

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN091119\  
 Data File : VN057861.D  
 Acq On : 10 Sep 2019 14:42  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 11 03:52:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 10 03:02:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 325712   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 527967   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 510344   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 312561   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.01   | 65  | 325997   | 49.42 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.84%  |      |
| 35) Dibromofluoromethane    | 7.57   | 113 | 239483   | 49.15 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.30%  |      |
| 50) Toluene-d8              | 10.08  | 98  | 981110   | 51.86 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.72% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 353157   | 48.98 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.96%  |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 225500  | 50.061  | ug/l | 99     |
| 3) Chloromethane              | 2.03 | 50  | 205665  | 44.797  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 224394  | 46.182  | ug/l | 100    |
| 5) Bromomethane               | 2.54 | 94  | 131746  | 49.320  | ug/l | 96     |
| 6) Chloroethane               | 2.68 | 64  | 145319  | 46.934  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 274495  | 44.891  | ug/l | 98     |
| 8) Diethyl Ether              | 3.39 | 74  | 117467  | 46.059  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 185928  | 48.200  | ug/l | 99     |
| 10) Methyl Iodide             | 3.93 | 142 | 192307  | 44.801  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.76 | 59  | 173793  | 217.662 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 156502  | 45.124  | ug/l | 98     |
| 13) Acrolein                  | 3.58 | 56  | 144006  | 212.585 | ug/l | 100    |
| 14) Allyl chloride            | 4.30 | 41  | 306438  | 45.148  | ug/l | 99     |
| 15) Acrylonitrile             | 4.96 | 53  | 517382  | 235.750 | ug/l | 99     |
| 16) Acetone                   | 3.80 | 43  | 529023  | 244.620 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.02 | 76  | 241980  | 44.844  | ug/l | 99     |
| 18) Methyl Acetate            | 4.30 | 43  | 270901  | 46.981  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.02 | 73  | 705092  | 48.851  | ug/l | 99     |
| 20) Methylene Chloride        | 4.52 | 84  | 216366  | 52.618  | ug/l | 100    |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 169886  | 45.313  | ug/l | 95     |
| 22) Diisopropyl ether         | 5.93 | 45  | 789965  | 49.630  | ug/l | 99     |
| 23) Vinyl Acetate             | 5.87 | 43  | 2905308 | 257.552 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 416961  | 47.931  | ug/l | 99     |
| 25) 2-Butanone                | 6.81 | 43  | 747202  | 238.716 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.81 | 77  | 341724  | 49.638  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 240066  | 47.780  | ug/l | 98     |
| 28) Bromochloromethane        | 7.17 | 49  | 209603  | 48.229  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.19 | 42  | 449063  | 232.823 | ug/l | 100    |
| 30) Chloroform                | 7.35 | 83  | 436580  | 47.999  | ug/l | 97     |
| 31) Cyclohexane               | 7.63 | 56  | 302799  | 51.129  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 351140  | 48.676  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 287183  | 46.902  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.91 | 43  | 287458  | 45.439  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 277820  | 49.697  | ug/l | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 11 03:52:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 10 03:02:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 303324   | 47.124  | ug/l   | 99       |
| 40) Benzene                    | 8.03  | 78   | 897536   | 48.688  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.19  | 41   | 431123   | 150.129 | ug/l # | 16       |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 363348   | 49.284  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.15  | 43   | 531225   | 49.934  | ug/l # | 90       |
| 44) Trichloroethene            | 8.82  | 130  | 218590   | 48.346  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 268873   | 50.125  | ug/l   | 96       |
| 46) Dibromomethane             | 9.20  | 93   | 160564   | 49.535  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.39  | 83   | 336977   | 52.061  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.19  | 41   | 262283   | 48.601  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.19  | 88   | 82721    | 906.417 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 1603756  | 254.741 | ug/l   | 100      |
| 52) Toluene                    | 10.15 | 92   | 582542   | 50.173  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 362028   | 53.113  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 388634   | 51.642  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 247094   | 50.241  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 372946   | 50.356  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 421441   | 49.723  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 893778   | 256.225 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1197130  | 253.693 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 241621   | 52.906  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 234616   | 50.459  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 176081   | 46.729  | ug/l   | 100      |
| 65) Chlorobenzene              | 11.43 | 112  | 649679   | 48.643  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 233274   | 50.334  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1187278  | 50.723  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 868402   | 101.283 | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 428292   | 50.246  | ug/l   | 97       |
| 70) Styrene                    | 11.97 | 104  | 769156   | 52.433  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 146921   | 50.848  | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.25 | 105  | 1206479  | 49.744  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 503711   | 47.721  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 370722   | 45.397  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 454094   | 64.222  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 280953   | 46.462  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 1437467  | 51.613  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 843041   | 47.893  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.74 | 105  | 1047698  | 51.125  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 99161    | 49.352  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 891417   | 49.313  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.00 | 119  | 895050   | 49.134  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1069080  | 51.329  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.18 | 105  | 1240599  | 51.383  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1125948  | 52.927  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 544738   | 49.079  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 550453   | 48.858  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 1066301  | 53.076  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 165892   | 52.434  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 542169   | 48.894  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.28 | 75   | 65057    | 48.240  | ug/l   | 98       |

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Acq On : 10 Sep 2019 14:42  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

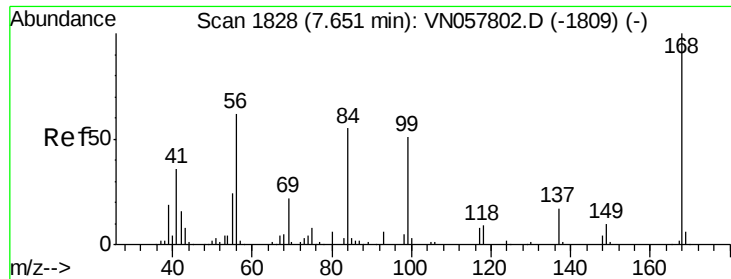
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Sep 11 03:52:36 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 10 03:02:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 338113   | 46.651 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 150183   | 48.882 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 931646   | 50.947 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 316769   | 50.062 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

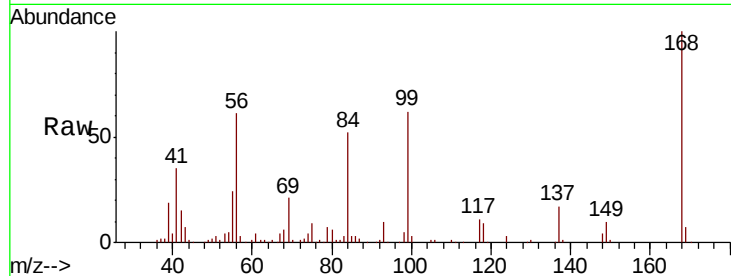
VSTDCCC050

Tgt Ion: 168 Resp: 325712

Ion Ratio Lower Upper

168 100

99 61.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

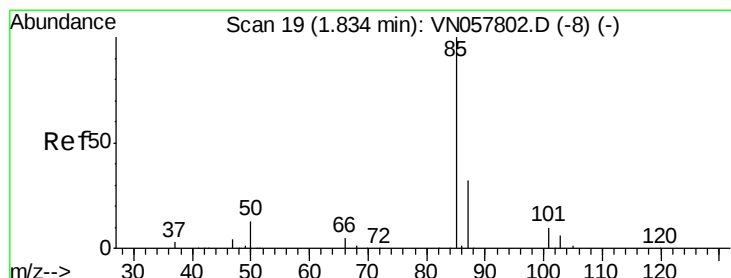
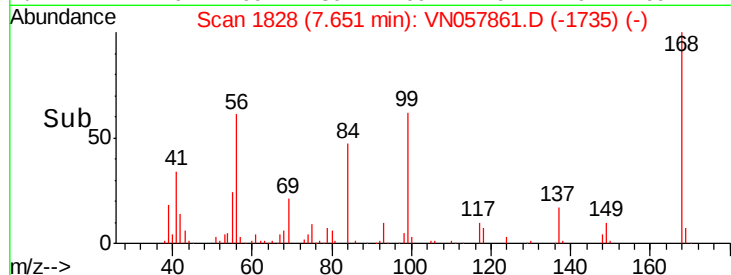
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.061 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057861.D

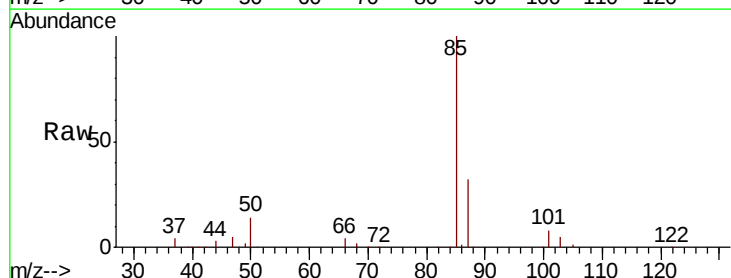
Acq: 10 Sep 2019 14:42

Tgt Ion: 85 Resp: 225500

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

150000

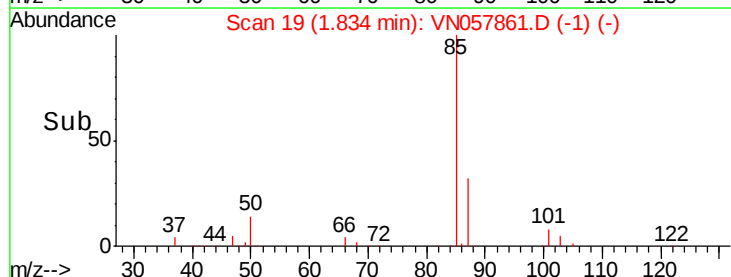
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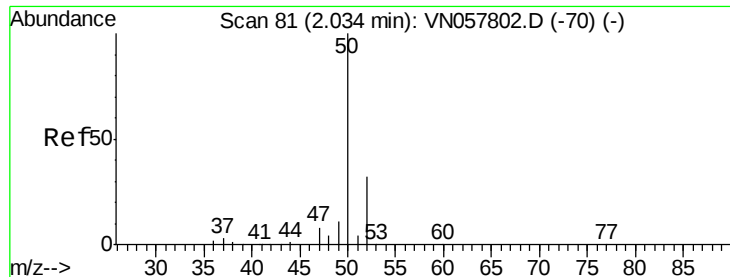
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 44.797 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

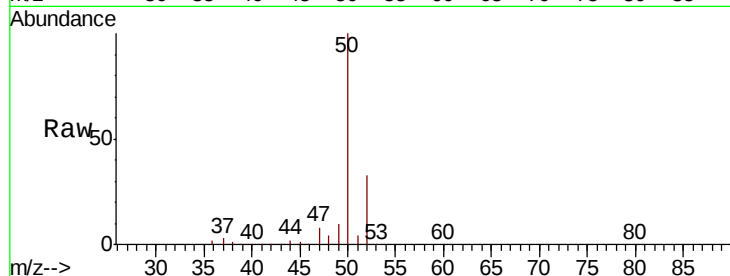
VSTDCCC050

Tgt Ion: 50 Resp: 205665

Ion Ratio Lower Upper

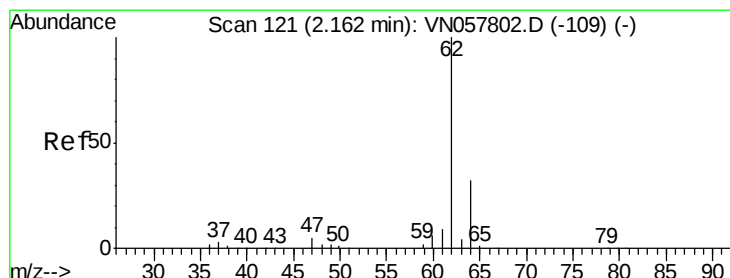
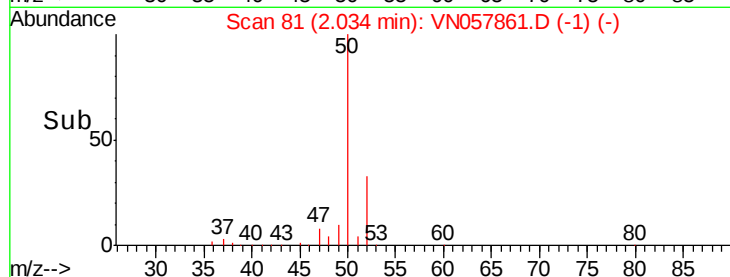
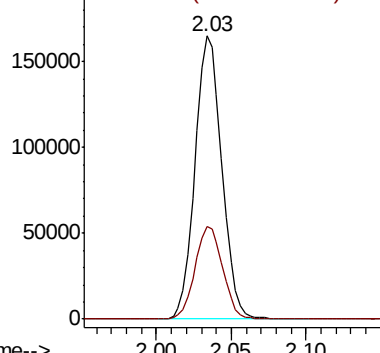
50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.182 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057861.D

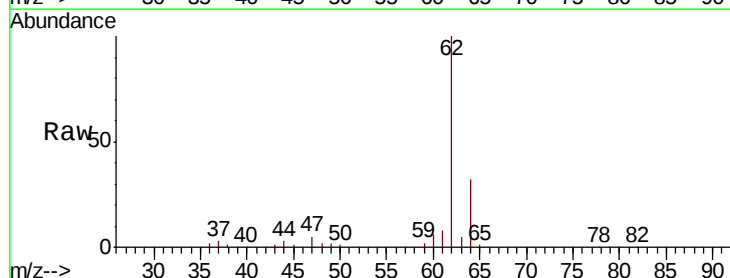
Acq: 10 Sep 2019 14:42

Tgt Ion: 62 Resp: 224394

Ion Ratio Lower Upper

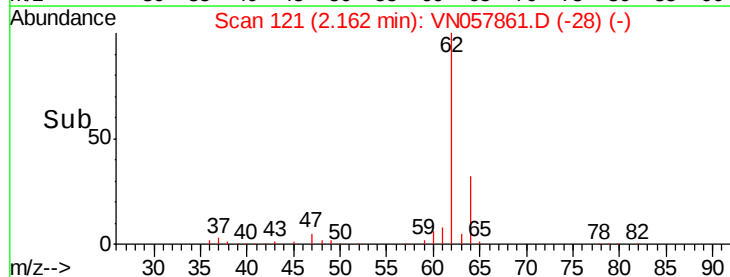
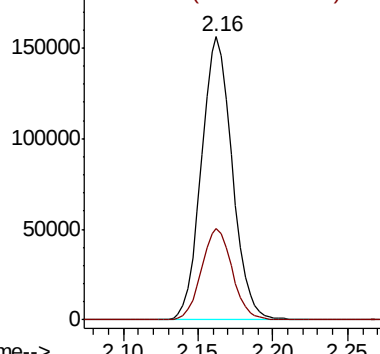
62 100

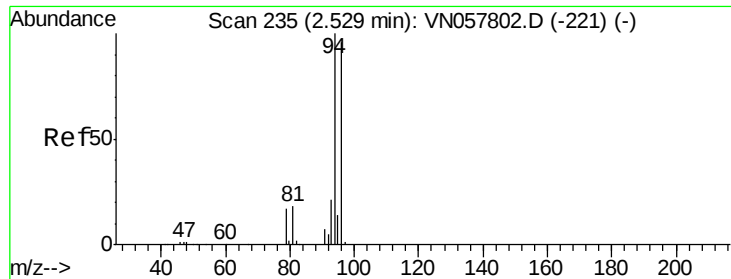
64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 49.320 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

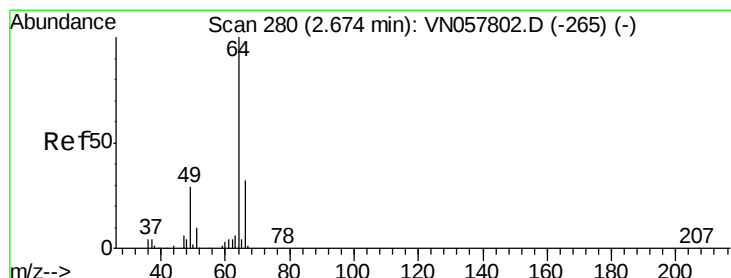
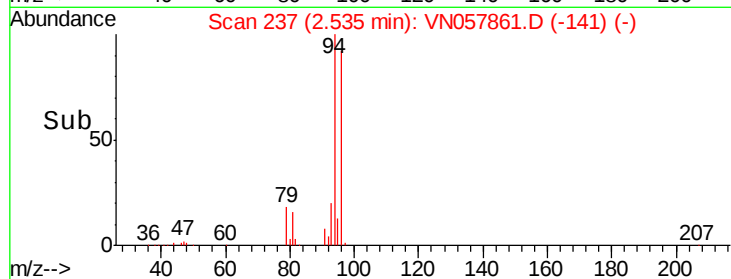
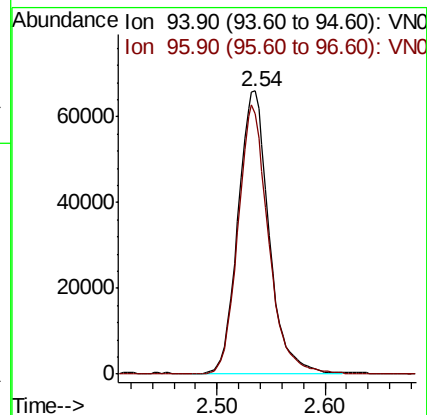
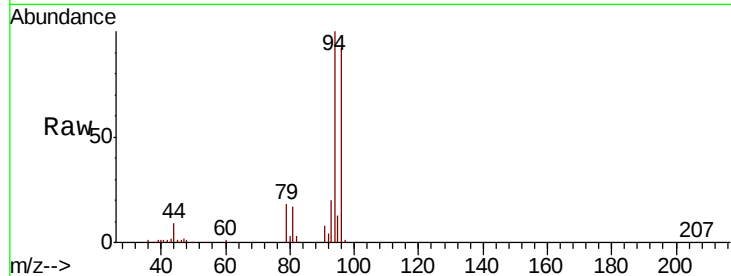
VSTDCCC050

Tgt Ion: 94 Resp: 131746

Ion Ratio Lower Upper

94 100

96 92.0 77.0 115.4



#6

Chloroethane

Concen: 46.934 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057861.D

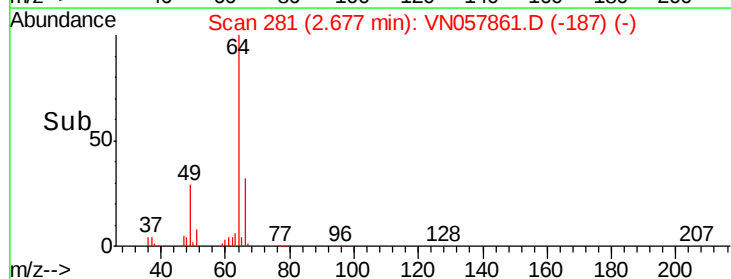
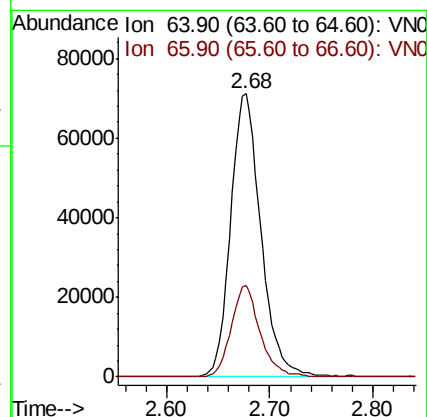
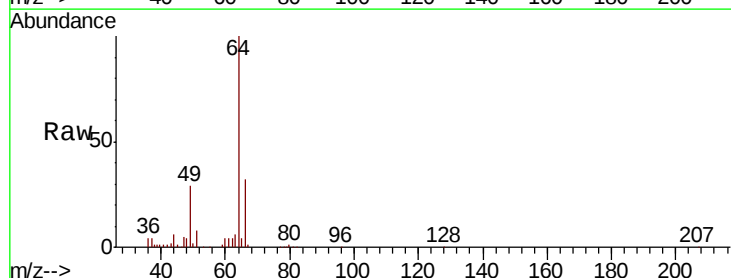
Acq: 10 Sep 2019 14:42

