

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN011520\  
 Data File : VN059719.D  
 Acq On : 15 Jan 2020 17:15  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 16 03:43:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 14 08:58:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 196990   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.56  | 114  | 301056   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 272687   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 134206   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.00   | 65  | 106226   | 48.56 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.12%  |      |
| 35) Dibromofluoromethane    | 7.56   | 113 | 91376    | 50.90 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.80% |      |
| 50) Toluene-d8              | 10.08  | 98  | 350731   | 50.42 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.84% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 126702   | 50.53 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.06% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 123391  | 53.161  | ug/l   | 98     |
| 3) Chloromethane              | 2.04 | 50  | 112390  | 49.834  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 136823  | 53.023  | ug/l   | 97     |
| 5) Bromomethane               | 2.54 | 94  | 85502   | 54.295  | ug/l   | 98     |
| 6) Chloroethane               | 2.68 | 64  | 64474   | 52.812  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 167303  | 53.987  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.38 | 74  | 57910   | 53.248  | ug/l   | 84     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 95001   | 55.081  | ug/l   | 91     |
| 10) Methyl Iodide             | 3.93 | 142 | 147411  | 52.875  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 4.72 | 59  | 78592   | 213.406 | ug/l # | 85     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 94147   | 52.239  | ug/l   | 87     |
| 13) Acrolein                  | 3.57 | 56  | 56700   | 217.496 | ug/l   | 99     |
| 14) Allyl chloride            | 4.29 | 41  | 125257  | 51.563  | ug/l # | 86     |
| 15) Acrylonitrile             | 4.94 | 53  | 205744  | 244.915 | ug/l   | 99     |
| 16) Acetone                   | 3.78 | 43  | 164403  | 219.102 | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.03 | 76  | 261666  | 50.967  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.28 | 43  | 119051  | 46.590  | ug/l # | 90     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 304202  | 51.769  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.52 | 84  | 102193  | 51.676  | ug/l   | 88     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 101162  | 52.805  | ug/l   | 88     |
| 22) Diisopropyl ether         | 5.91 | 45  | 287112  | 52.154  | ug/l # | 96     |
| 23) Vinyl Acetate             | 5.85 | 43  | 1105345 | 259.333 | ug/l   | 95     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 174910  | 51.999  | ug/l   | 97     |
| 25) 2-Butanone                | 6.79 | 43  | 259371  | 209.366 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 6.79 | 77  | 166530  | 51.496  | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 116921  | 53.062  | ug/l   | 88     |
| 28) Bromochloromethane        | 7.16 | 49  | 63793   | 47.450  | ug/l # | 72     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 172844  | 225.500 | ug/l   | 88     |
| 30) Chloroform                | 7.34 | 83  | 185567  | 53.244  | ug/l   | 98     |
| 31) Cyclohexane               | 7.63 | 56  | 156465  | 48.340  | ug/l   | 89     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97  | 170903  | 53.035  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 139628  | 53.258  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.89 | 43  | 113346  | 46.096  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 154980  | 54.343  | ug/l   | 98     |

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 ClientSampleID :  
 VSTDCCC050EC

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 Quant Title : SW846 8260  
 QLast Update : Tue Jan 14 08:58:21 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 174679   | 54.036  | ug/l   | 91       |
| 40) Benzene                    | 8.02  | 78   | 411173   | 52.587  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 163208   | 134.753 | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 138989   | 52.429  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 205438   | 48.573  | ug/l # | 95       |
| 44) Trichloroethene            | 8.81  | 130  | 119025   | 55.763  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 103112   | 53.294  | ug/l   | 100      |
| 46) Dibromomethane             | 9.19  | 93   | 71485    | 52.377  | ug/l # | 88       |
| 47) Bromodichloromethane       | 9.38  | 83   | 150059   | 54.561  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.18  | 41   | 91463    | 48.346  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 31164    | 899.847 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 573744   | 234.668 | ug/l   | 94       |
| 52) Toluene                    | 10.14 | 92   | 266963   | 54.055  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 165903   | 54.023  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 179655   | 55.600  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 103589   | 52.959  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 155680   | 52.087  | ug/l   | 90       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 167842   | 54.048  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 270923   | 300.944 | ug/l   | 91       |
| 59) 2-Hexanone                 | 10.74 | 43   | 411275   | 228.336 | ug/l   | 94       |
| 60) Dibromochloromethane       | 10.89 | 129  | 122252   | 54.884  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 109988   | 53.649  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.62 | 164  | 109618   | 49.324  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.43 | 112  | 291891   | 54.460  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 113059   | 54.592  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 525036   | 53.962  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.61 | 106  | 404102   | 109.951 | ug/l   | 92       |
| 69) o-Xylene                   | 11.94 | 106  | 193579   | 53.800  | ug/l   | 94       |
| 70) Styrene                    | 11.96 | 104  | 329919   | 54.795  | ug/l   | 96       |
| 71) Bromoform                  | 12.12 | 173  | 90033    | 54.273  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.24 | 105  | 524393   | 53.278  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.06 | 43   | 185816   | 48.653  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 143886   | 50.427  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 187771   | 83.138  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 133161   | 53.424  | ug/l   | 80       |
| 78) n-propylbenzene            | 12.59 | 91   | 594126   | 53.780  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 341765   | 52.003  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 439951   | 53.150  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 52002    | 49.445  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 354551   | 53.786  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 378711   | 52.899  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 13.03 | 105  | 439483   | 53.666  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 505984   | 53.794  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 473159   | 54.365  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 237066   | 54.754  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 234823   | 54.366  | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.61 | 91   | 410897   | 55.371  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 88032    | 54.061  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 229460   | 53.608  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 29204    | 47.584  | ug/l   | 81       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 14 08:58:21 2020  
Response via : Initial Calibration

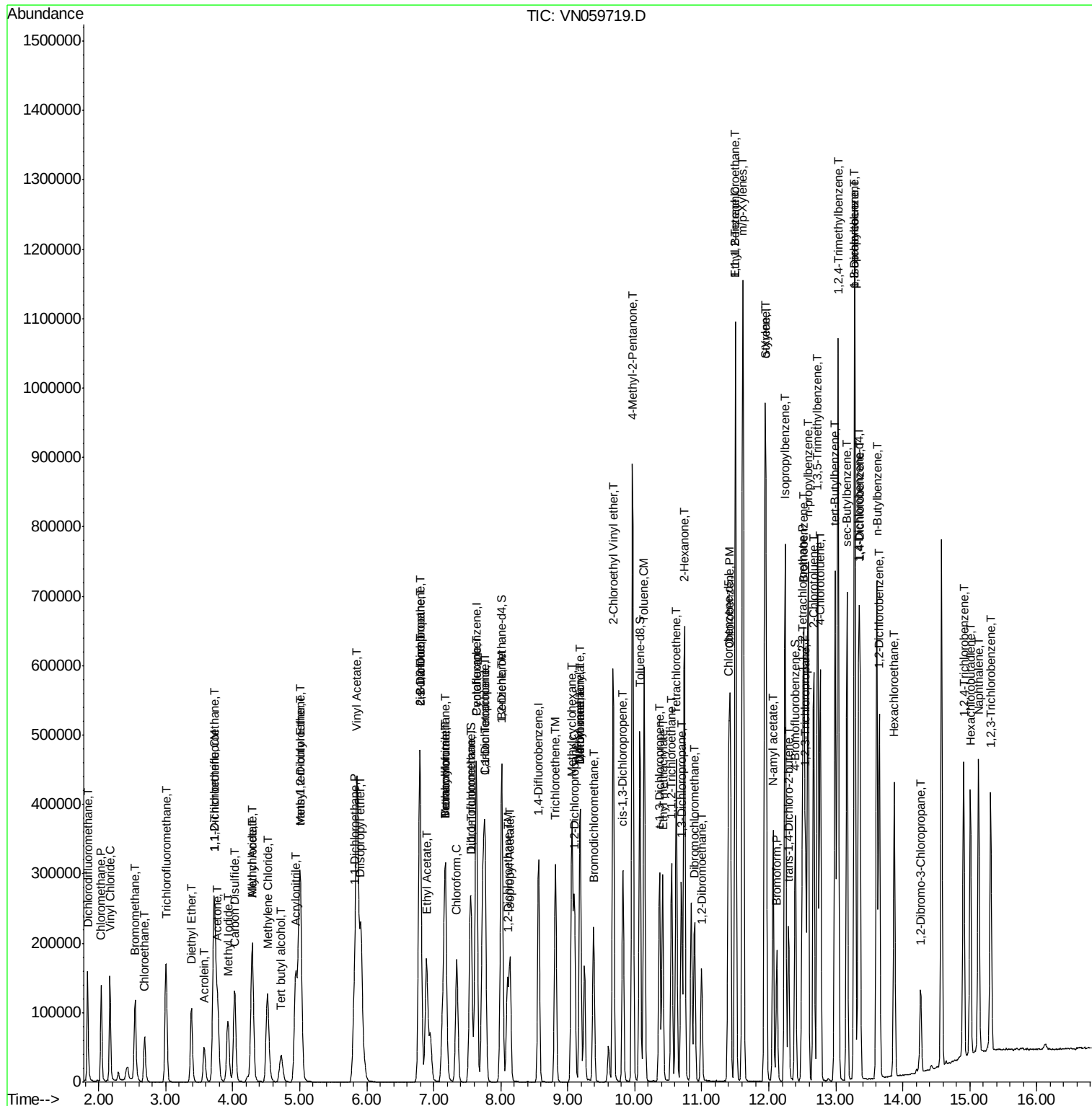
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 142486   | 55.399 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 75922    | 53.567 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 367730   | 50.266 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 131972   | 52.716 | ug/l  | 99       |

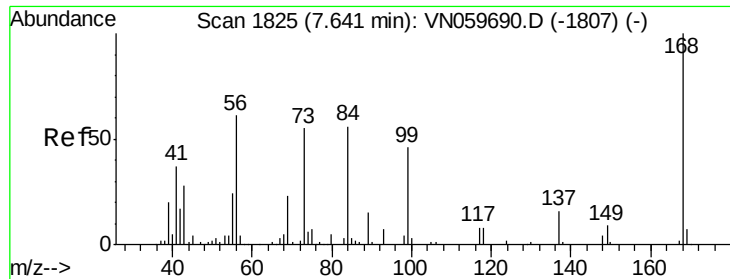
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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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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: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

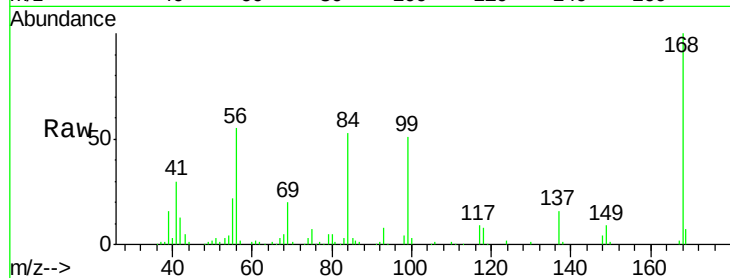
VSTDCCC050EC

Tgt Ion:168 Resp: 196990

Ion Ratio Lower Upper

168 100

99 51.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

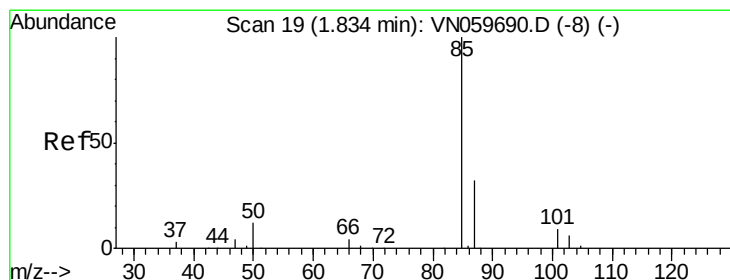
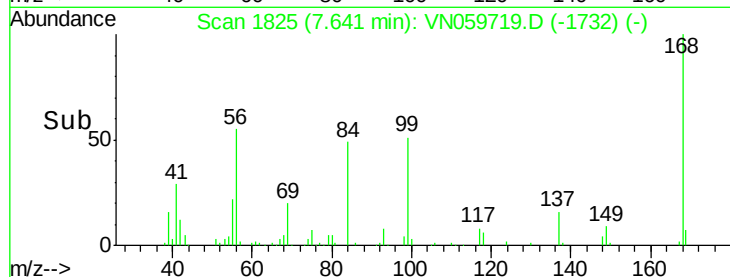
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20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 53.161 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059719.D

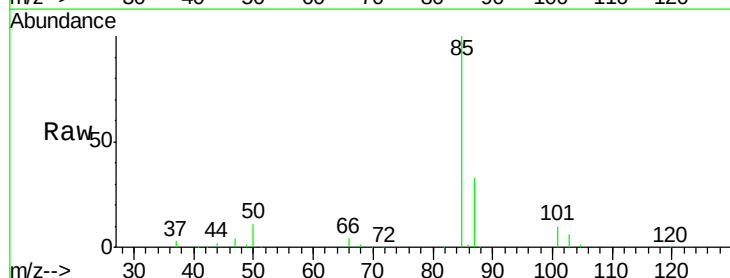
Acq: 15 Jan 2020 17:15

Tgt Ion: 85 Resp: 123391

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

60000

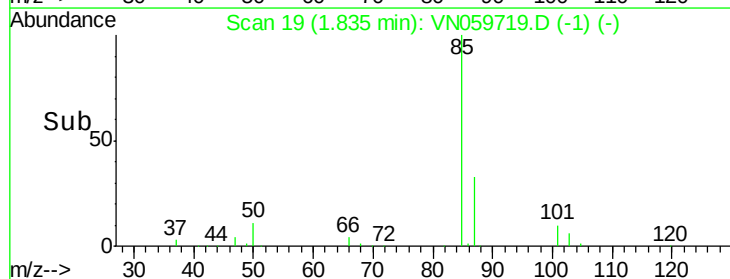
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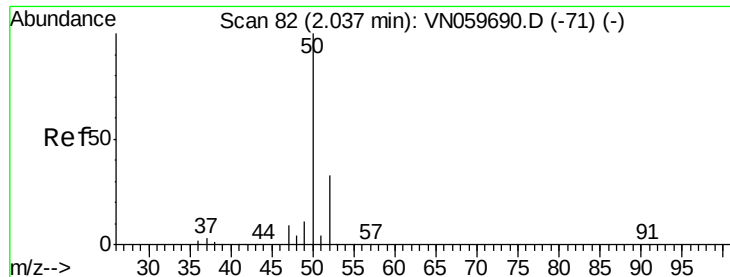
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1.75 1.80 1.85 1.90 1.95

Time-->

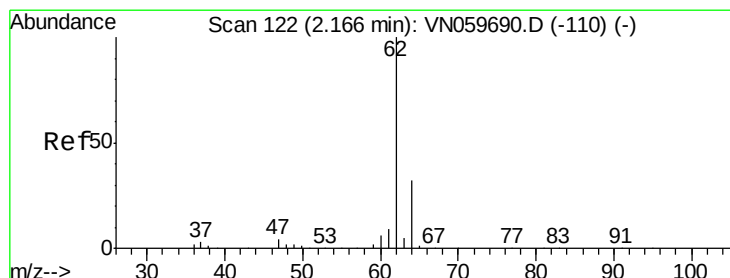
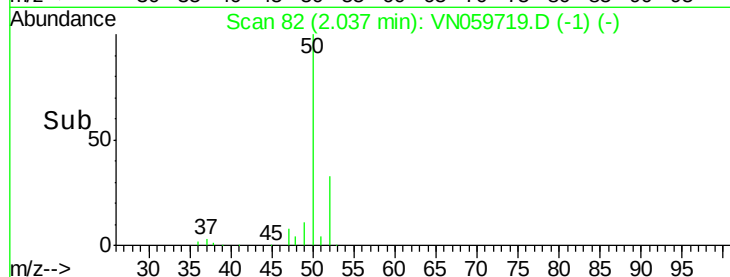
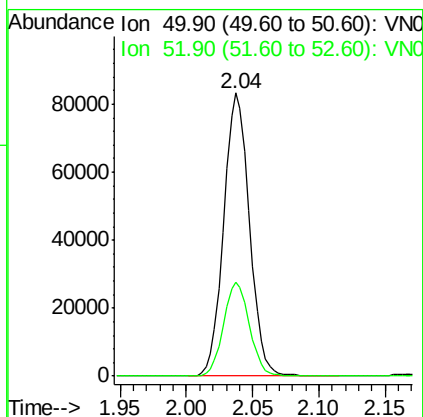
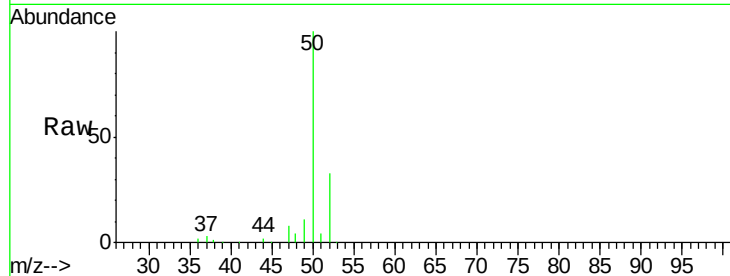




#3  
Chloromethane  
Concen: 49.834 ug/l  
RT: 2.04 min Scan# 82  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

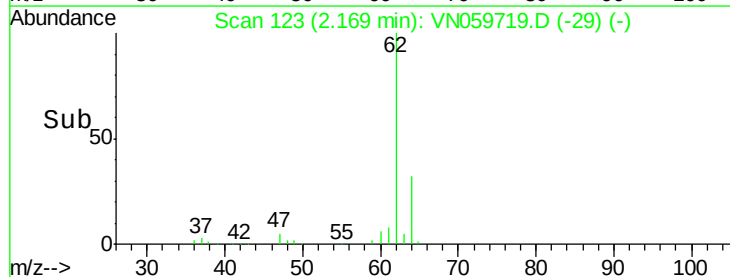
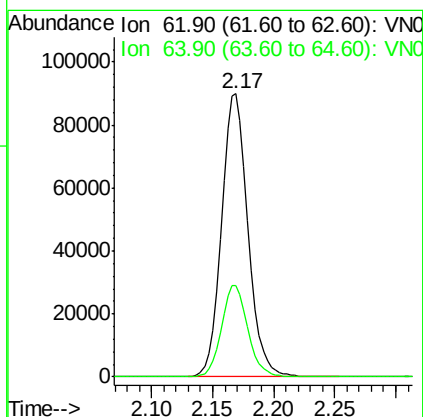
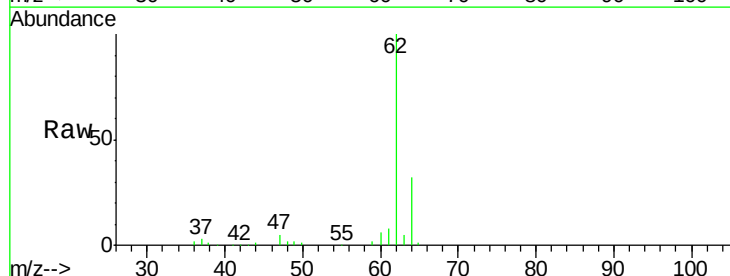
Instrument :  
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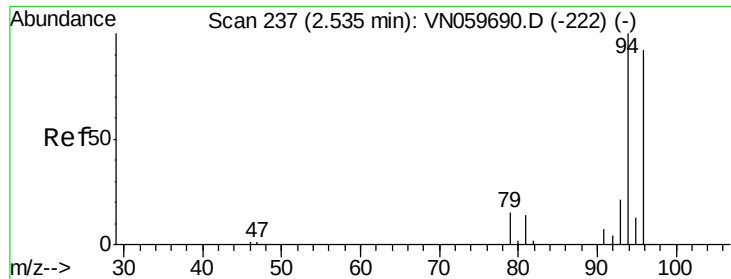
Tgt Ion: 50 Resp: 112390  
Ion Ratio Lower Upper  
50 100  
52 33.2 25.9 38.9



#4  
Vinyl Chloride  
Concen: 53.023 ug/l  
RT: 2.17 min Scan# 123  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 62 Resp: 136823  
Ion Ratio Lower Upper  
62 100  
64 32.2 24.6 37.0

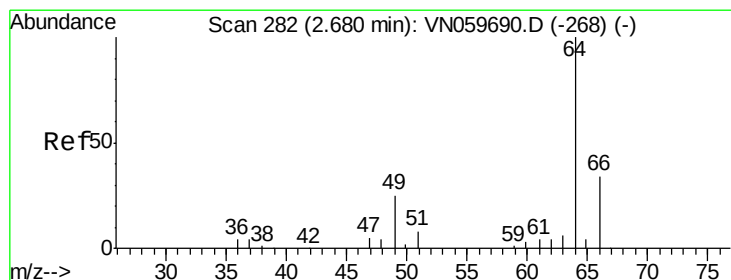
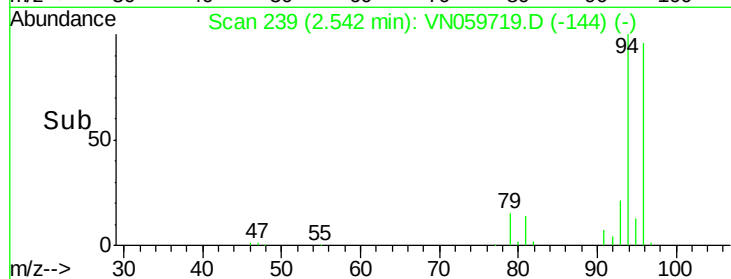
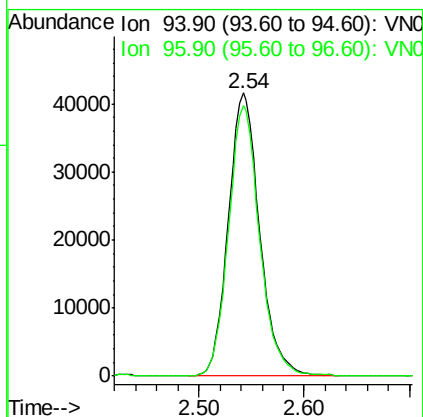
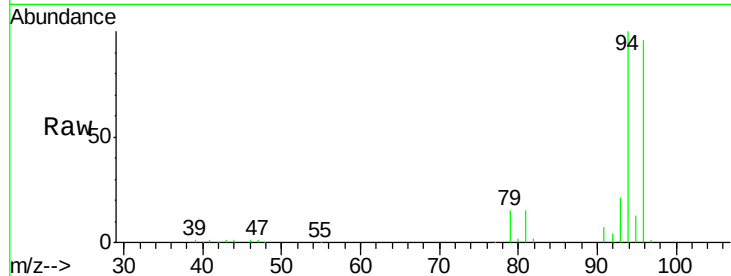




#5  
Bromomethane  
Concen: 54.295 ug/l  
RT: 2.54 min Scan# 239  
Delta R.T. 0.01 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

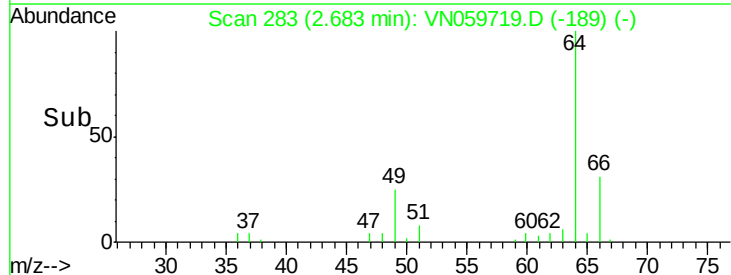
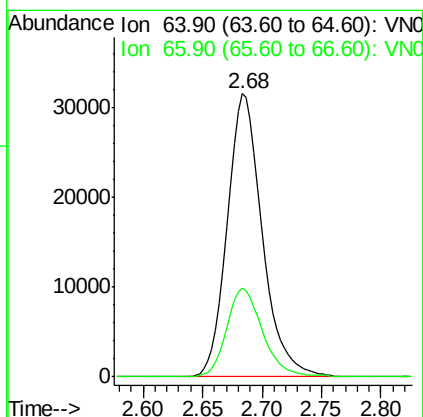
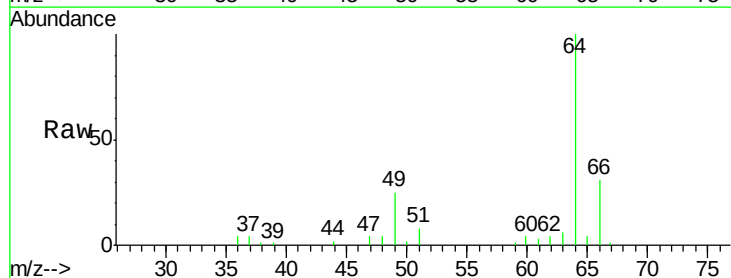
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

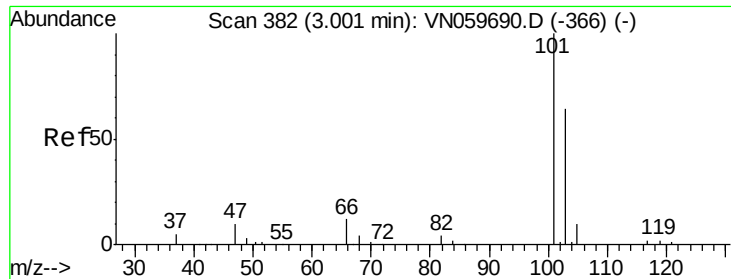
Tgt Ion: 94 Resp: 85502  
Ion Ratio Lower Upper  
94 100  
96 95.6 74.7 112.1



#6  
Chloroethane  
Concen: 52.812 ug/l  
RT: 2.68 min Scan# 283  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 64 Resp: 64474  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.1 37.7



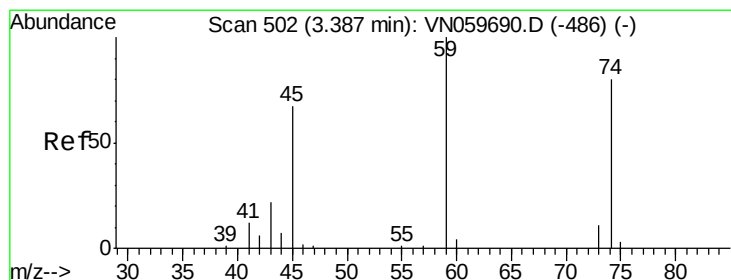
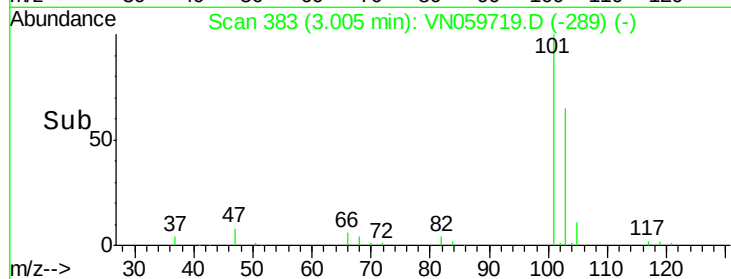
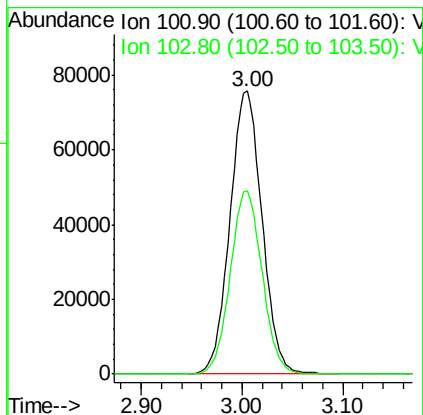
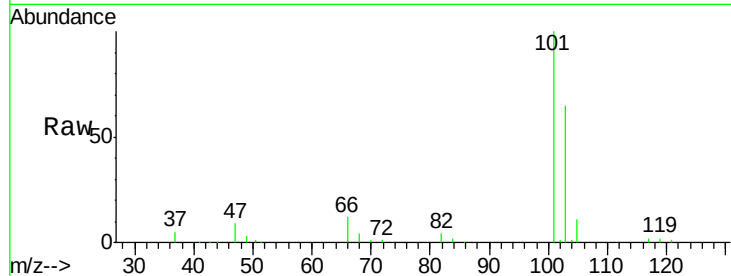


#7

Trichlorofluoromethane  
Concen: 53.987 ug/l  
RT: 3.00 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

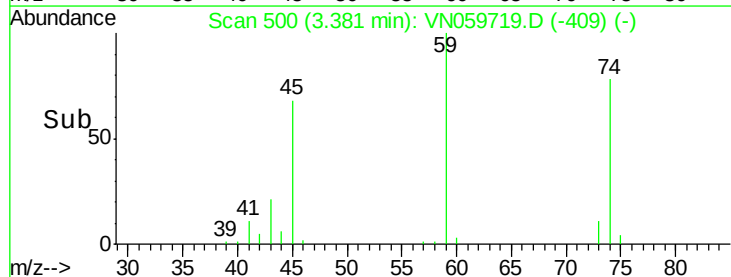
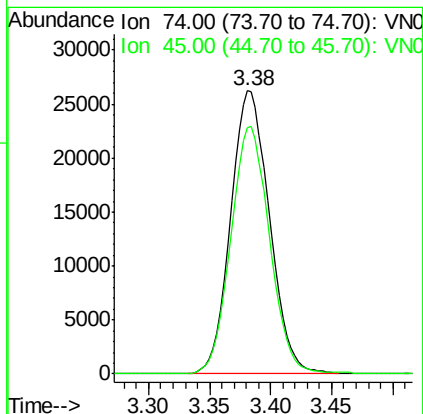
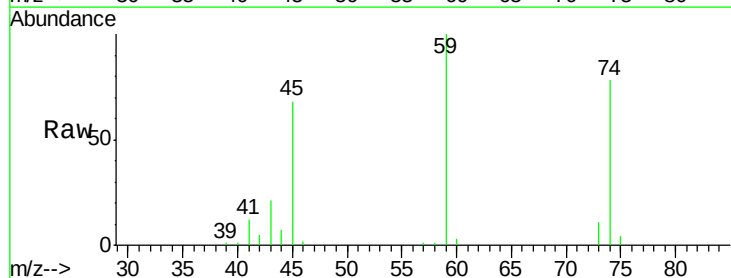
Tgt Ion: 101 Resp: 167303  
Ion Ratio Lower Upper  
101 100  
103 65.0 51.0 76.6



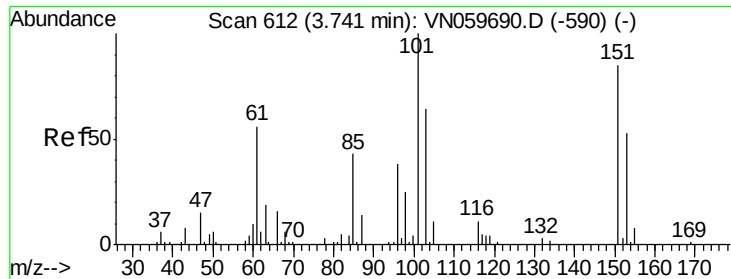
#8

Diethyl Ether  
Concen: 53.248 ug/l  
RT: 3.38 min Scan# 500  
Delta R.T. -0.01 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 74 Resp: 57910  
Ion Ratio Lower Upper  
74 100  
45 87.5 51.9 155.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.081 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

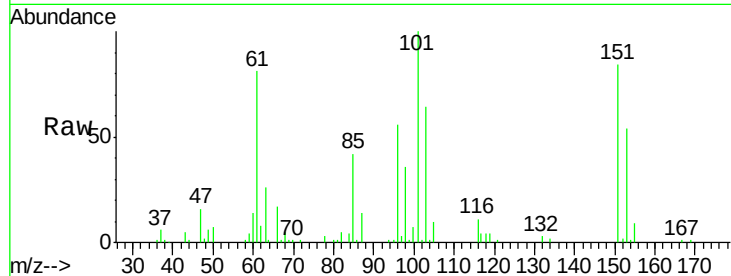
Tgt Ion:101 Resp: 95001

Ion Ratio Lower Upper

101 100

85 43.1 36.6 54.8

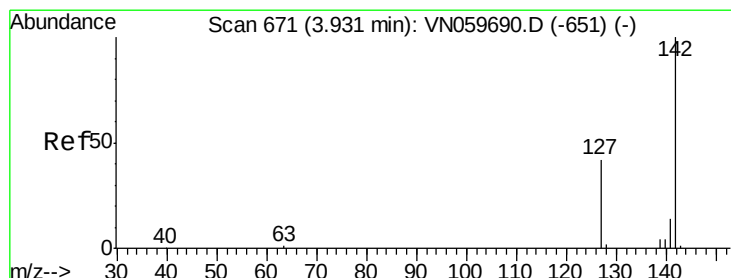
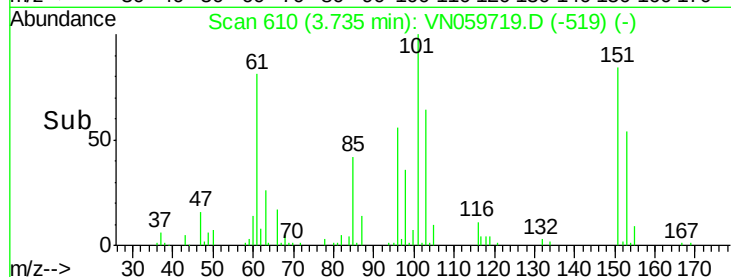
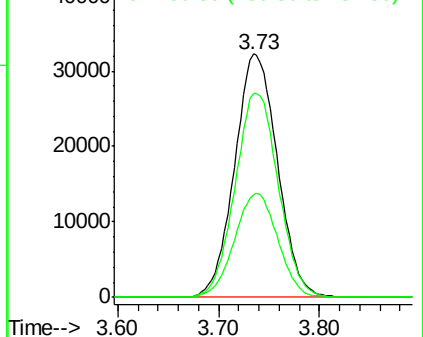
151 84.8 59.7 89.5



