  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.5 142.6  
145 32.3 16.3 48.8