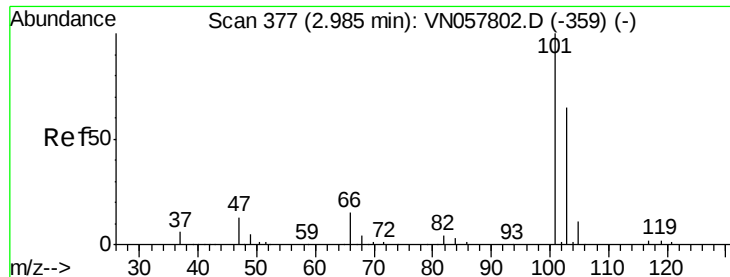
Tgt Ion: 64 Resp: 145319

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



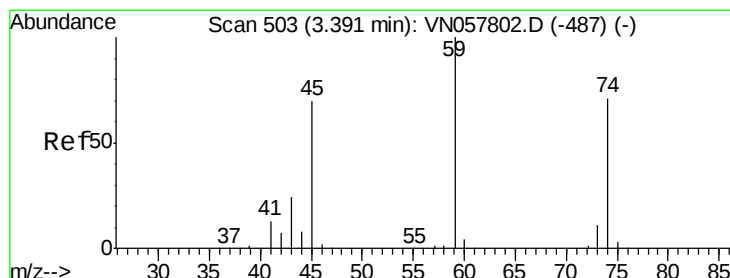
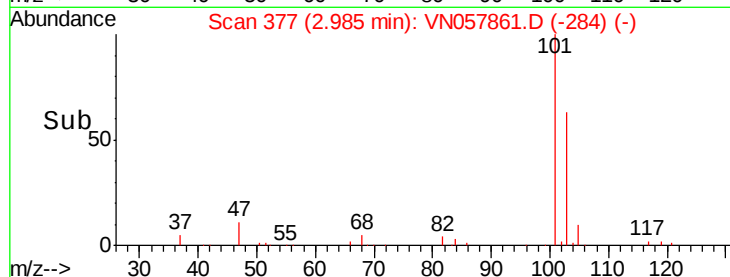
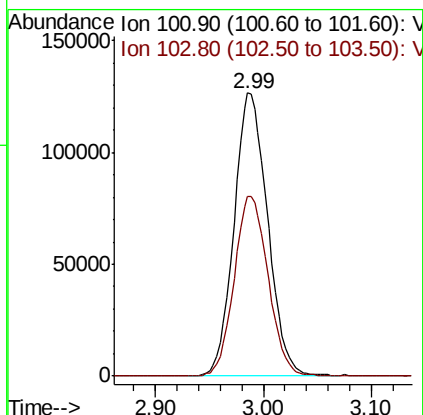
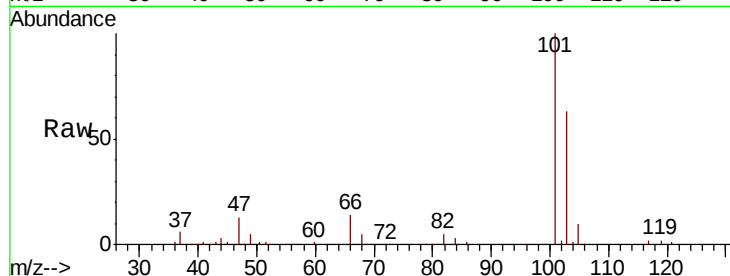


#7

Trichlorofluoromethane  
 Concen: 44.891 ug/l  
 RT: 2.99 min Scan# 377  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

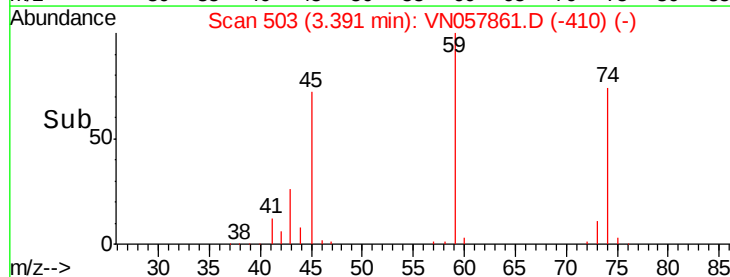
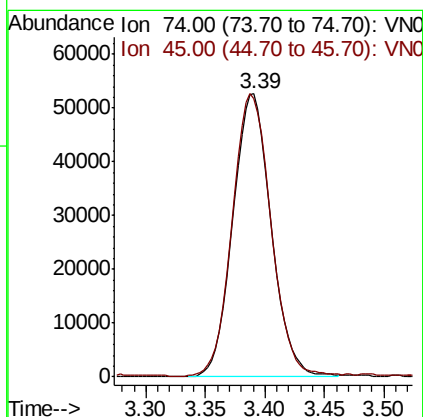
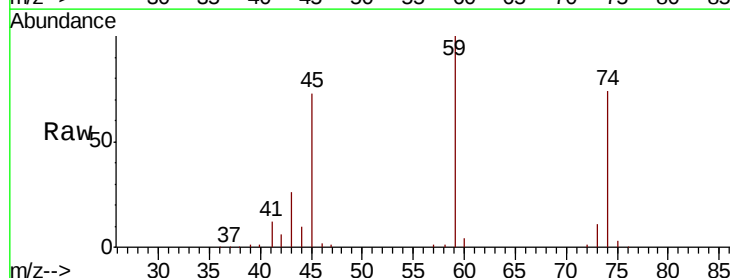
Tgt Ion: 101 Resp: 274495  
 Ion Ratio Lower Upper  
 101 100  
 103 63.4 51.9 77.9

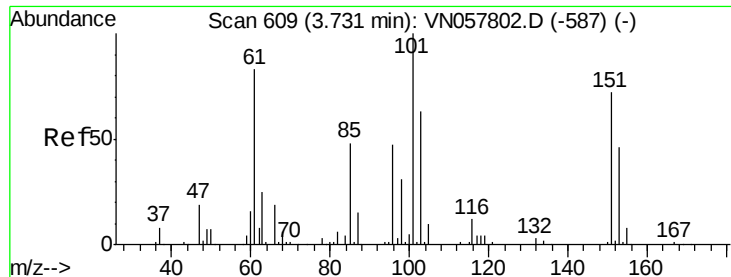


#8

Diethyl Ether  
 Concen: 46.059 ug/l  
 RT: 3.39 min Scan# 503  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion: 74 Resp: 117467  
 Ion Ratio Lower Upper  
 74 100  
 45 101.6 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.200 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

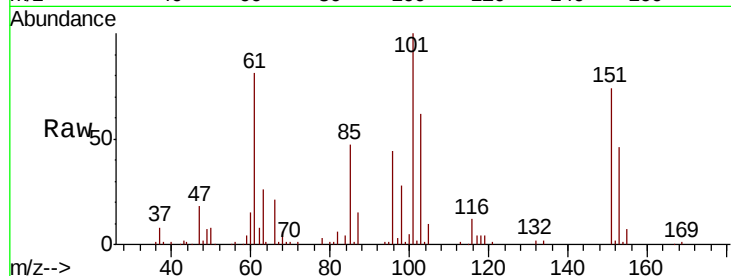
Tgt Ion:101 Resp: 185928

Ion Ratio Lower Upper

101 100

85 47.6 38.1 57.1

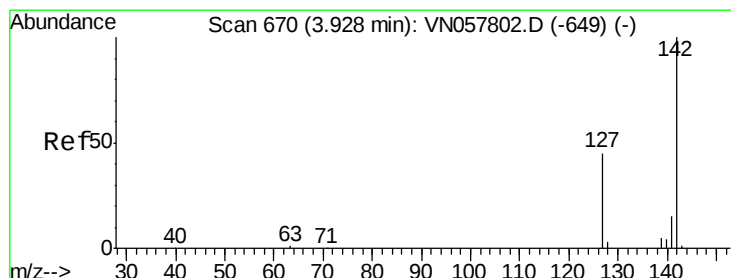
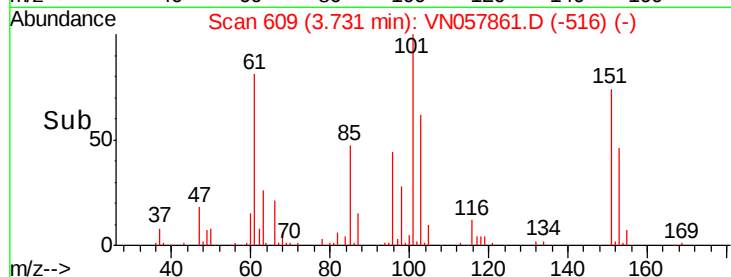
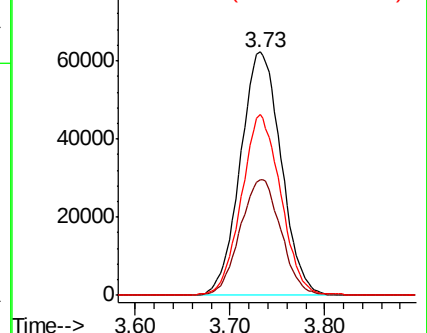
151 71.6 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.801 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

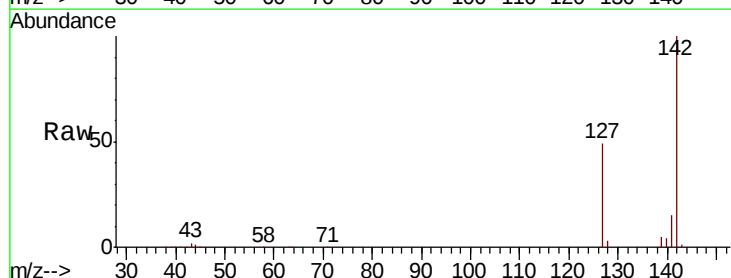
Tgt Ion:142 Resp: 192307

Ion Ratio Lower Upper

142 100

127 47.0 36.7 55.1

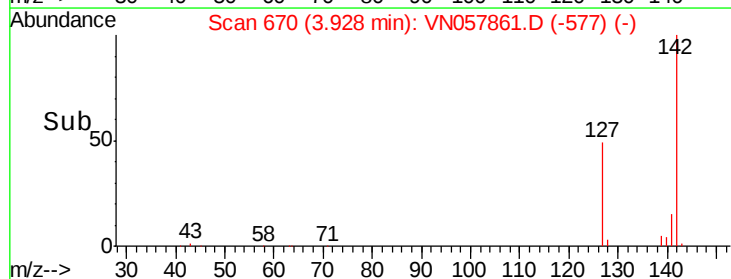
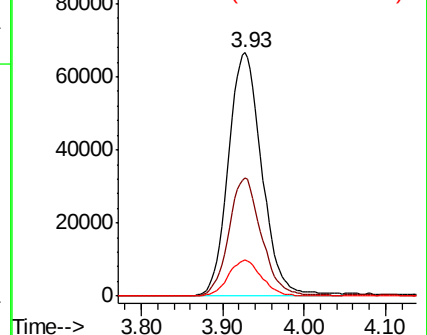
141 14.6 11.4 17.0

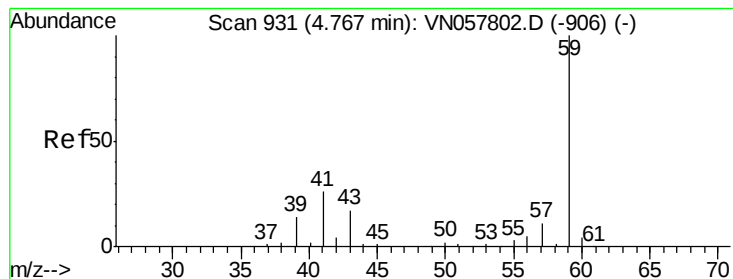


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



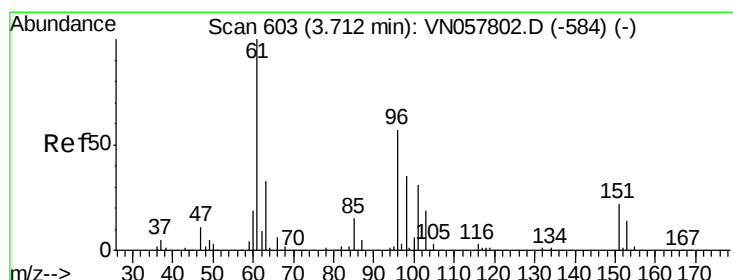
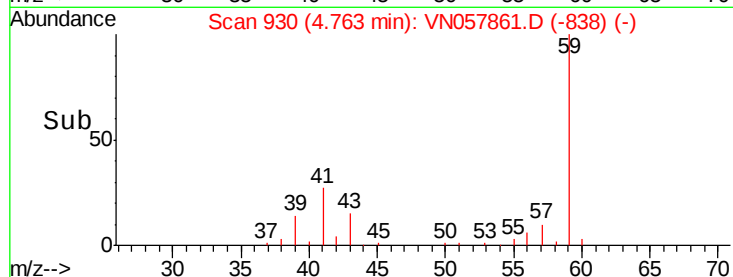
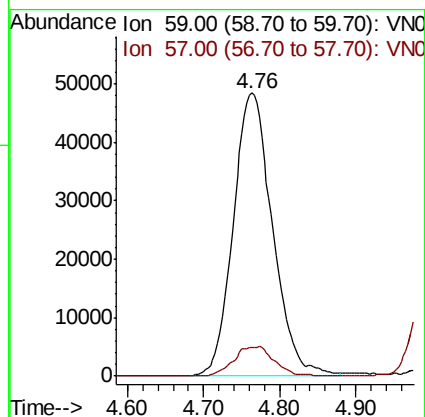
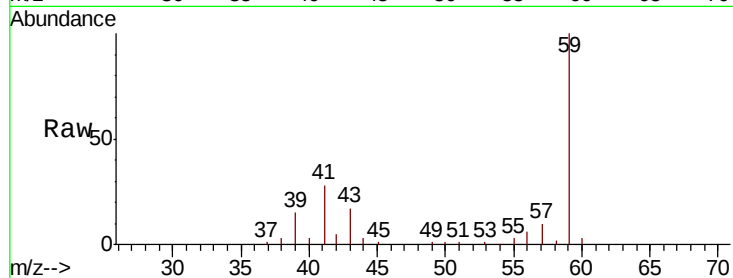


#11

Tert butyl alcohol  
Concen: 217.662 ug/l  
RT: 4.76 min Scan# 930  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

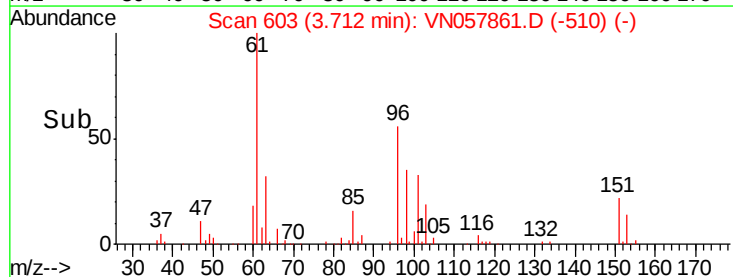
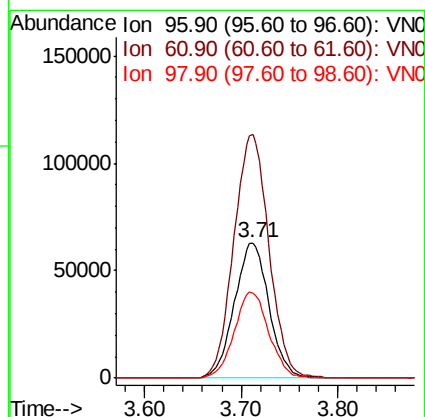
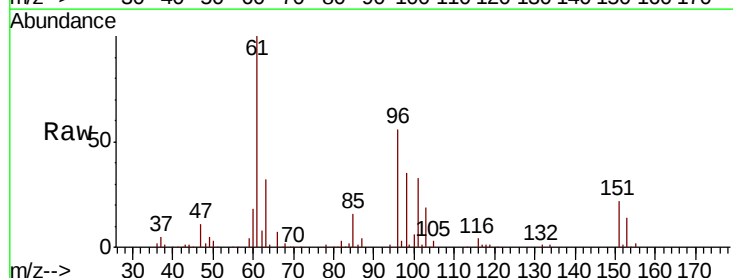
Tgt Ion: 59 Resp: 173793  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.4 12.6

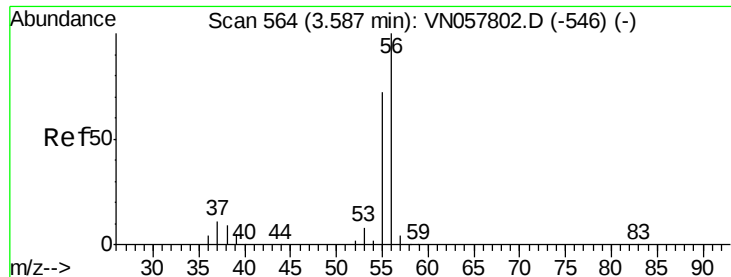


#12

1,1-Dichloroethene  
Concen: 45.124 ug/l  
RT: 3.71 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 96 Resp: 156502  
Ion Ratio Lower Upper  
96 100  
61 180.1 141.2 211.8  
98 63.2 49.9 74.9





#13

Acrolein

Concen: 212.585 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

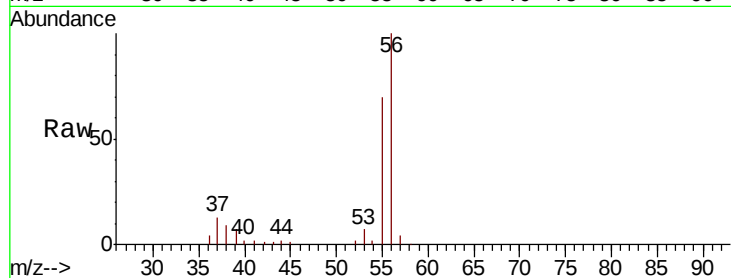
VSTDCCC050

Tgt Ion: 56 Resp: 144006

Ion Ratio Lower Upper

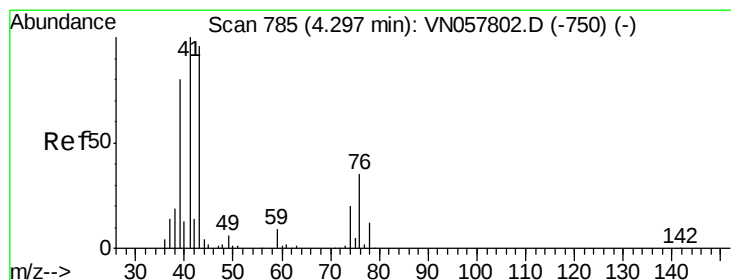
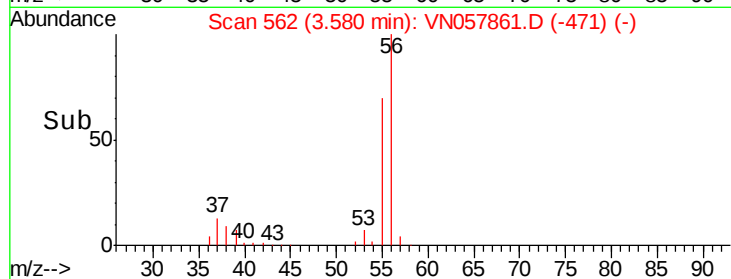
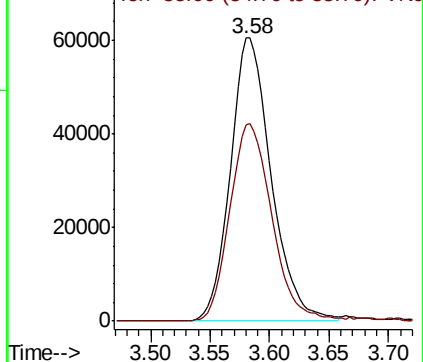
56 100

55 71.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.148 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

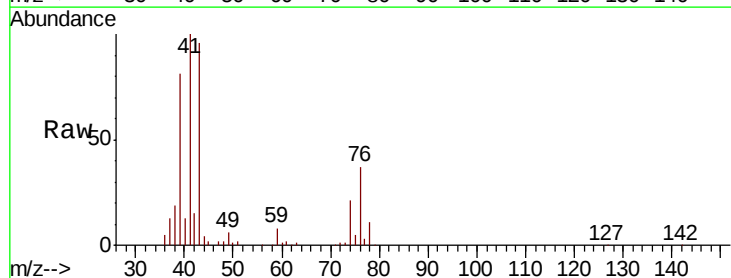
Tgt Ion: 41 Resp: 306438

Ion Ratio Lower Upper

41 100

39 75.1 59.4 89.2

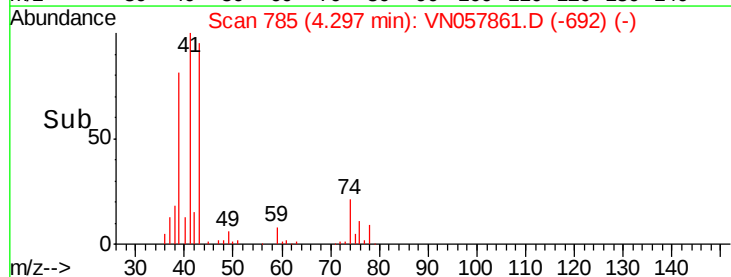
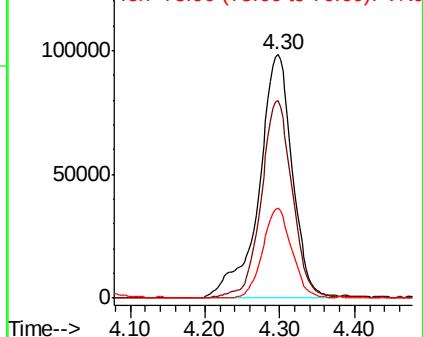
76 32.1 26.0 39.0