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: 52.875 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

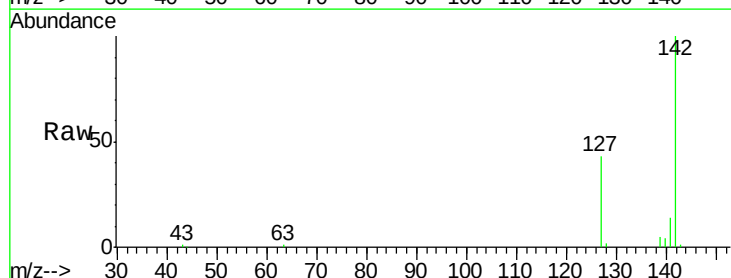
Tgt Ion:142 Resp: 147411

Ion Ratio Lower Upper

142 100

127 42.0 36.7 55.1

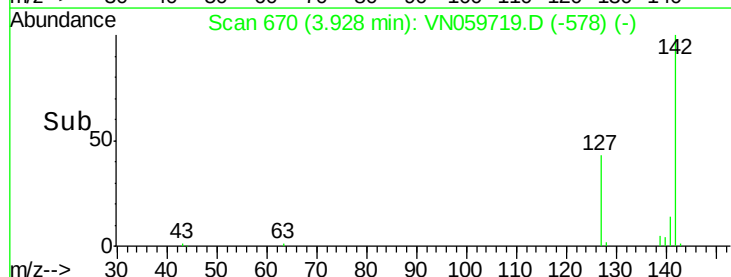
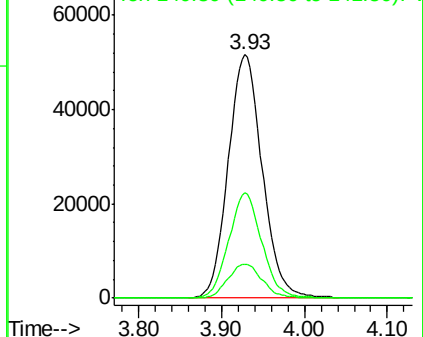
141 14.1 11.7 17.5

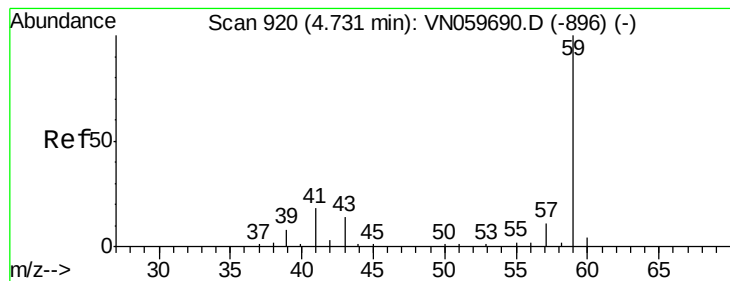


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



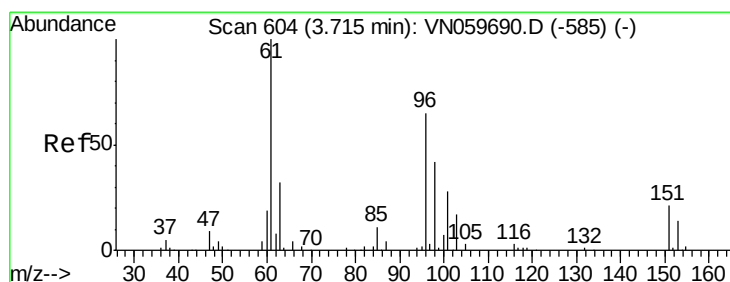
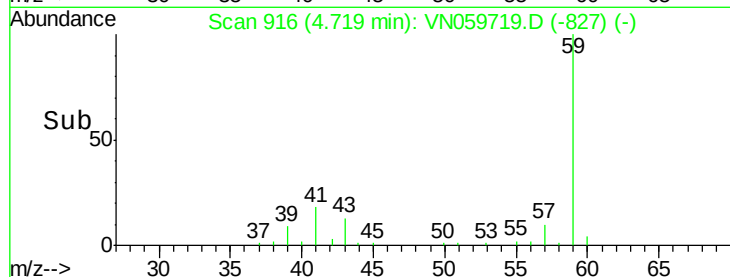
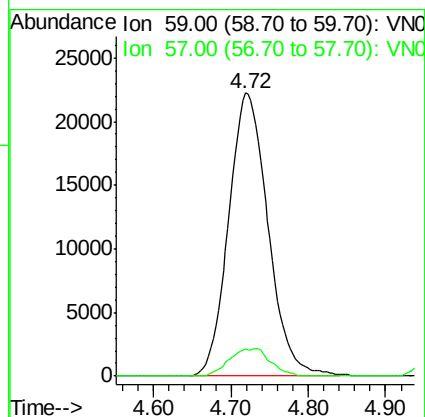
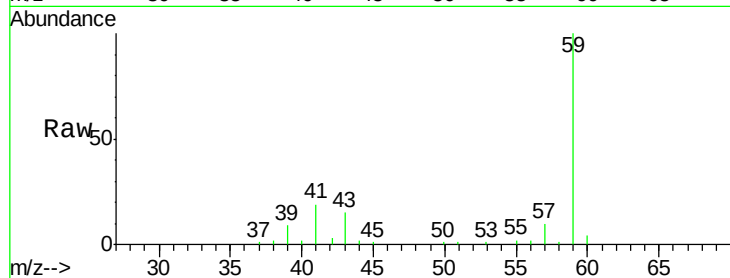


#11

Tert butyl alcohol  
Concen: 213.406 ug/l  
RT: 4.72 min Scan# 916  
Delta R.T. -0.01 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

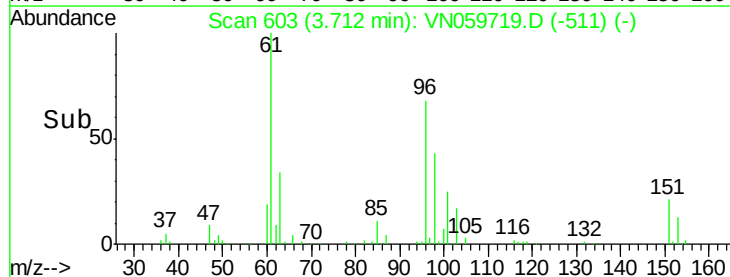
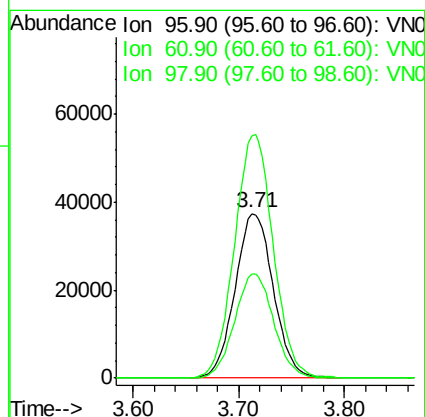
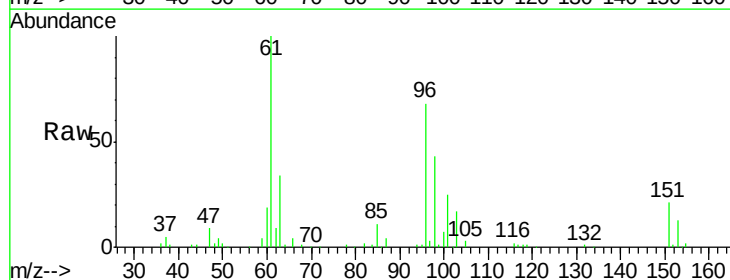
Tgt Ion: 59 Resp: 78592  
Ion Ratio Lower Upper  
59 100  
57 4.9 8.6 12.8#

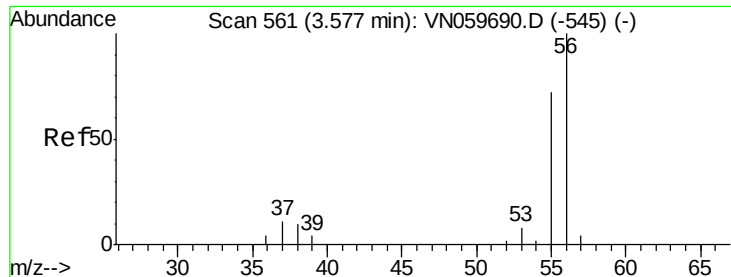


#12

1,1-Dichloroethene  
Concen: 52.239 ug/l  
RT: 3.71 min Scan# 603  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 96 Resp: 94147  
Ion Ratio Lower Upper  
96 100  
61 147.8 137.5 206.3  
98 63.1 50.2 75.4





#13

Acrolein

Concen: 217.496 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

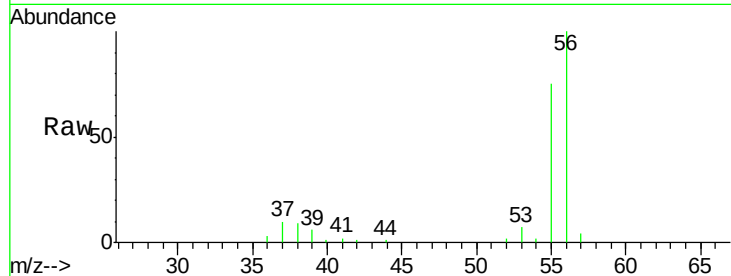
VSTDCCC050EC

Tgt Ion: 56 Resp: 56700

Ion Ratio Lower Upper

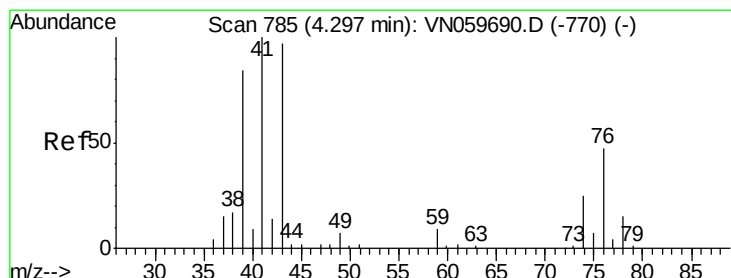
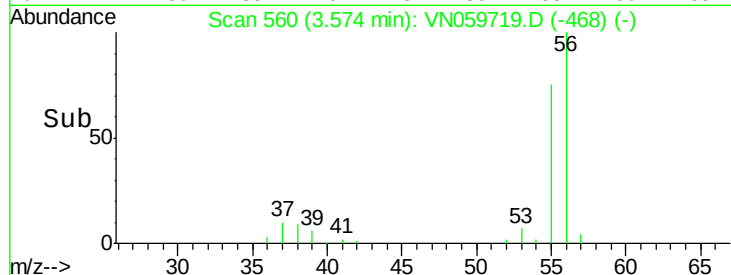
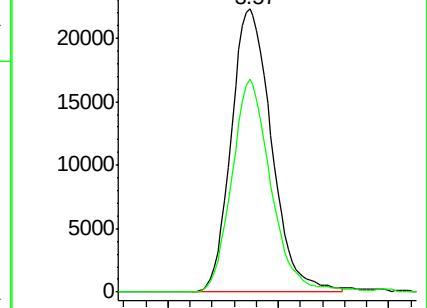
56 100

55 72.4 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.563 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

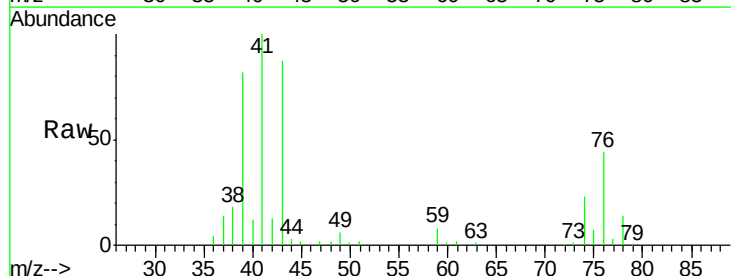
Tgt Ion: 41 Resp: 125257

Ion Ratio Lower Upper

41 100

39 80.2 57.8 86.8

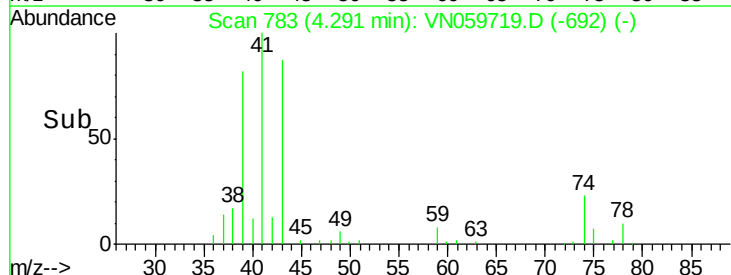
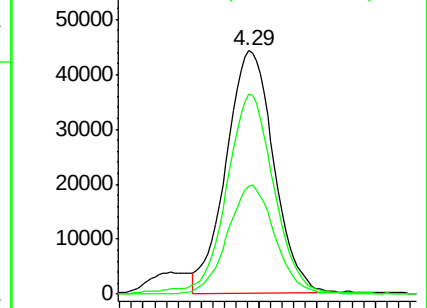
76 44.8 25.4 38.0#

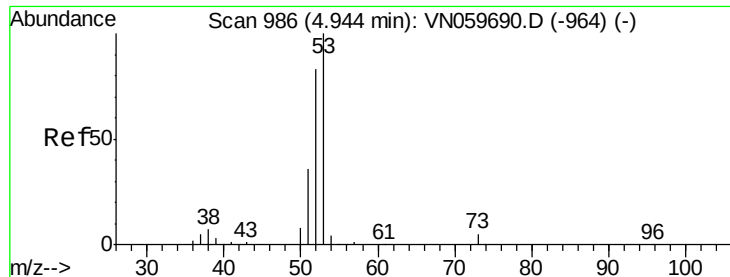


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 244.915 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

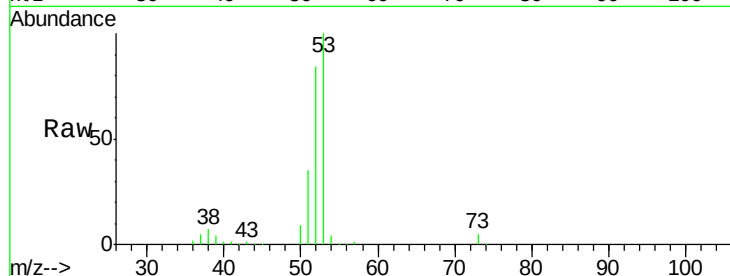
Tgt Ion: 53 Resp: 205744

Ion Ratio Lower Upper

53 100

52 82.0 66.3 99.5

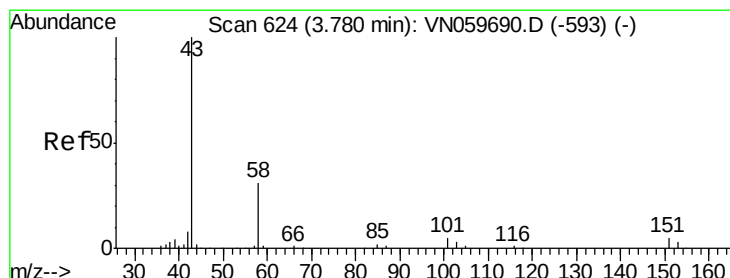
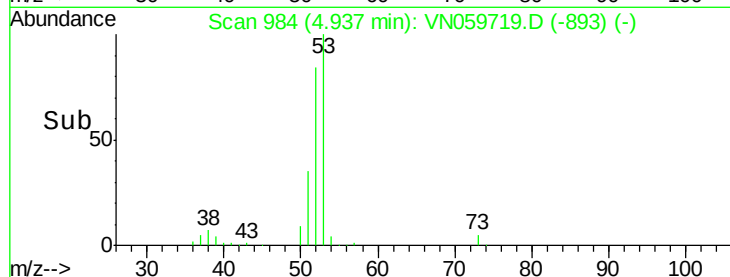
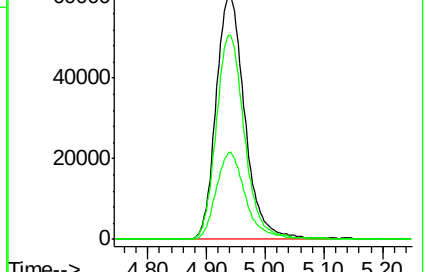
51 36.6 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059719.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059719.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059719.D (-893) (-)



#16

Acetone

Concen: 219.102 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN059719.D

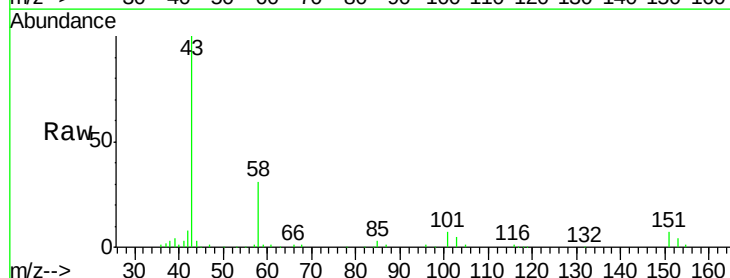
Acq: 15 Jan 2020 17:15

Tgt Ion: 43 Resp: 164403

Ion Ratio Lower Upper

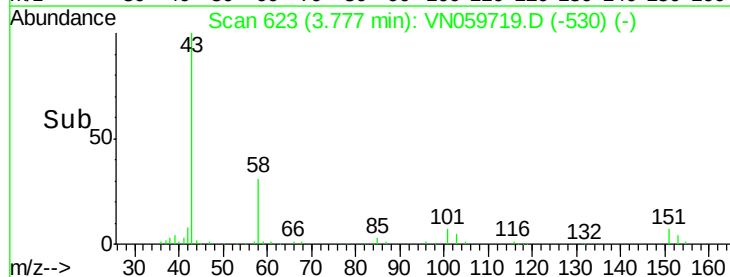
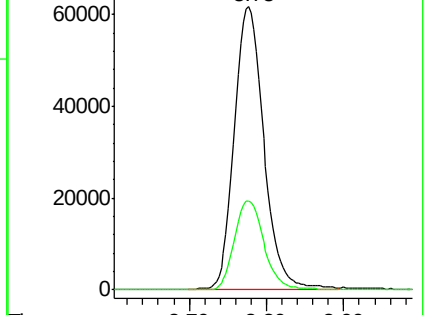
43 100

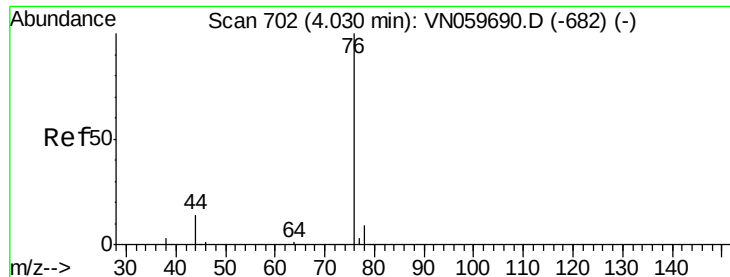
58 31.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059719.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059719.D (-530) (-)





#17

Carbon Disulfide

Concen: 50.967 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

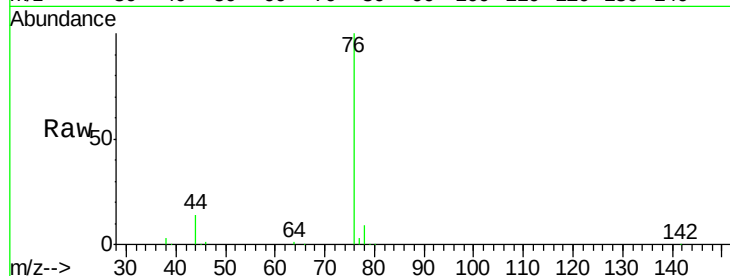
VSTDCCC050EC

Tgt Ion: 76 Resp: 261666

Ion Ratio Lower Upper

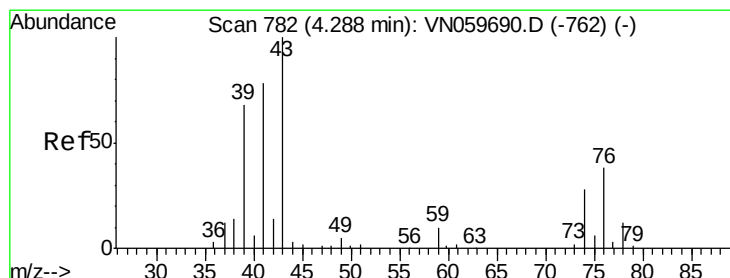
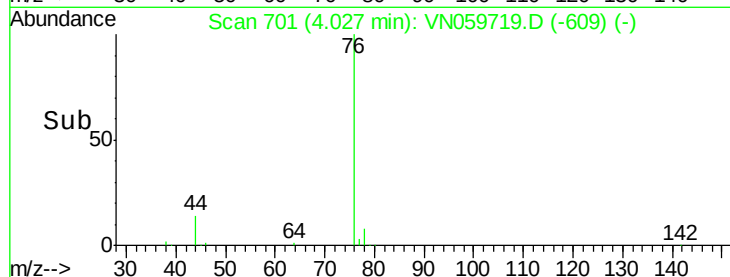
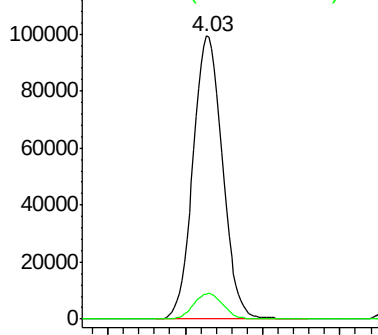
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 46.590 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN059719.D

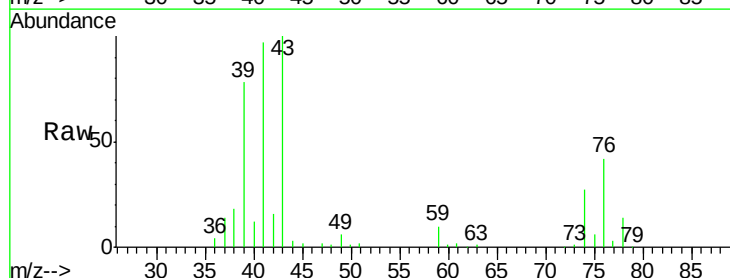
Acq: 15 Jan 2020 17:15

Tgt Ion: 43 Resp: 119051

Ion Ratio Lower Upper

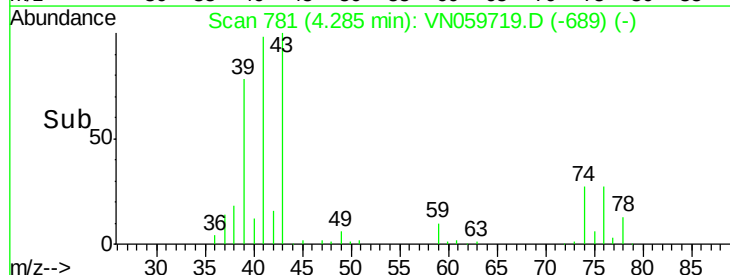
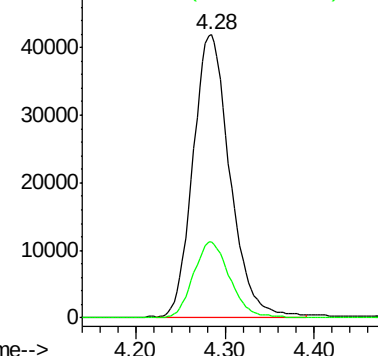
43 100

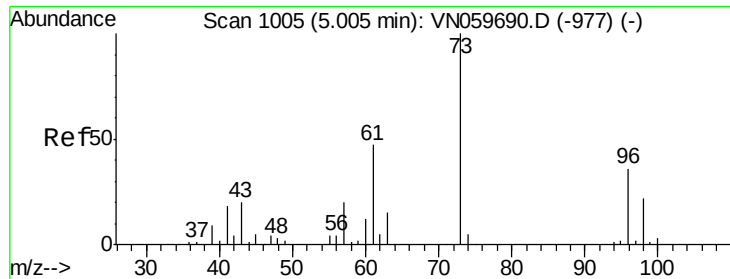
74 26.8 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

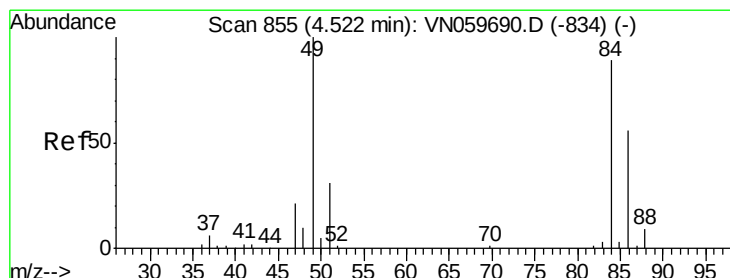
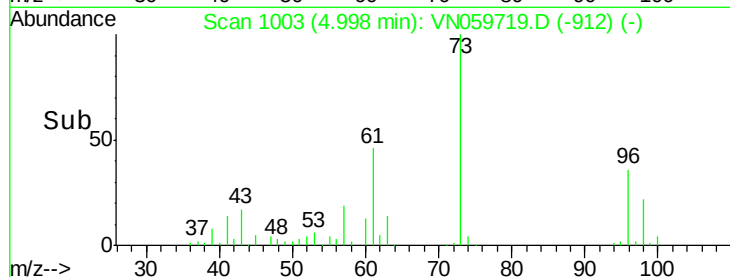
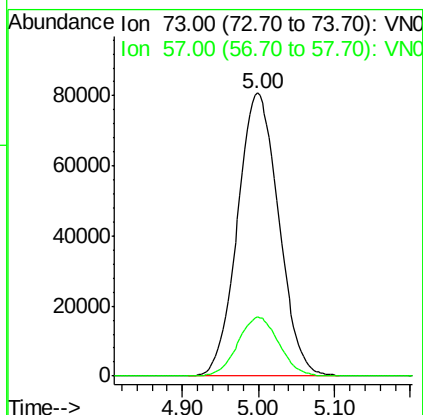
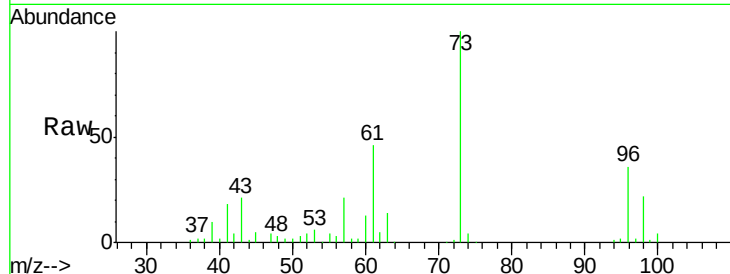




#19  
Methyl tert-butyl Ether  
Concen: 51.769 ug/l  
RT: 5.00 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

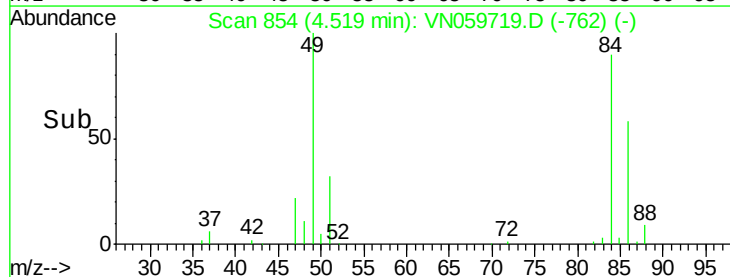
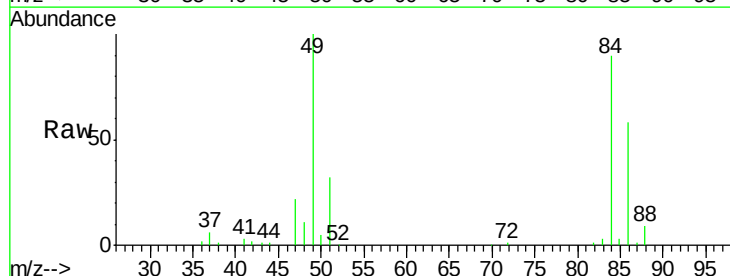
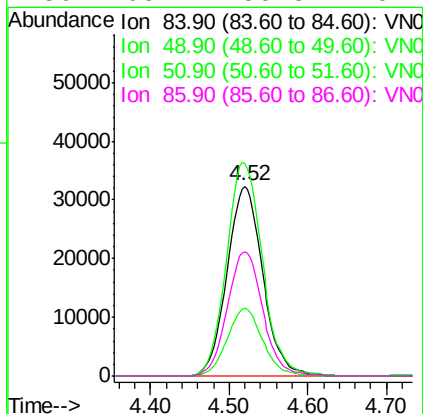
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

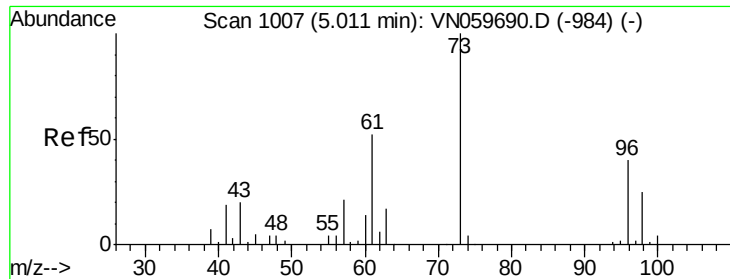
Tgt Ion: 73 Resp: 304202  
Ion Ratio Lower Upper  
73 100  
57 20.9 18.6 27.8



#20  
Methylene Chloride  
Concen: 51.676 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 84 Resp: 102193  
Ion Ratio Lower Upper  
84 100  
49 111.7 106.6 160.0  
51 35.8 31.9 47.9  
86 65.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 52.805 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

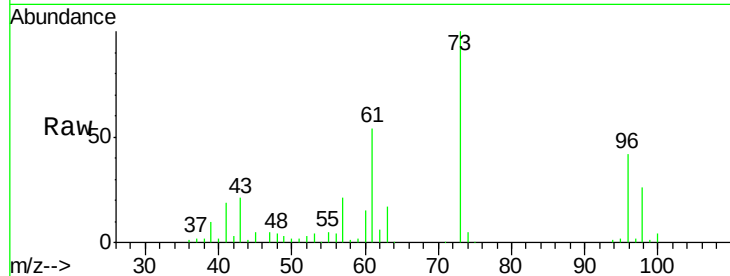
Tgt Ion: 96 Resp: 101162

Ion Ratio Lower Upper

96 100

61 128.8 120.4 180.6

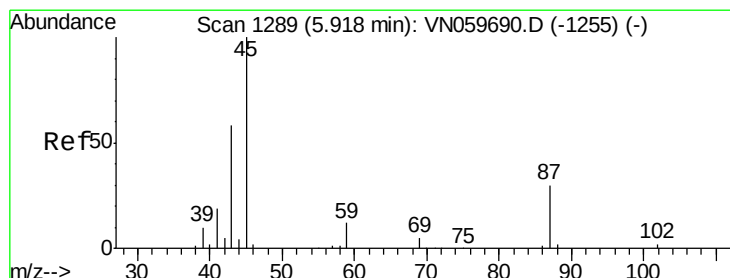
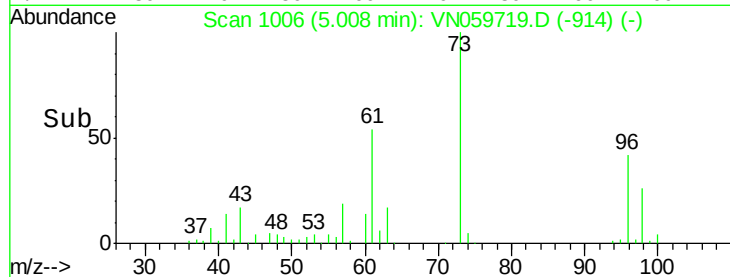
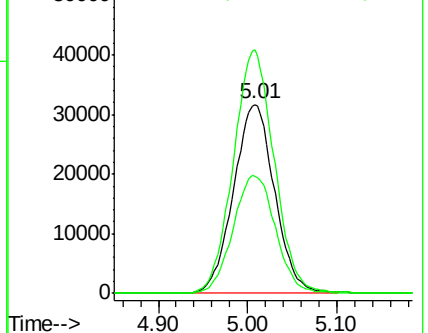
98 62.2 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059690.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VN059690.D (-984) (-)