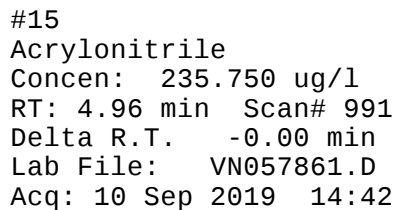


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

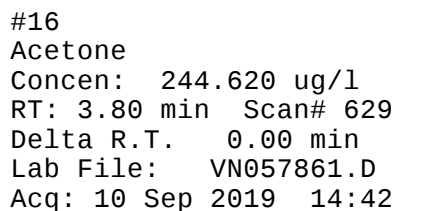
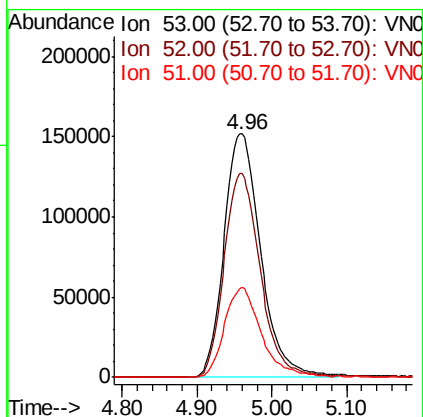
Ion 75.90 (75.60 to 76.60): VN0



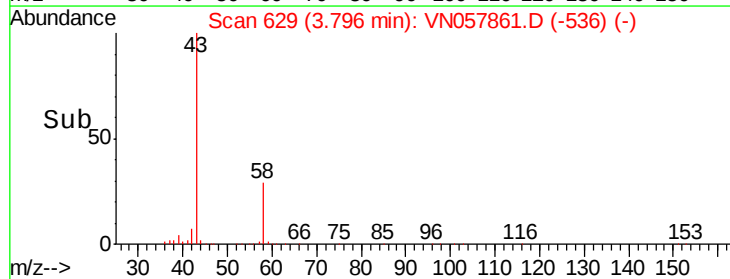
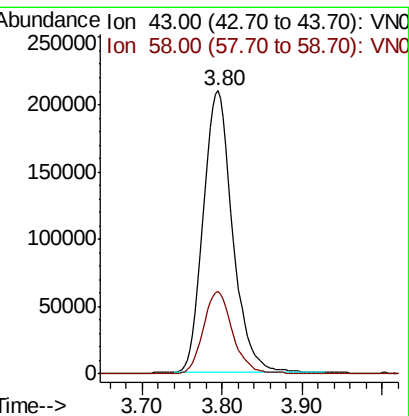
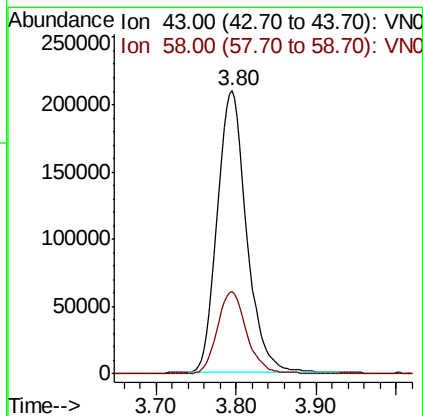


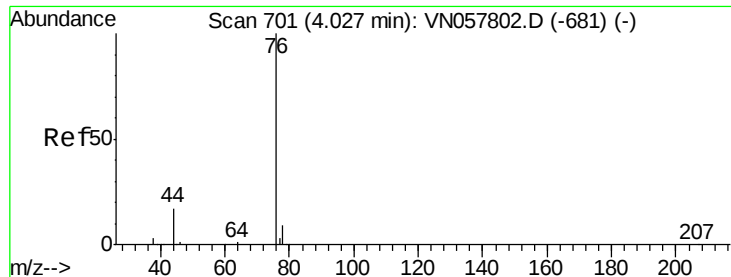
**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
VSTDCCC050

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 53 | Resp: | 517382 |
| Ion | Ratio   | Lower | Upper  |
| 53  | 100     |       |        |
| 52  | 82.4    | 66.6  | 100.0  |
| 51  | 37.1    | 29.8  | 44.8   |



|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 43 | Resp: | 529023 |
| Ion | Ratio   | Lower | Upper  |
| 43  | 100     |       |        |
| 58  | 29.0    | 22.2  | 33.2   |

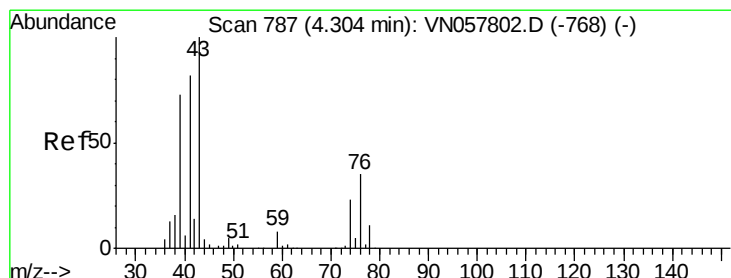
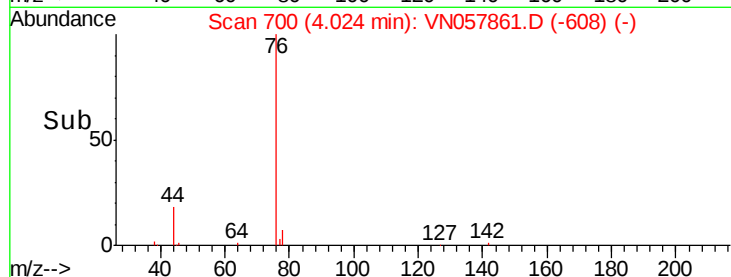
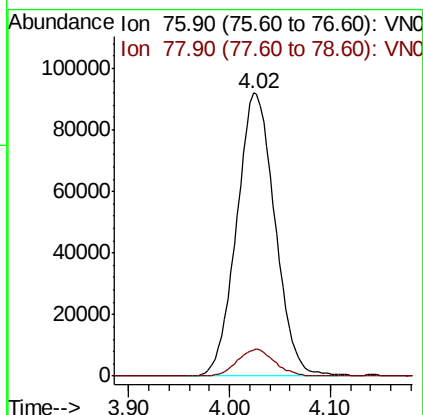
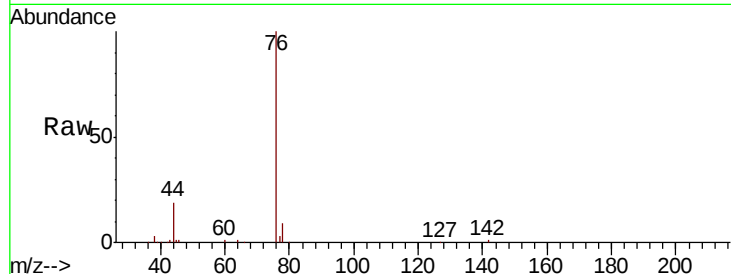




#17  
Carbon Disulfide  
Concen: 44.844 ug/l  
RT: 4.02 min Scan# 700  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

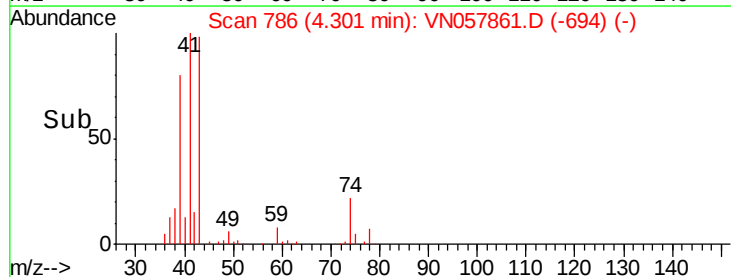
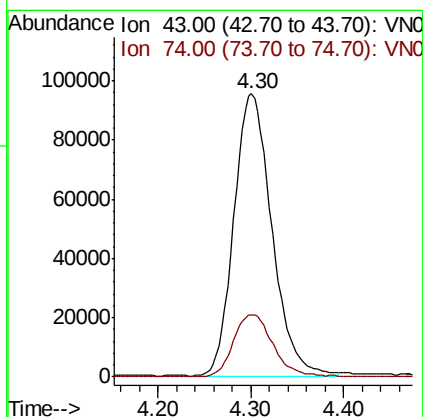
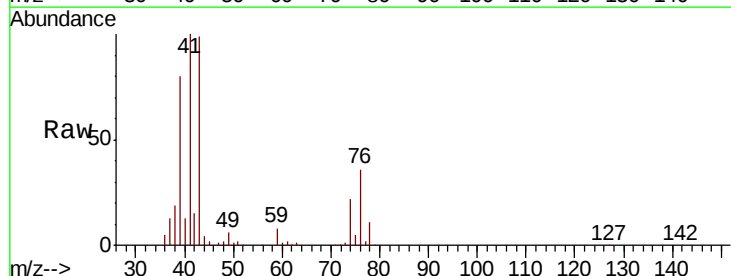
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

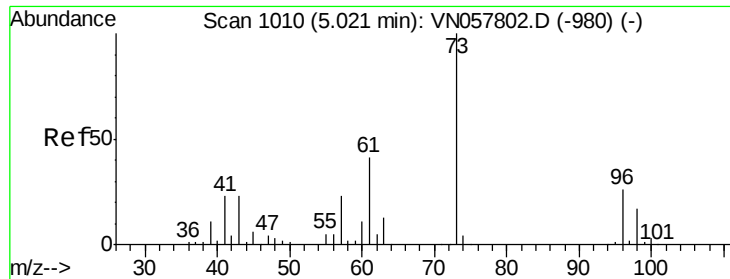
Tgt Ion: 76 Resp: 241980  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.1 10.7



#18  
Methyl Acetate  
Concen: 46.981 ug/l  
RT: 4.30 min Scan# 786  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 43 Resp: 270901  
Ion Ratio Lower Upper  
43 100  
74 22.8 17.9 26.9

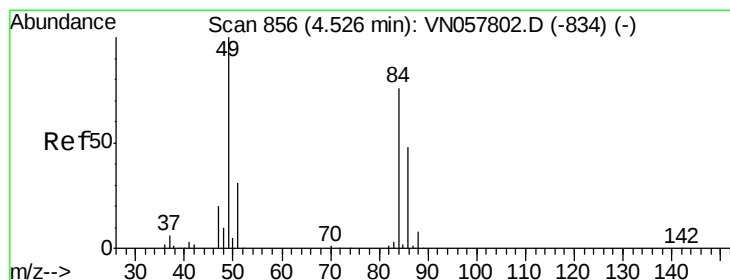
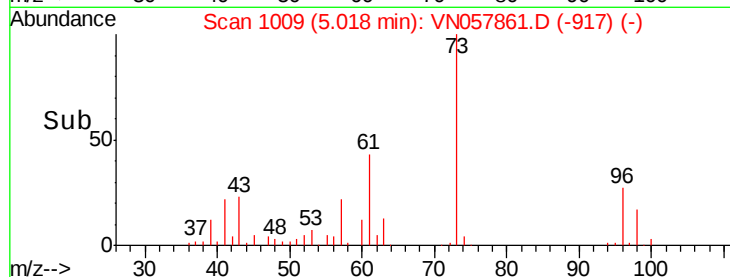
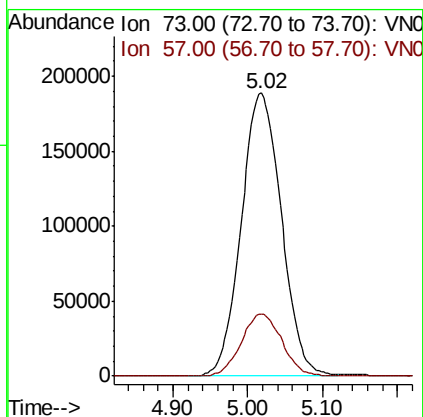
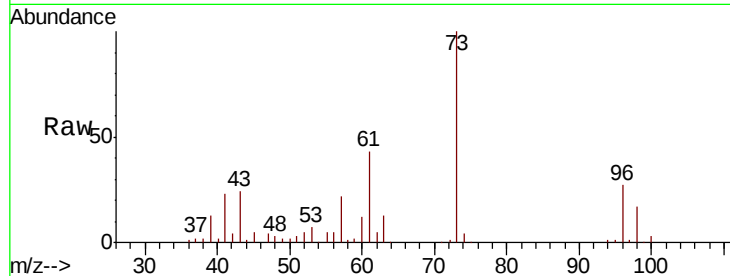




#19  
Methyl tert-butyl Ether  
Concen: 48.851 ug/l  
RT: 5.02 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

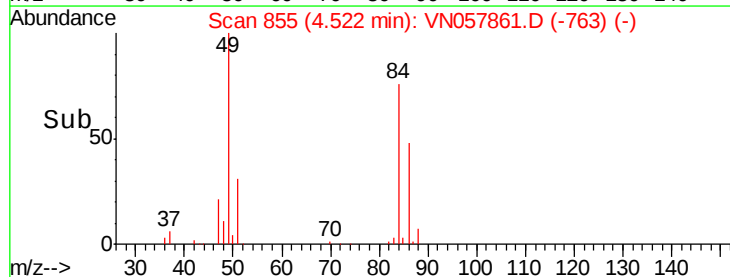
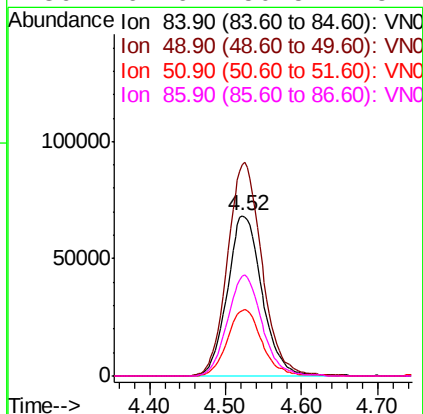
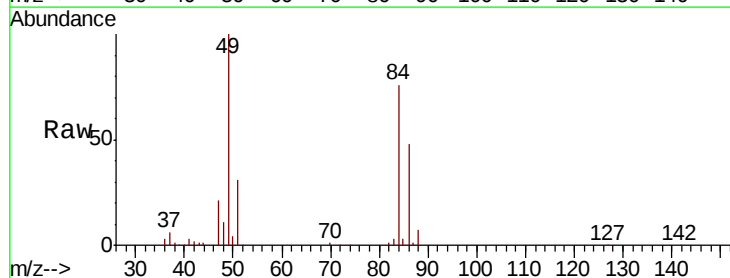
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

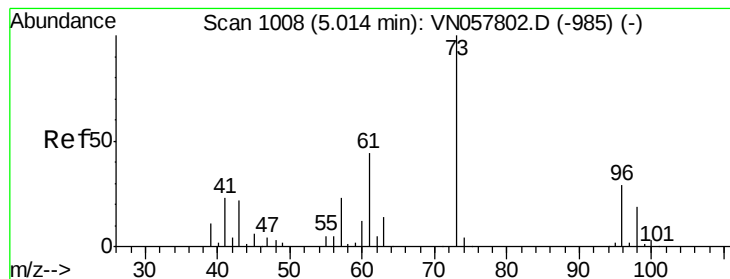
Tgt Ion: 73 Resp: 705092  
Ion Ratio Lower Upper  
73 100  
57 22.1 18.2 27.2



#20  
Methylene Chloride  
Concen: 52.618 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 84 Resp: 216366  
Ion Ratio Lower Upper  
84 100  
49 131.4 104.8 157.2  
51 41.0 33.0 49.4  
86 62.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 45.313 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

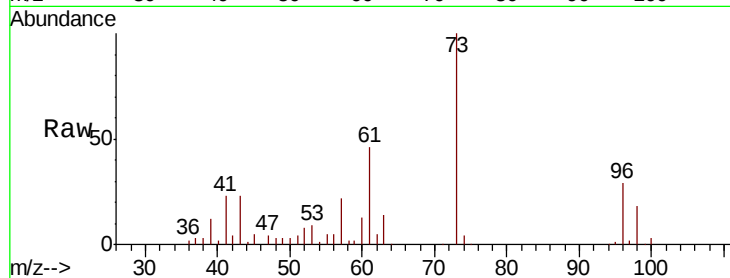
Tgt Ion: 96 Resp: 169886

Ion Ratio Lower Upper

96 100

61 160.6 121.9 182.9

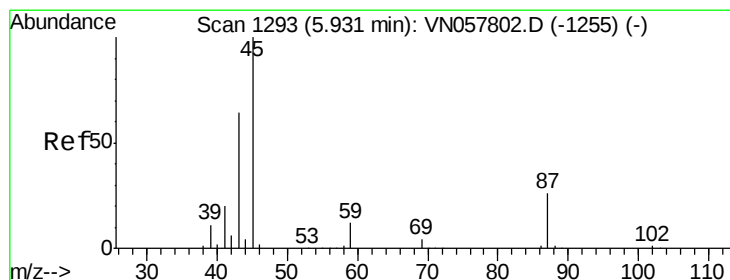
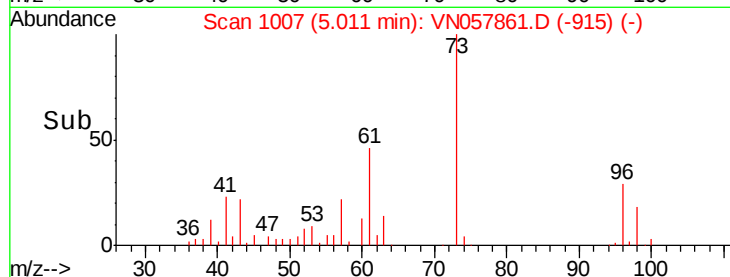
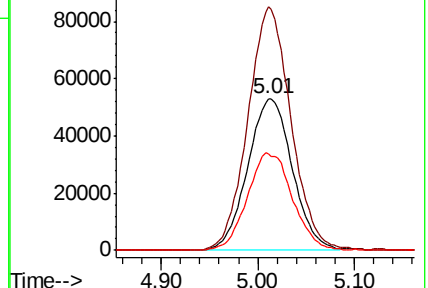
98 63.2 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VN057802.D (-985) (-)

Ion 60.90 (60.60 to 61.60): VN057802.D (-985) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-985) (-)



#22

Diisopropyl ether

Concen: 49.630 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Tgt Ion: 45 Resp: 789965

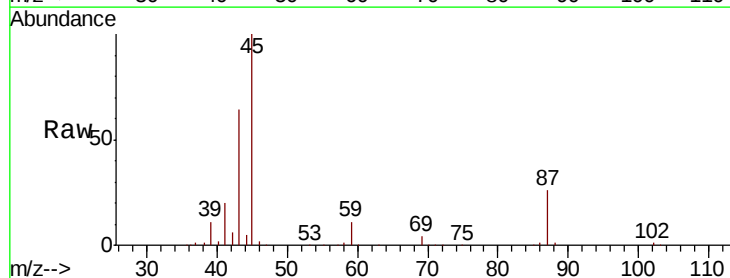
Ion Ratio Lower Upper

45 100

43 63.2 51.4 77.2

87 25.8 21.3 31.9

59 11.1 9.3 13.9

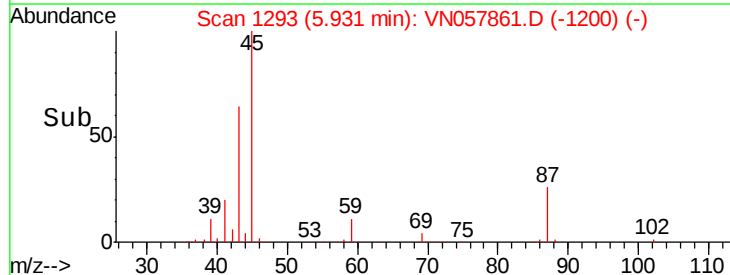
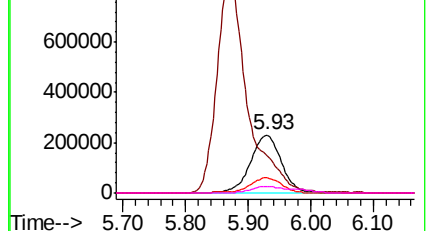


Abundance Ion 45.00 (44.70 to 45.70): VN057802.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN057802.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN057802.D (-1255) (-)

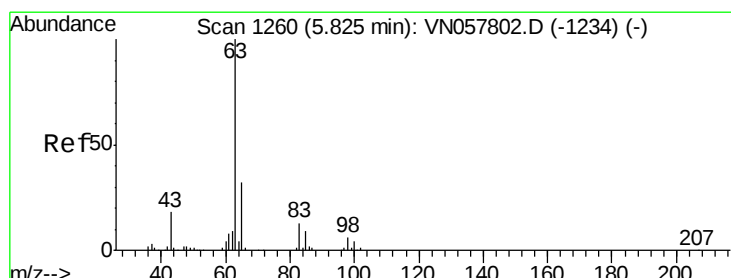
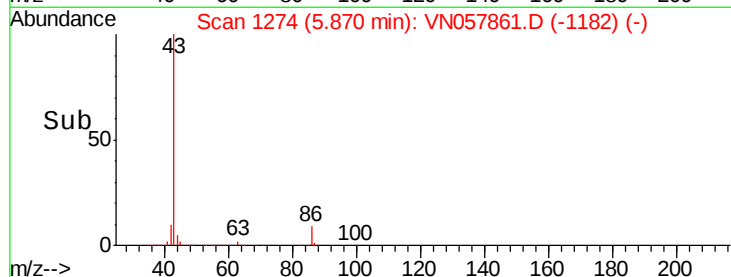
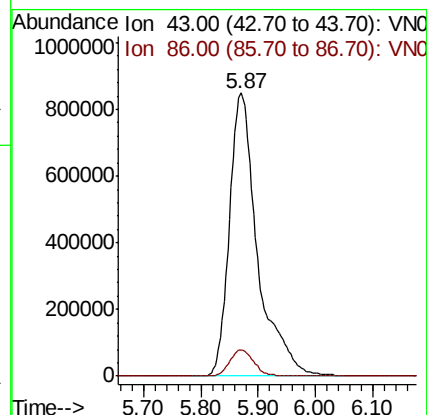
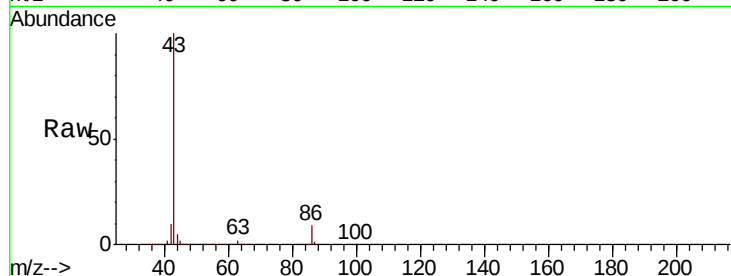