Ion 97.90 (97.60 to 98.60): VN059690.D (-984) (-)



#22

Diisopropyl ether

Concen: 52.154 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Tgt Ion: 45 Resp: 287112

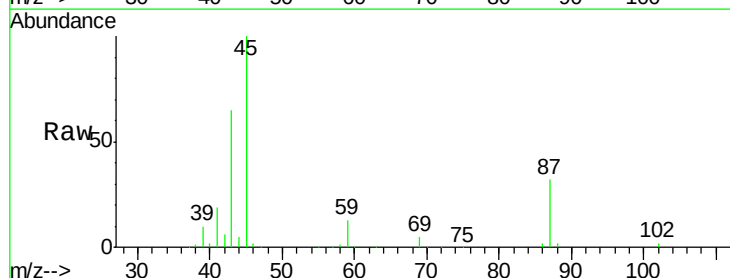
Ion Ratio Lower Upper

45 100

43 64.1 50.8 76.2

87 32.3 21.0 31.6#

59 12.5 9.1 13.7

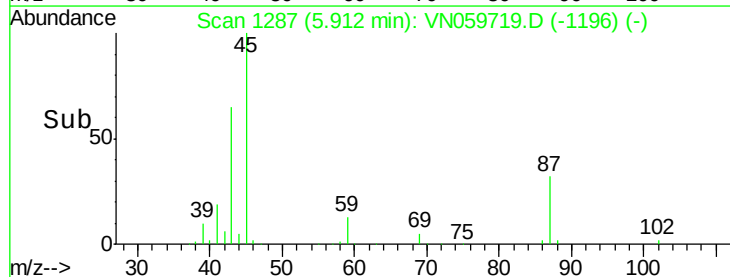
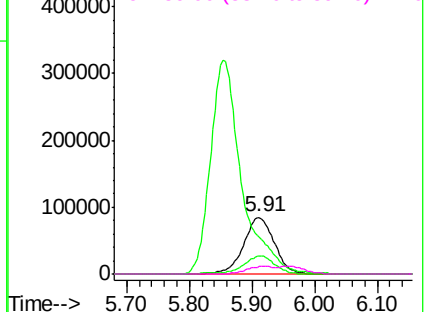


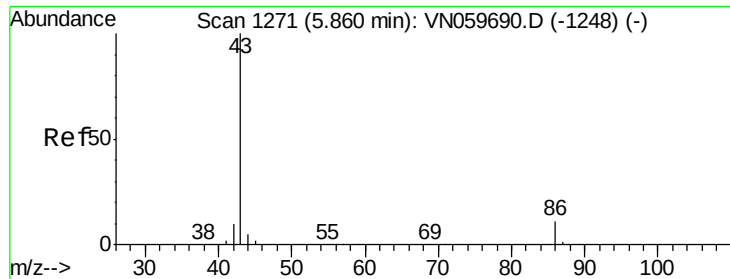
Abundance Ion 45.00 (44.70 to 45.70): VN059690.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN059690.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN059690.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN059690.D (-1255) (-)





#23

Vinyl Acetate

Concen: 259.333 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

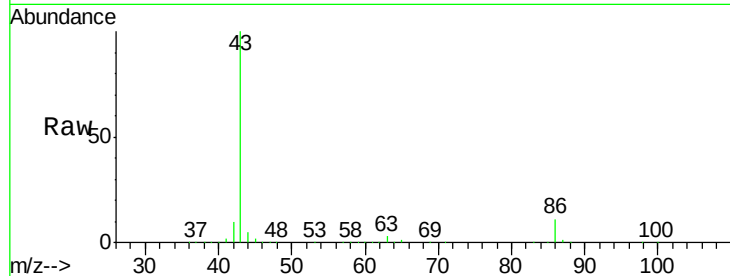
VSTDCCC050EC

Tgt Ion: 43 Resp: 1105345

Ion Ratio Lower Upper

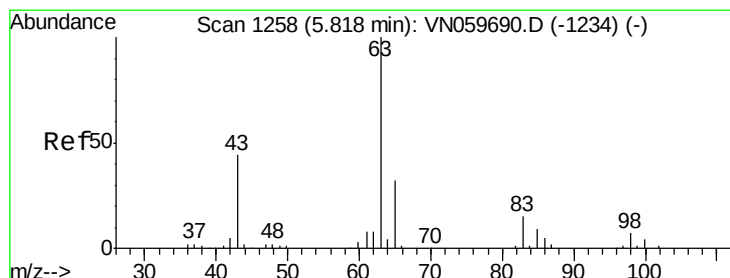
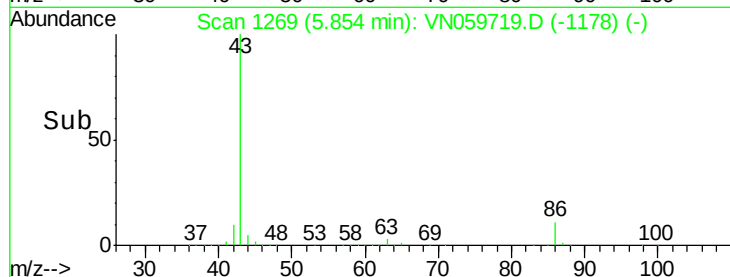
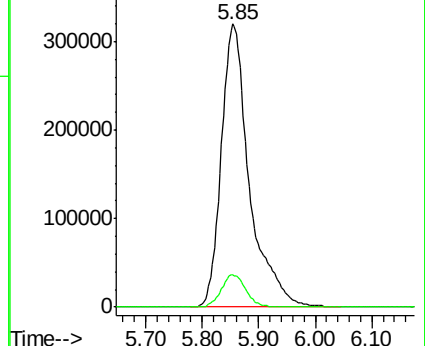
43 100

86 11.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.999 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

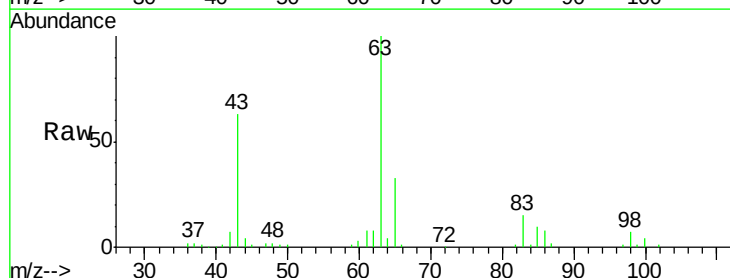
Tgt Ion: 63 Resp: 174910

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.7

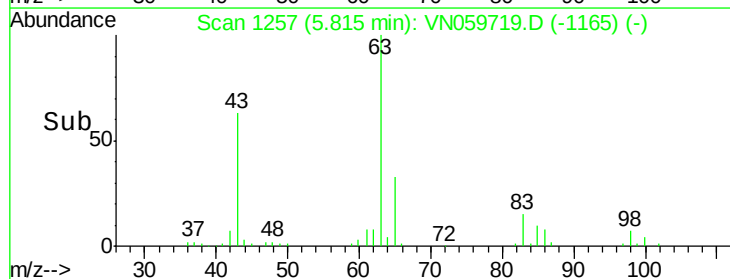
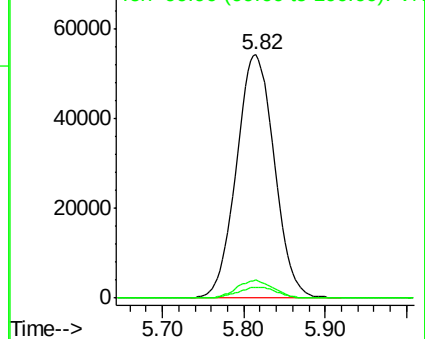
100 4.5 2.0 6.0



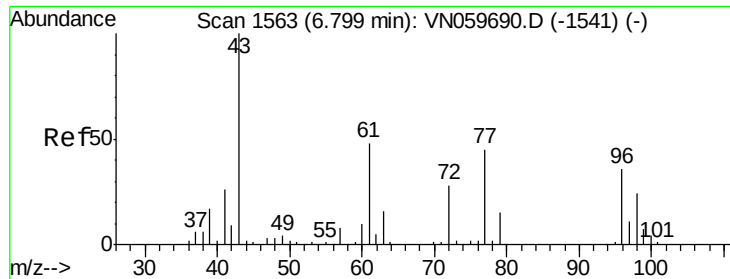
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0







#25

2-Butanone

Concen: 209.366 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

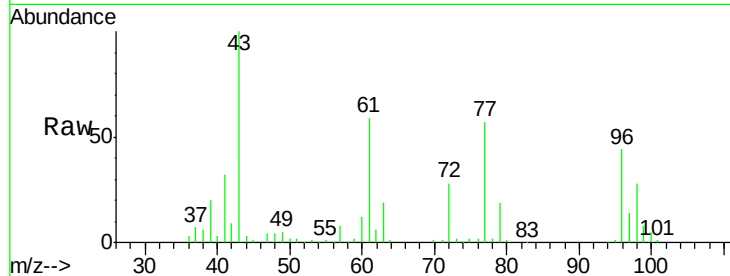
VSTDCCC050EC

Tgt Ion: 43 Resp: 259371

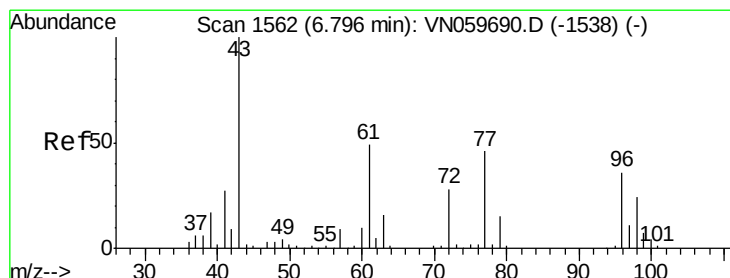
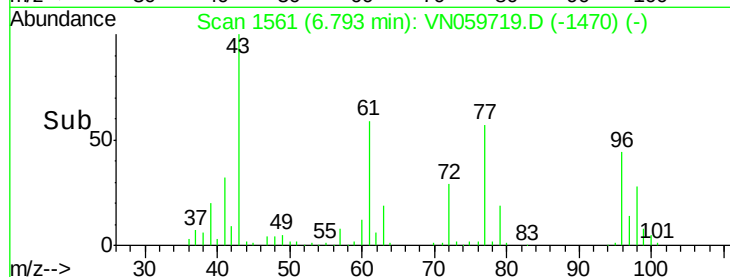
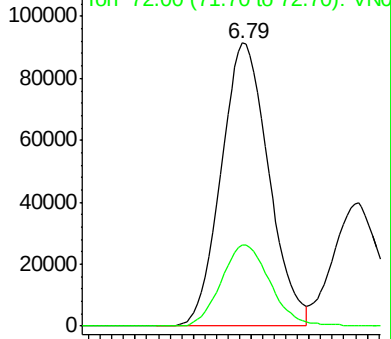
Ion Ratio Lower Upper

43 100

72 28.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1541) (-)



#26

2,2-Dichloropropane

Concen: 51.496 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059719.D

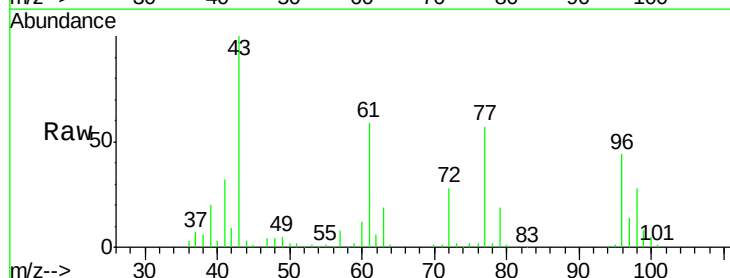
Acq: 15 Jan 2020 17:15

Tgt Ion: 77 Resp: 166530

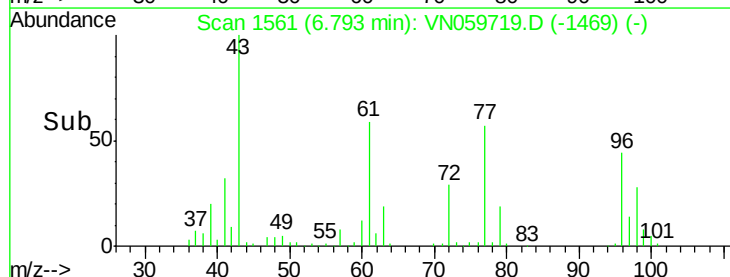
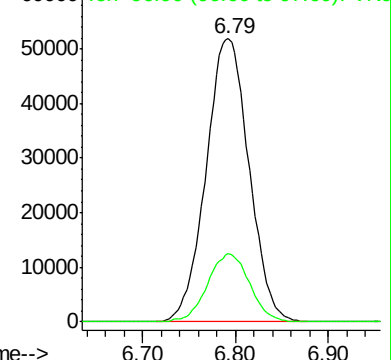
Ion Ratio Lower Upper

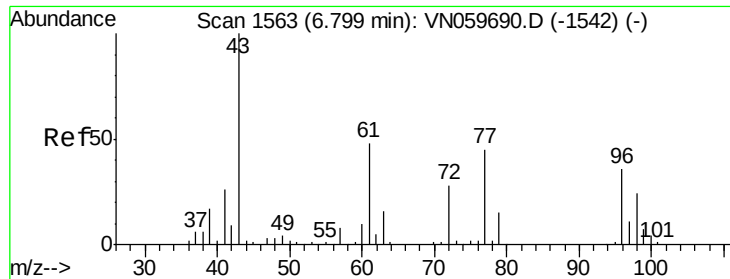
77 100

97 23.6 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059690.D (-1538) (-)





#27

cis-1,2-Dichloroethene

Concen: 53.062 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

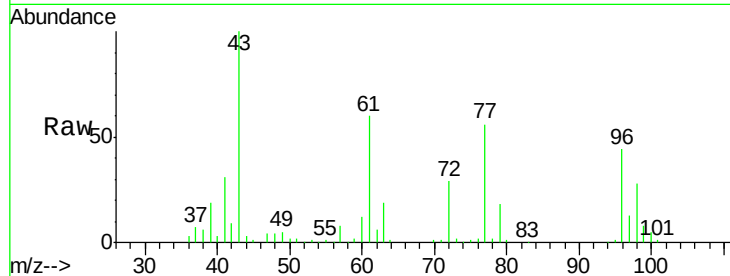
Tgt Ion: 96 Resp: 116921

Ion Ratio Lower Upper

96 100

61 137.3 0.0 317.6

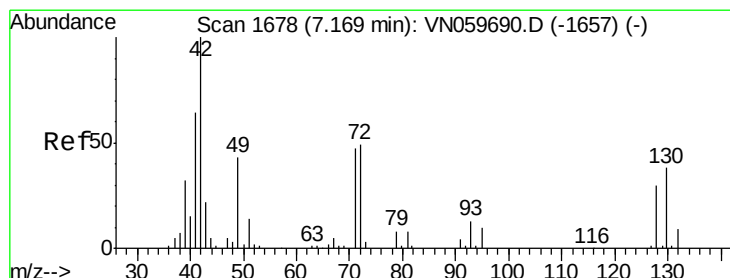
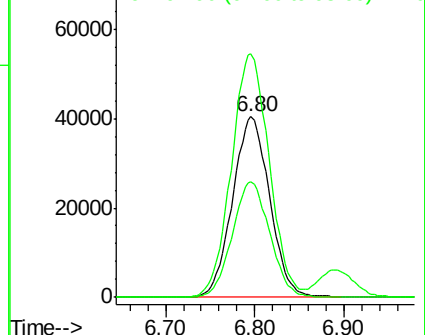
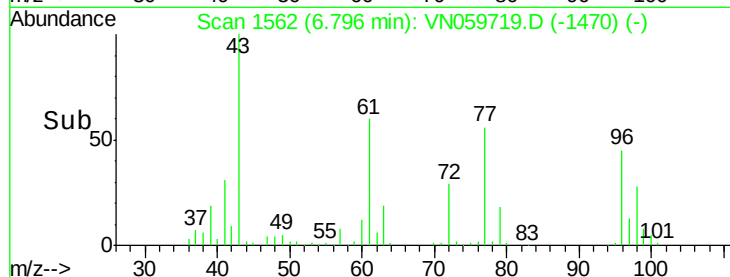
98 64.4 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.450 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

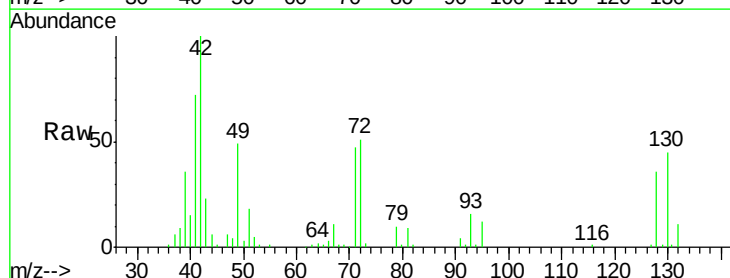
Tgt Ion: 49 Resp: 63793

Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.4

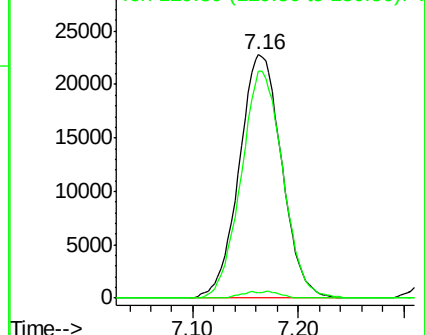
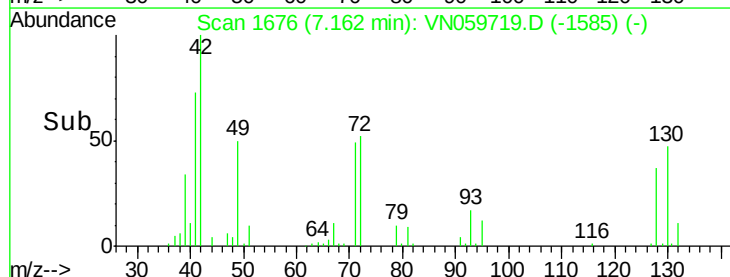
130 91.5 54.7 82.1#

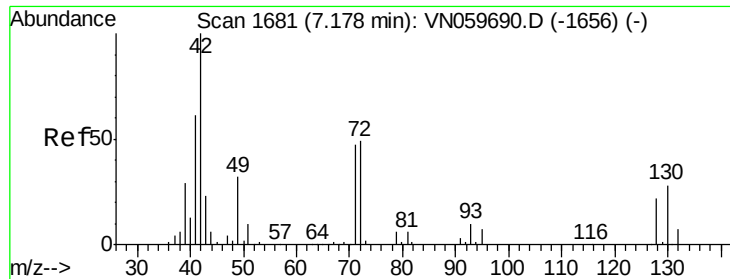


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 225.500 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

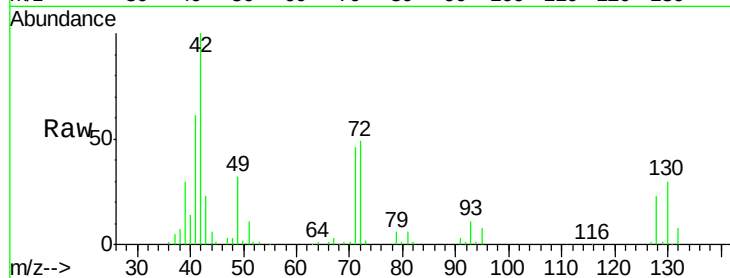
Tgt Ion: 42 Resp: 172844

Ion Ratio Lower Upper

42 100

72 49.3 33.1 49.7

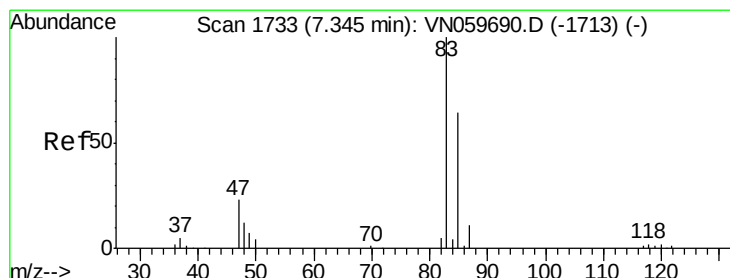
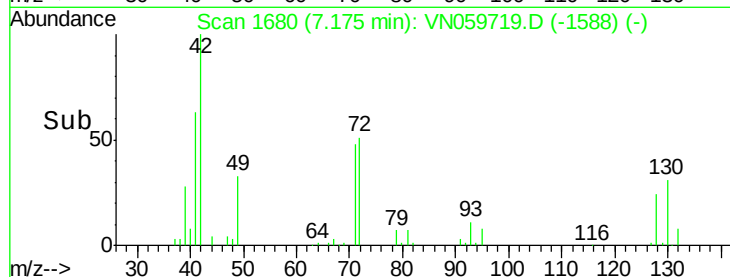
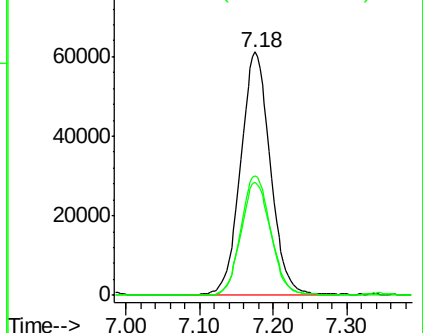
71 46.7 31.4 47.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 53.244 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN059719.D

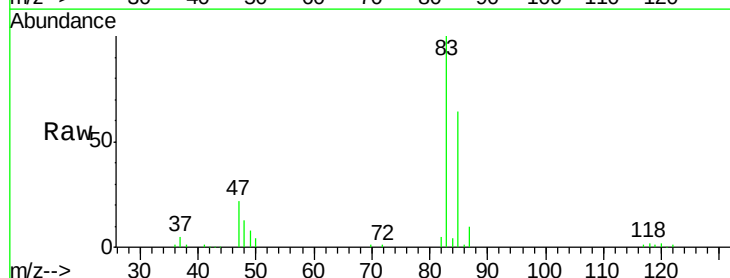
Acq: 15 Jan 2020 17:15

Tgt Ion: 83 Resp: 185567

Ion Ratio Lower Upper

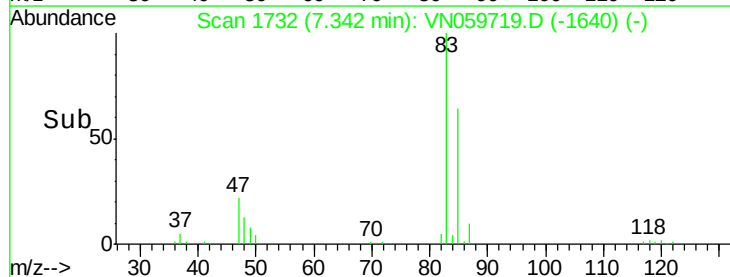
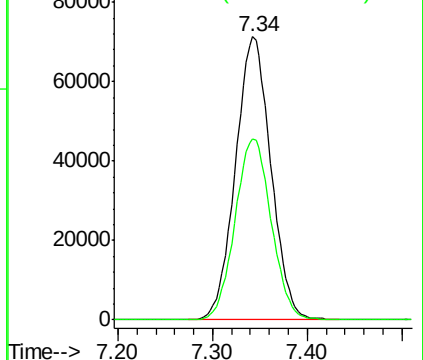
83 100

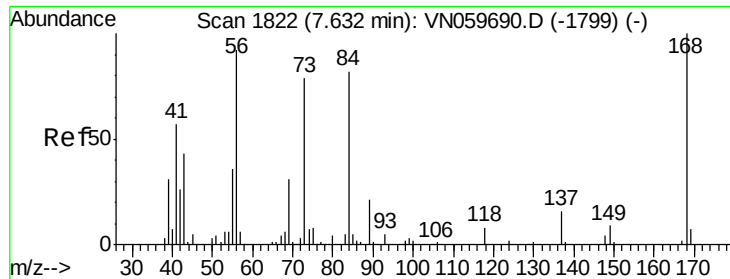
85 64.0 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

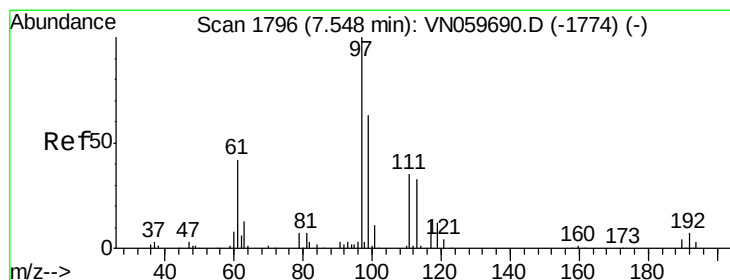
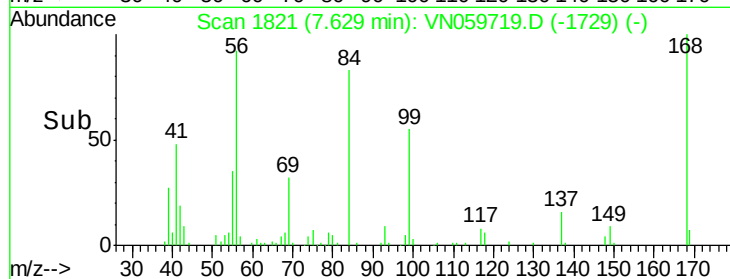
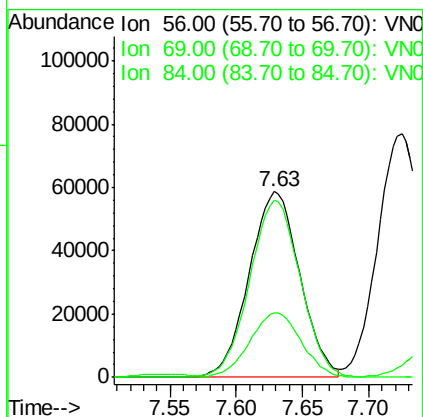
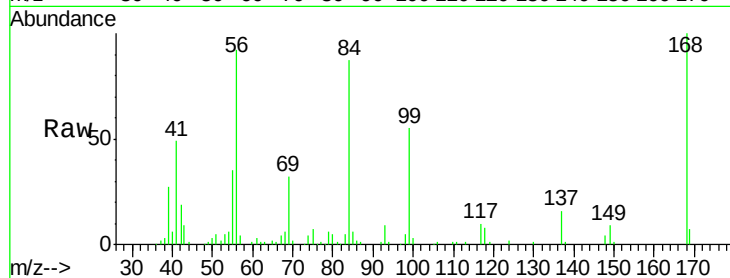




#31  
Cyclohexane  
Concen: 48.340 ug/l  
RT: 7.63 min Scan# 1821  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

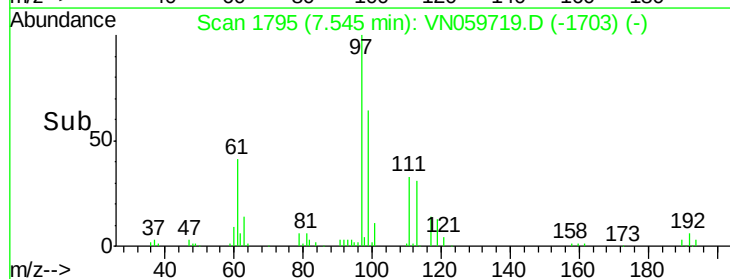
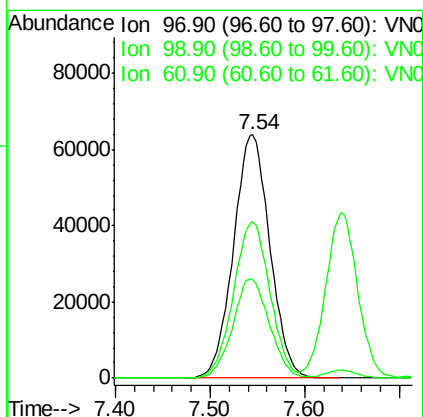
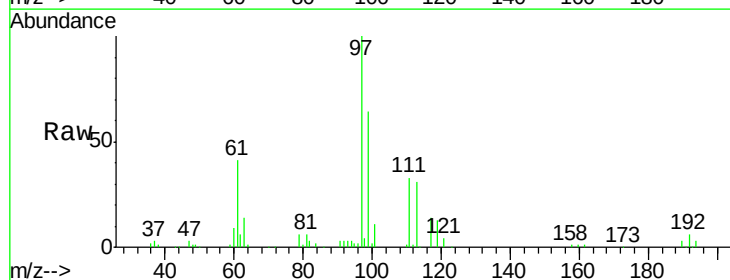
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

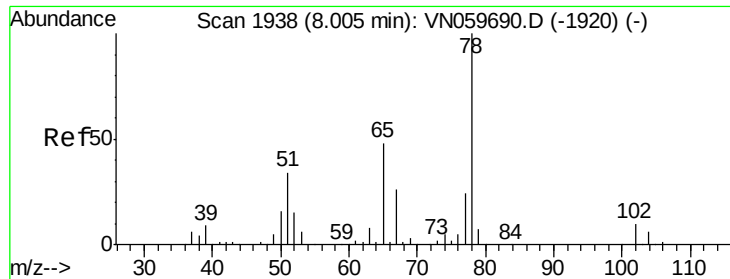
Tgt Ion: 56 Resp: 156465  
Ion Ratio Lower Upper  
56 100  
69 34.9 26.5 39.7  
84 94.1 65.3 97.9



#32  
1,1,1-Trichloroethane  
Concen: 53.035 ug/l  
RT: 7.54 min Scan# 1795  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 97 Resp: 170903  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.0 76.4  
61 41.0 38.5 57.7

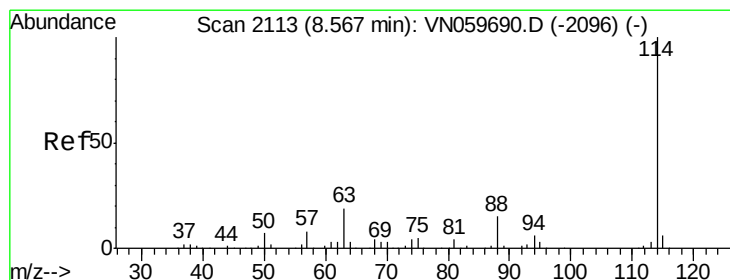
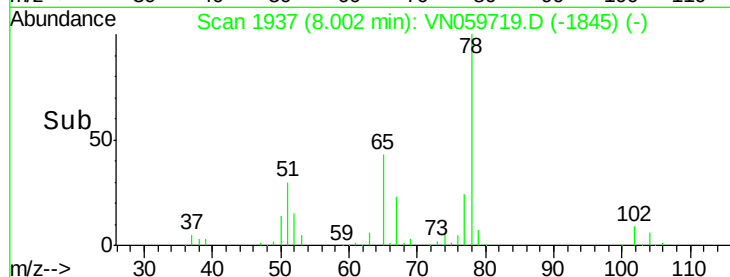
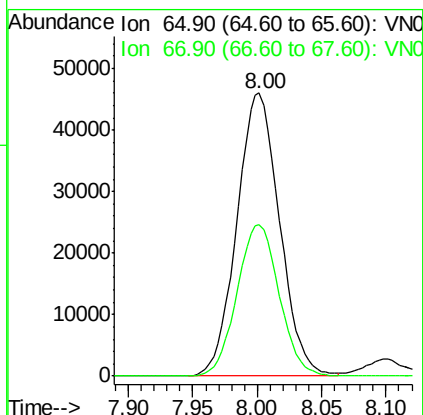
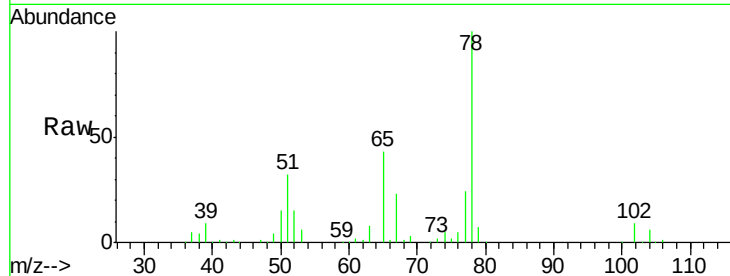




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.558 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

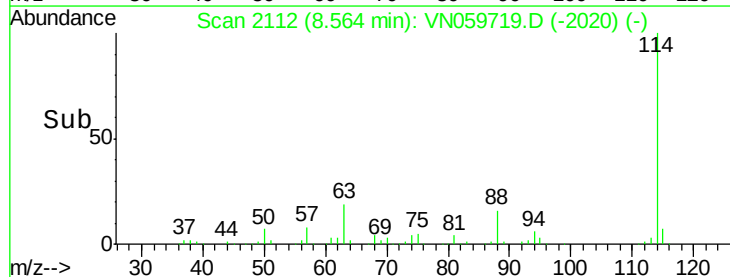
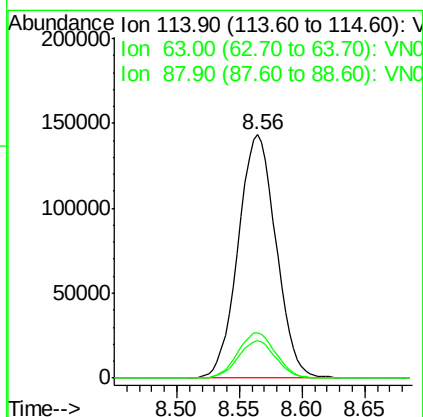
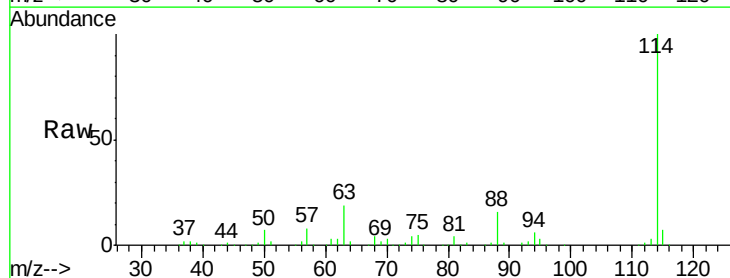
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

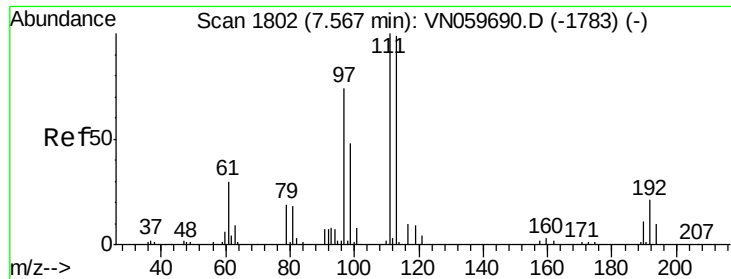
Tgt Ion: 65 Resp: 106226  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.56 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

Tgt Ion: 114 Resp: 301056  
 Ion Ratio Lower Upper  
 114 100  
 63 18.8 0.0 43.6  
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.897 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

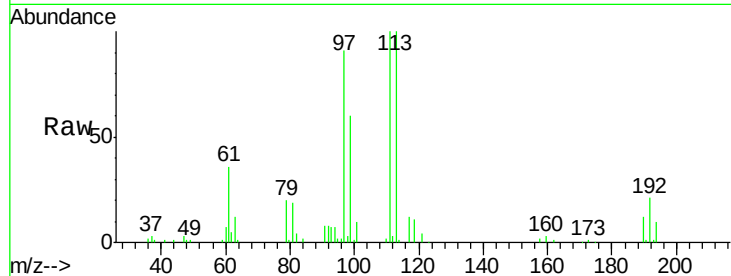
Tgt Ion:113 Resp: 91376

Ion Ratio Lower Upper

113 100

111 101.6 83.5 125.3

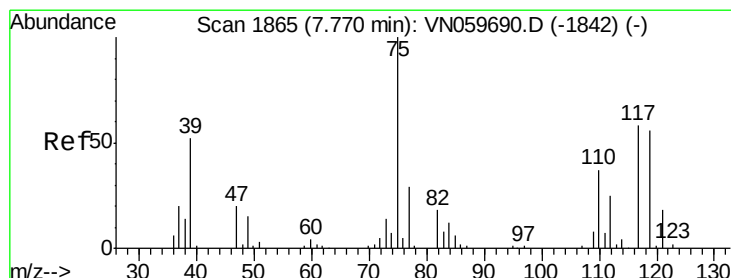
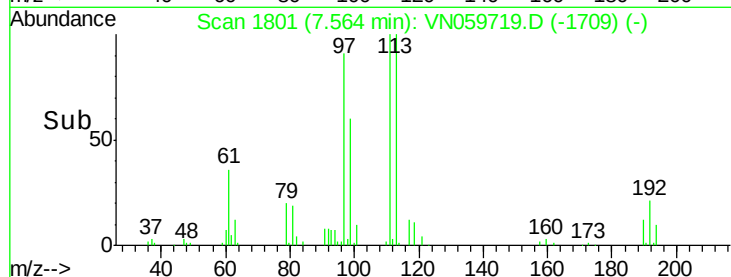
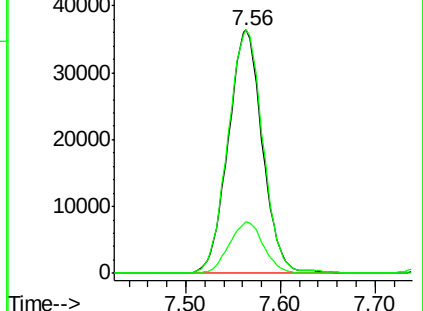
192 21.1 15.4 23.2



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: 53.258 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

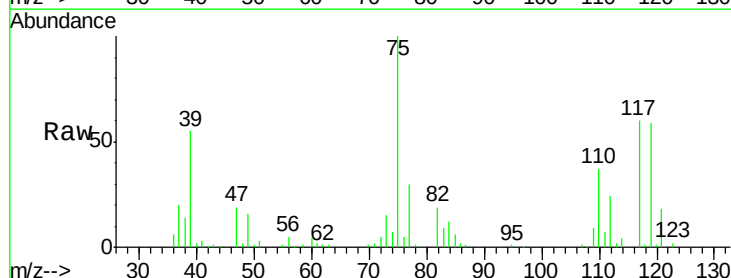
Tgt Ion: 75 Resp: 139628

Ion Ratio Lower Upper

75 100

110 37.8 16.6 49.7

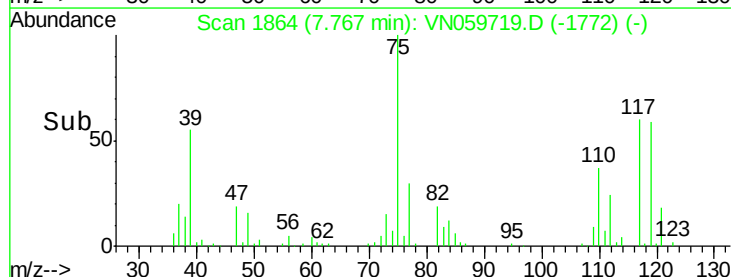
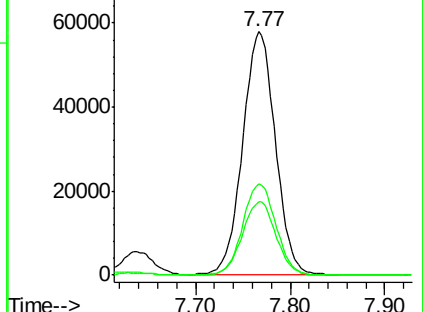
77 31.2 25.1 37.7

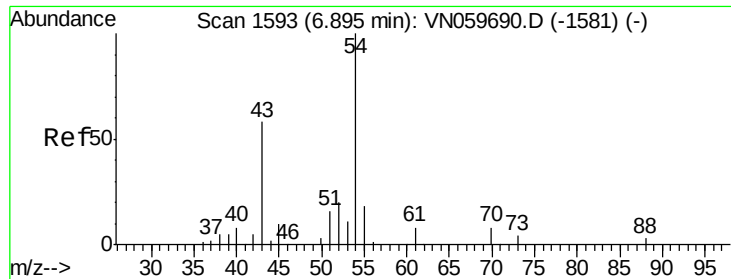


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

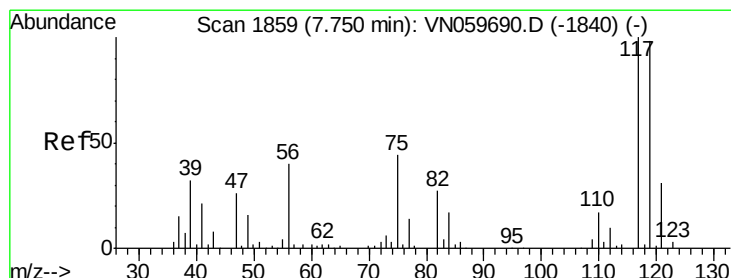
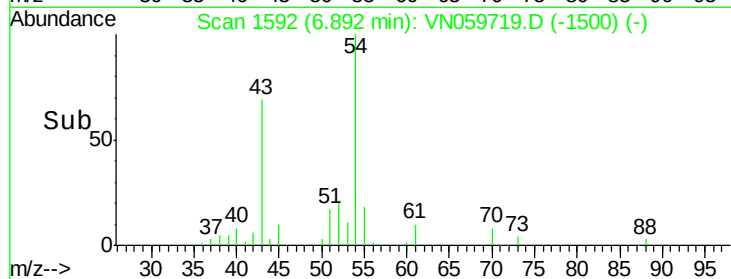
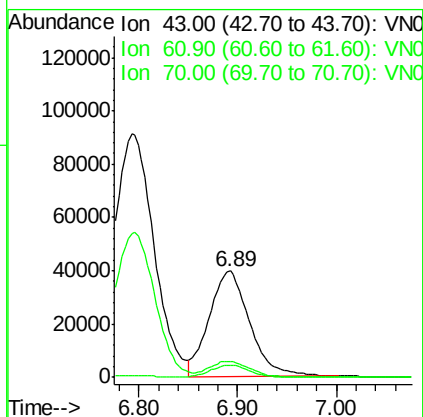
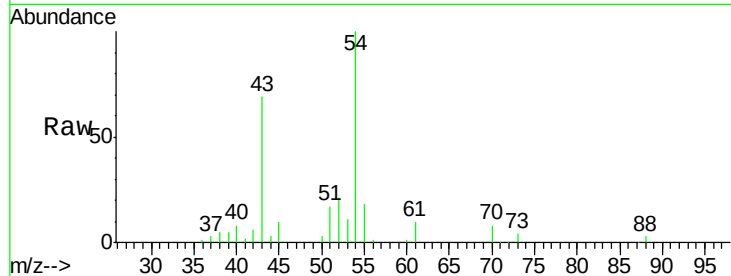




#37  
**Ethyl Acetate**  
 Concen: 46.096 ug/l  
 RT: 6.89 min Scan# 1592  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

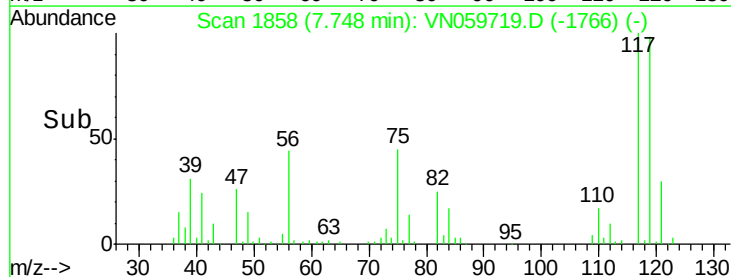
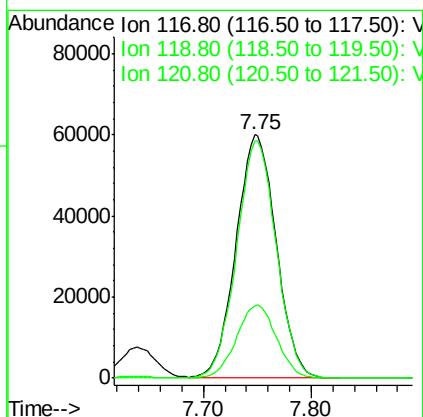
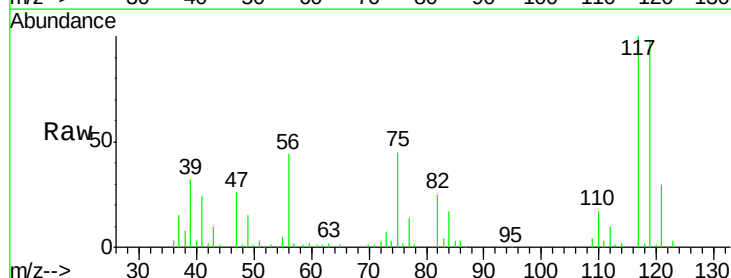
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

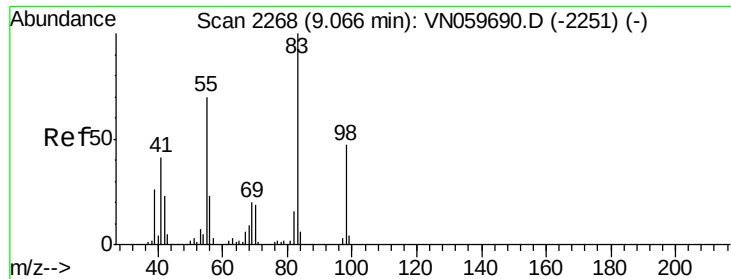
Tgt Ion: 43 Resp: 113346  
 Ion Ratio Lower Upper  
 43 100  
 61 15.4 10.9 16.3  
 70 11.3 7.7 11.5



#38  
**Carbon Tetrachloride**  
 Concen: 54.343 ug/l  
 RT: 7.75 min Scan# 1858  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

Tgt Ion: 117 Resp: 154980  
 Ion Ratio Lower Upper  
 117 100  
 119 97.6 76.5 114.7  
 121 29.8 25.1 37.7

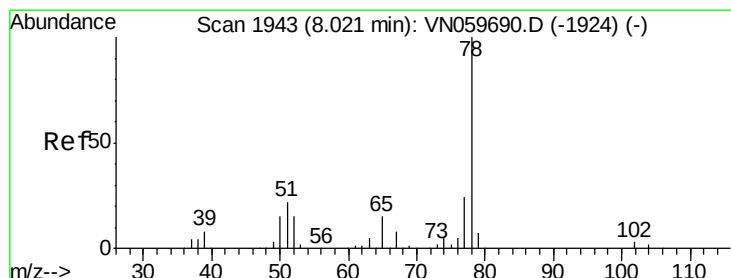
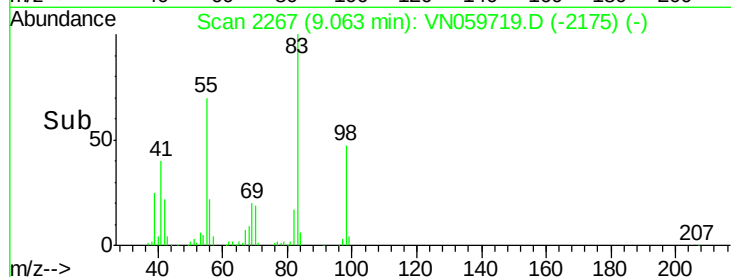
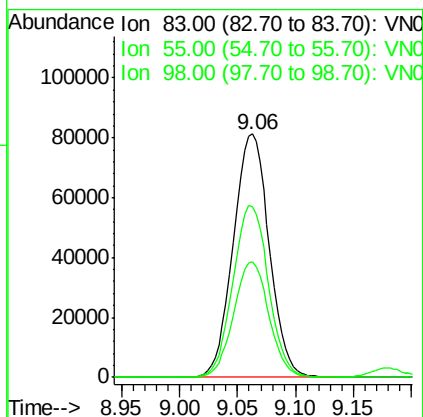
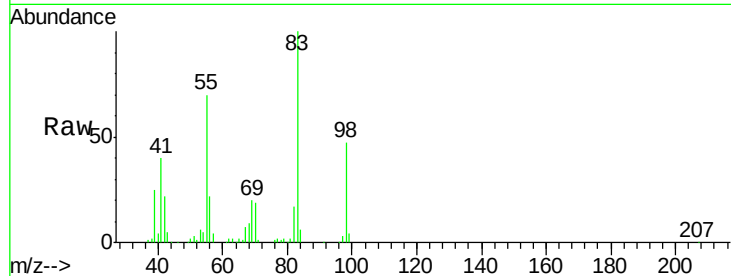




#39  
Methylcyclohexane  
Concen: 54.036 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

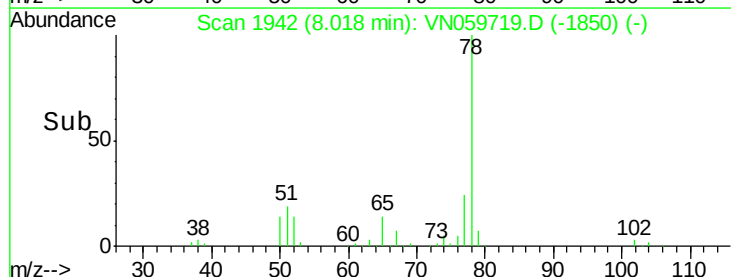
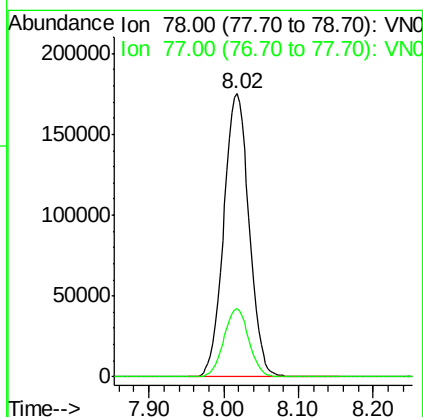
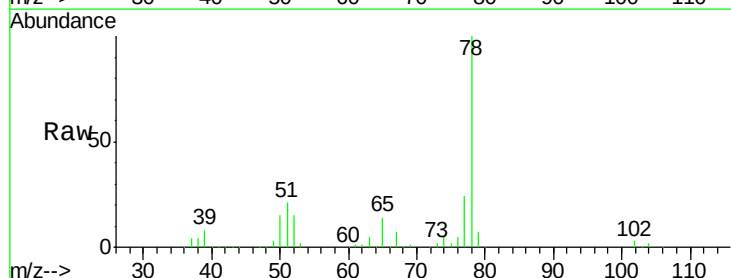
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 174679  
Ion Ratio Lower Upper  
83 100  
55 70.2 64.2 96.2  
98 47.4 35.9 53.9

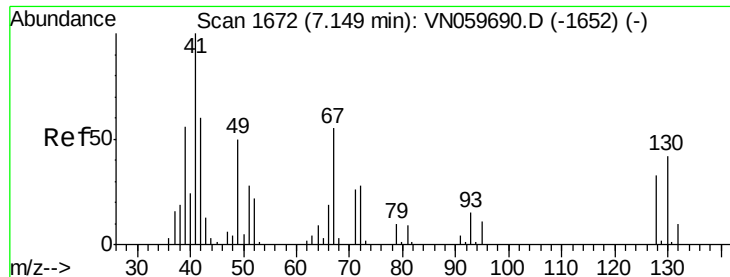


#40  
Benzene  
Concen: 52.587 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 78 Resp: 411173  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.9 28.3



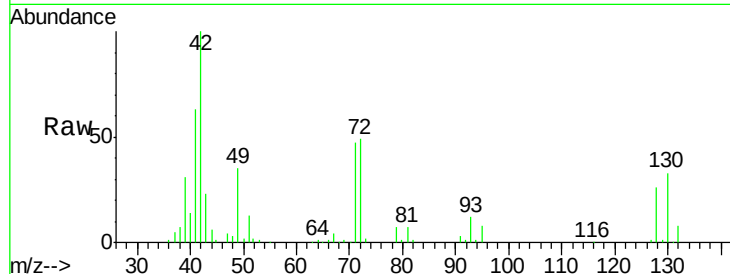




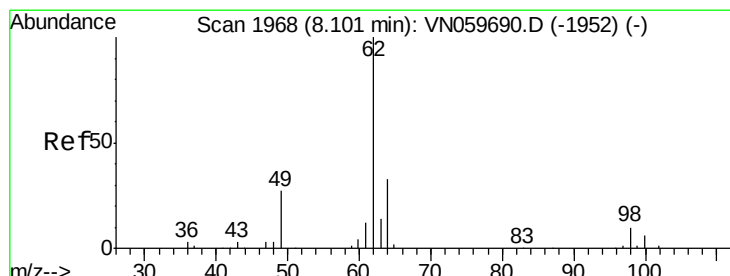
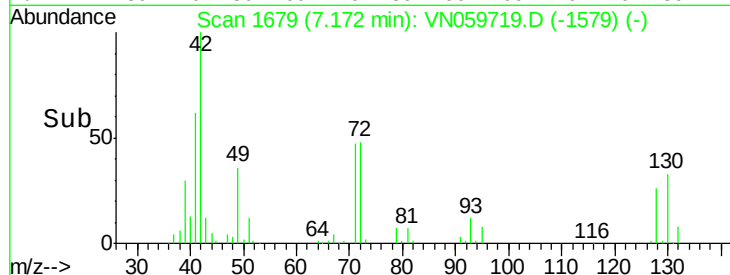
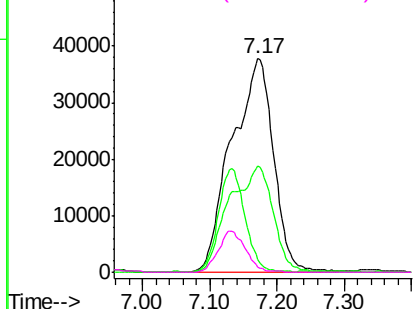
#41  
Methacrylonitrile  
Concen: 134.753 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. 0.02 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 163208  
Ion Ratio Lower Upper  
41 100  
39 52.1 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

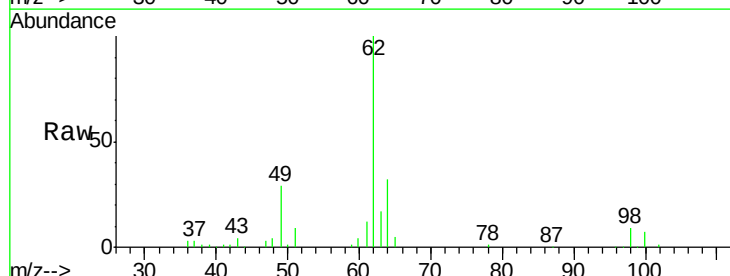


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

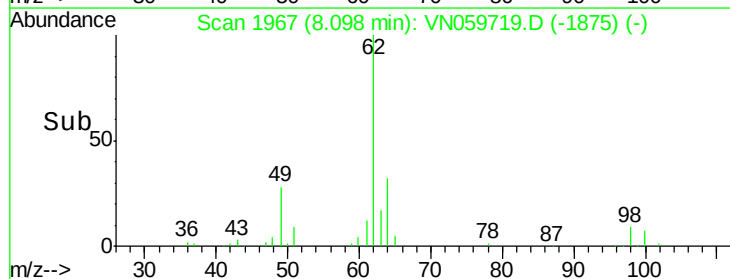
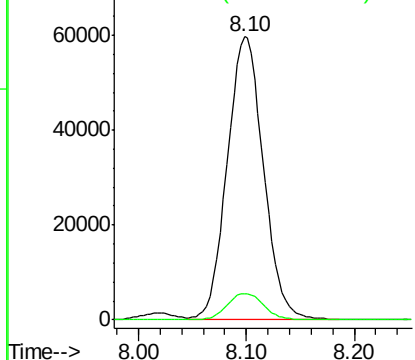


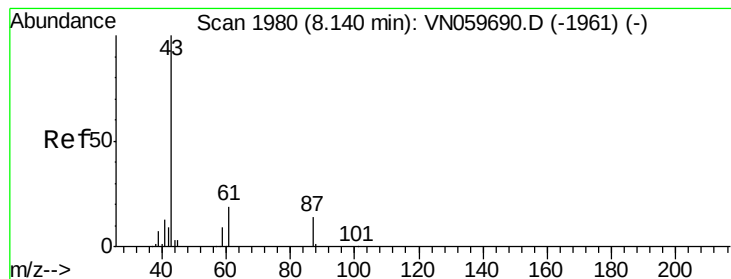
#42  
1,2-Dichloroethane  
Concen: 52.429 ug/l  
RT: 8.10 min Scan# 1967  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 62 Resp: 138989  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 48.573 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

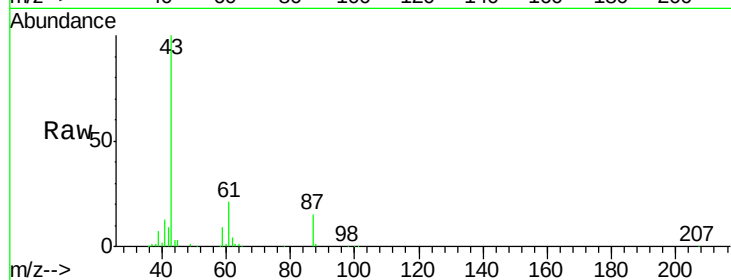
Tgt Ion: 43 Resp: 205438

Ion Ratio Lower Upper

43 100

61 27.5 20.2 30.2

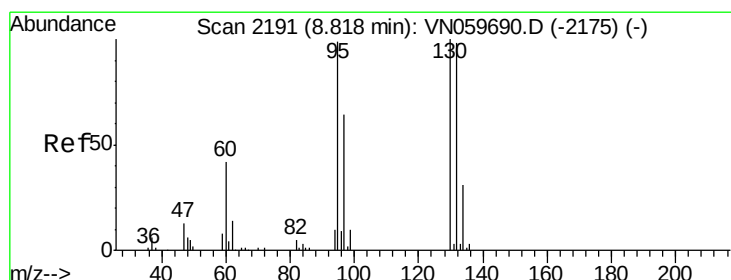
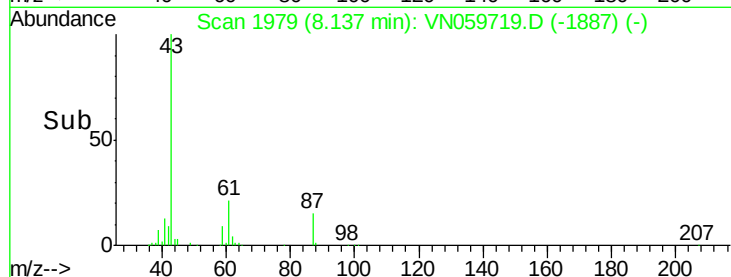
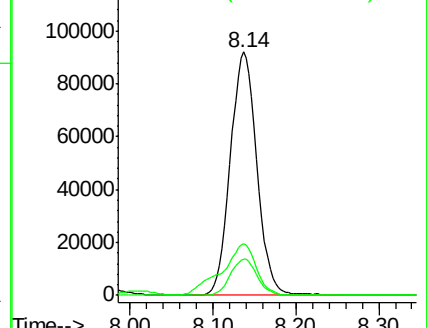
87 14.7 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 55.763 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059719.D

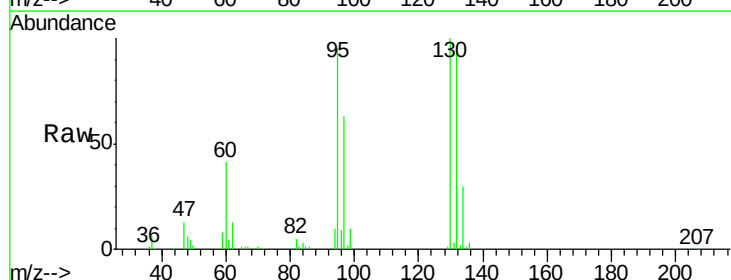
Acq: 15 Jan 2020 17:15

Tgt Ion: 130 Resp: 119025

Ion Ratio Lower Upper

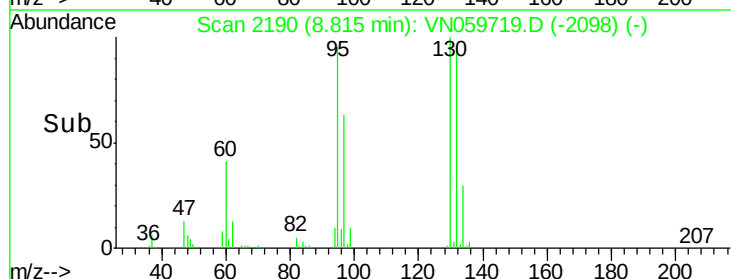
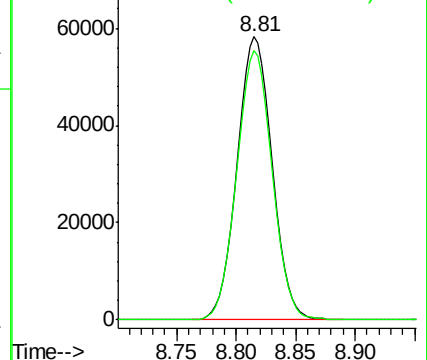
130 100

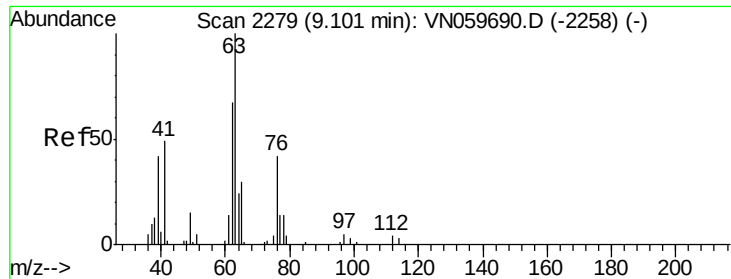
95 95.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

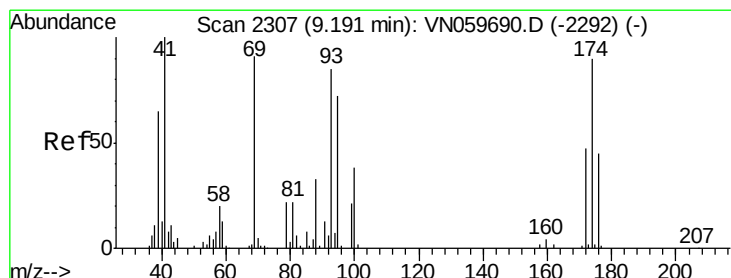
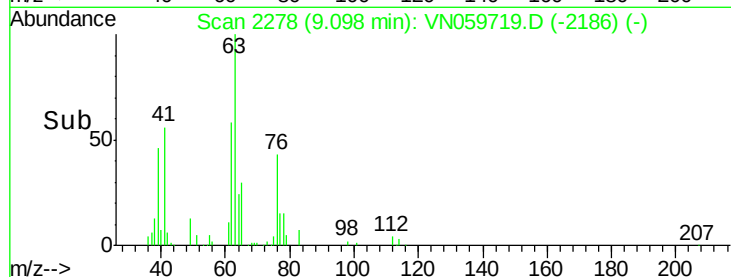
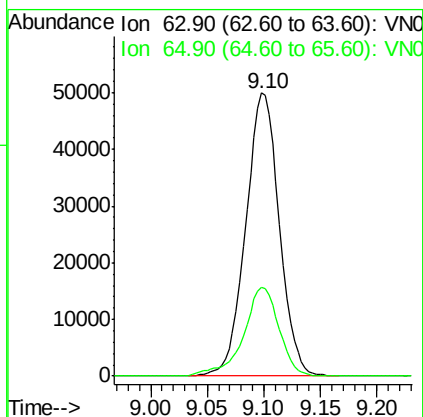
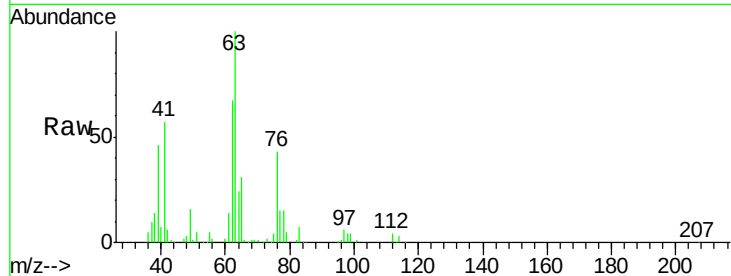




#45  
 1,2-Dichloropropane  
 Concen: 53.294 ug/l  
 RT: 9.10 min Scan# 2278  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

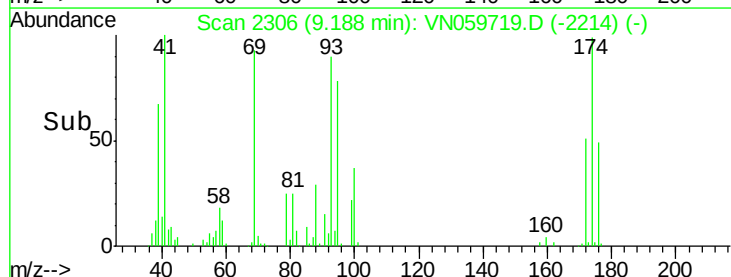
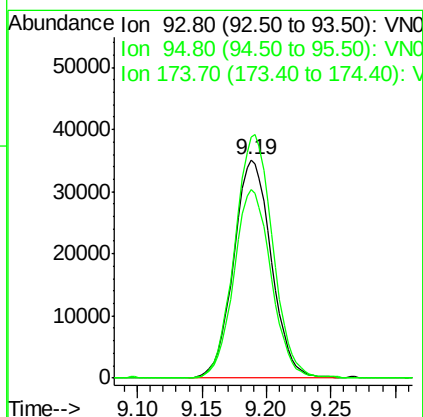
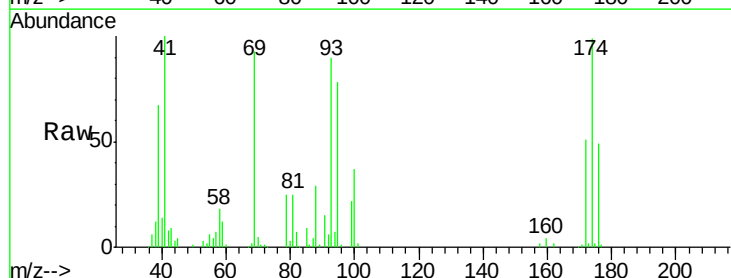
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