#23  
 Vinyl Acetate  
 Concen: 257.552 ug/l  
 RT: 5.87 min Scan# 1274  
 Delta R.T. -0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

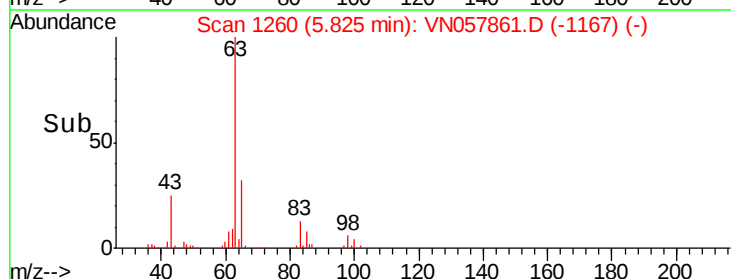
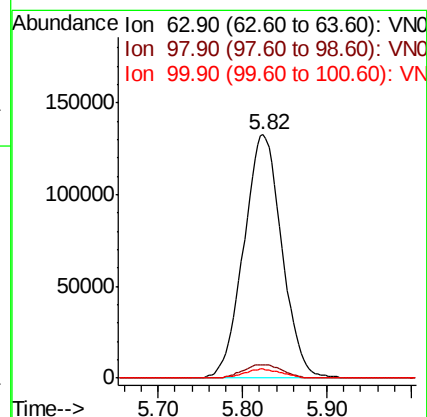
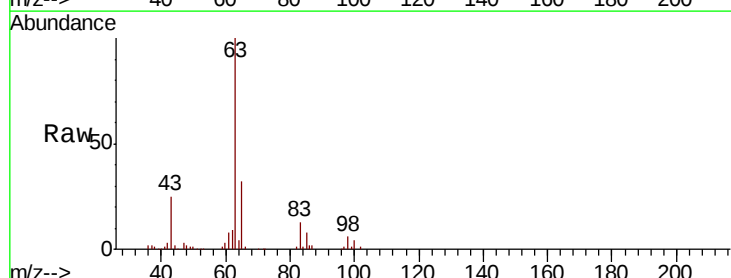
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

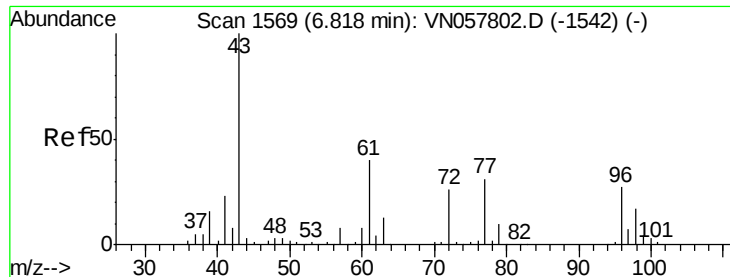
Tgt Ion: 43 Resp: 2905308  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.7 11.5



#24  
 1,1-Dichloroethane  
 Concen: 47.931 ug/l  
 RT: 5.82 min Scan# 1260  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion: 63 Resp: 416961  
 Ion Ratio Lower Upper  
 63 100  
 98 5.6 3.0 9.2  
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 238.716 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

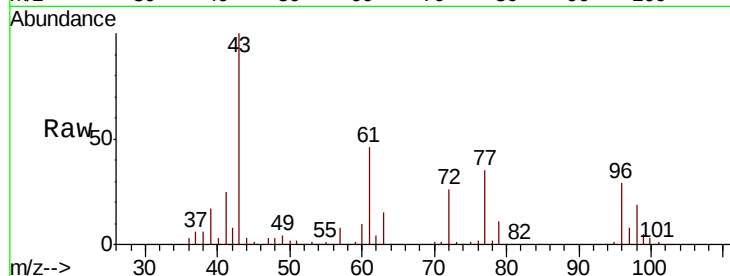
VSTDCCC050

Tgt Ion: 43 Resp: 747202

Ion Ratio Lower Upper

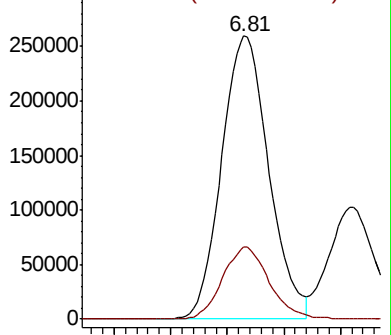
43 100

72 25.7 20.6 30.8

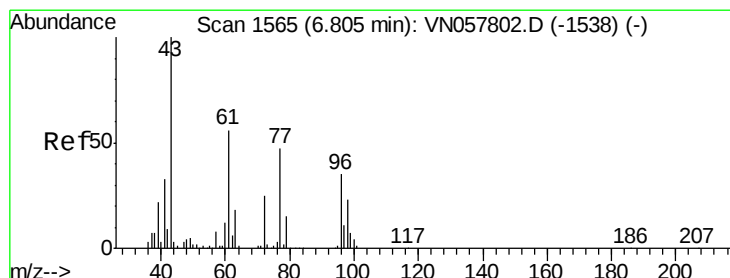
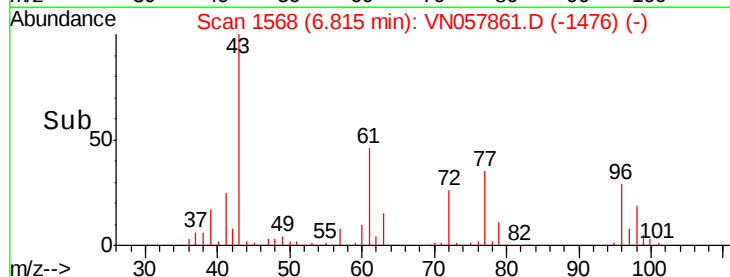


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 49.638 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057861.D

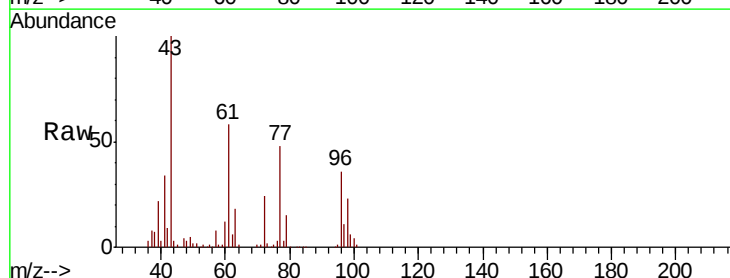
Acq: 10 Sep 2019 14:42

Tgt Ion: 77 Resp: 341724

Ion Ratio Lower Upper

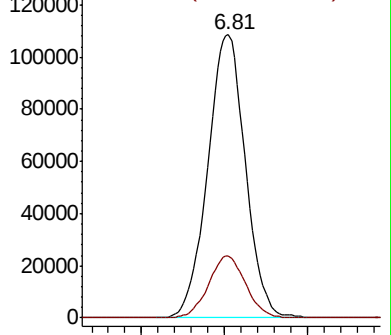
77 100

97 21.7 11.1 33.3

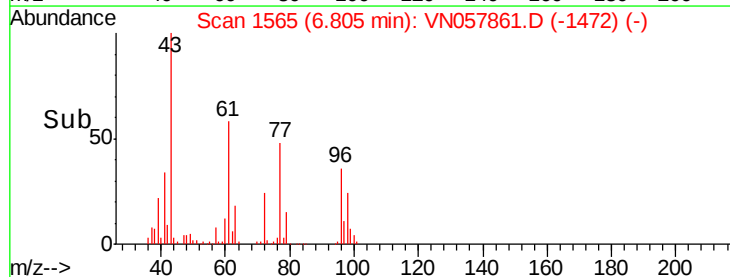


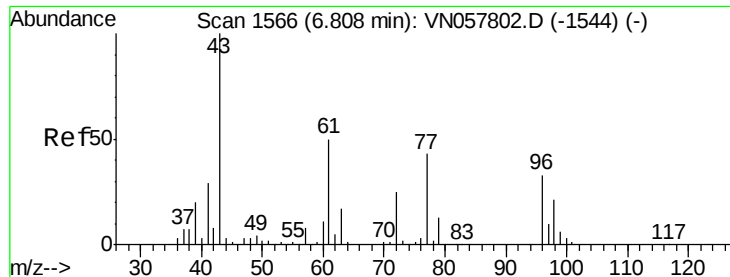
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.780 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

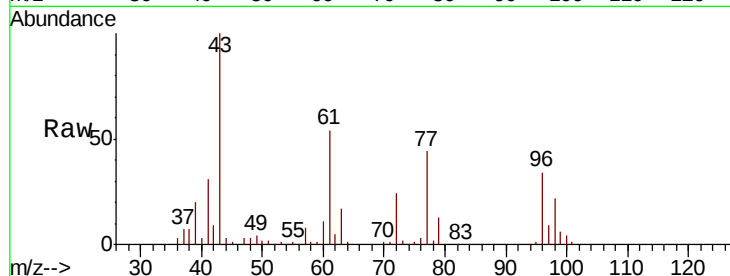
Tgt Ion: 96 Resp: 240066

Ion Ratio Lower Upper

96 100

61 159.5 0.0 314.0

98 63.6 0.0 128.6

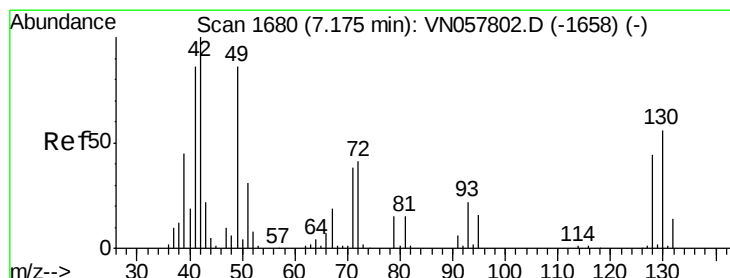
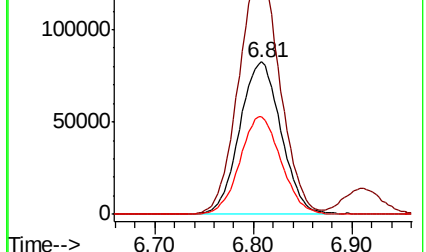
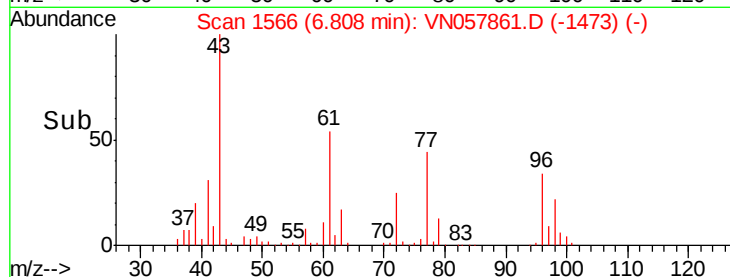


Abundance Ion 95.90 (95.60 to 96.60): VN057802.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN057802.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1544) (-)

Time-->



#28

Bromochloromethane

Concen: 48.229 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

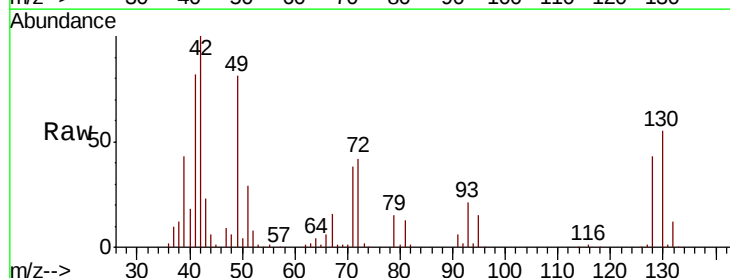
Tgt Ion: 49 Resp: 209603

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

130 68.5 53.0 79.6

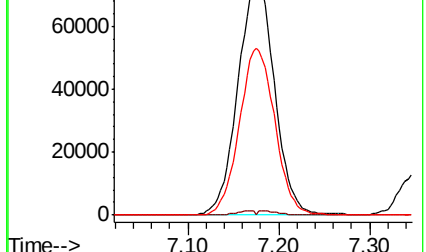
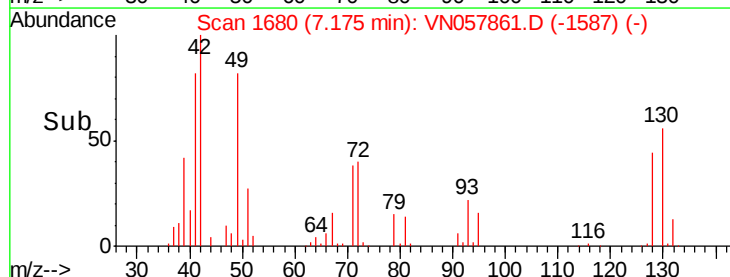


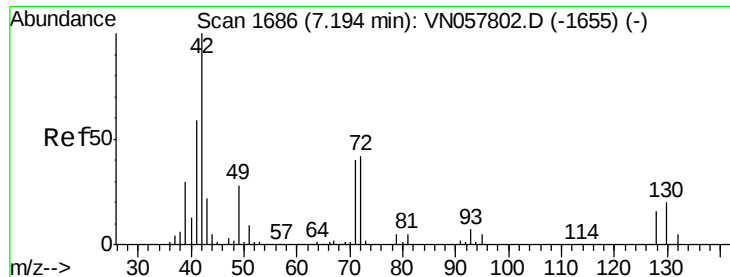
Abundance Ion 48.90 (48.60 to 49.60): VN057802.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN057802.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN057802.D (-1658) (-)

Time-->





#29

Tetrahydrofuran

Concen: 232.823 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

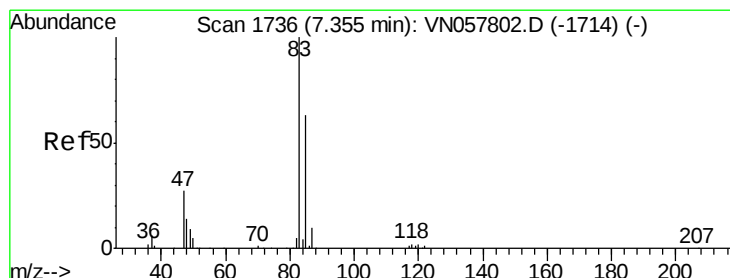
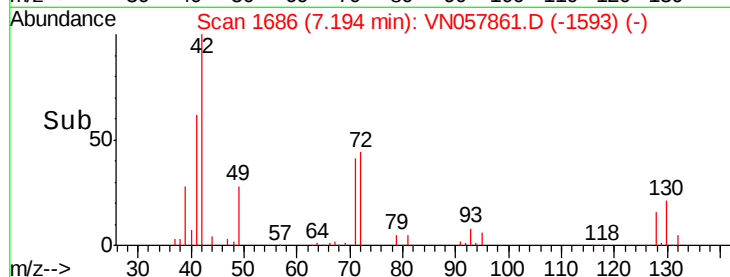
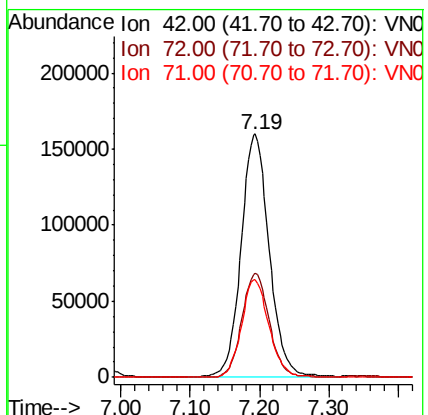
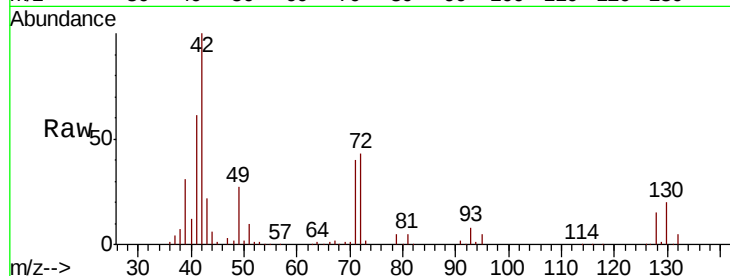
Tgt Ion: 42 Resp: 449063

Ion Ratio Lower Upper

42 100

72 42.0 33.7 50.5

71 39.4 31.9 47.9



#30

Chloroform

Concen: 47.999 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN057861.D

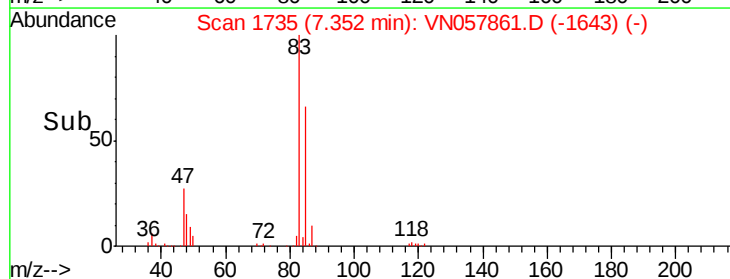
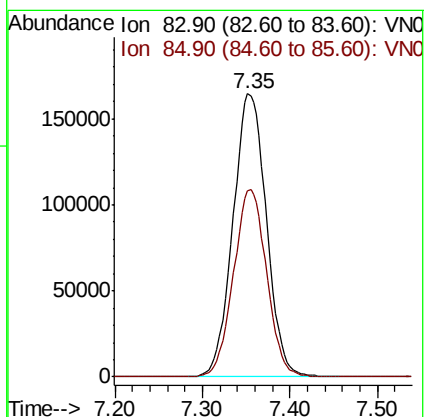
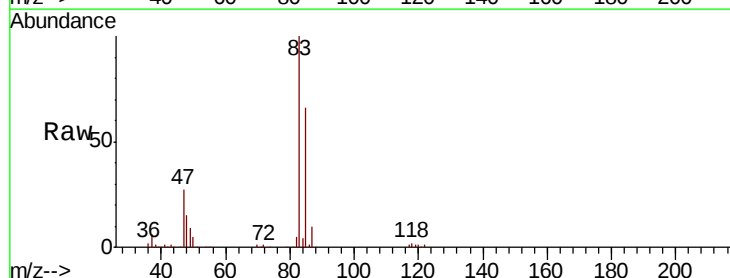
Acq: 10 Sep 2019 14:42

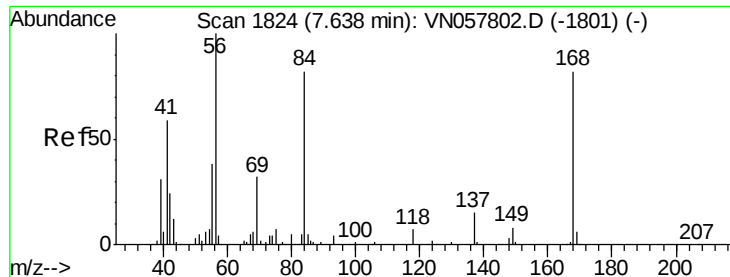
Tgt Ion: 83 Resp: 436580

Ion Ratio Lower Upper

83 100

85 65.9 50.6 75.8

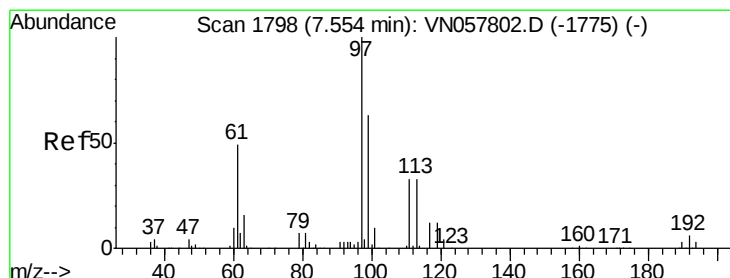
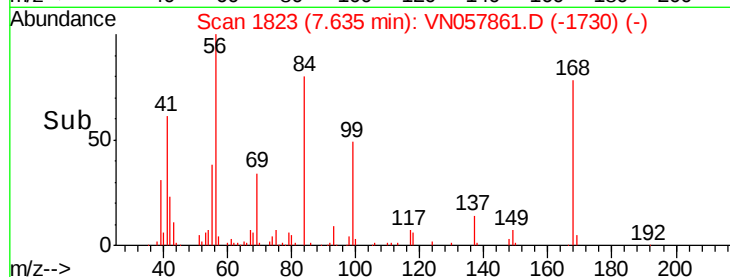
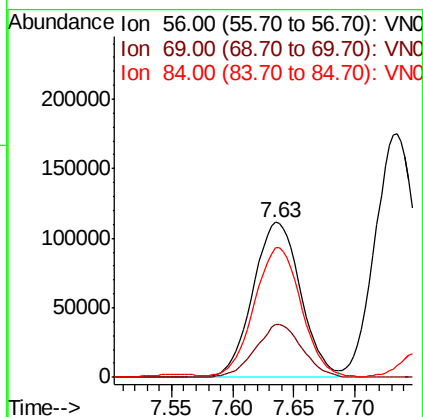
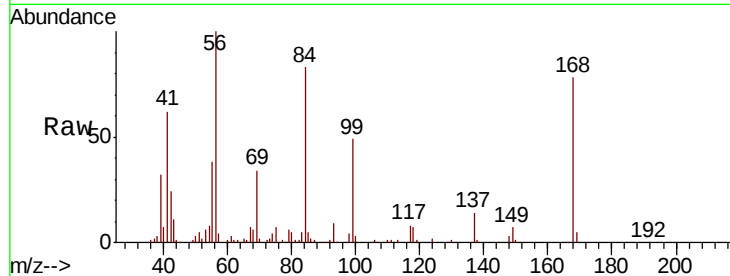




#31  
Cyclohexane  
Concen: 51.129 ug/l  
RT: 7.63 min Scan# 1823  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

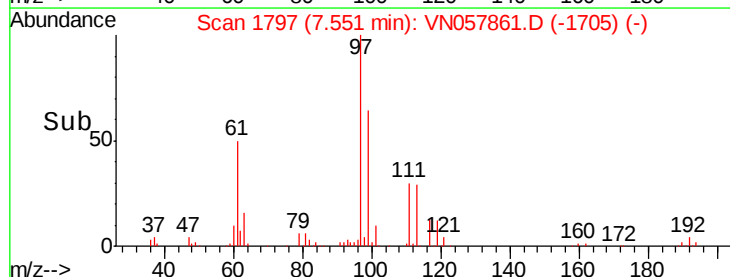
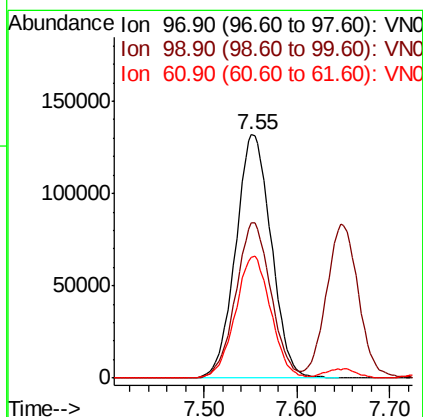
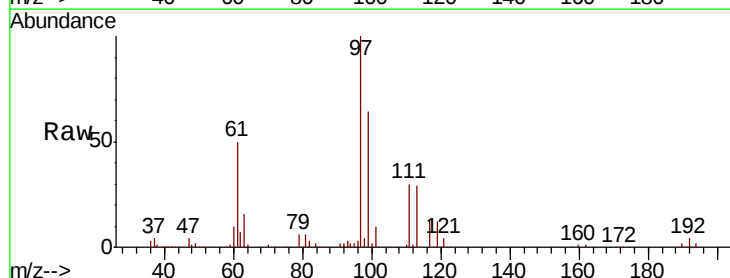
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 302799  
Ion Ratio Lower Upper  
56 100  
69 34.2 25.9 38.9  
84 81.7 65.6 98.4



#32  
1,1,1-Trichloroethane  
Concen: 48.676 ug/l  
RT: 7.55 min Scan# 1797  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 97 Resp: 351140  
Ion Ratio Lower Upper  
97 100  
99 63.3 51.0 76.4  
61 49.8 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 49.416 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

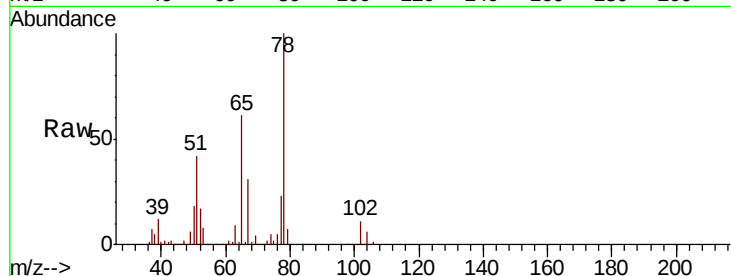
VSTDCCC050

Tgt Ion: 65 Resp: 325997

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

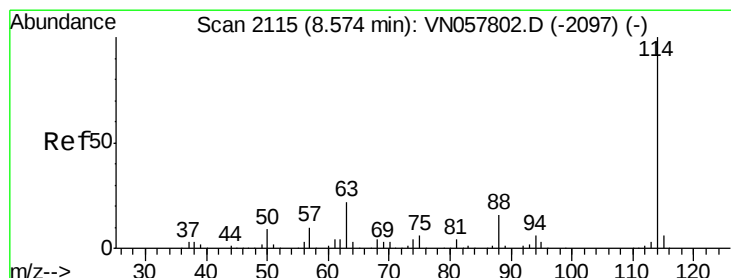
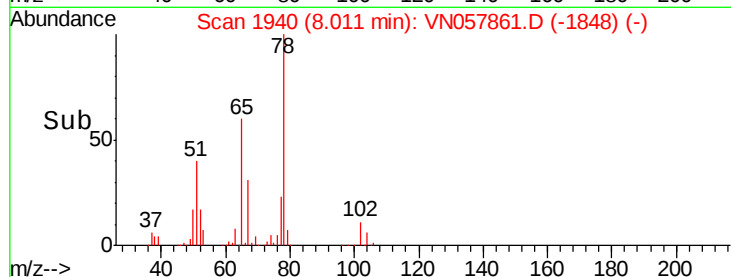
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

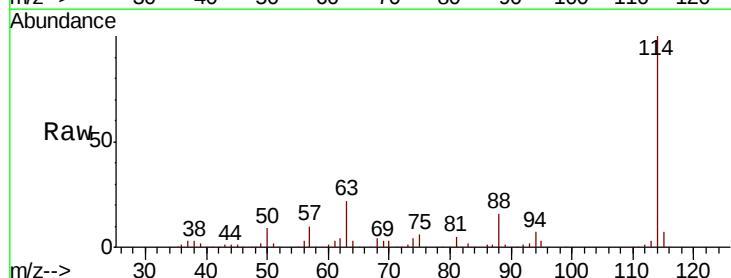
Tgt Ion: 114 Resp: 527967

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057802.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057802.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057802.D (-2097) (-)

8.57

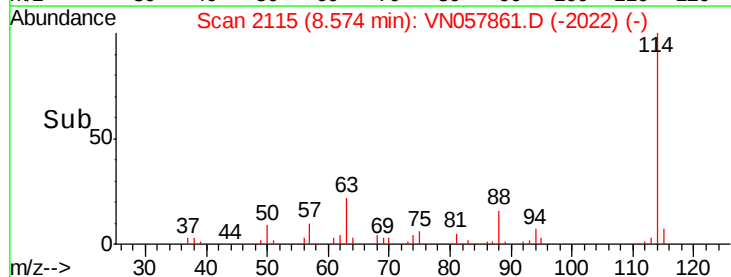
300000

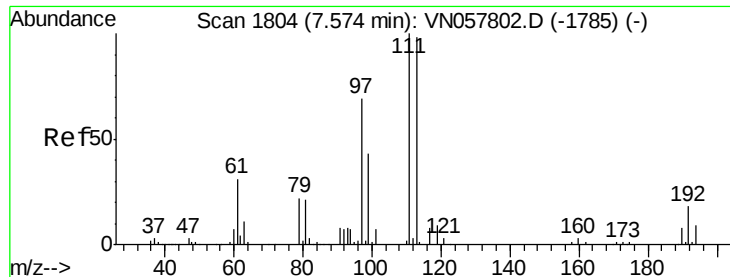
200000

100000

0

Time-->

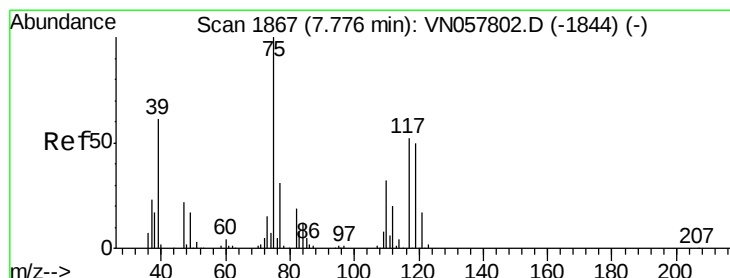
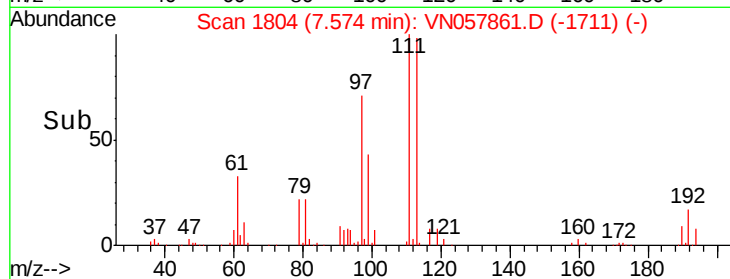
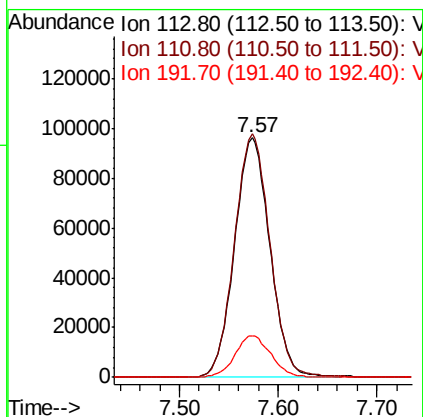
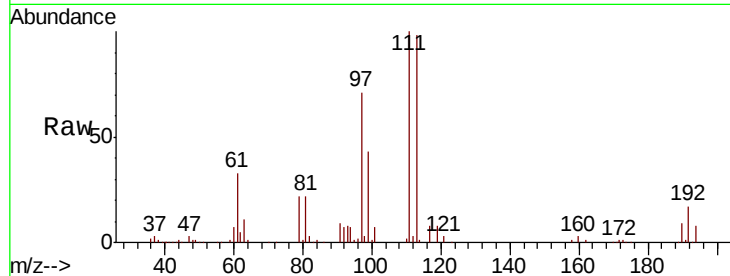




#35  
 Dibromofluoromethane  
 Concen: 49.146 ug/l  
 RT: 7.57 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

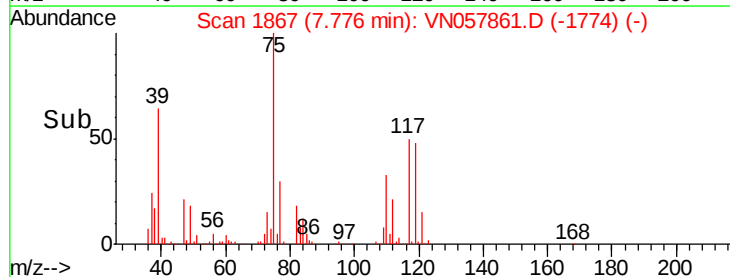
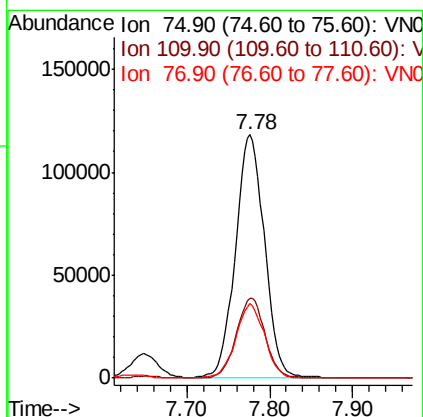
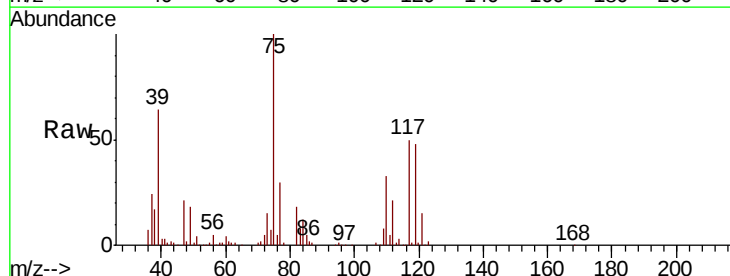
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

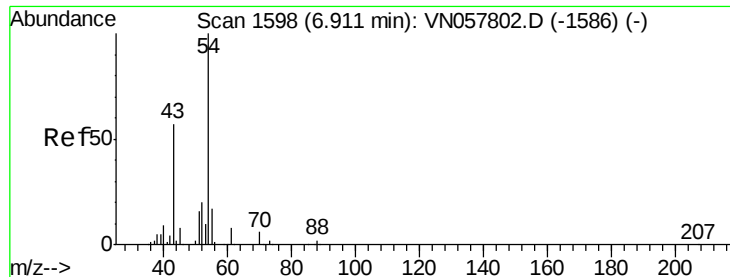
Tgt Ion: 113 Resp: 239483  
 Ion Ratio Lower Upper  
 113 100  
 111 102.2 81.3 121.9  
 192 17.7 14.6 22.0



#36  
 1,1-Dichloropropene  
 Concen: 46.902 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion: 75 Resp: 287183  
 Ion Ratio Lower Upper  
 75 100  
 110 32.6 16.3 48.9  
 77 30.5 25.0 37.4

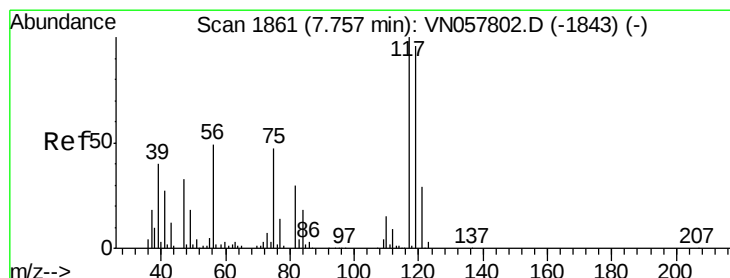
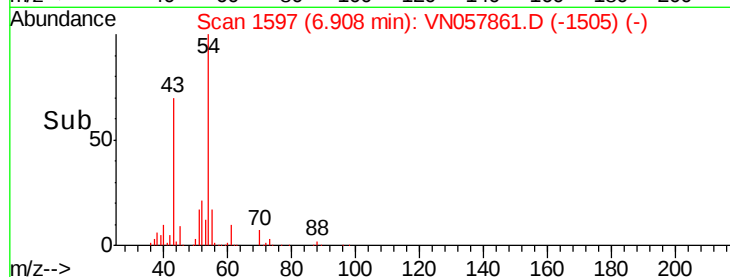
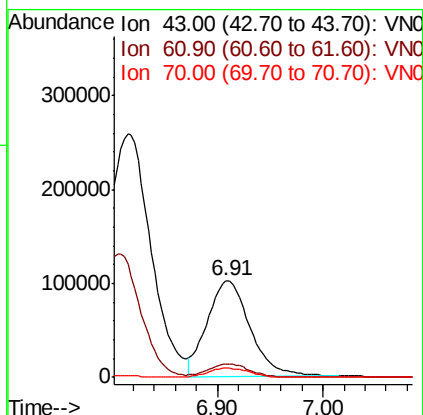
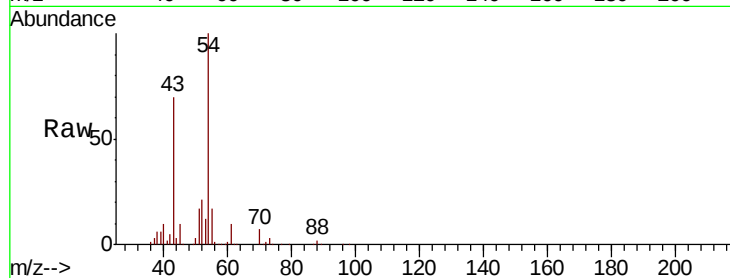




#37  
Ethyl Acetate  
Concen: 45.439 ug/l  
RT: 6.91 min Scan# 1597  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

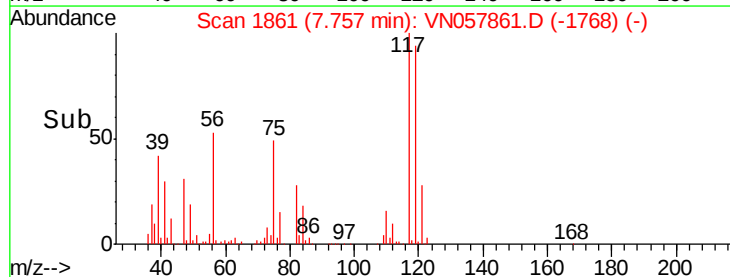
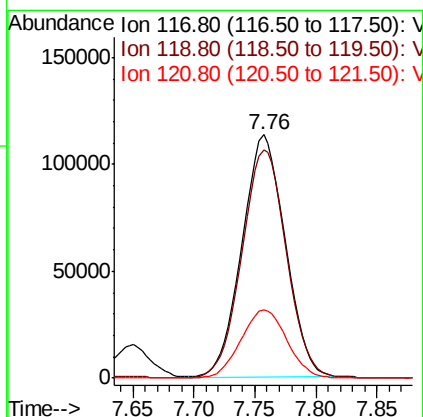
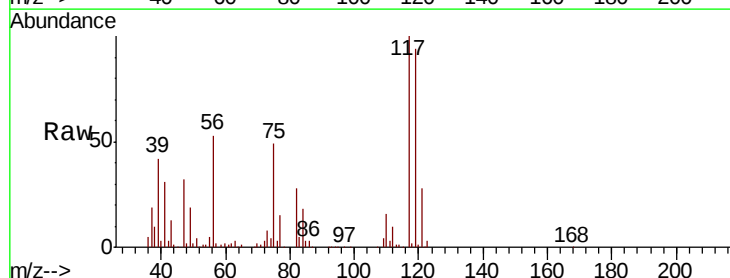
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

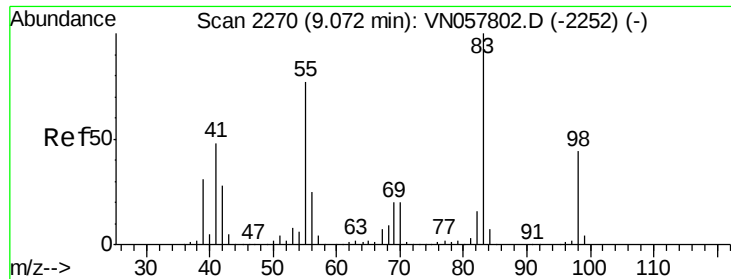
Tgt Ion: 43 Resp: 287458  
Ion Ratio Lower Upper  
43 100  
61 13.5 10.5 15.7  
70 9.0 7.4 11.0



#38  
Carbon Tetrachloride  
Concen: 49.697 ug/l  
RT: 7.76 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 117 Resp: 277820  
Ion Ratio Lower Upper  
117 100  
119 93.9 76.9 115.3  
121 28.1 23.4 35.2

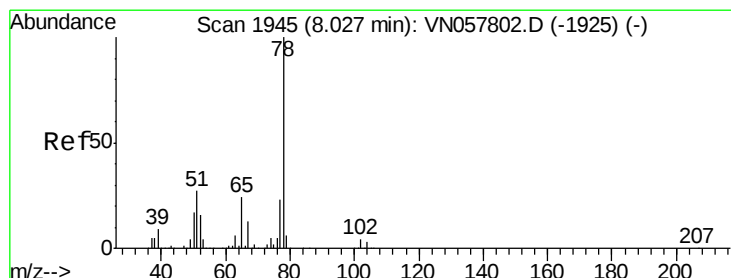
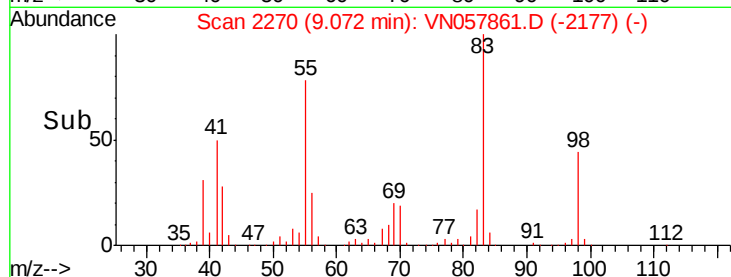
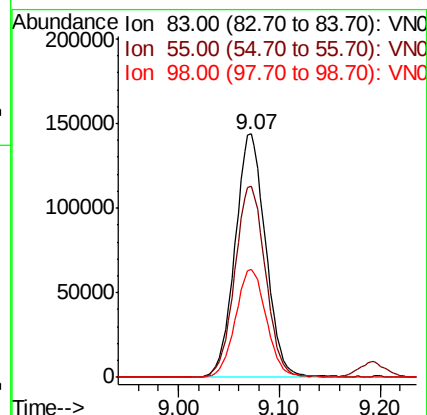
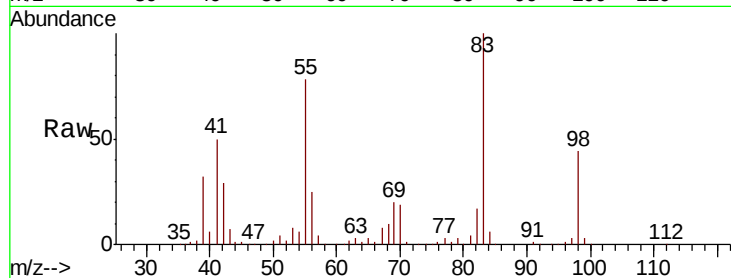