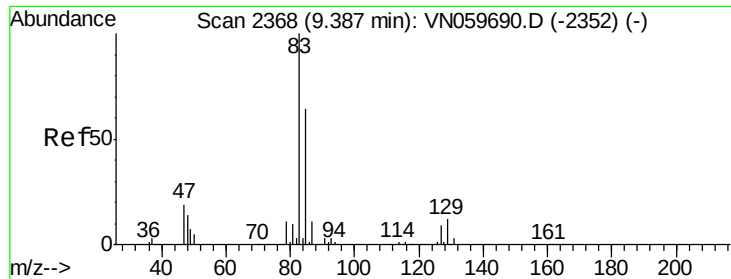
Tgt Ion: 63 Resp: 103112  
 Ion Ratio Lower Upper  
 63 100  
 65 31.4 24.9 37.3



#46  
 Dibromomethane  
 Concen: 52.377 ug/l  
 RT: 9.19 min Scan# 2306  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

Tgt Ion: 93 Resp: 71485  
 Ion Ratio Lower Upper  
 93 100  
 95 85.7 67.0 100.6  
 174 112.3 73.4 110.2#

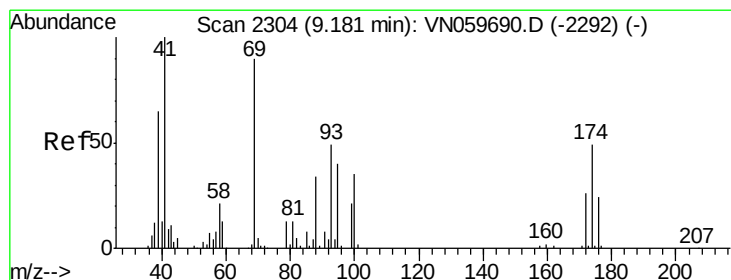
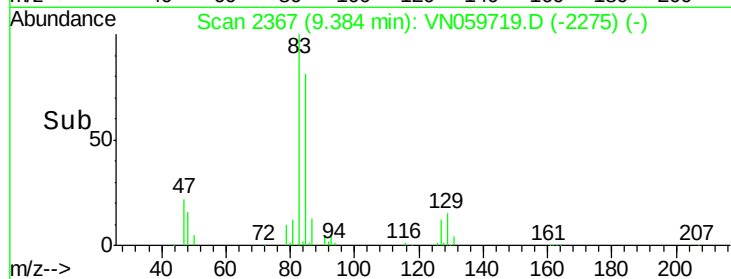
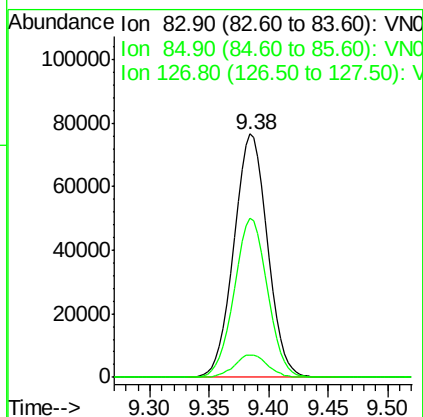
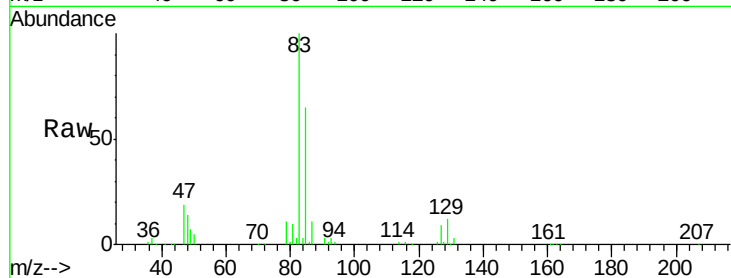




#47  
 Bromodichloromethane  
 Concen: 54.561 ug/l  
 RT: 9.38 min Scan# 2367  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

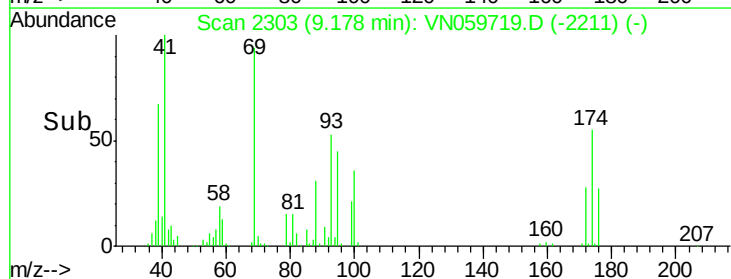
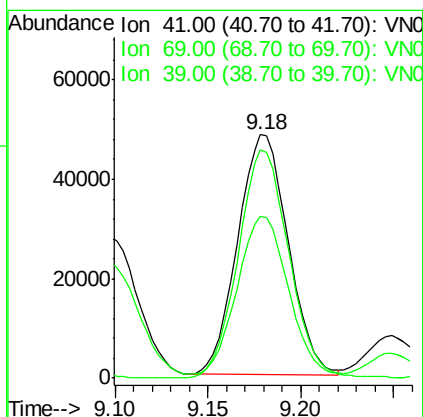
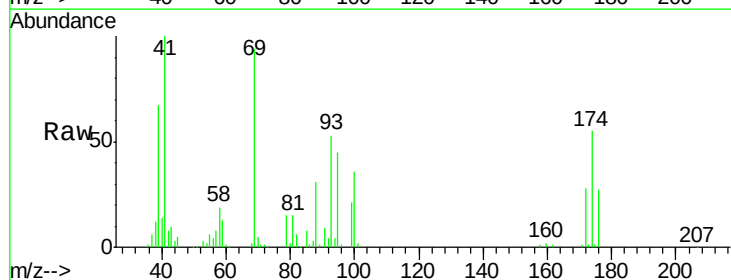
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

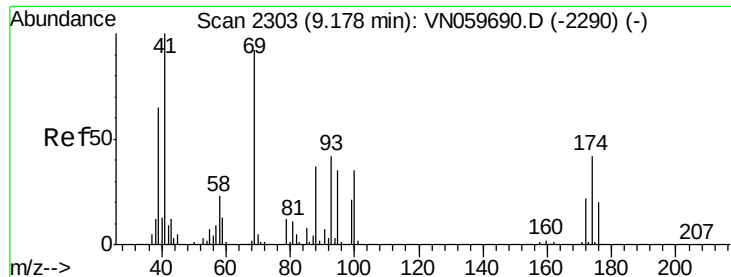
Tgt Ion: 83 Resp: 150059  
 Ion Ratio Lower Upper  
 83 100  
 85 65.5 51.1 76.7  
 127 9.3 6.6 9.8



#48  
 Methyl methacrylate  
 Concen: 48.346 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

Tgt Ion: 41 Resp: 91463  
 Ion Ratio Lower Upper  
 41 100  
 69 95.6 64.4 96.6  
 39 66.4 51.3 76.9

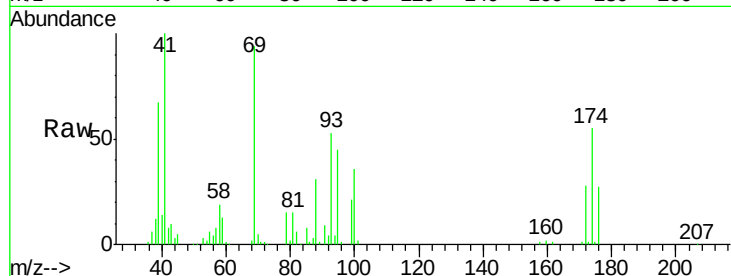




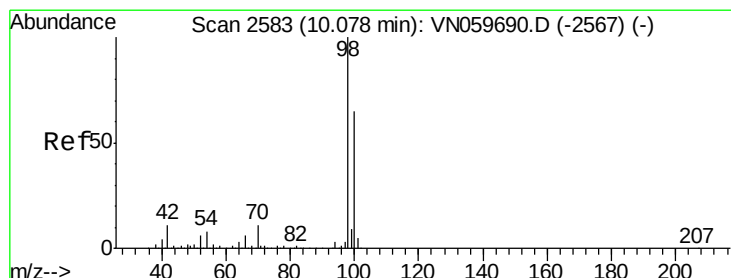
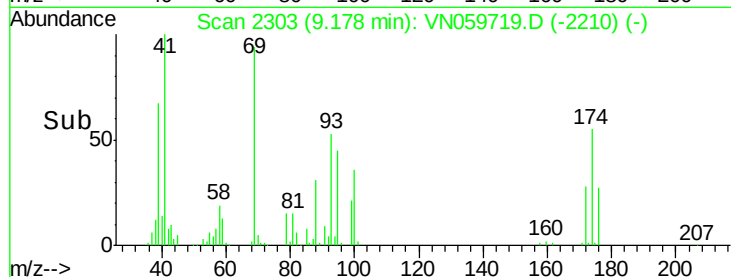
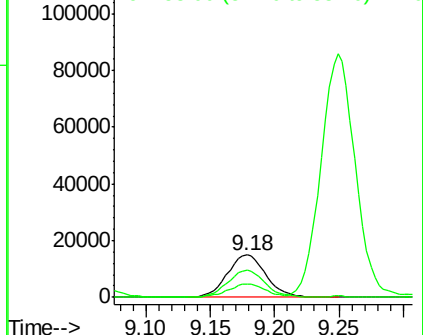
#49  
 1,4-Dioxane  
 Concen: 899.847 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 88 Resp: 31164  
 Ion Ratio Lower Upper  
 88 100  
 43 30.5 29.7 44.5  
 58 63.0 56.6 85.0

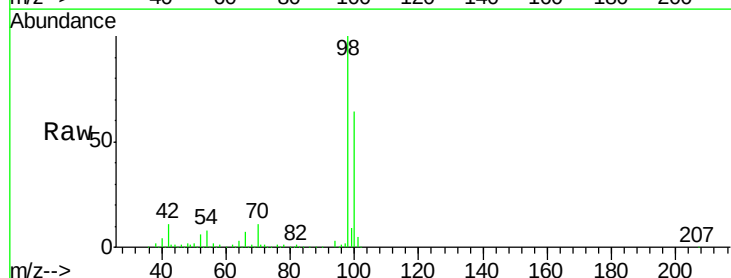


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

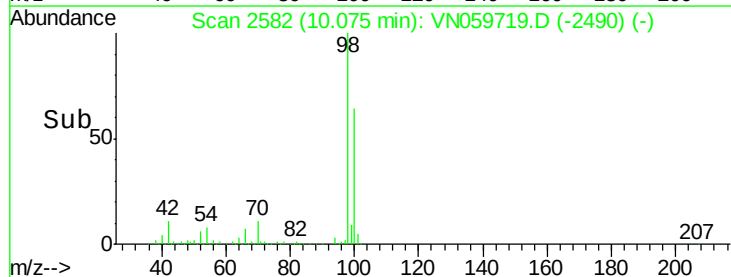
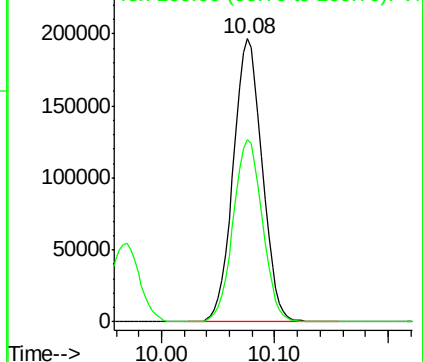


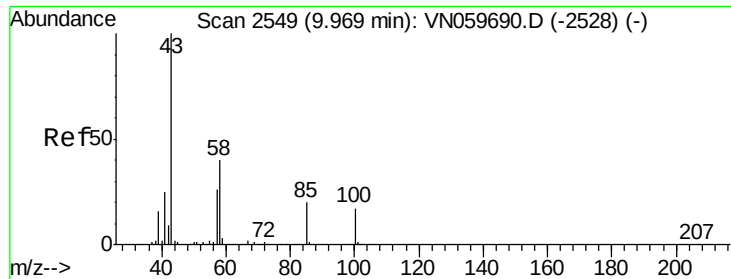
#50  
 Toluene-d8  
 Concen: 50.421 ug/l  
 RT: 10.08 min Scan# 2582  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

Tgt Ion: 98 Resp: 350731  
 Ion Ratio Lower Upper  
 98 100  
 100 65.0 51.2 76.8



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

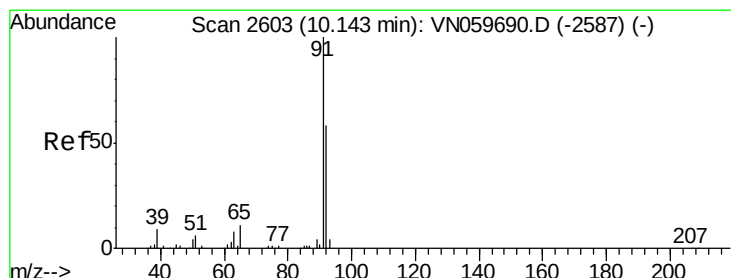
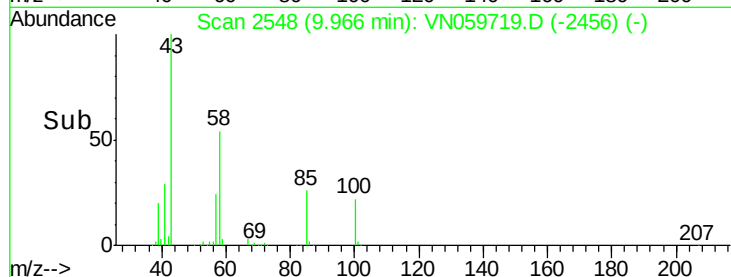
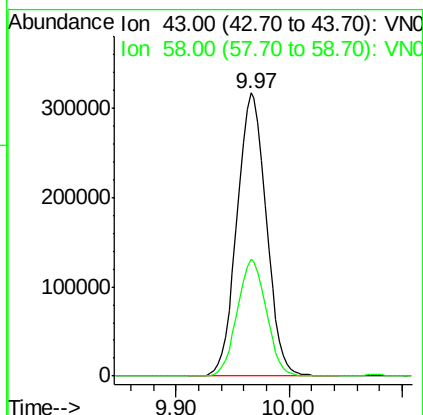
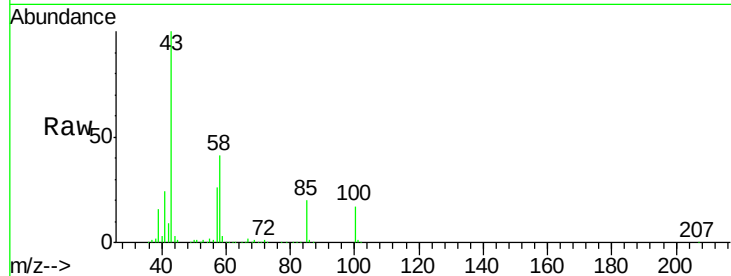




#51  
 4-Methyl-2-Pentanone  
 Concen: 234.668 ug/l  
 RT: 9.97 min Scan# 2548  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

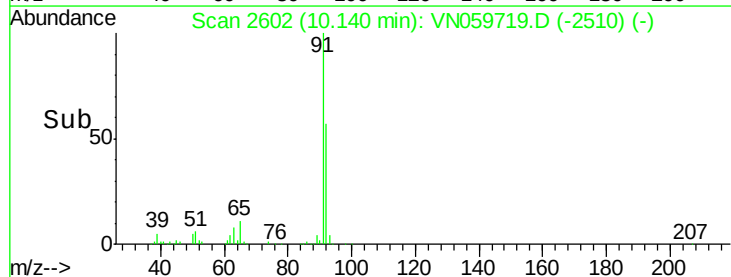
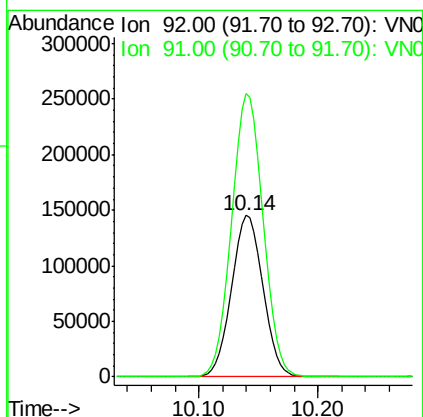
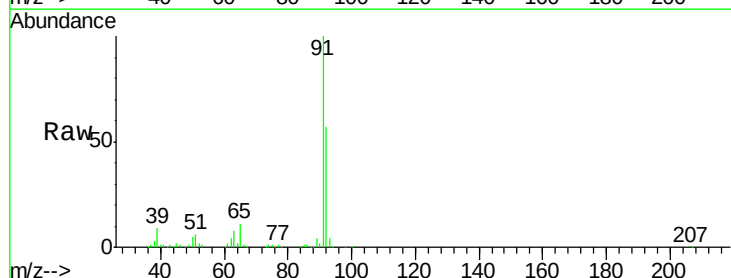
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

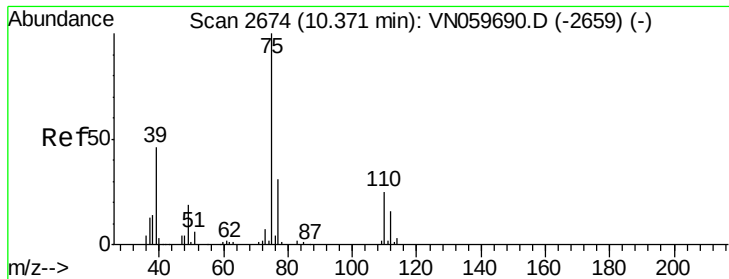
Tgt Ion: 43 Resp: 573744  
 Ion Ratio Lower Upper  
 43 100  
 58 41.0 29.8 44.8



#52  
 Toluene  
 Concen: 54.055 ug/l  
 RT: 10.14 min Scan# 2602  
 Delta R.T. -0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

Tgt Ion: 92 Resp: 266963  
 Ion Ratio Lower Upper  
 92 100  
 91 175.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.023 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

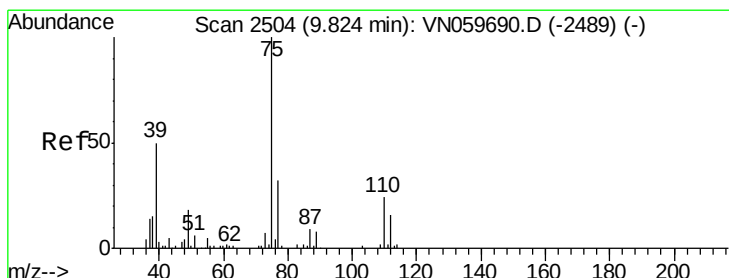
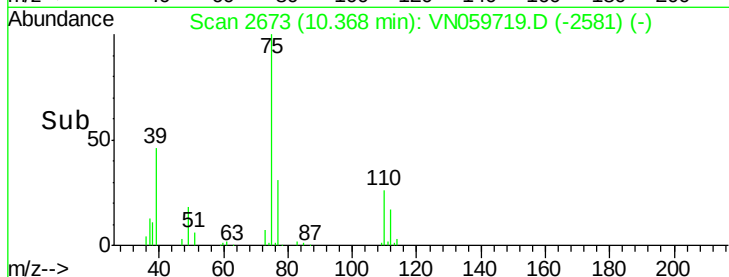
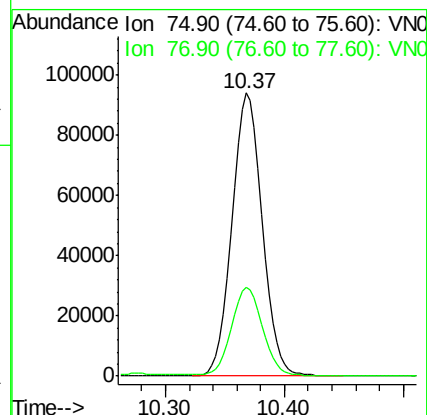
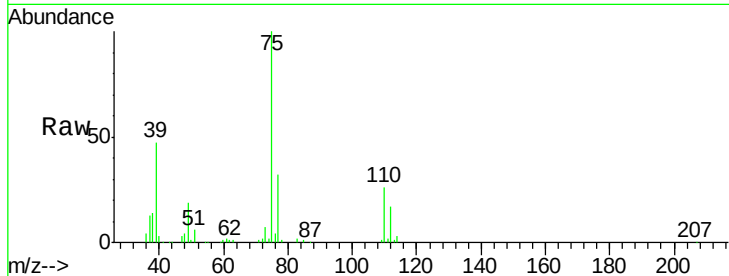
VSTDCCC050EC

Tgt Ion: 75 Resp: 165903

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.600 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

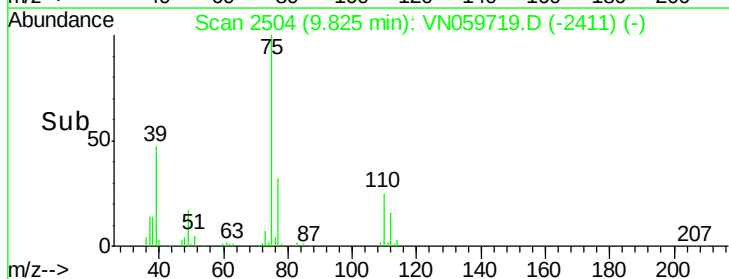
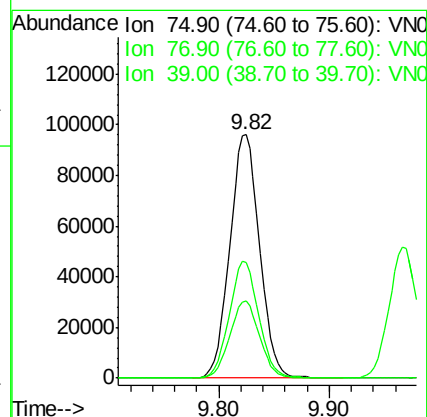
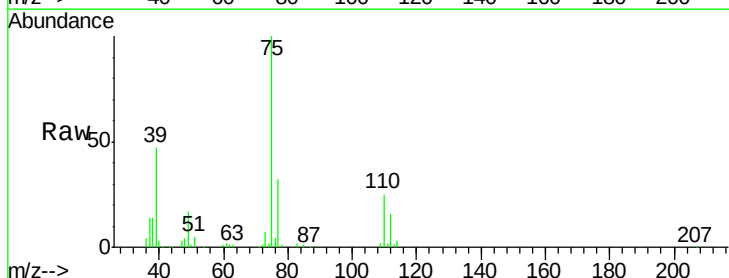
Tgt Ion: 75 Resp: 179655

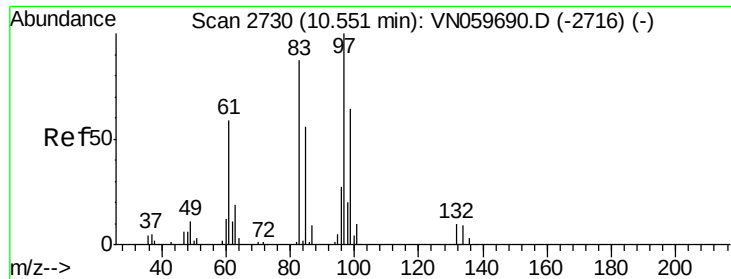
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 47.4 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 52.959 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 103589

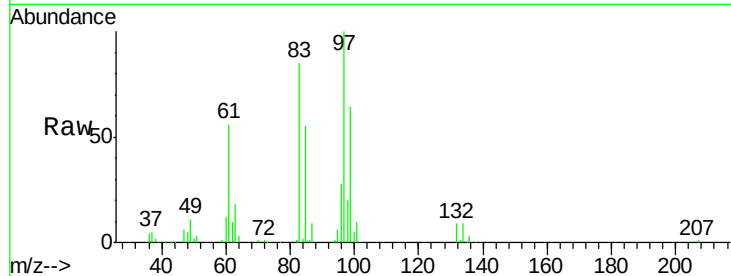
Ion Ratio Lower Upper

97 100

83 85.3 71.3 106.9

85 54.8 45.8 68.8

99 63.7 50.0 75.0

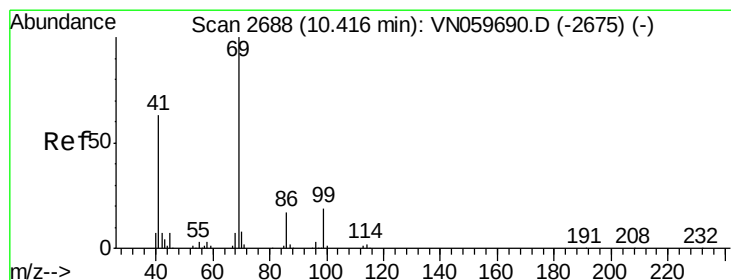
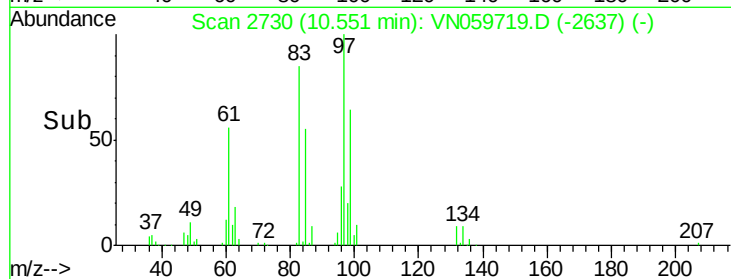
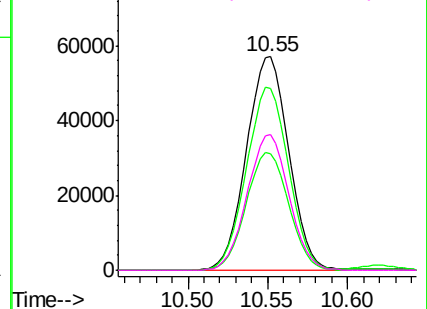


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.087 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

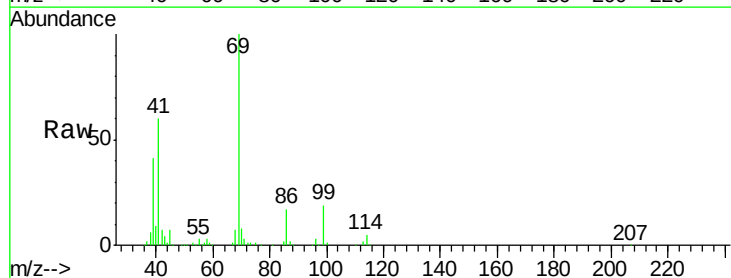
Tgt Ion: 69 Resp: 155680

Ion Ratio Lower Upper

69 100

41 60.8 57.1 85.7

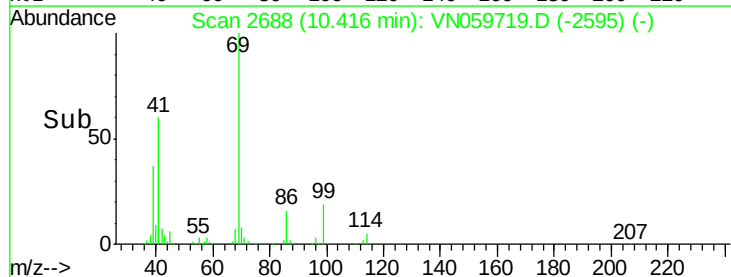
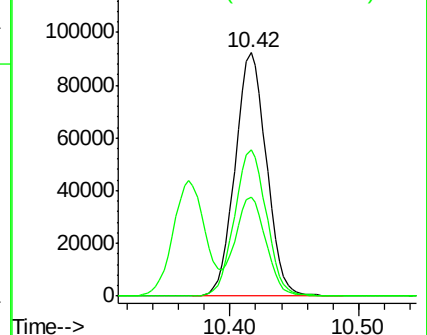
39 40.5 34.7 52.1



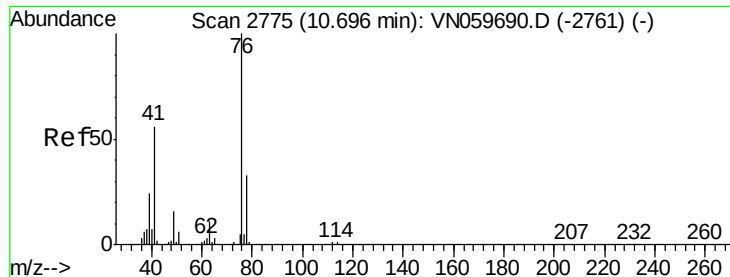
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0







#57

1,3-Dichloropropane

Concen: 54.048 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

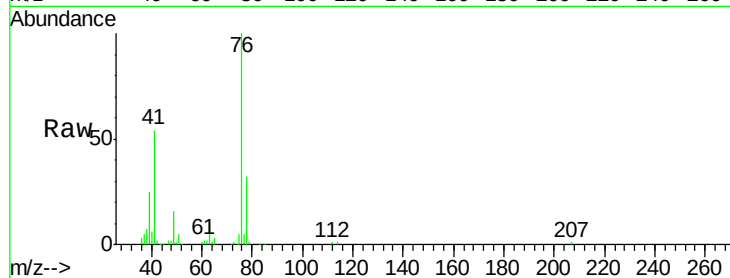
VSTDCCC050EC

Tgt Ion: 76 Resp: 167842

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059690.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN059690.D (-2761) (-)

10.70

80000

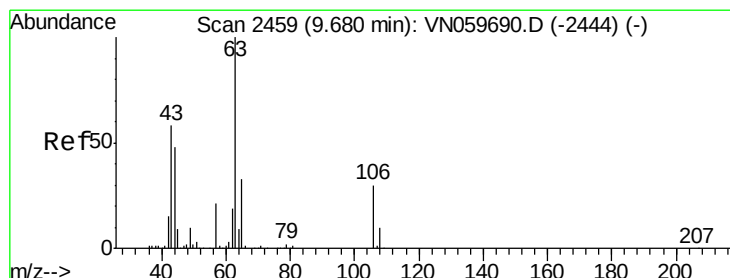
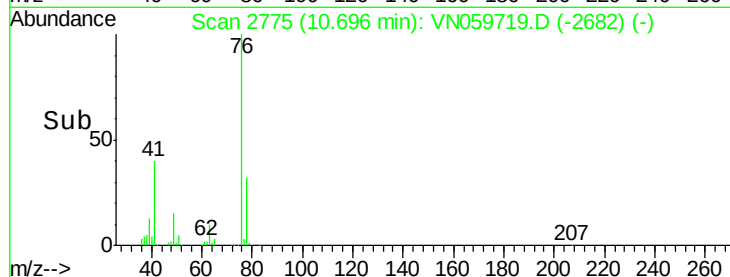
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 300.944 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN059719.D

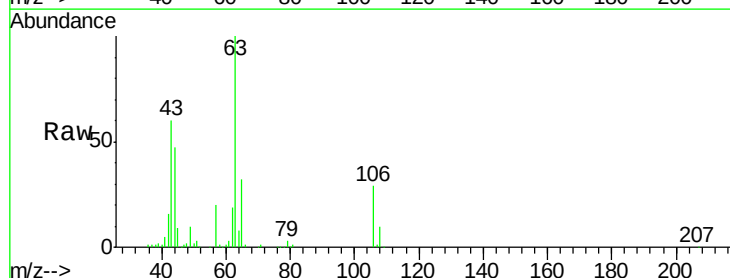
Acq: 15 Jan 2020 17:15

Tgt Ion: 63 Resp: 270923

Ion Ratio Lower Upper

63 100

106 29.6 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059690.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN059690.D (-2444) (-)