#39  
Methylcyclohexane  
Concen: 47.124 ug/l  
RT: 9.07 min Scan# 2270  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

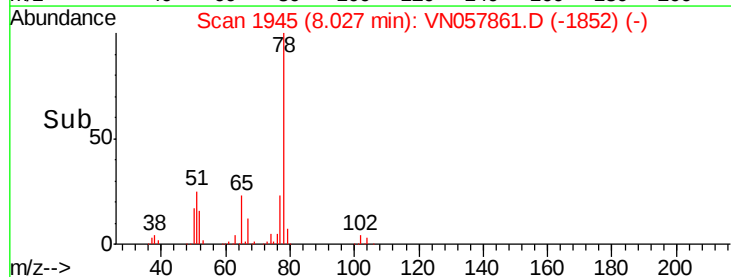
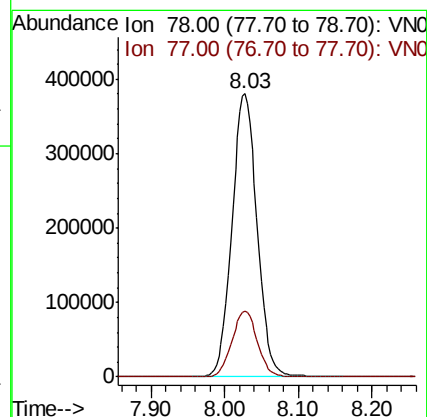
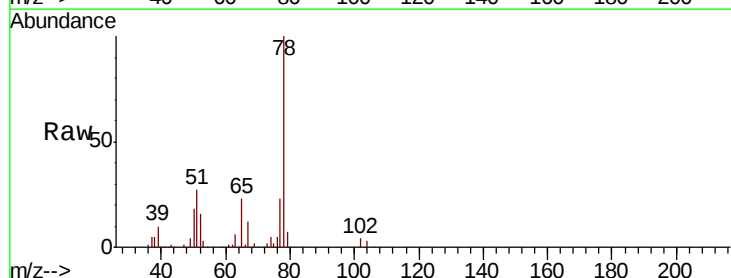
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

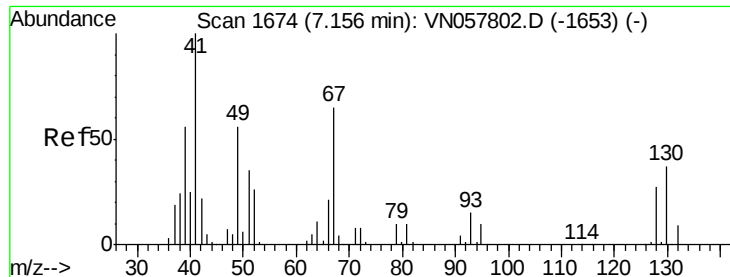
Tgt Ion: 83 Resp: 303324  
Ion Ratio Lower Upper  
83 100  
55 78.4 61.6 92.4  
98 44.3 34.9 52.3



#40  
Benzene  
Concen: 48.688 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 78 Resp: 897536  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.3 27.5

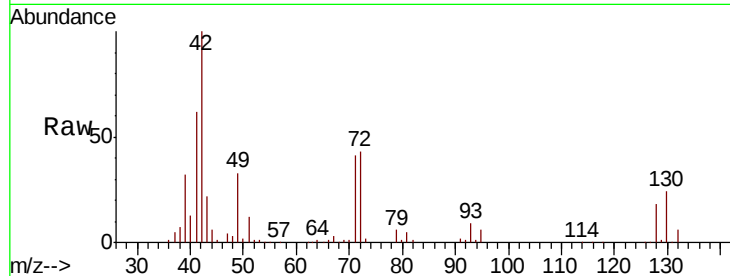




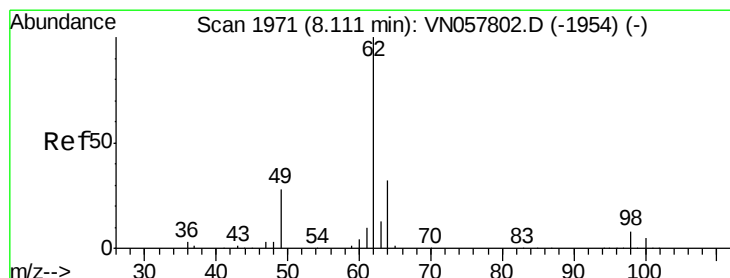
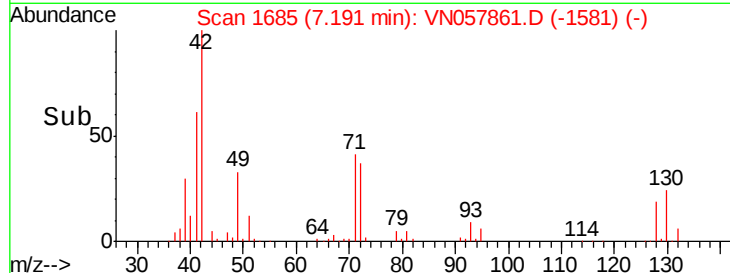
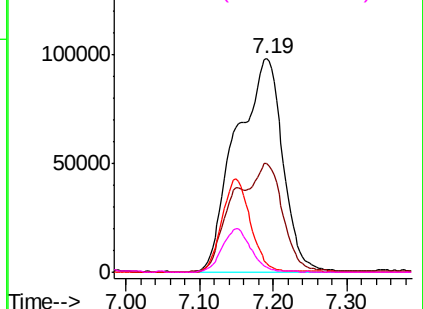
#41  
Methacrylonitrile  
Concen: 150.129 ug/l  
RT: 7.19 min Scan# 1685  
Delta R.T. 0.04 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 431123  
Ion Ratio Lower Upper  
41 100  
39 0.0 51.0 76.6#  
67 0.0 70.7 106.1#  
52 0.0 30.8 46.2#

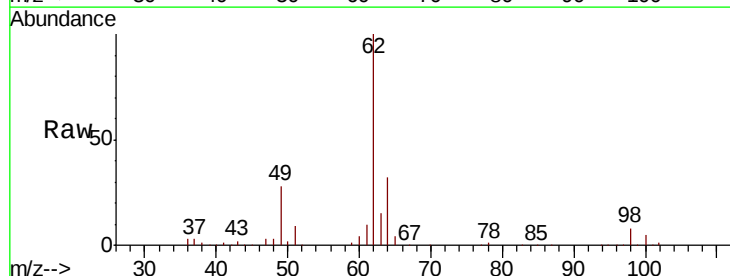


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

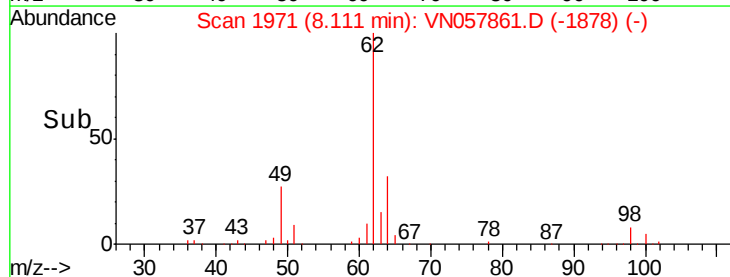
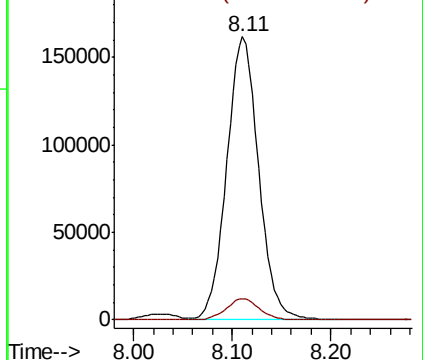


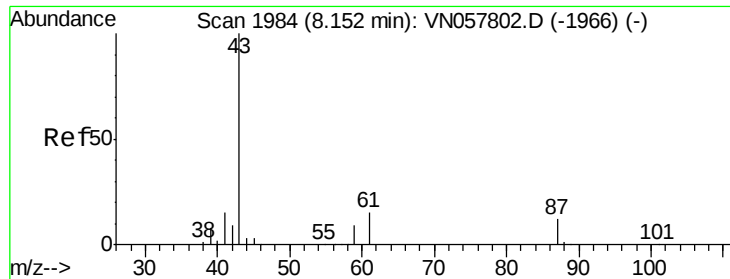
#42  
1,2-Dichloroethane  
Concen: 49.284 ug/l  
RT: 8.11 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 62 Resp: 363348  
Ion Ratio Lower Upper  
62 100  
98 7.7 0.0 15.8



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

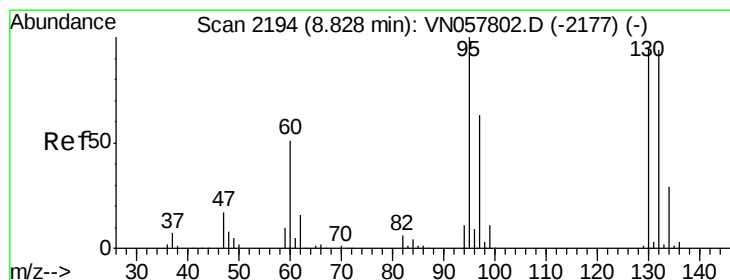
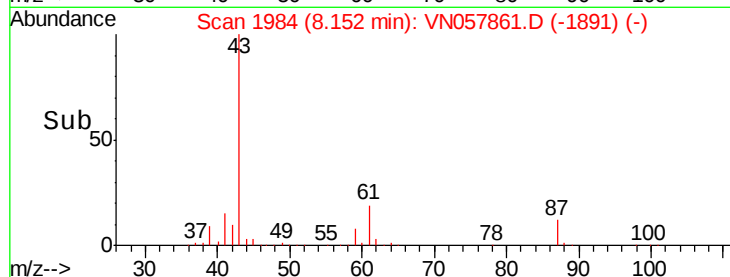
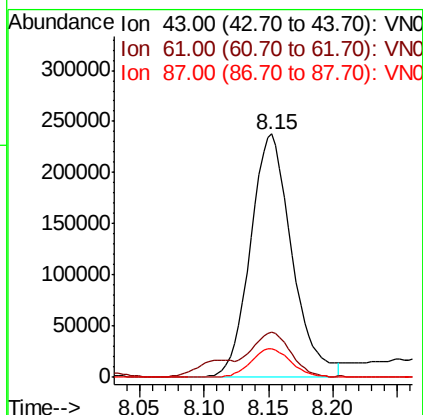
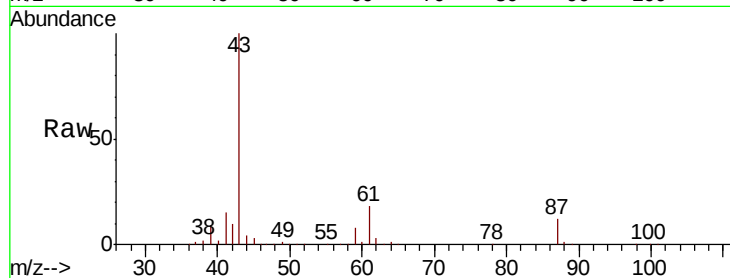




#43  
Isopropyl Acetate  
Concen: 49.934 ug/l  
RT: 8.15 min Scan# 1984  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

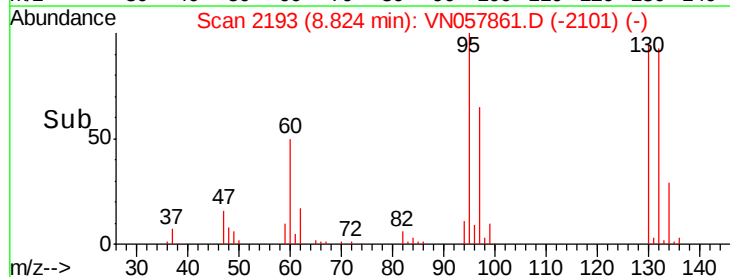
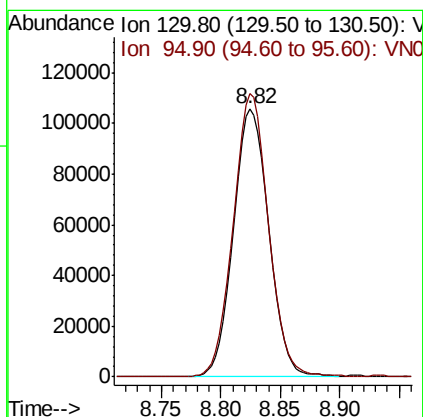
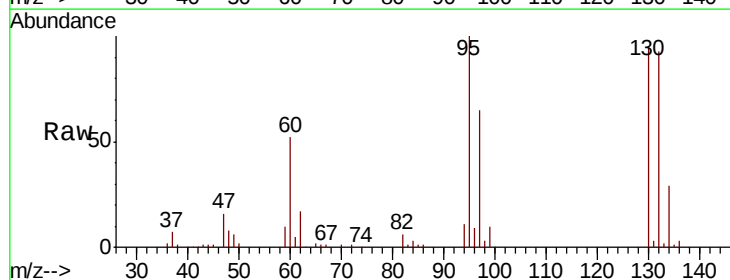
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

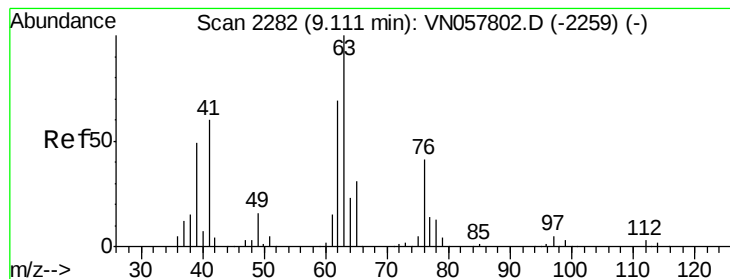
Tgt Ion: 43 Resp: 531225  
Ion Ratio Lower Upper  
43 100  
61 17.6 20.1 30.1#  
87 11.6 9.5 14.3



#44  
Trichloroethene  
Concen: 48.346 ug/l  
RT: 8.82 min Scan# 2193  
Delta R.T. -0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 130 Resp: 218590  
Ion Ratio Lower Upper  
130 100  
95 105.4 0.0 211.4





#45

1,2-Dichloropropane

Concen: 50.125 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

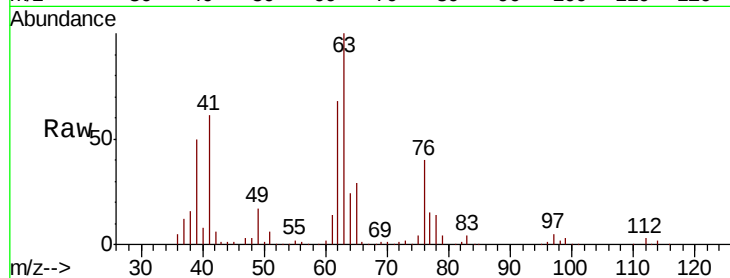
VSTDCCC050

Tgt Ion: 63 Resp: 268873

Ion Ratio Lower Upper

63 100

65 28.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN057802.D (-2259) (-)

9.11

150000

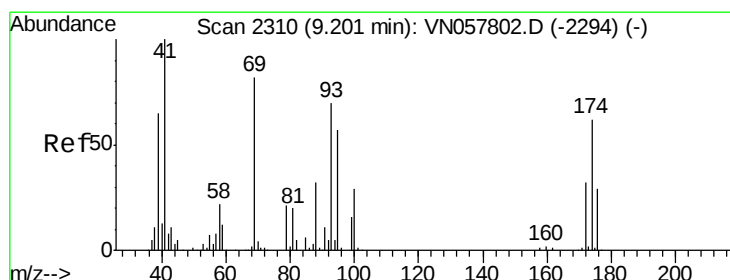
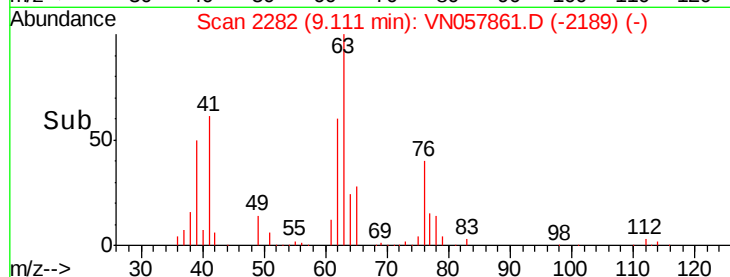
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 49.535 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

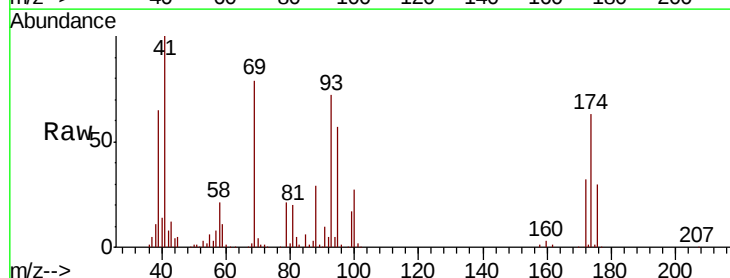
Tgt Ion: 93 Resp: 160564

Ion Ratio Lower Upper

93 100

95 82.2 65.9 98.9

174 90.0 71.8 107.6



Abundance Ion 92.80 (92.50 to 93.50): VN057802.D (-2294) (-)

Ion 94.80 (94.50 to 95.50): VN057802.D (-2294) (-)

Ion 173.70 (173.40 to 174.40): VN057802.D (-2294) (-)

9.20

100000

80000

60000

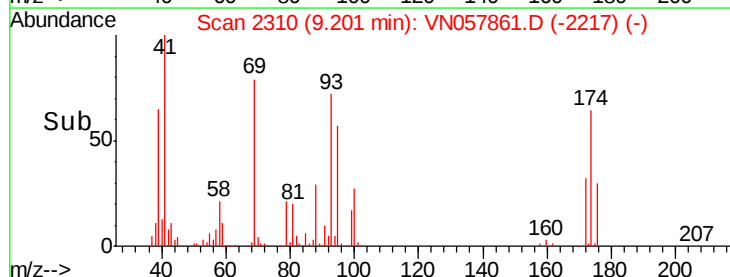
40000

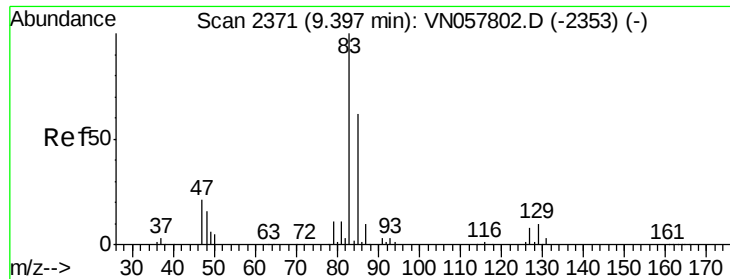
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 52.061 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