9.68

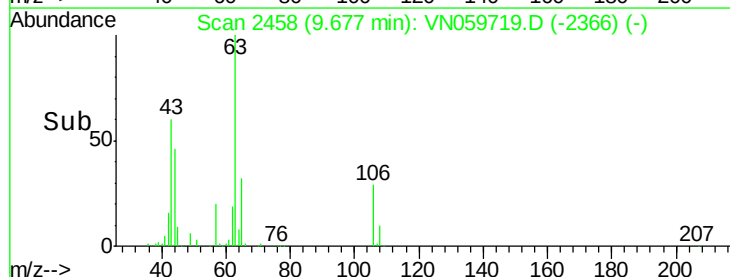
150000

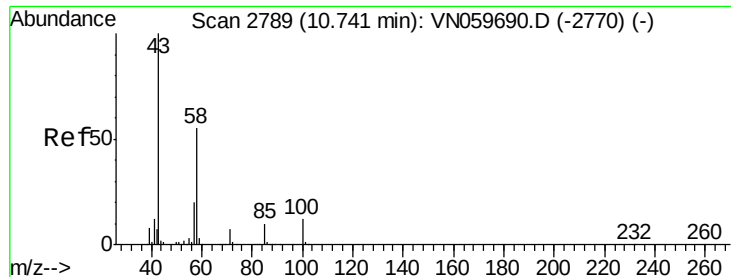
100000

50000

0

Time-->

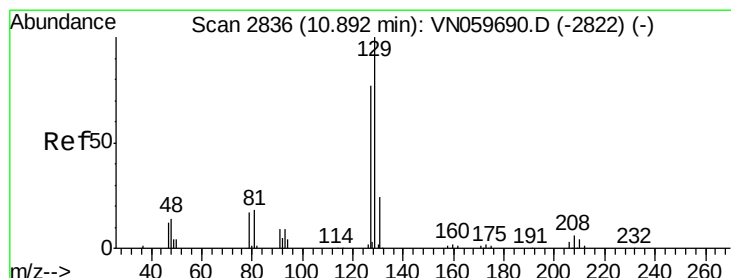
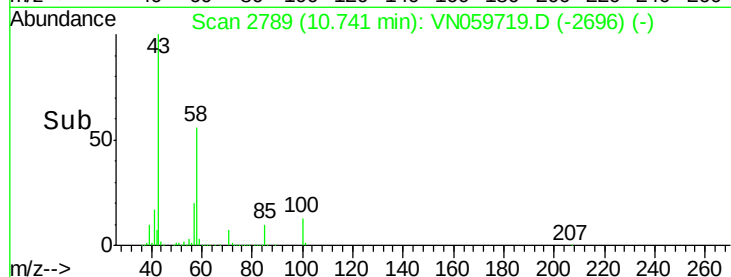
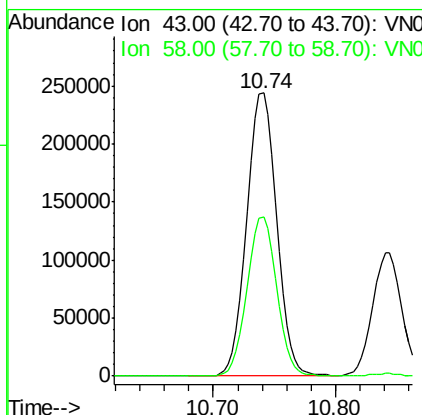
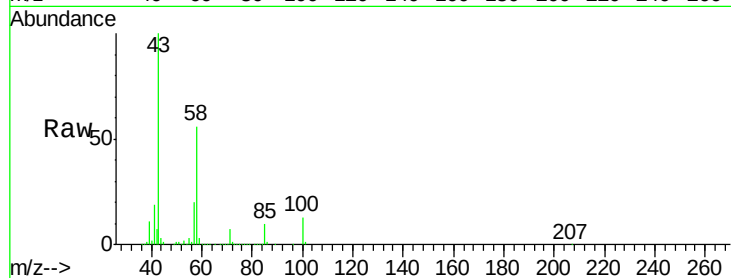




#59  
2-Hexanone  
Concen: 228.336 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

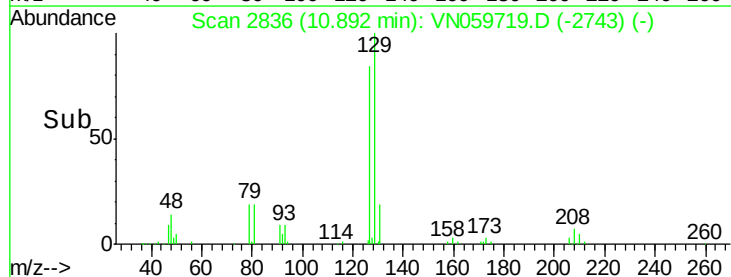
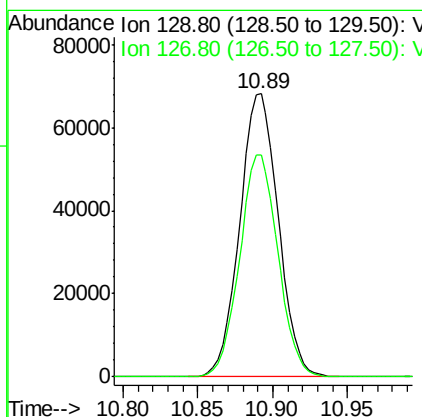
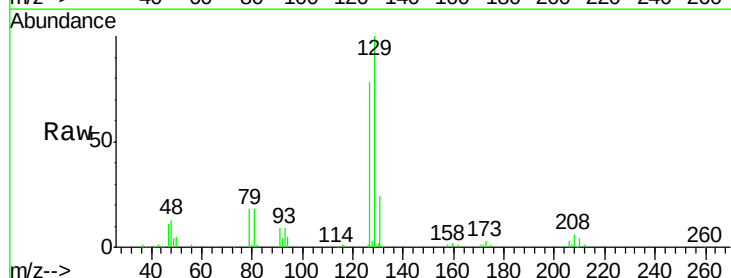
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

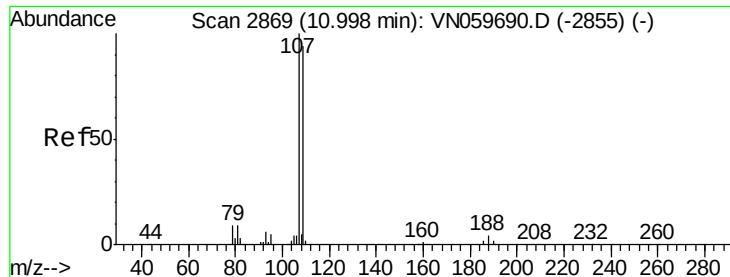
Tgt Ion: 43 Resp: 411275  
Ion Ratio Lower Upper  
43 100  
58 55.9 25.8 77.3



#60  
Dibromochloromethane  
Concen: 54.884 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion: 129 Resp: 122252  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.649 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

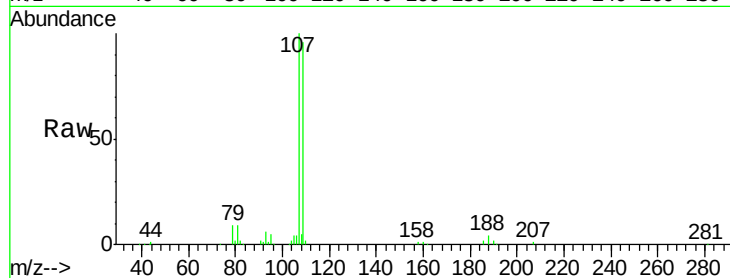
VSTDCCC050EC

Tgt Ion: 107 Resp: 109988

Ion Ratio Lower Upper

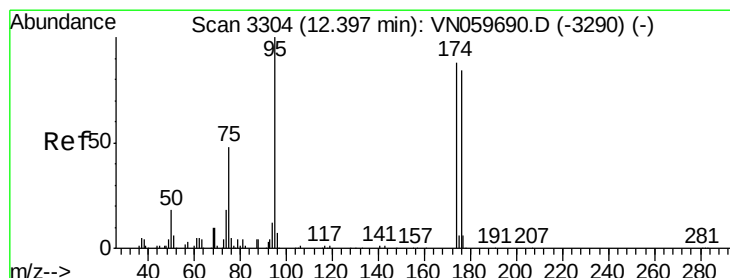
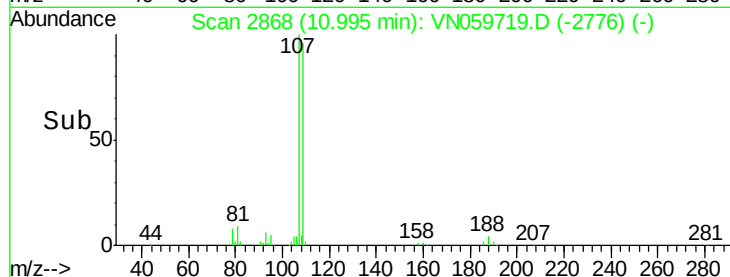
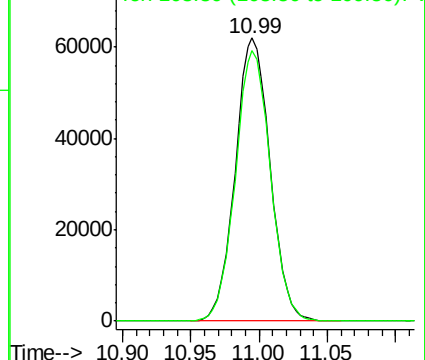
107 100

109 96.0 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.527 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

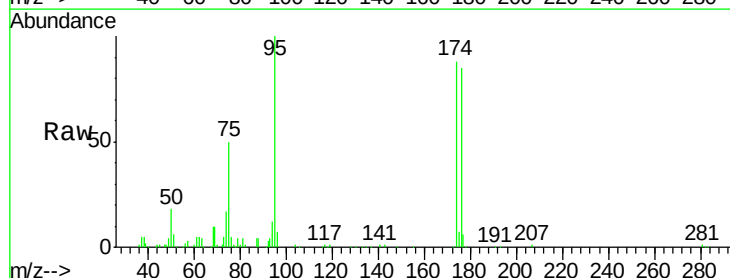
Tgt Ion: 95 Resp: 126702

Ion Ratio Lower Upper

95 100

174 87.8 0.0 151.4

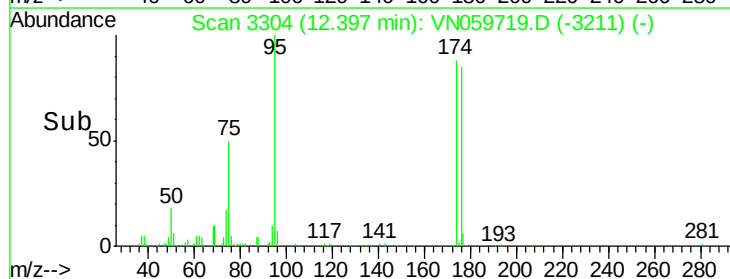
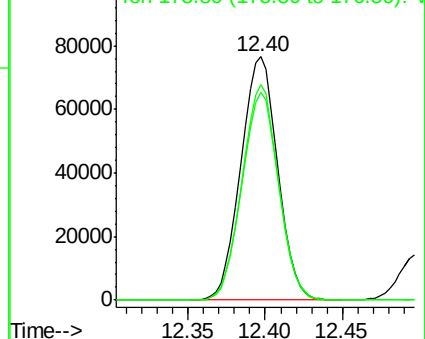
176 85.2 0.0 146.0

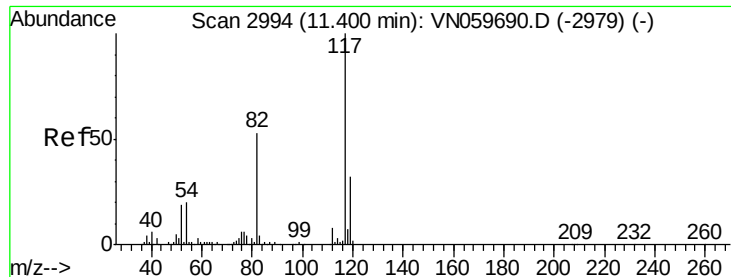


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

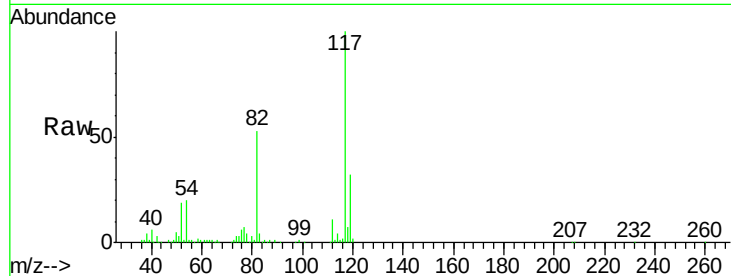




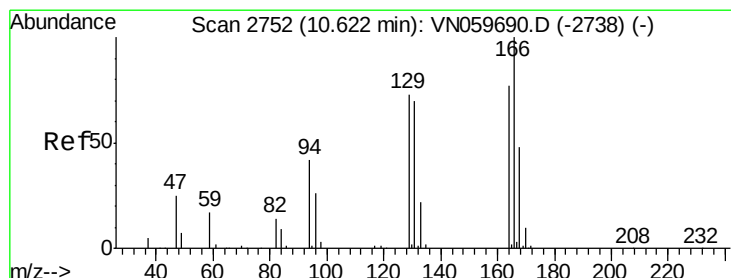
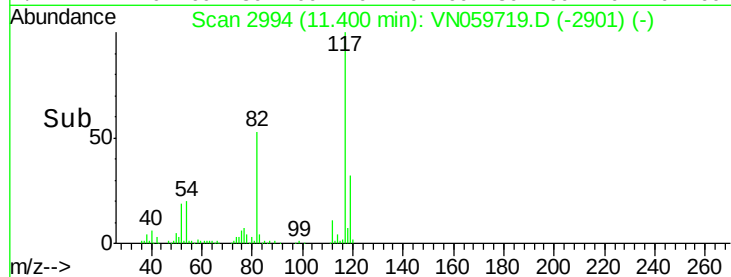
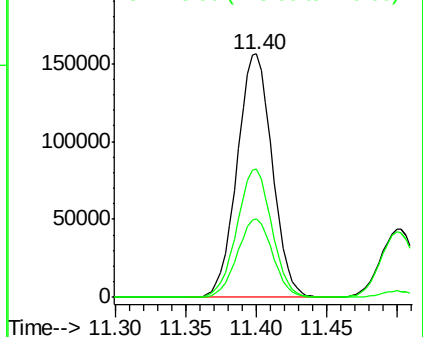
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:117 Resp: 272687  
Ion Ratio Lower Upper  
117 100  
82 52.5 45.9 68.9  
119 32.5 25.5 38.3



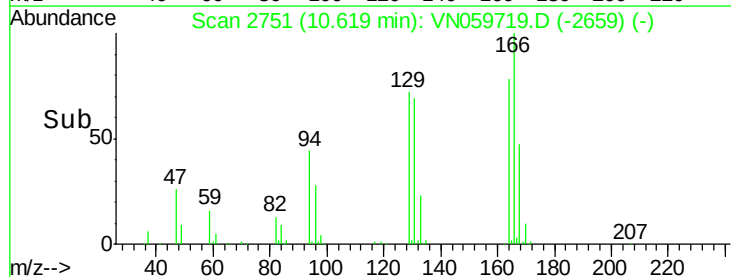
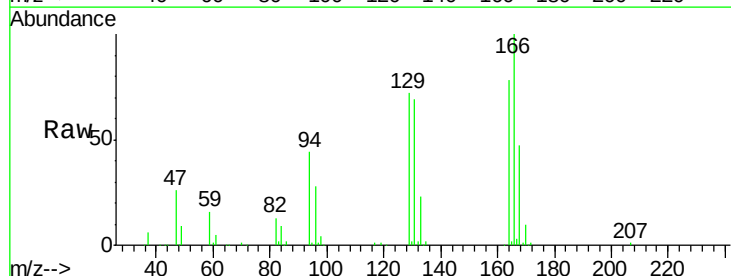
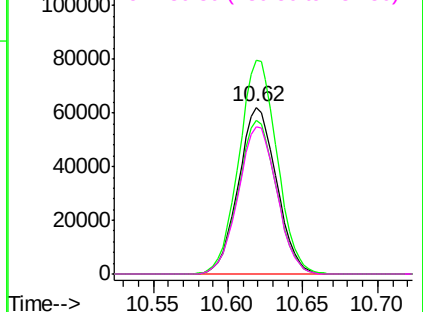
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

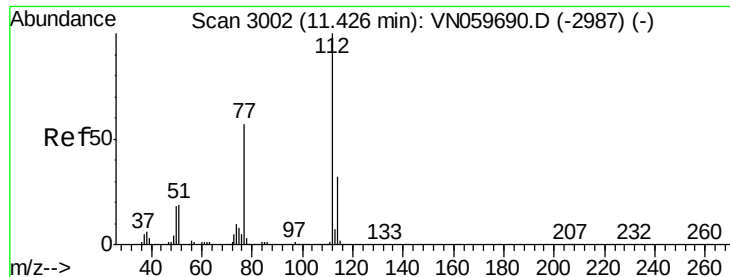


#64  
Tetrachloroethene  
Concen: 49.324 ug/l  
RT: 10.62 min Scan# 2751  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion:164 Resp: 109618  
Ion Ratio Lower Upper  
164 100  
166 128.3 101.4 152.0  
129 92.5 80.2 120.4  
131 88.7 75.0 112.4

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

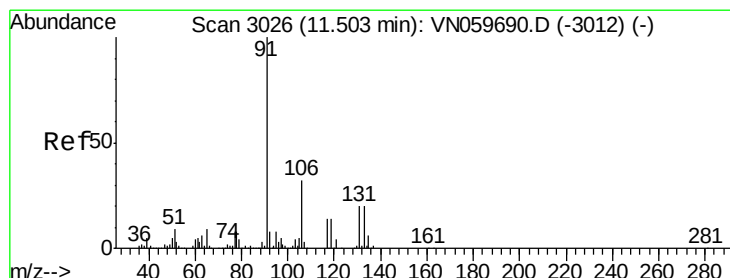
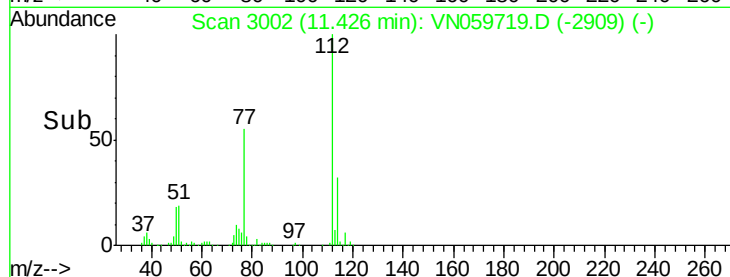
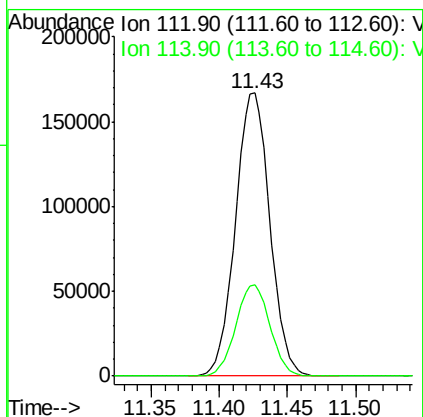
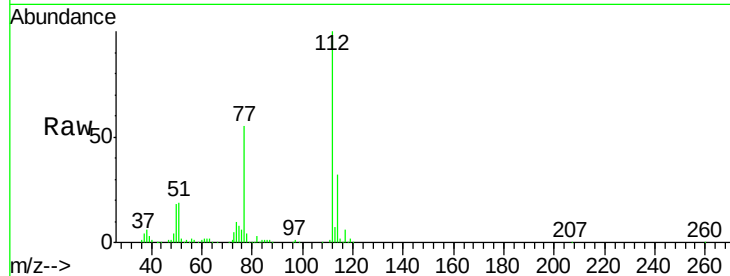




#65  
Chlorobenzene  
Concen: 54.460 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

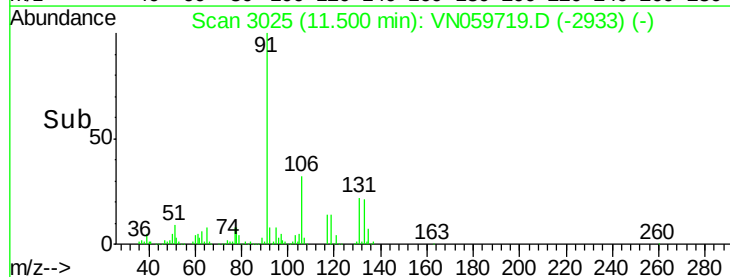
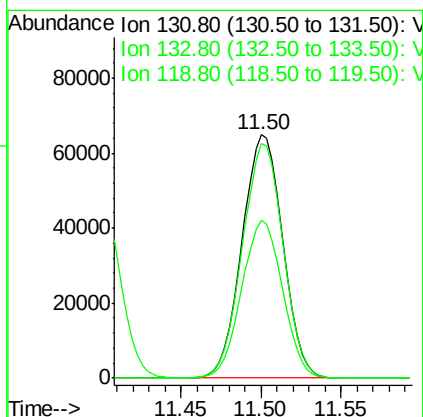
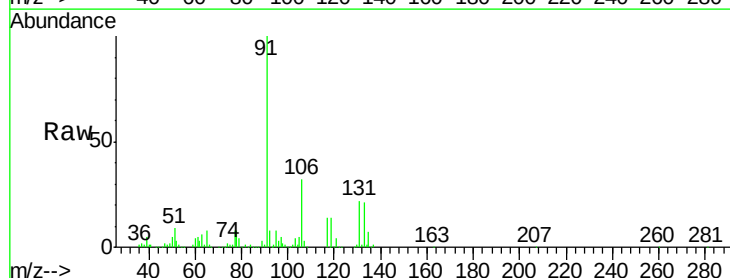
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

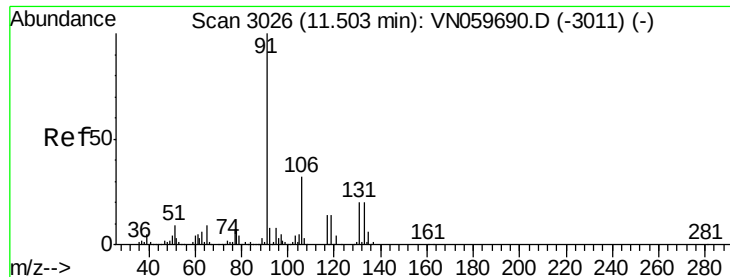
Tgt Ion:112 Resp: 291891  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.592 ug/l  
RT: 11.50 min Scan# 3025  
Delta R.T. -0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion:131 Resp: 113059  
Ion Ratio Lower Upper  
131 100  
133 97.0 47.4 142.2  
119 65.1 33.1 99.3





#67

Ethyl Benzene

Concen: 53.962 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

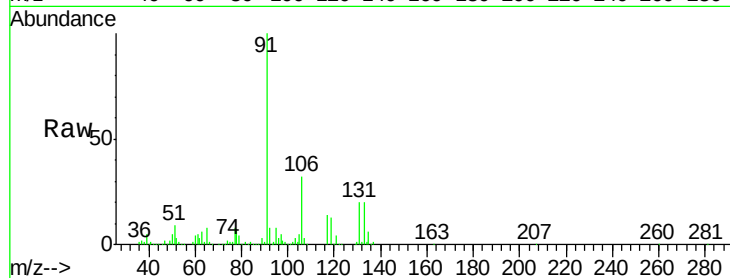
VSTDCCC050EC

Tgt Ion: 91 Resp: 525036

Ion Ratio Lower Upper

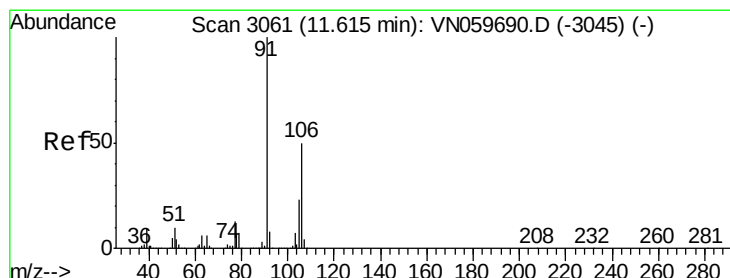
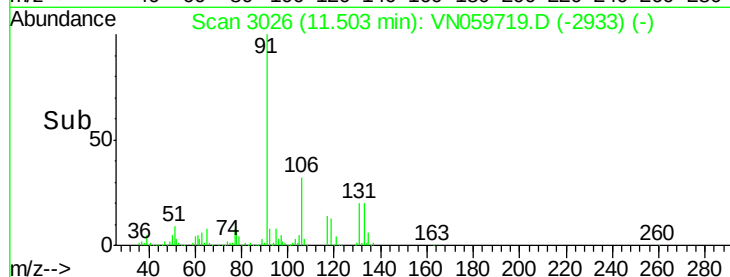
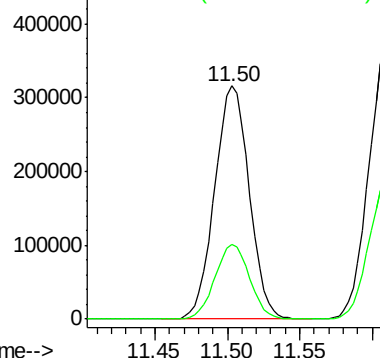
91 100

106 32.0 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 109.951 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059719.D

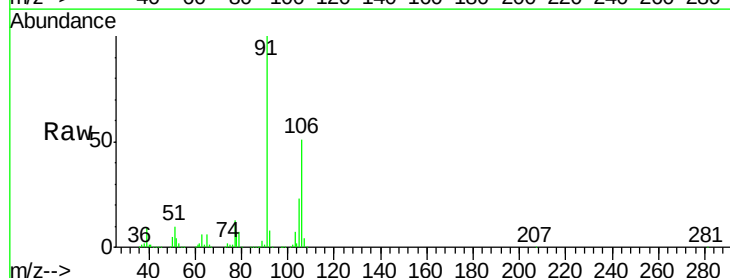
Acq: 15 Jan 2020 17:15

Tgt Ion: 106 Resp: 404102

Ion Ratio Lower Upper

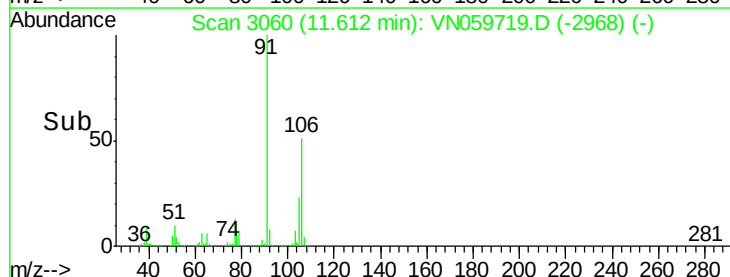
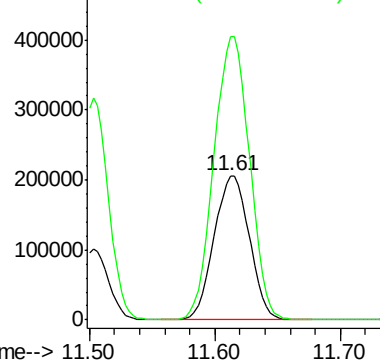
106 100

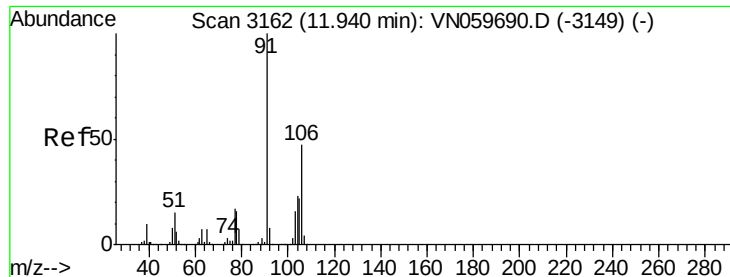
91 197.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

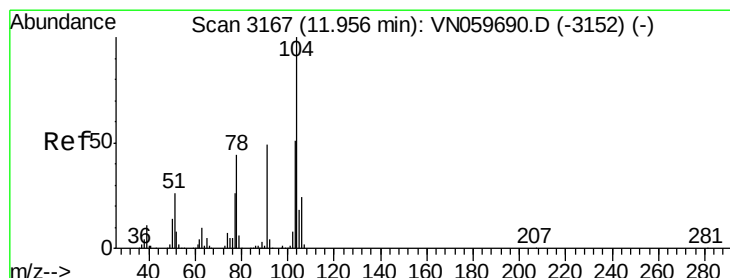
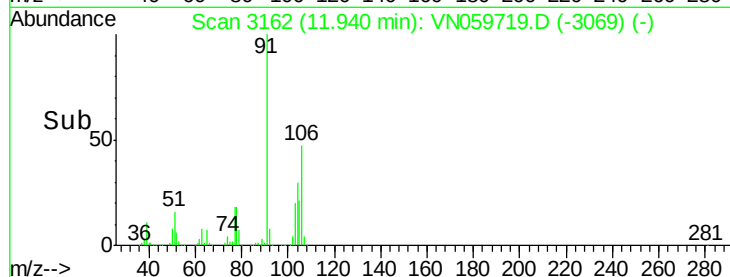
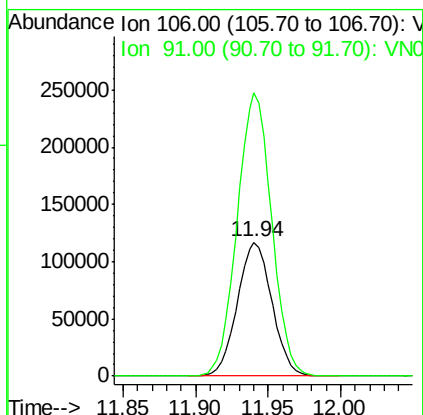
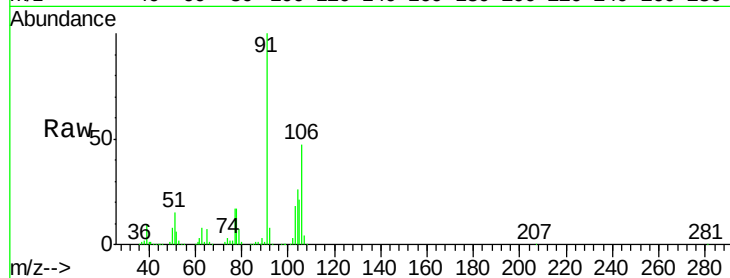




#69  
o-Xylene  
Concen: 53.800 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

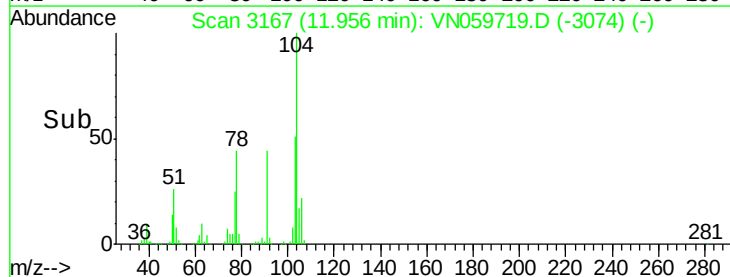
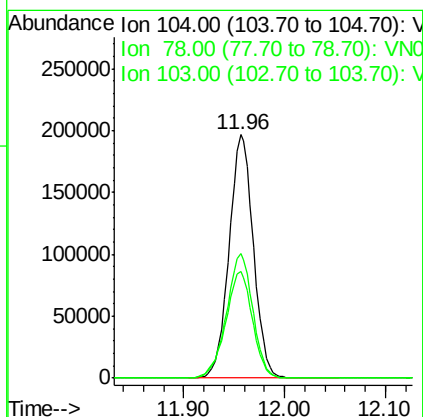
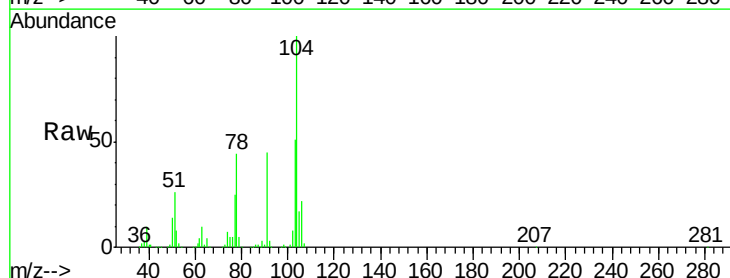
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

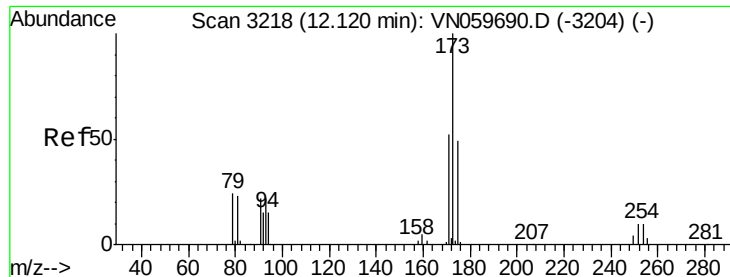
Tgt Ion:106 Resp: 193579  
Ion Ratio Lower Upper  
106 100  
91 210.8 110.3 330.9



#70  
Styrene  
Concen: 54.795 ug/l  
RT: 11.96 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion:104 Resp: 329919  
Ion Ratio Lower Upper  
104 100  
78 48.4 42.4 63.6  
103 55.3 43.9 65.9





#71

Bromoform

Concen: 54.273 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

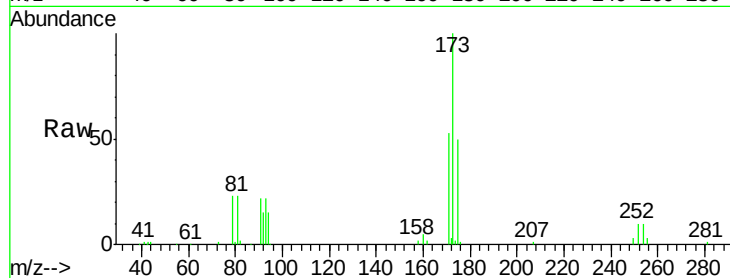
Tgt Ion:173 Resp: 90033

Ion Ratio Lower Upper

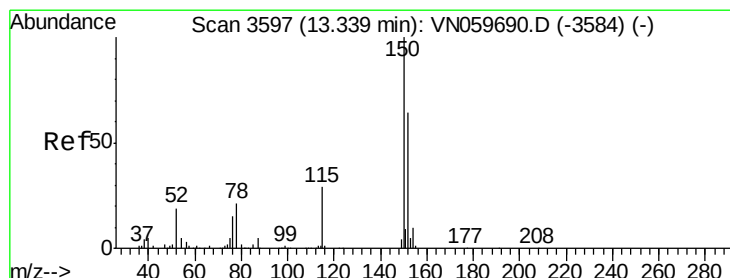
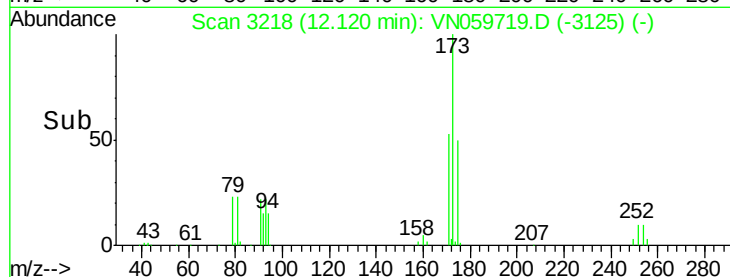
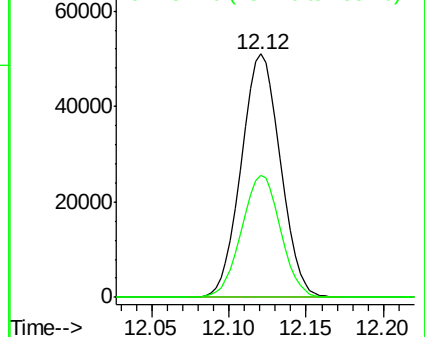
173 100

175 49.7 23.8 71.4

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: VN059719.D

Acq: 15 Jan 2020 17:15

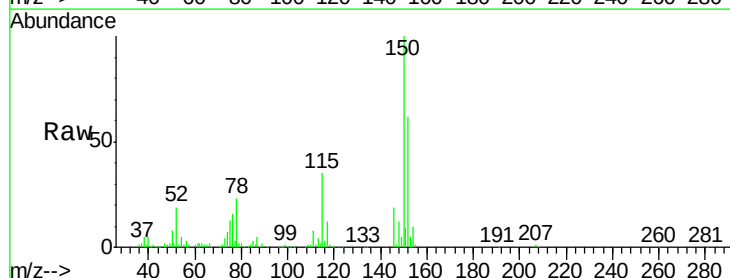
Tgt Ion:152 Resp: 134206

Ion Ratio Lower Upper

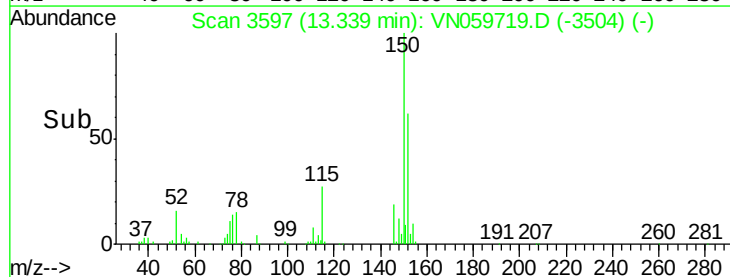
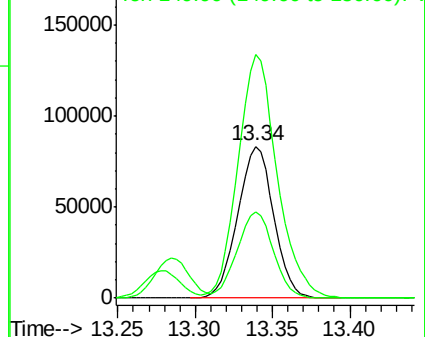
152 100

115 57.3 30.3 90.9

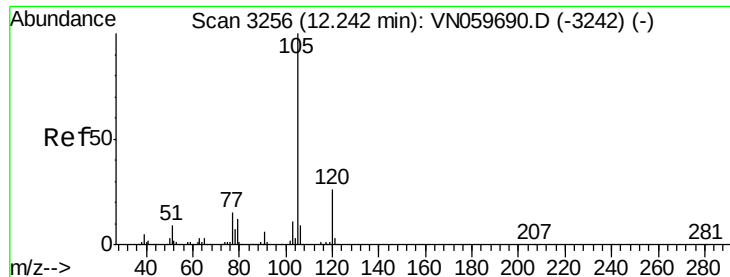
150 175.7 0.0 345.2



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: 53.278 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

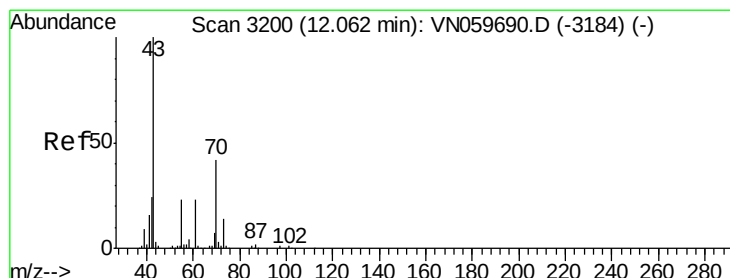
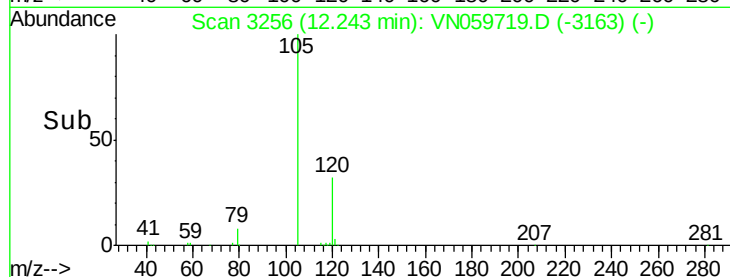
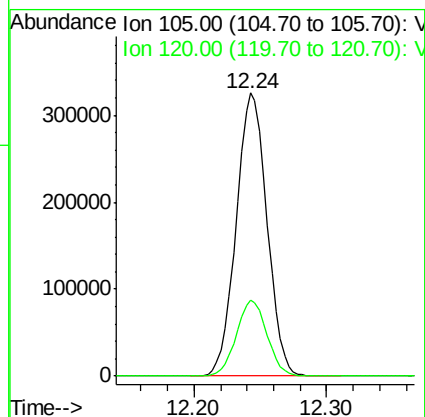
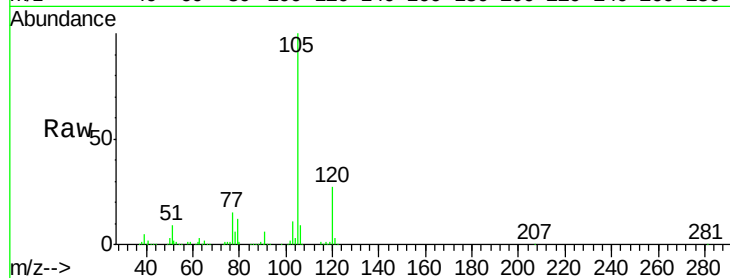
VSTDCCC050EC

Tgt Ion: 105 Resp: 524393

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 48.653 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Tgt Ion: 43 Resp: 185816

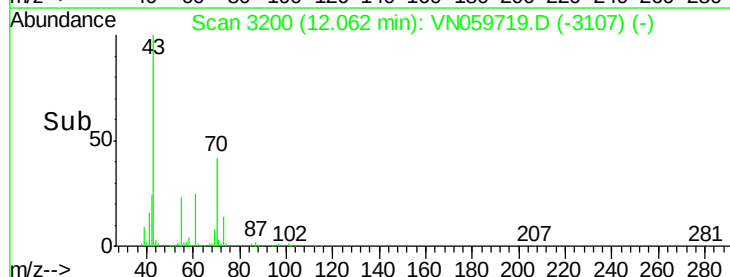
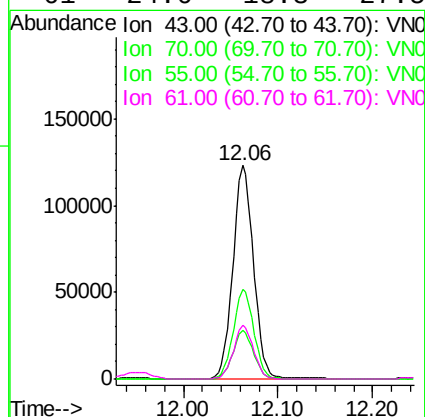
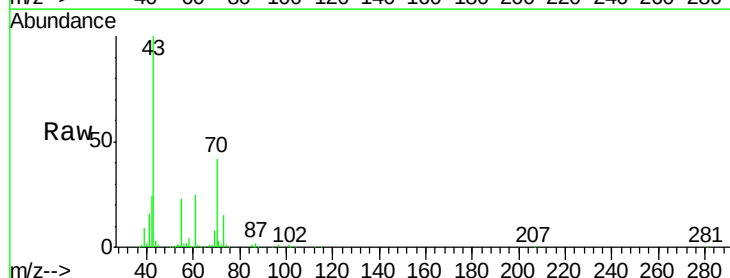
Ion Ratio Lower Upper

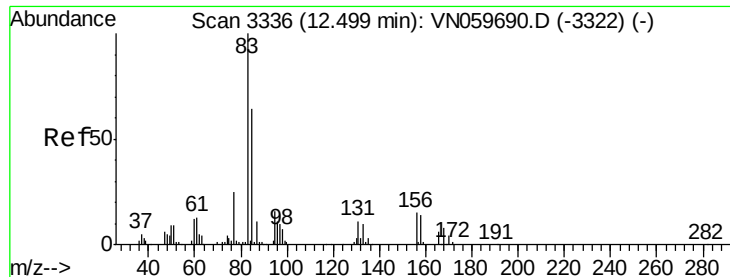
43 100

70 42.2 31.3 46.9

55 23.0 19.8 29.6

61 24.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.427 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

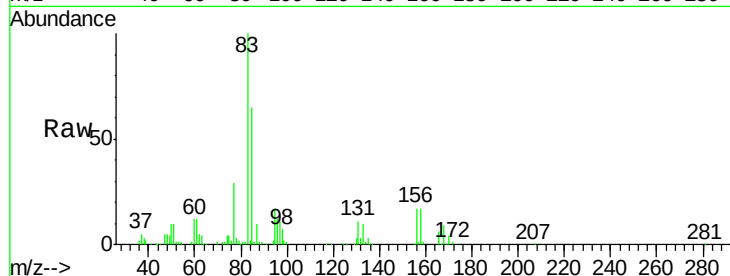
Tgt Ion: 83 Resp: 143886

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 64.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059719.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059719.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059719.D (-3243) (-)

12.50

80000

60000

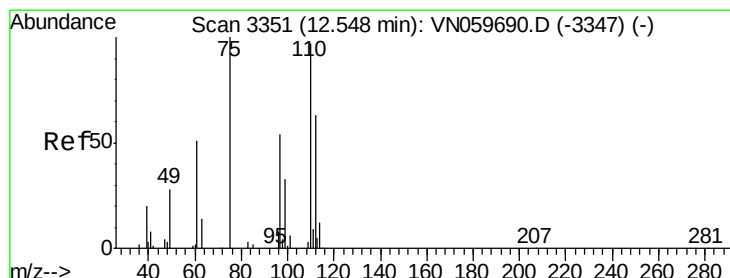
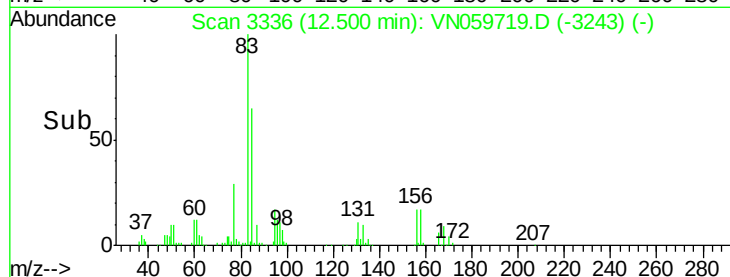
40000

20000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 83.138 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059719.D

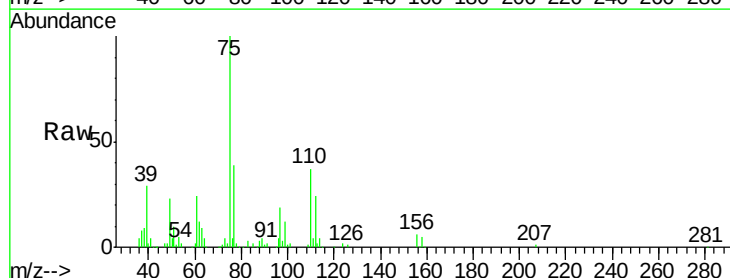
Acq: 15 Jan 2020 17:15

Tgt Ion: 75 Resp: 187771

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059719.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059719.D (-3258) (-)

12.55

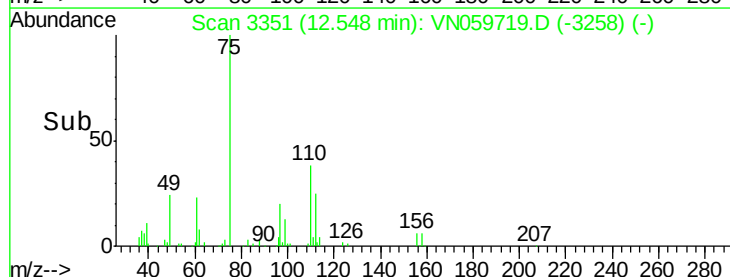
100000

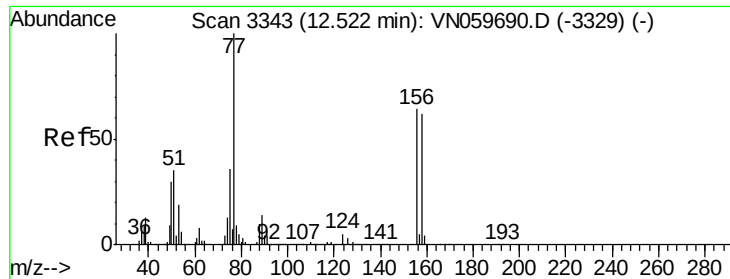
50000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 53.424 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

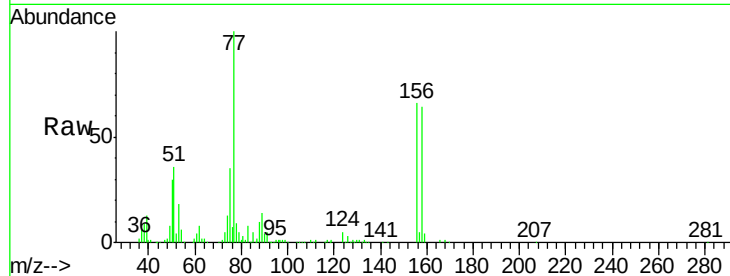
Tgt Ion:156 Resp: 133161

Ion Ratio Lower Upper

156 100

77 184.4 115.8 347.4

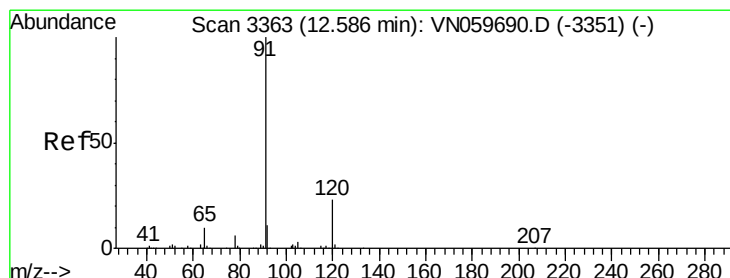
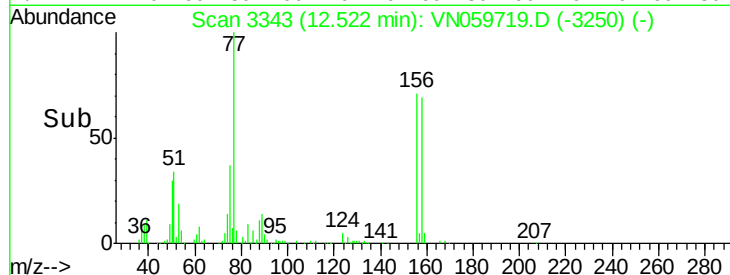
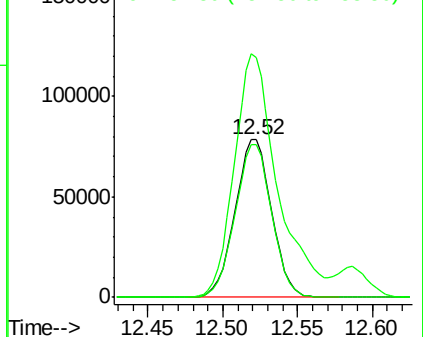
158 97.1 49.2 147.6



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: 53.780 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059719.D

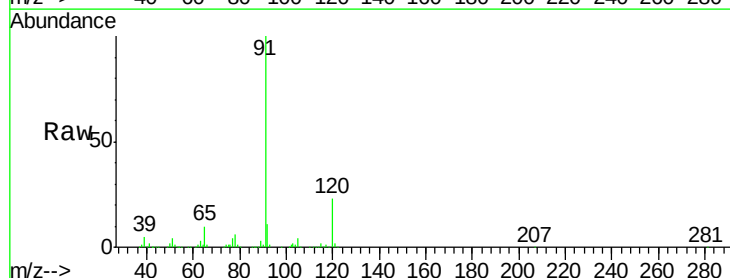
Acq: 15 Jan 2020 17:15

Tgt Ion: 91 Resp: 594126

Ion Ratio Lower Upper

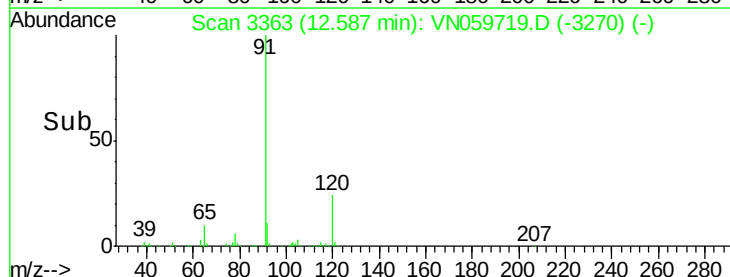
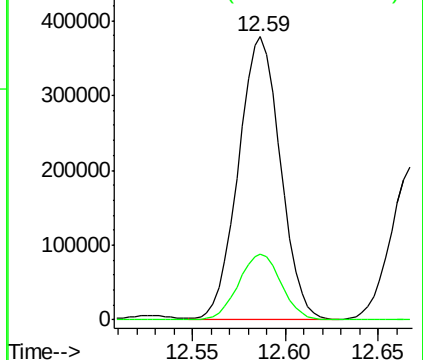
91 100

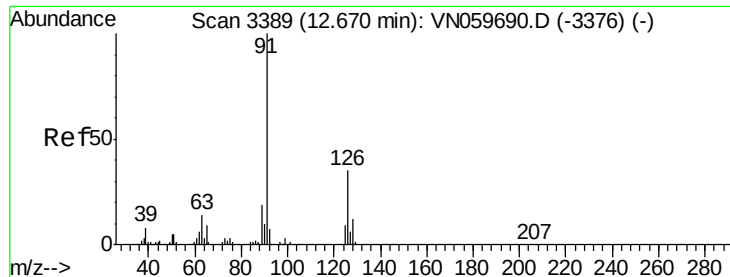
120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.003 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

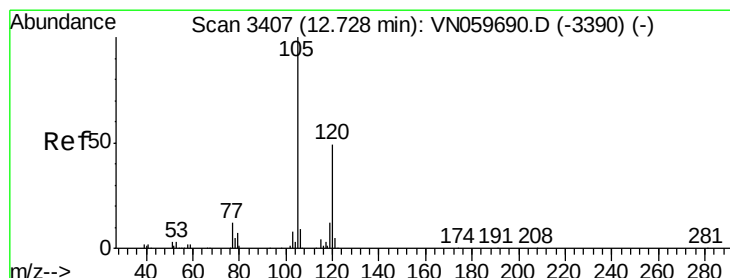
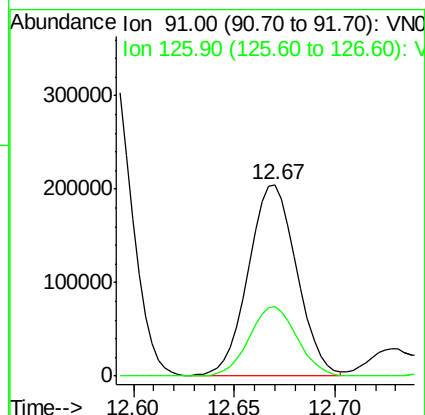
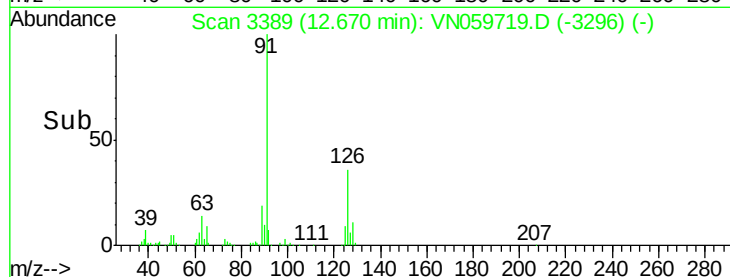
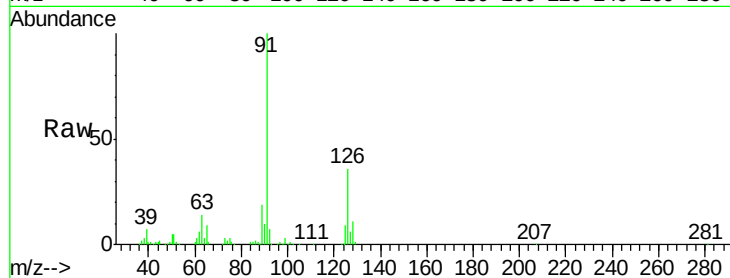
VSTDCCC050EC

Tgt Ion: 91 Resp: 341765

Ion Ratio Lower Upper

91 100

126 36.2 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 53.150 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059719.D

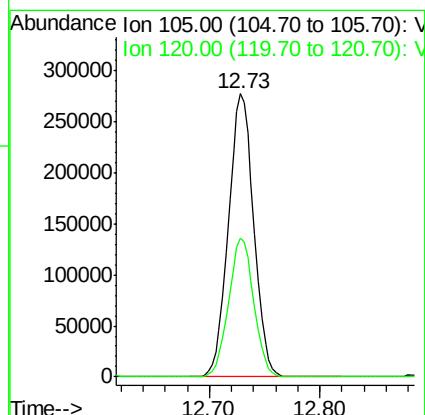
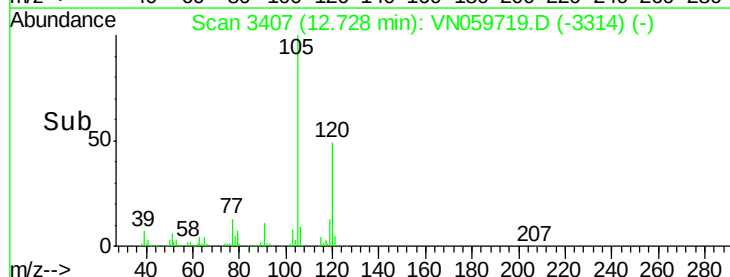
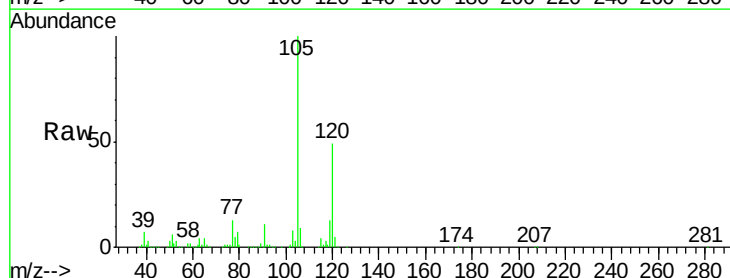
Acq: 15 Jan 2020 17:15

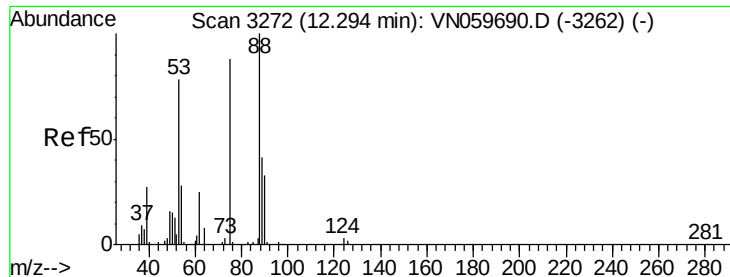
Tgt Ion: 105 Resp: 439951

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.445 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

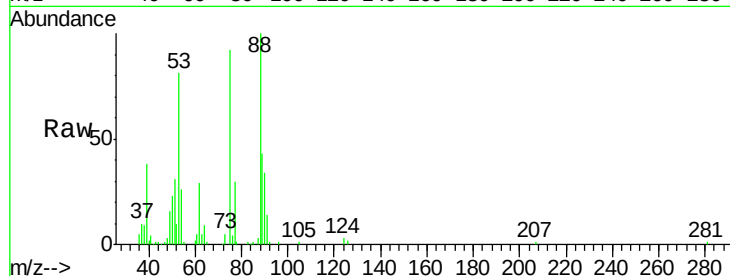
Tgt Ion: 75 Resp: 52002

Ion Ratio Lower Upper

75 100

53 90.7 78.1 117.1

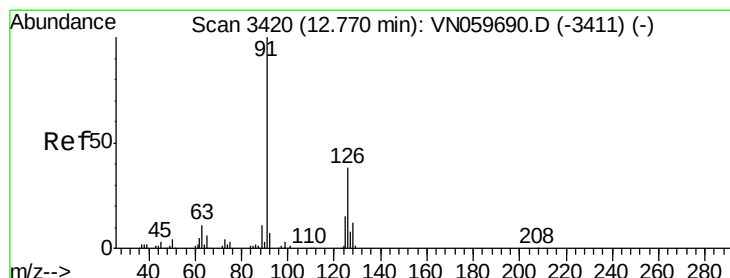
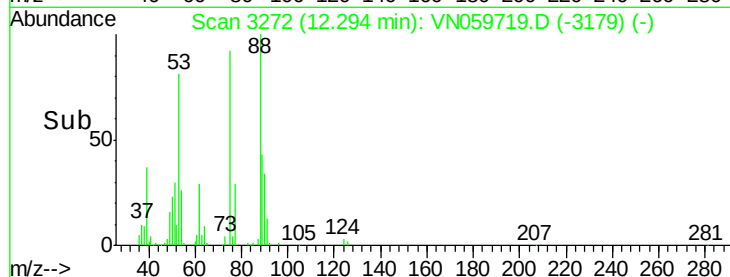
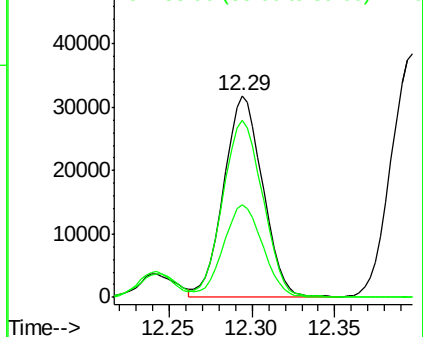
89 46.1 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 53.786 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN059719.D

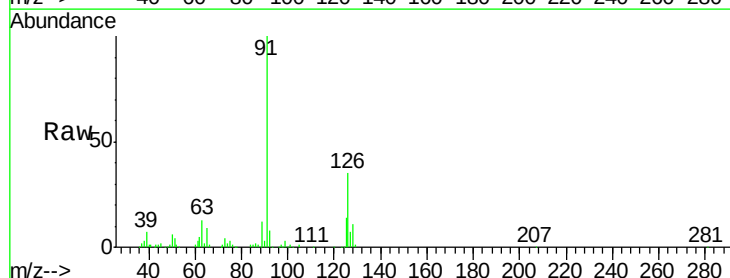
Acq: 15 Jan 2020 17:15

Tgt Ion: 91 Resp: 354551

Ion Ratio Lower Upper

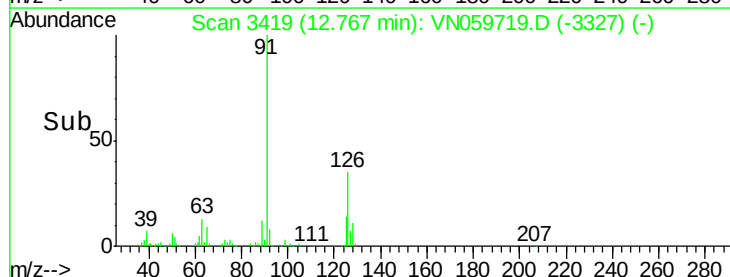
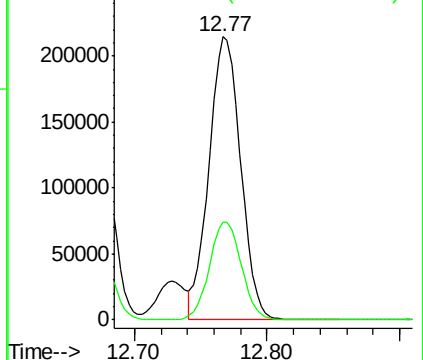
91 100

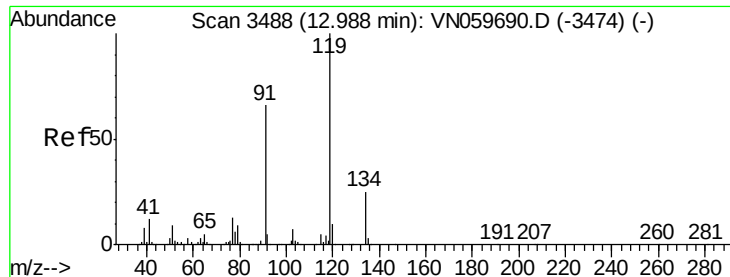
126 34.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.899 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

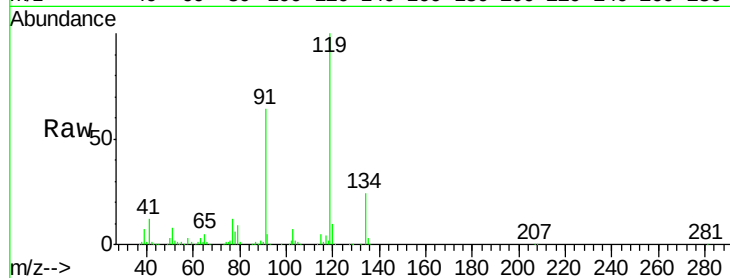
Tgt Ion:119 Resp: 378711

Ion Ratio Lower Upper

119 100

91 64.1 34.8 104.4

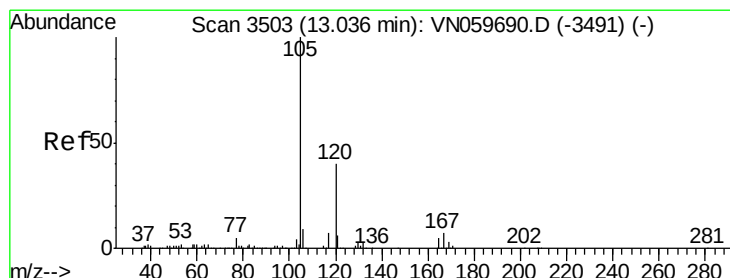
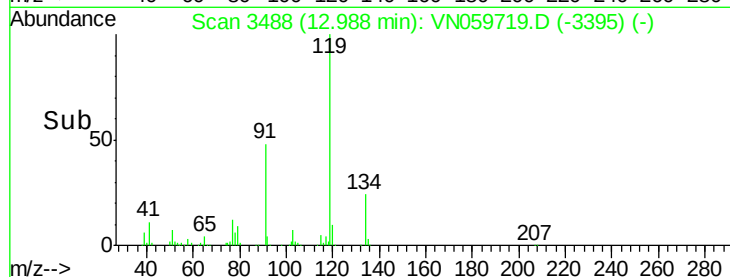
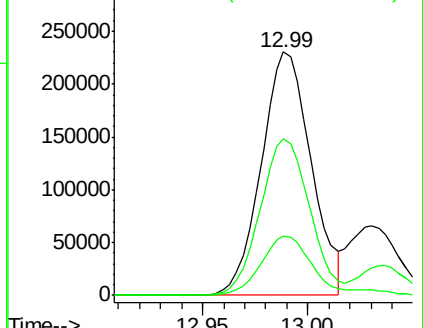
134 26.2 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.666 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN059719.D