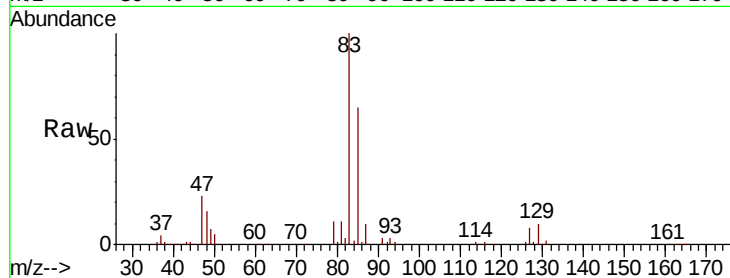
Tgt Ion: 83 Resp: 336977

Ion Ratio Lower Upper

83 100

85 64.5 49.9 74.9

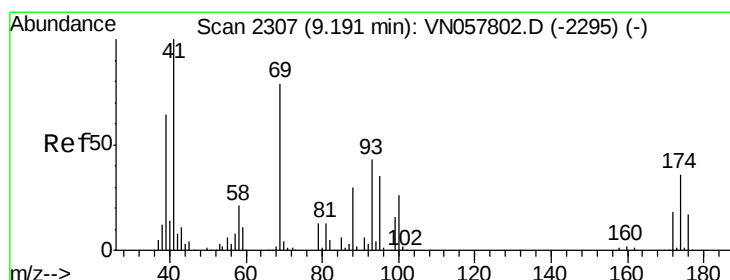
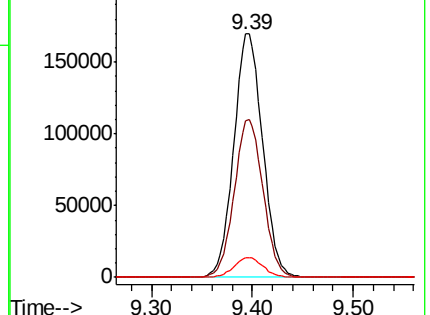
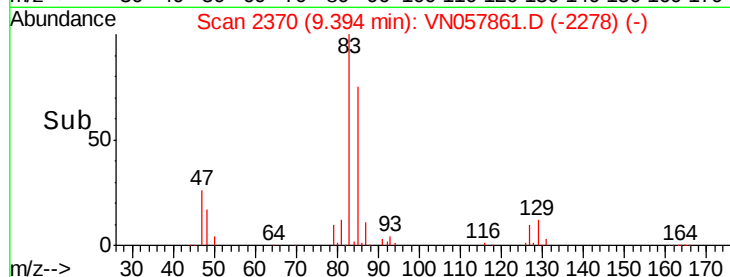
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN057861.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057861.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057861.D (-2278) (-)



#48

Methyl methacrylate

Concen: 48.601 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

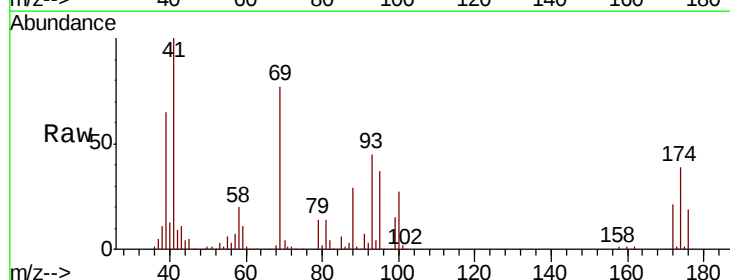
Tgt Ion: 41 Resp: 262283

Ion Ratio Lower Upper

41 100

69 78.7 62.7 94.1

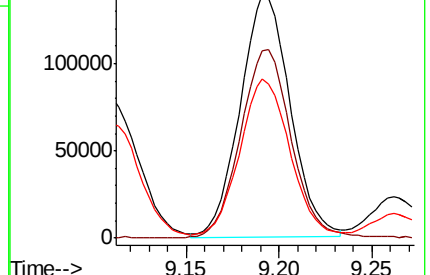
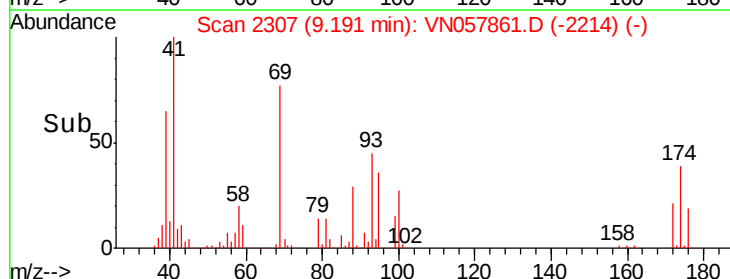
39 66.0 52.7 79.1

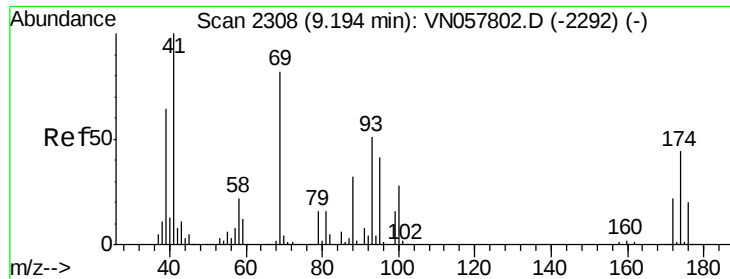


Abundance Ion 41.00 (40.70 to 41.70): VN057861.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057861.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057861.D (-2214) (-)





#49

1,4-Dioxane

Concen: 906.417 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

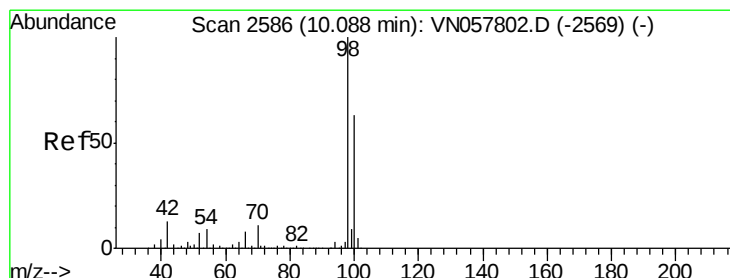
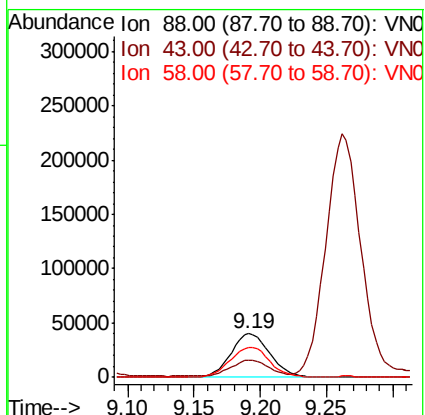
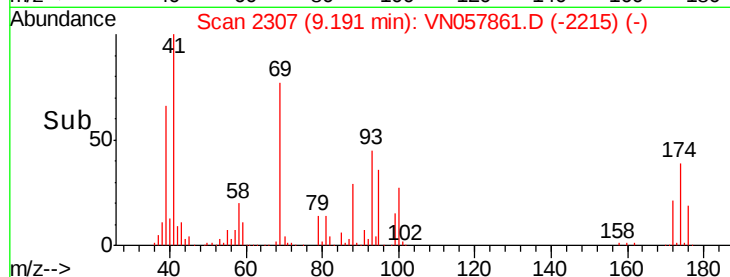
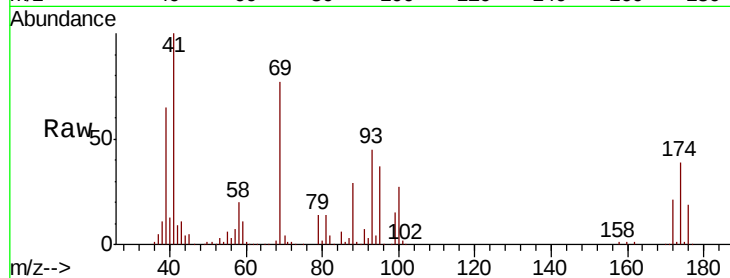
Tgt Ion: 88 Resp: 82721

Ion Ratio Lower Upper

88 100

43 34.6 28.5 42.7

58 69.5 55.8 83.6



#50

Toluene-d8

Concen: 51.858 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057861.D

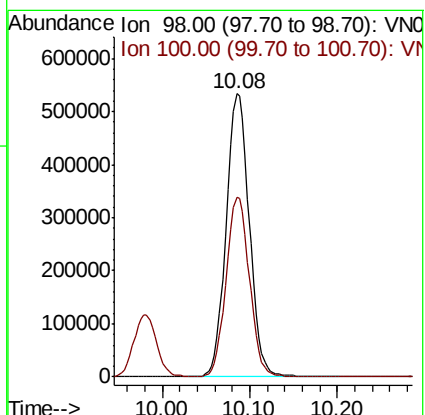
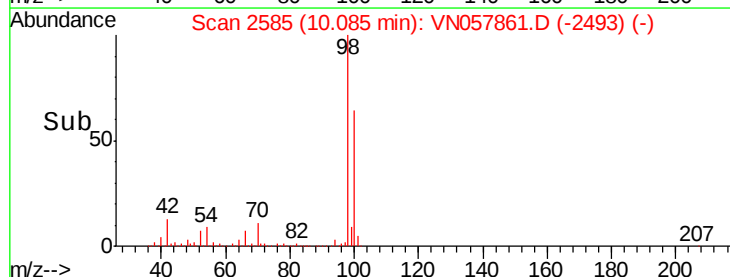
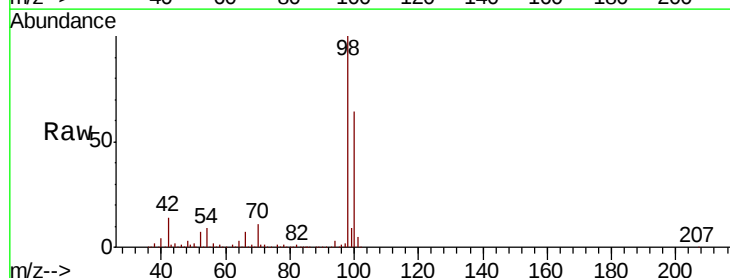
Acq: 10 Sep 2019 14:42

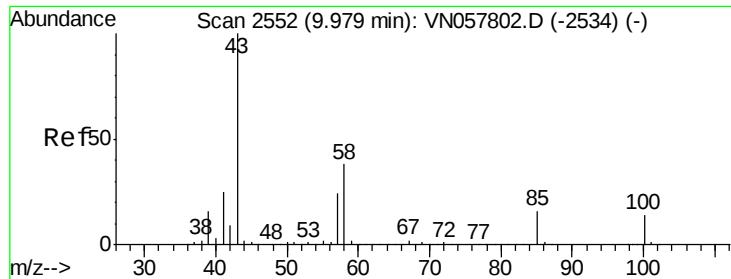
Tgt Ion: 98 Resp: 981110

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 254.741 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

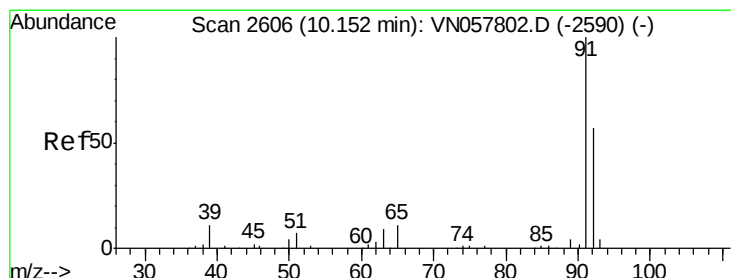
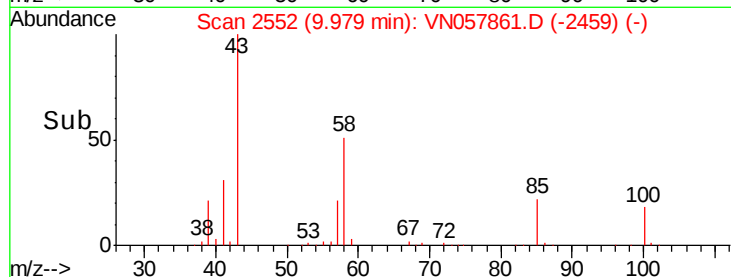
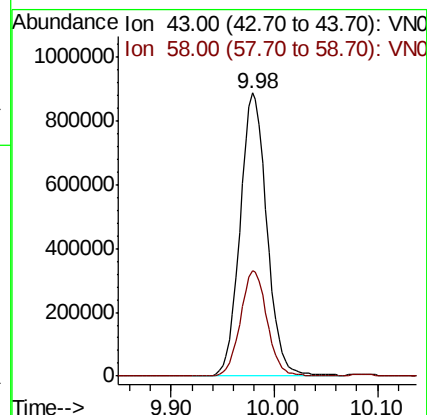
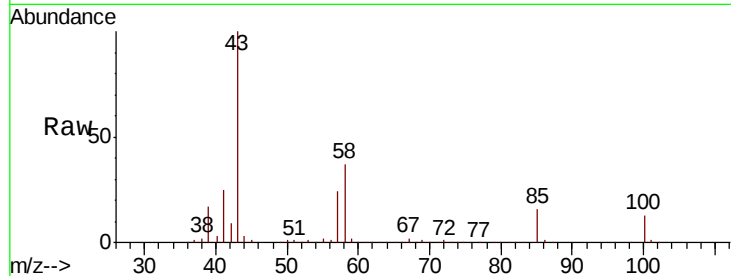
VSTDCCC050

Tgt Ion: 43 Resp: 1603756

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.6



#52

Toluene

Concen: 50.173 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057861.D

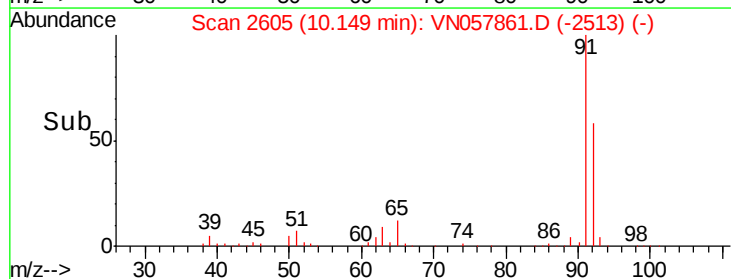
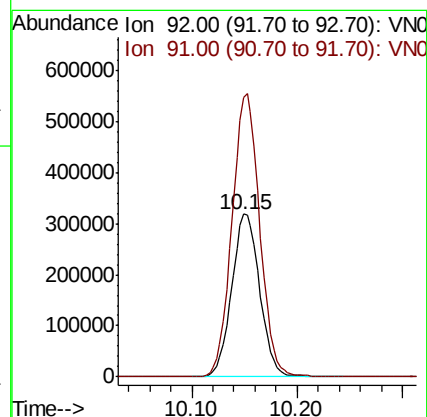
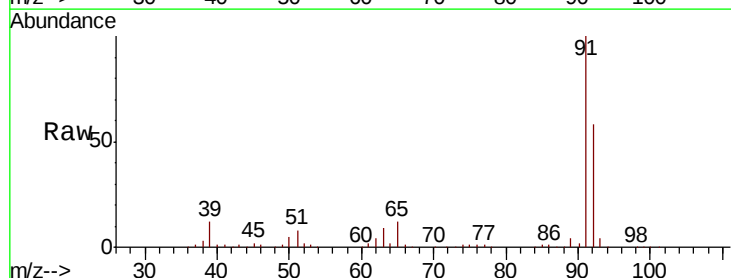
Acq: 10 Sep 2019 14:42

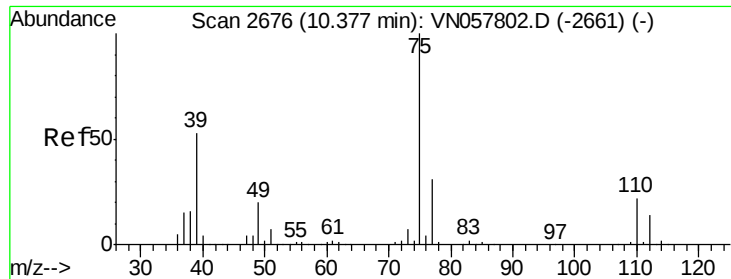
Tgt Ion: 92 Resp: 582542

Ion Ratio Lower Upper

92 100

91 172.8 141.0 211.6

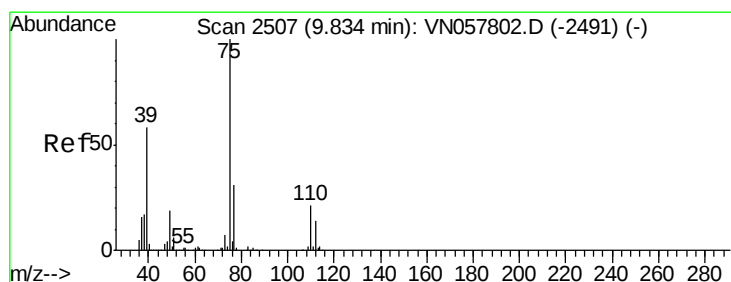
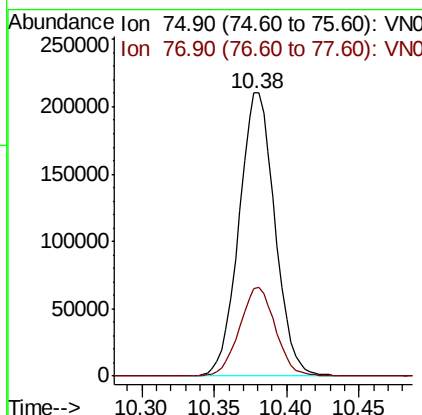
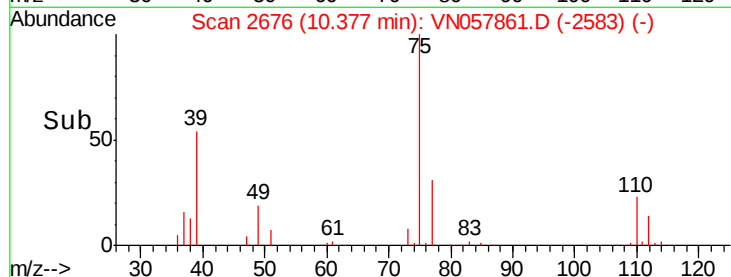
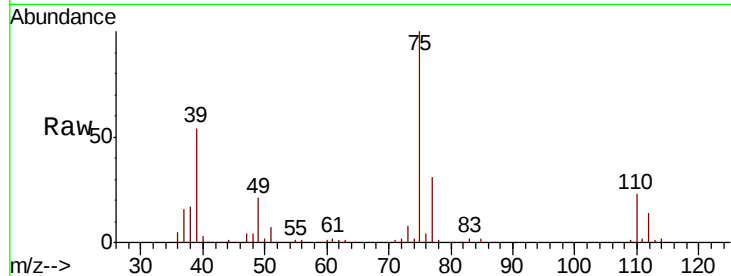




#53  
t-1,3-Dichloropropene  
Concen: 53.113 ug/l  
RT: 10.38 min Scan# 2676  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

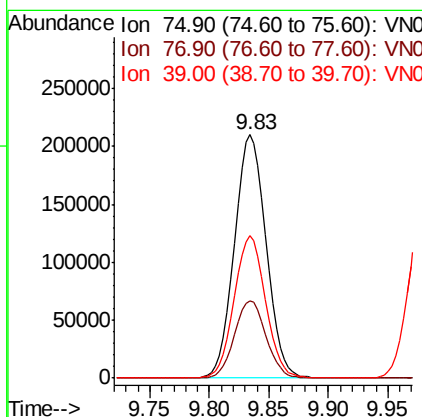
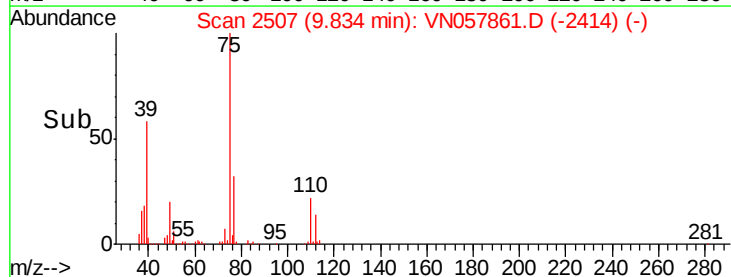
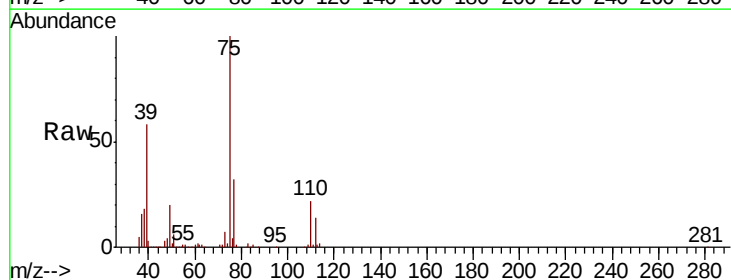
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

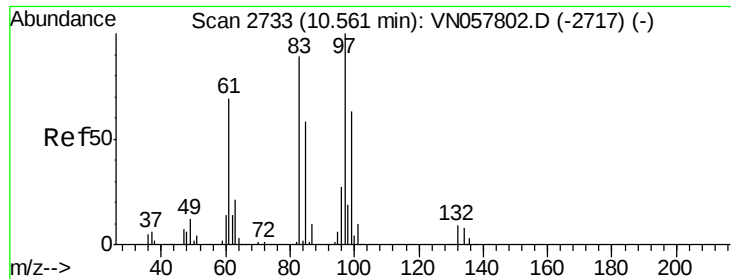
Tgt Ion: 75 Resp: 362028  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 51.642 ug/l  
RT: 9.83 min Scan# 2507  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 75 Resp: 388634  
Ion Ratio Lower Upper  
75 100  
77 32.0 24.8 37.2  
39 58.3 46.2 69.4