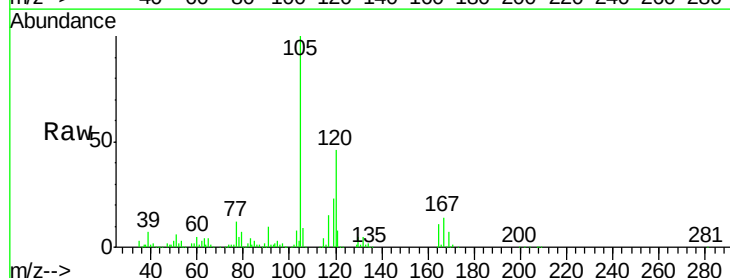
Acq: 15 Jan 2020 17:15

Tgt Ion:105 Resp: 439483

Ion Ratio Lower Upper

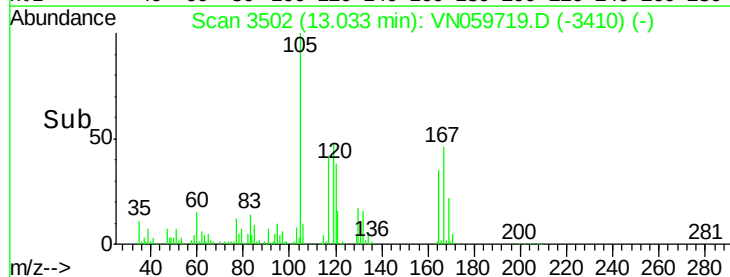
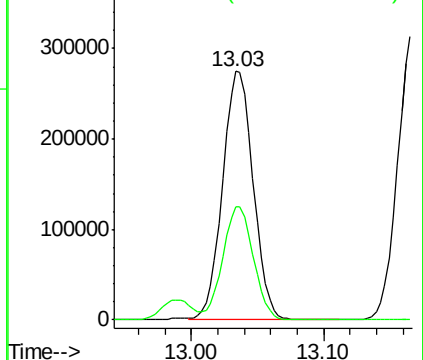
105 100

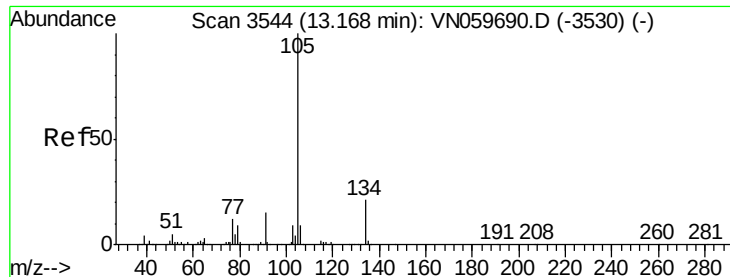
120 45.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.794 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

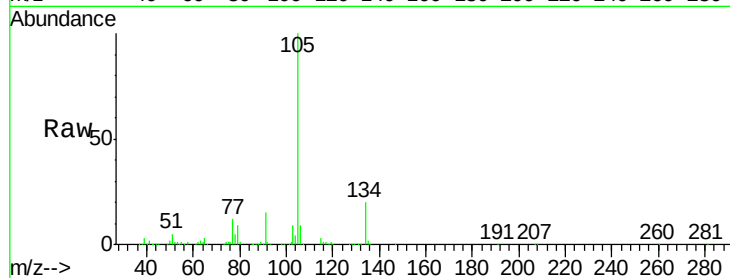
VSTDCCC050EC

Tgt Ion:105 Resp: 505984

Ion Ratio Lower Upper

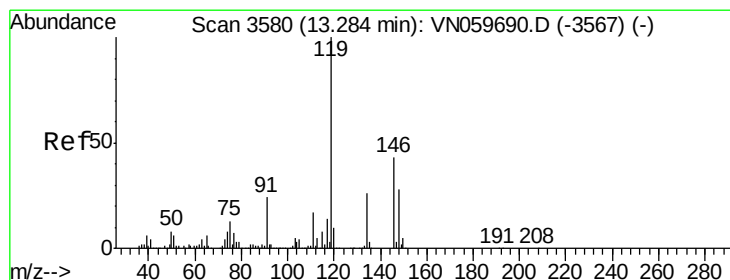
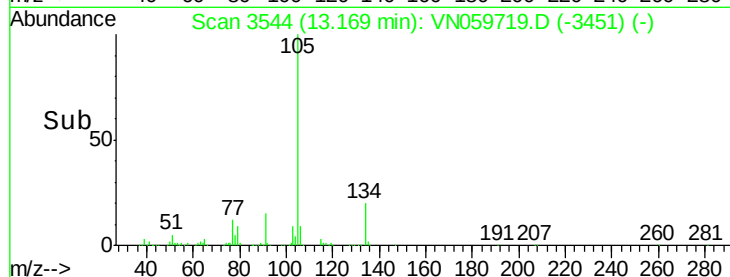
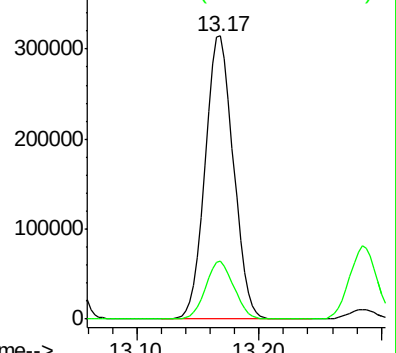
105 100

134 20.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.365 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

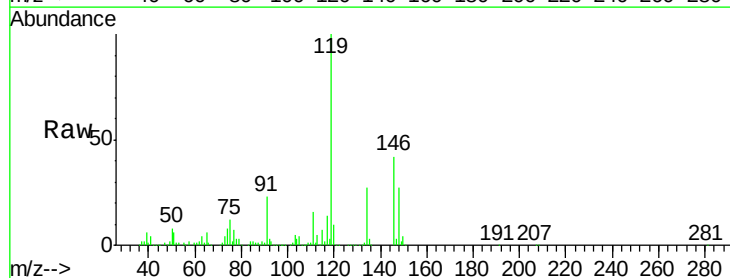
Tgt Ion:119 Resp: 473159

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.7

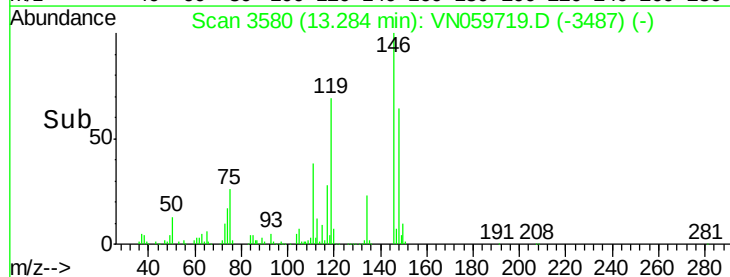
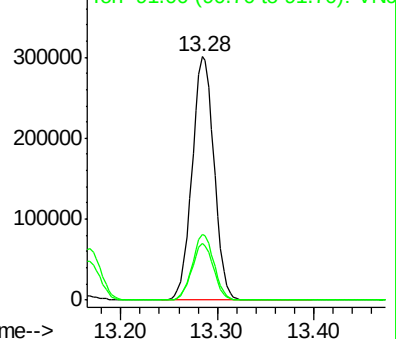
91 22.7 12.4 37.4

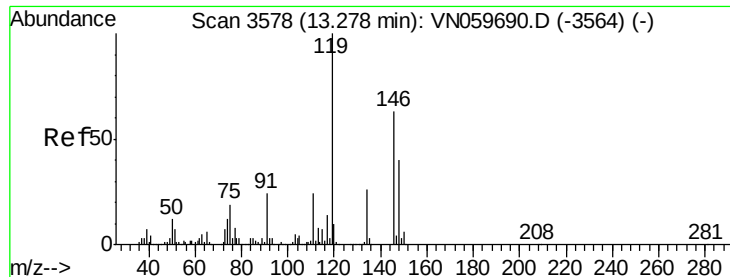


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.754 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

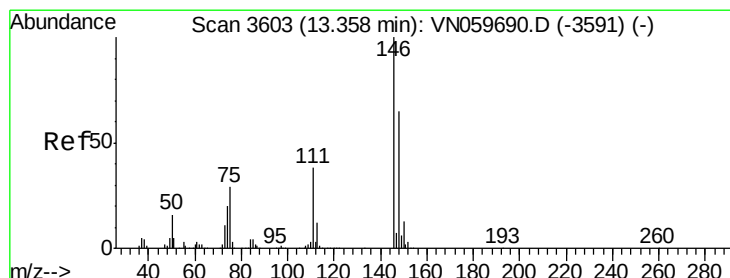
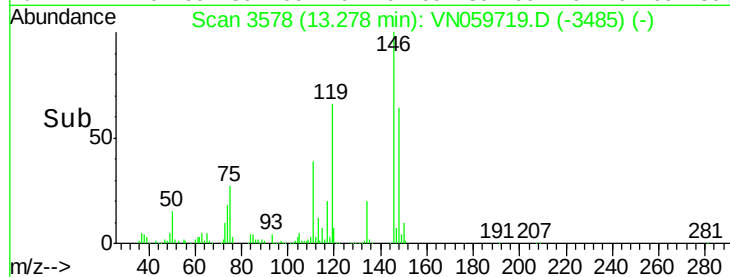
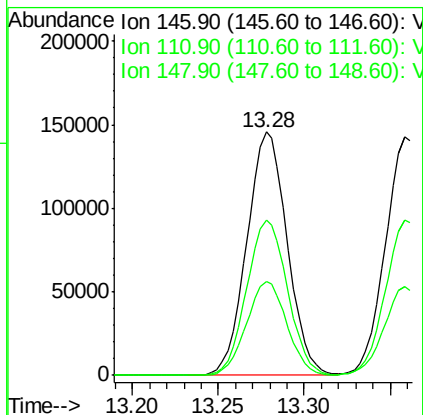
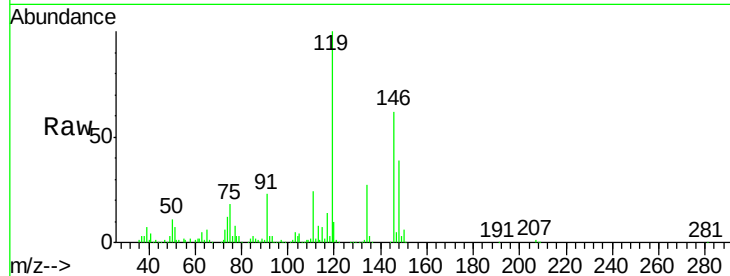
Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 237066 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 38.7  | 20.8  | 62.2   |
| 148      | 64.6  | 32.0  | 96.0   |



#88

1,4-Dichlorobenzene

Concen: 54.366 ug/l

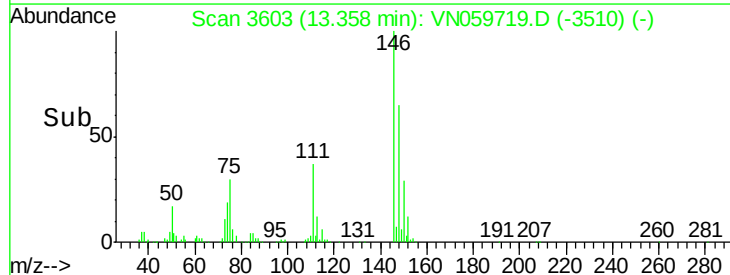
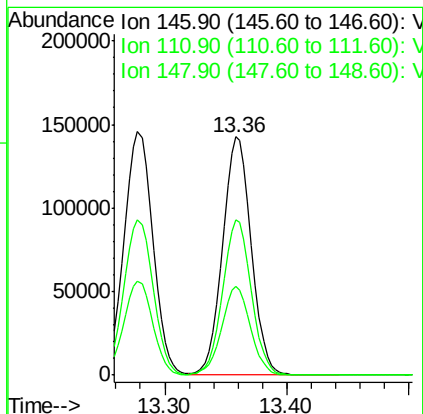
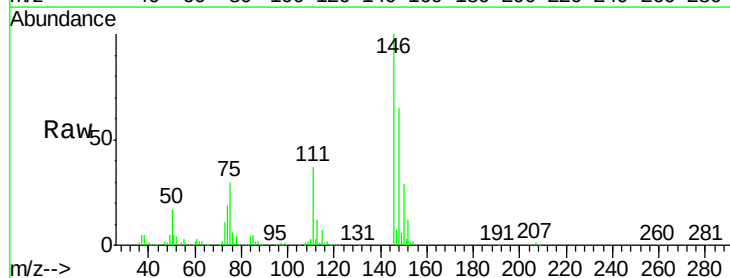
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

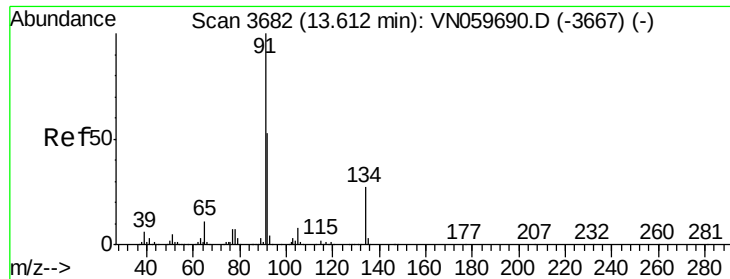
Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 234823 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 37.5  | 20.8  | 62.2   |
| 148      | 65.1  | 31.8  | 95.4   |







#89

n-Butylbenzene

Concen: 55.371 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

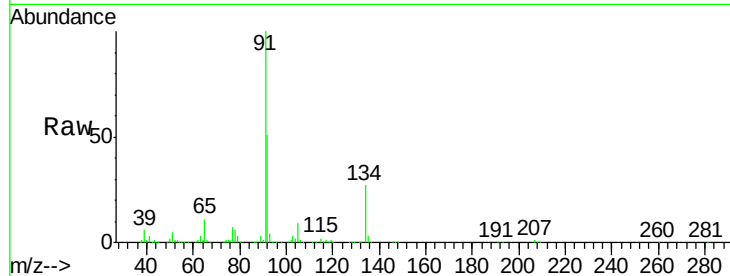
Tgt Ion: 91 Resp: 410897

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.7

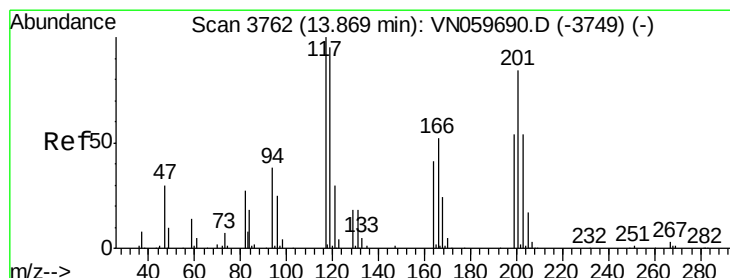
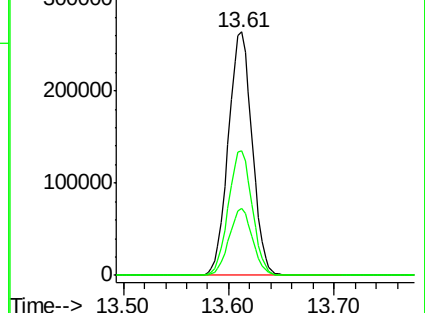
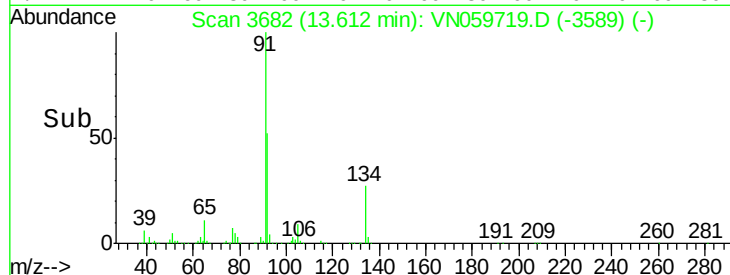
134 27.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN059719.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN059719.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN059719.D (-3589) (-)



#90

Hexachloroethane

Concen: 54.061 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059719.D

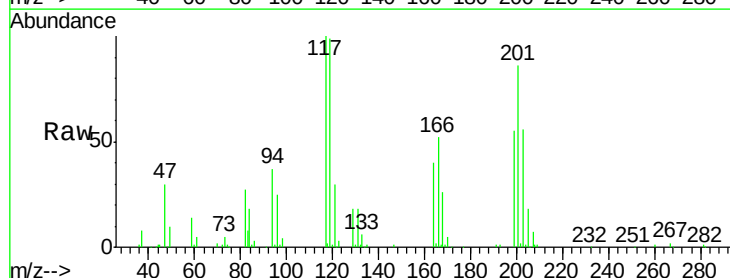
Acq: 15 Jan 2020 17:15

Tgt Ion: 117 Resp: 88032

Ion Ratio Lower Upper

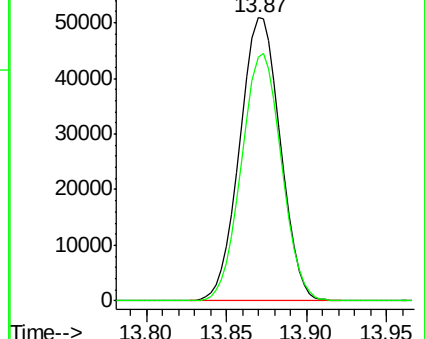
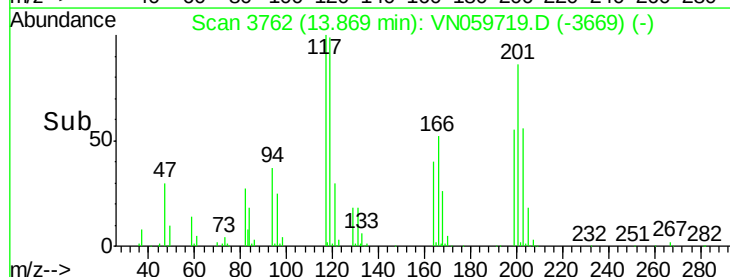
117 100

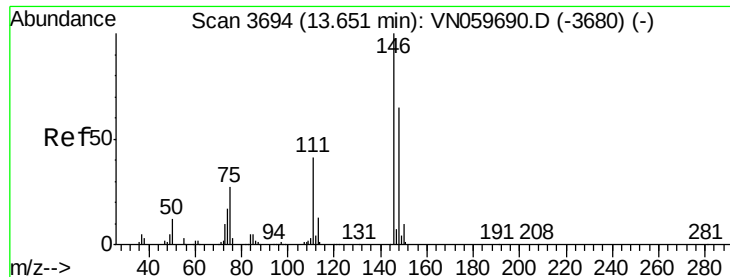
201 86.3 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059719.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059719.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 53.608 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

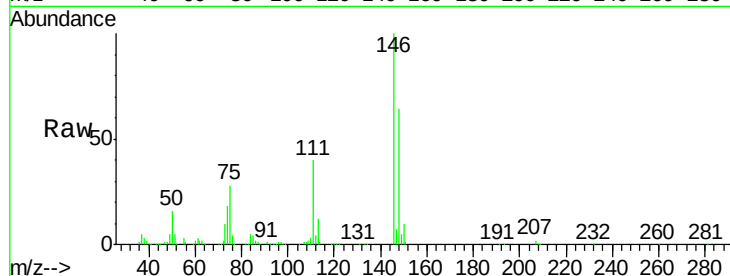
Tgt Ion:146 Resp: 229460

Ion Ratio Lower Upper

146 100

111 39.6 21.6 64.8

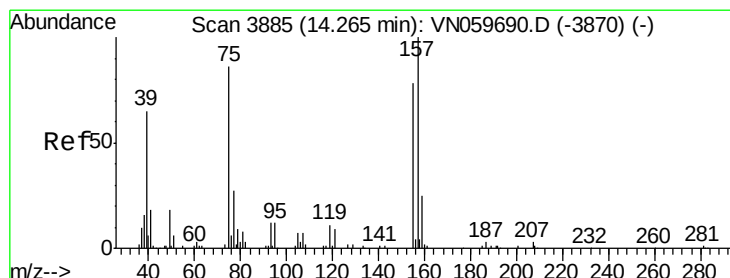
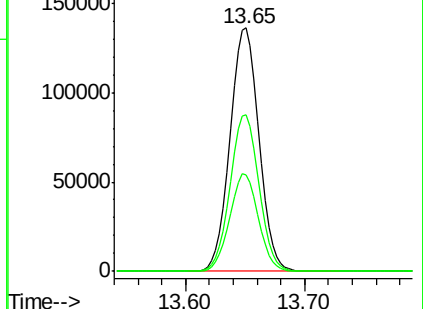
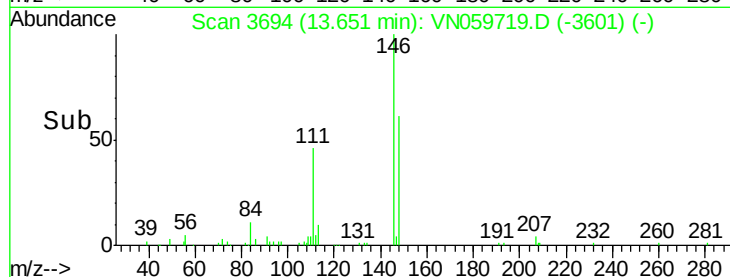
148 64.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.584 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

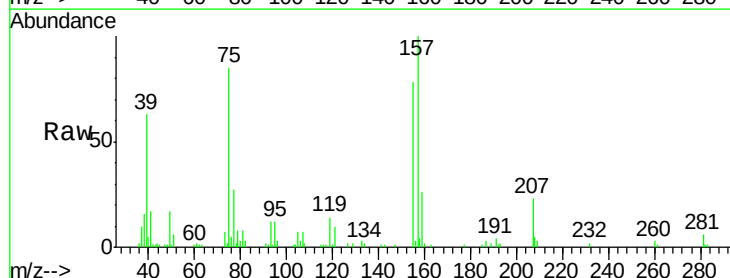
Tgt Ion: 75 Resp: 29204

Ion Ratio Lower Upper

75 100

155 90.0 37.0 110.9

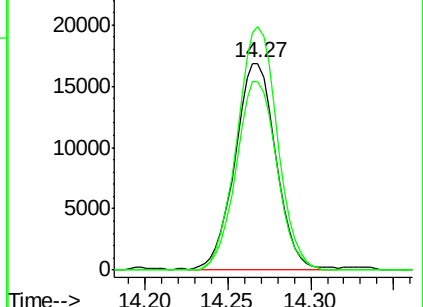
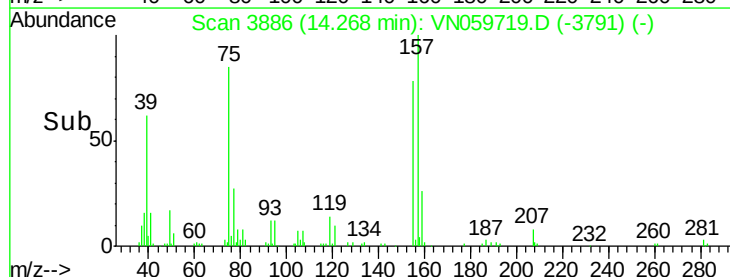
157 115.1 48.4 145.2

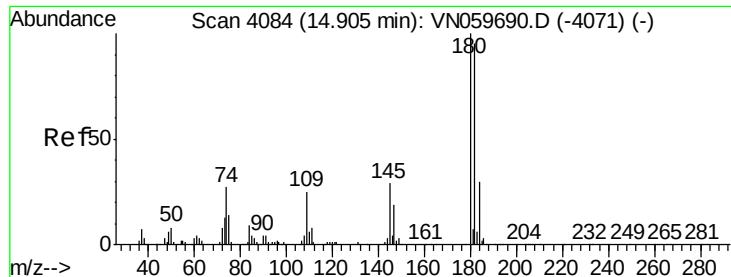


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

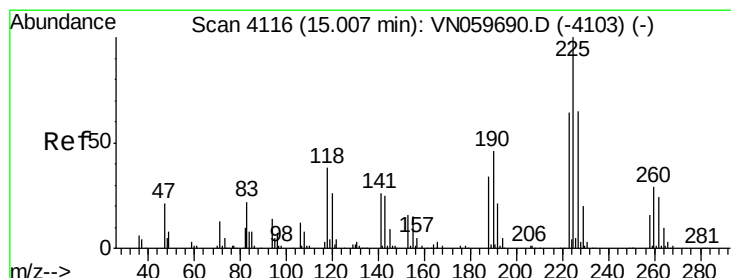
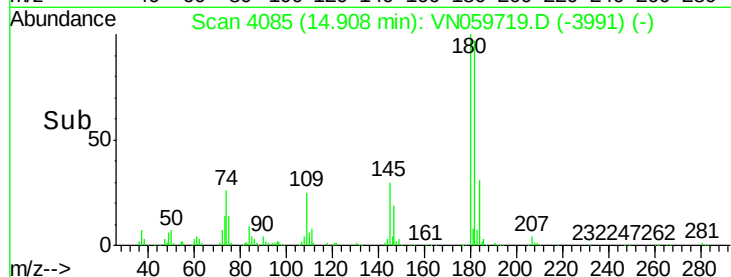
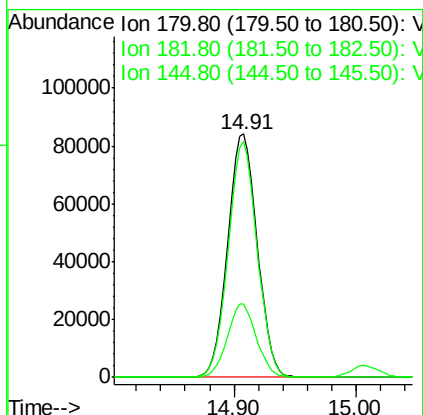
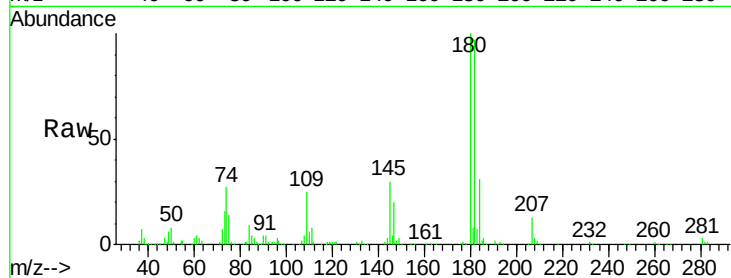




#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.399 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

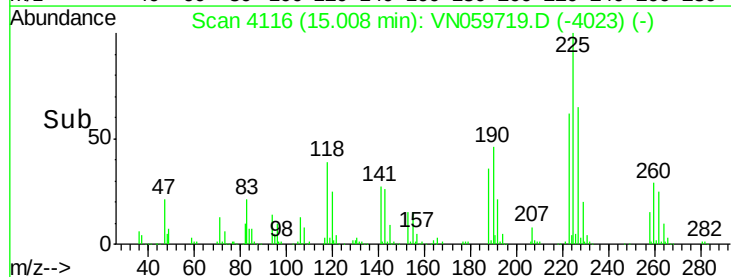
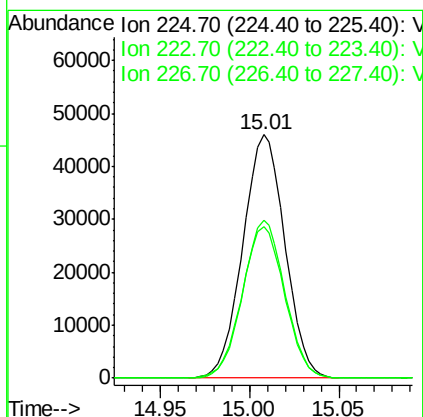
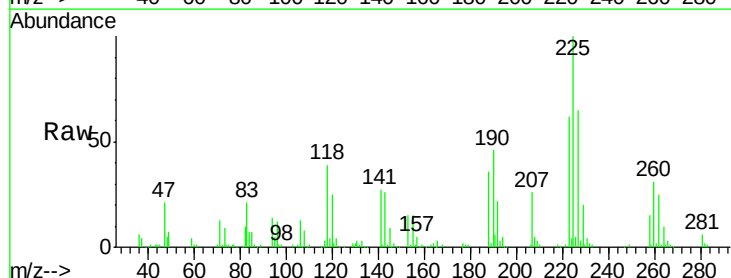
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

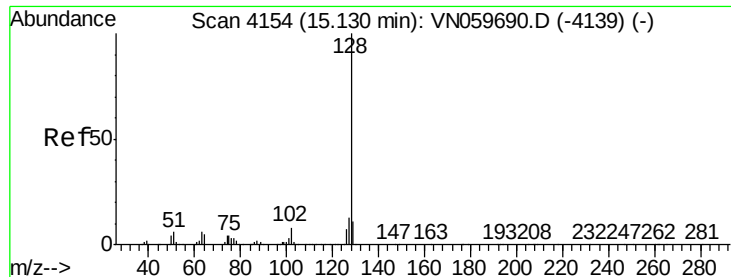
Tgt Ion:180 Resp: 142486  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 46.9 140.7  
 145 29.6 15.0 45.1



#94  
 Hexachlorobutadiene  
 Concen: 53.567 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN059719.D  
 Acq: 15 Jan 2020 17:15

Tgt Ion:225 Resp: 75922  
 Ion Ratio Lower Upper  
 225 100  
 223 62.8 31.8 95.3  
 227 64.6 32.1 96.5

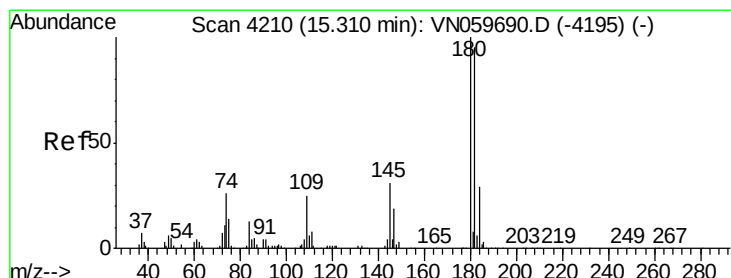
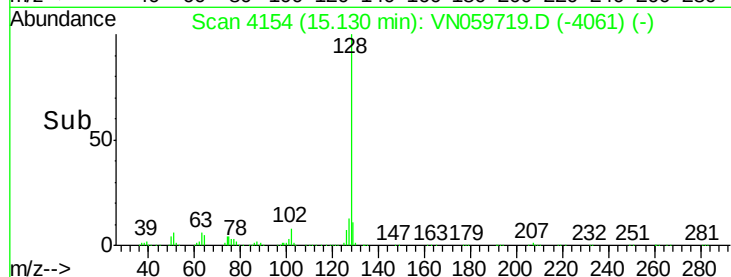
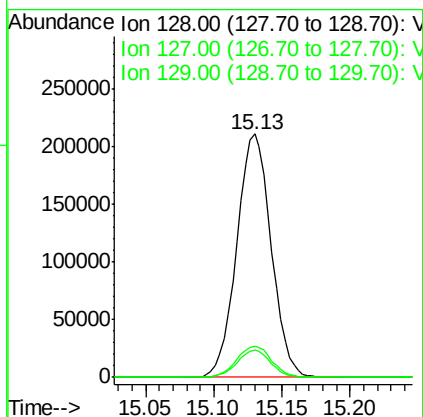
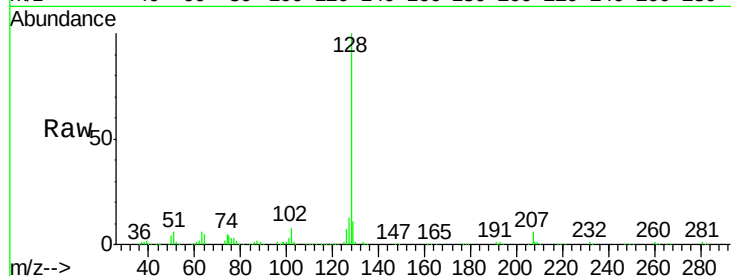




#95  
Naphthalene  
Concen: 50.266 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 367730  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 11.1 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 52.716 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. 0.00 min  
Lab File: VN059719.D  
Acq: 15 Jan 2020 17:15

Tgt Ion:180 Resp: 131972  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.4 142.3  
145 31.5 16.3 48.9