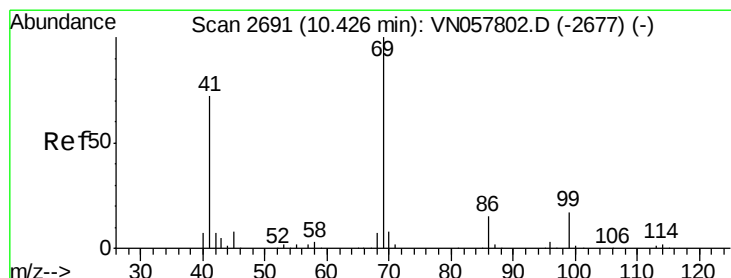
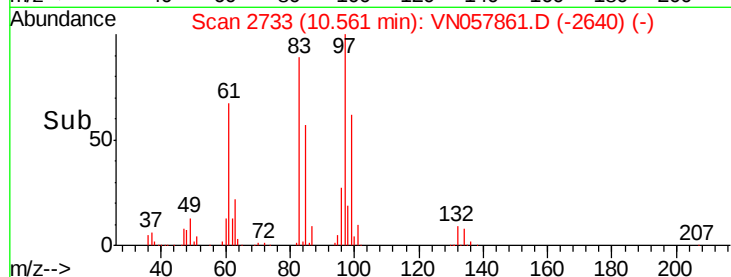
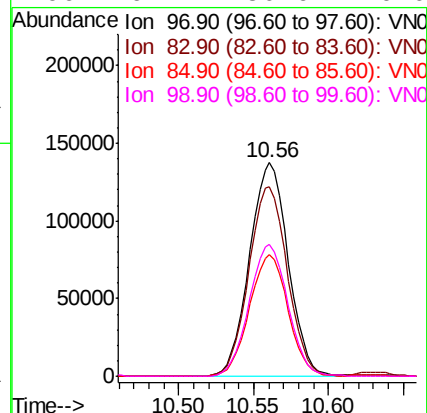
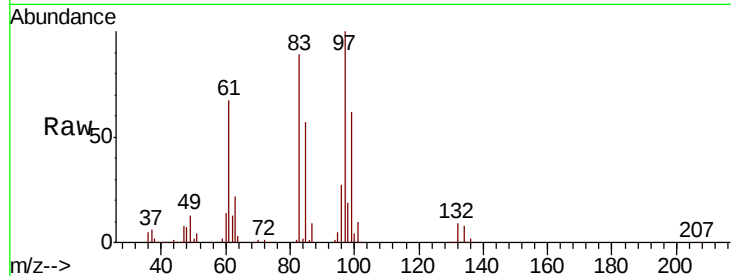




#55  
 1,1,2-Trichloroethane  
 Concen: 50.241 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

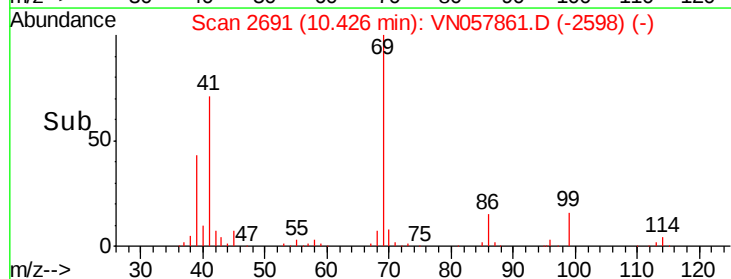
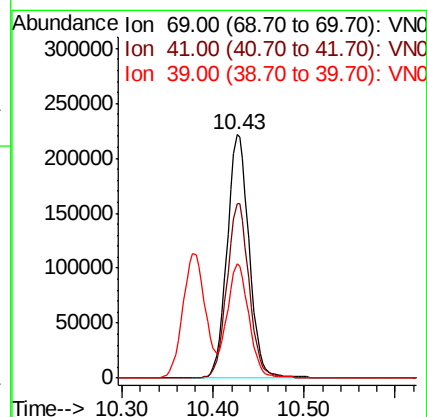
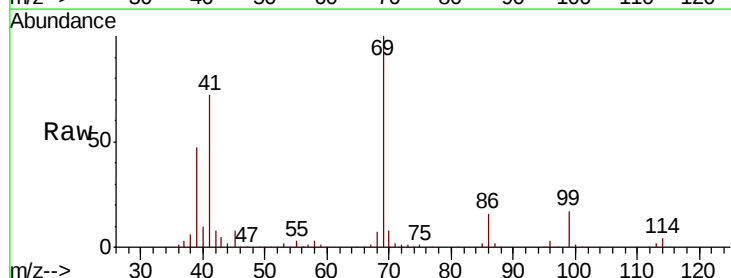
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 247094 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 89.0  | 70.8  | 106.2  |
| 85       | 56.9  | 46.0  | 69.0   |
| 99       | 61.7  | 50.6  | 76.0   |



#56  
 Ethyl methacrylate  
 Concen: 50.356 ug/l  
 RT: 10.43 min Scan# 2691  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 372946 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.0  | 56.7  | 85.1   |
| 39       | 46.5  | 36.3  | 54.5   |





#57

1,3-Dichloropropane

Concen: 49.723 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

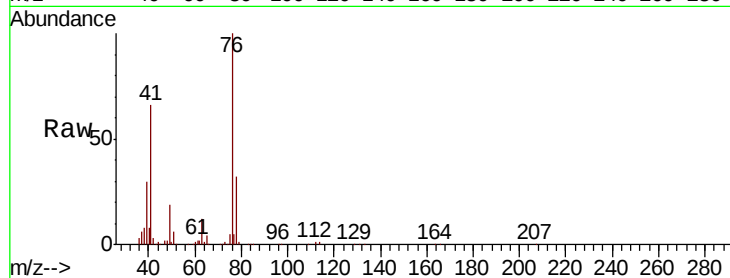
VSTDCCC050

Tgt Ion: 76 Resp: 421441

Ion Ratio Lower Upper

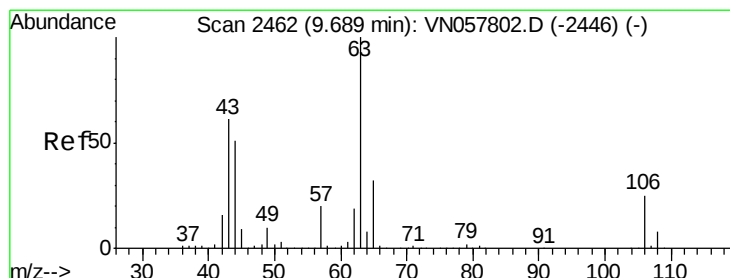
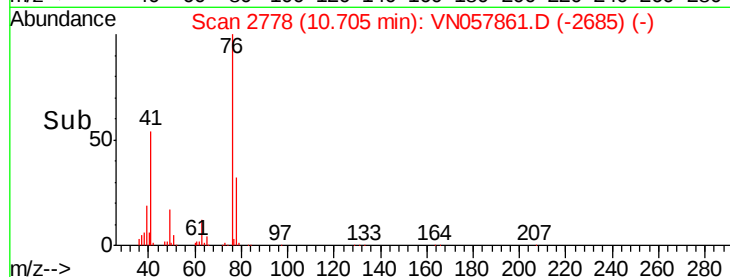
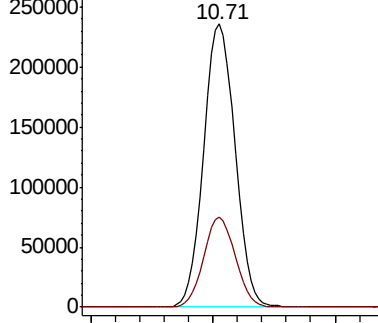
76 100

78 32.0 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 256.225 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057861.D

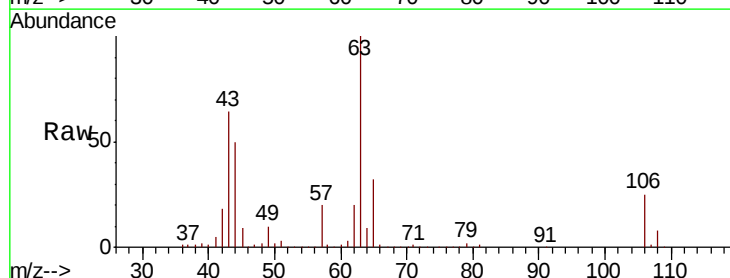
Acq: 10 Sep 2019 14:42

Tgt Ion: 63 Resp: 893778

Ion Ratio Lower Upper

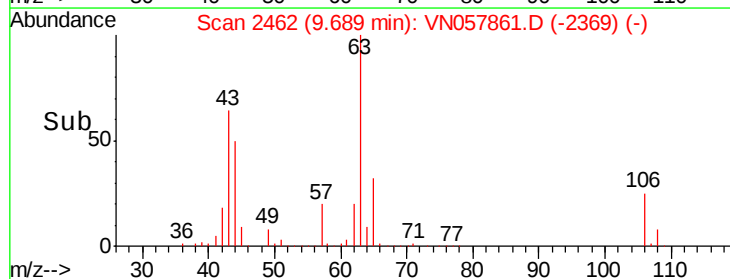
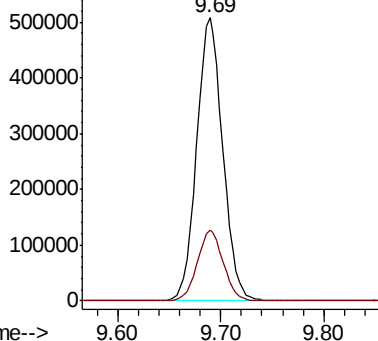
63 100

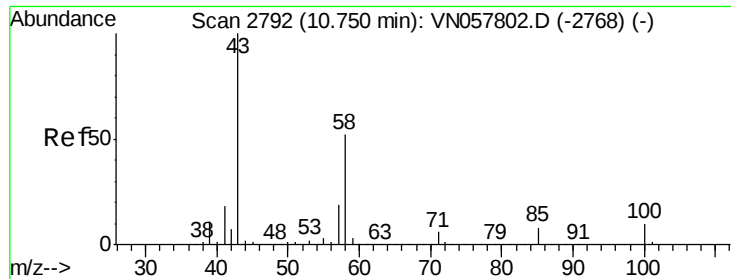
106 24.7 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

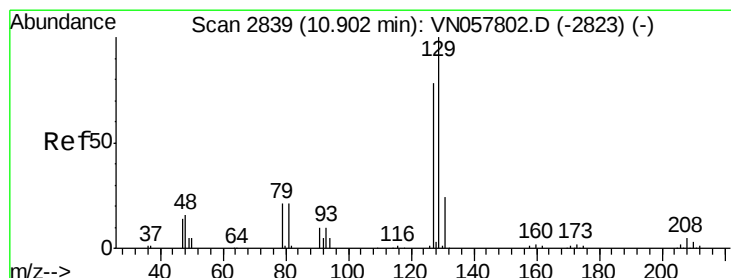
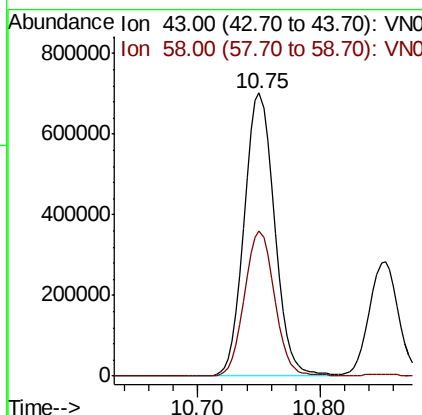
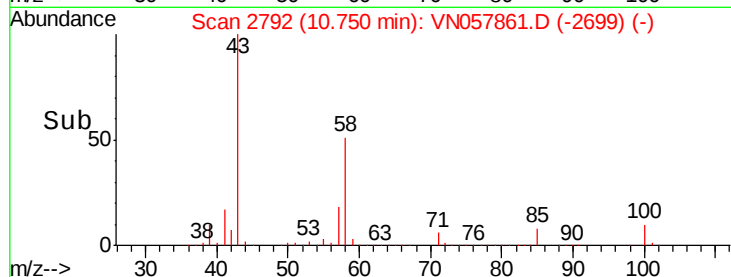
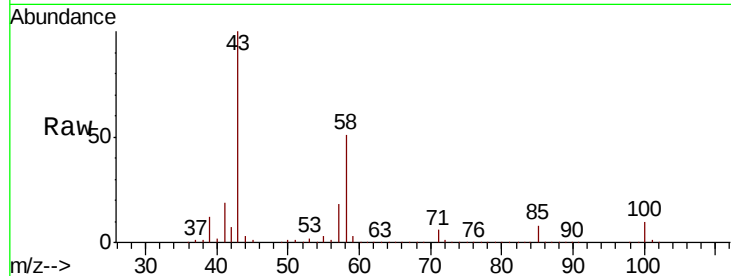




#59  
 2-Hexanone  
 Concen: 253.693 ug/l  
 RT: 10.75 min Scan# 2792  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

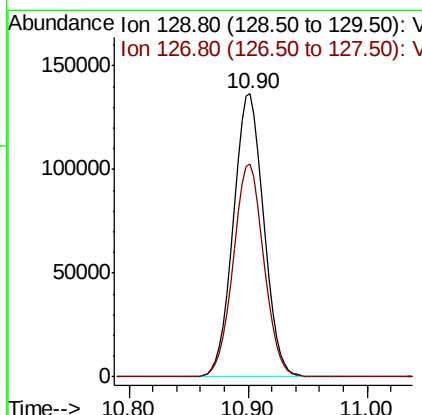
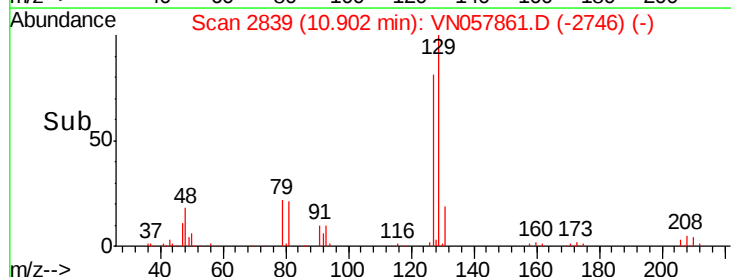
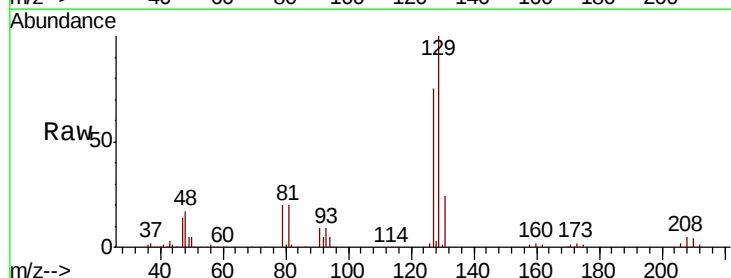
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

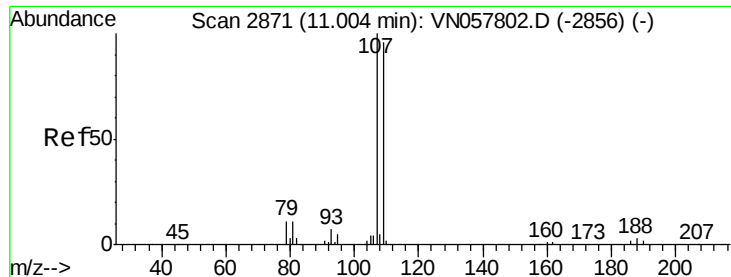
Tgt Ion: 43 Resp: 1197130  
 Ion Ratio Lower Upper  
 43 100  
 58 51.1 25.6 76.8



#60  
 Dibromochloromethane  
 Concen: 52.906 ug/l  
 RT: 10.90 min Scan# 2839  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion: 129 Resp: 241621  
 Ion Ratio Lower Upper  
 129 100  
 127 76.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.459 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

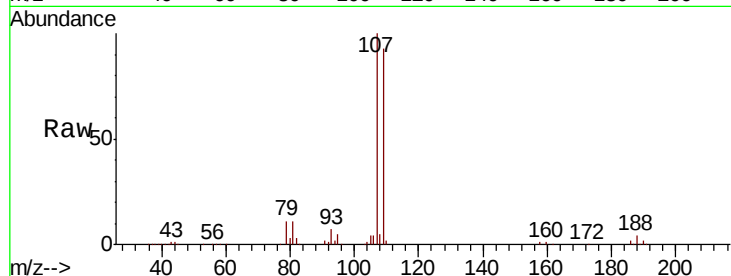
VSTDCCC050

Tgt Ion: 107 Resp: 234616

Ion Ratio Lower Upper

107 100

109 93.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

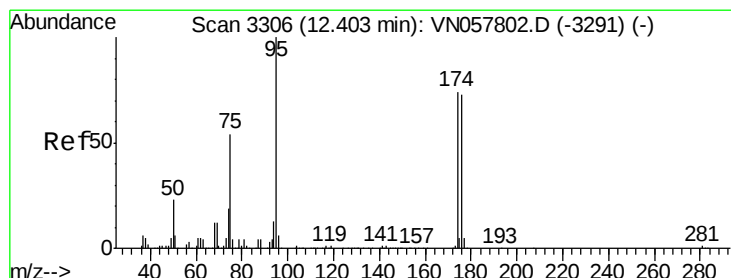
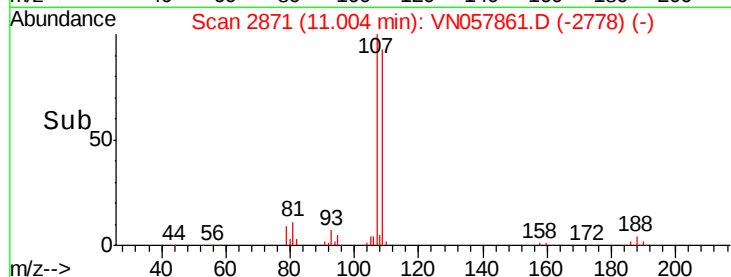
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 48.982 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

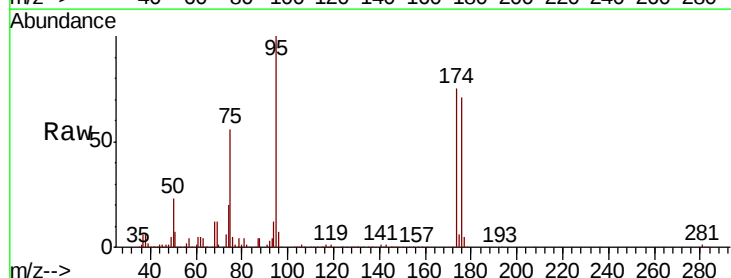
Tgt Ion: 95 Resp: 353157

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.2

176 72.6 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

12.40

250000

200000

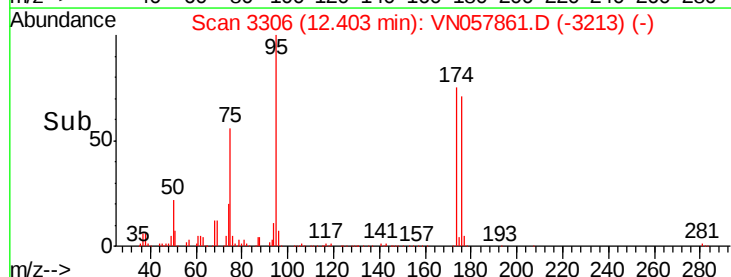
150000

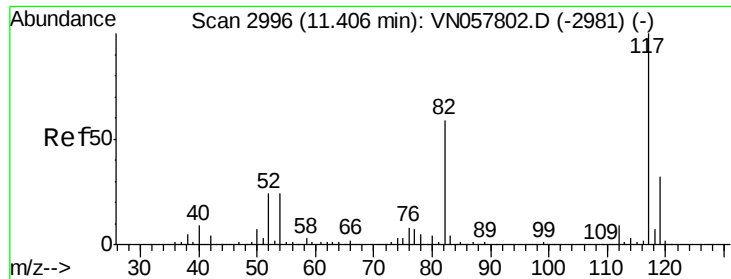
100000

50000

0

Time--> 12.35 12.40 12.45 12.50

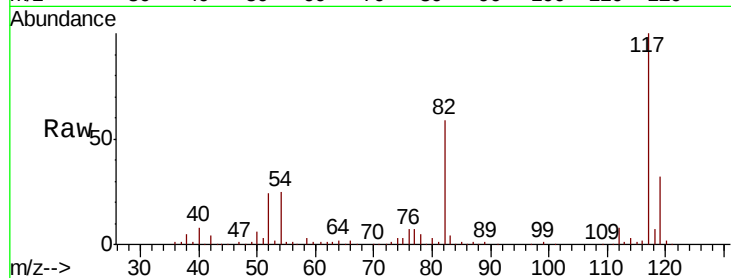




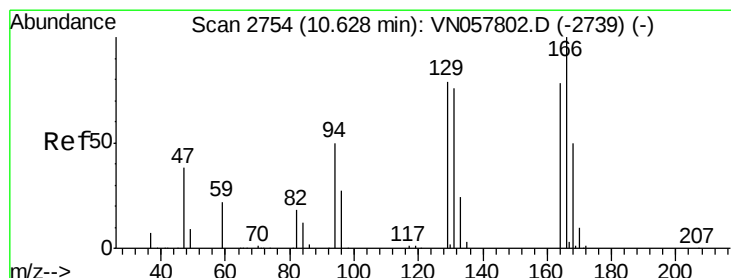
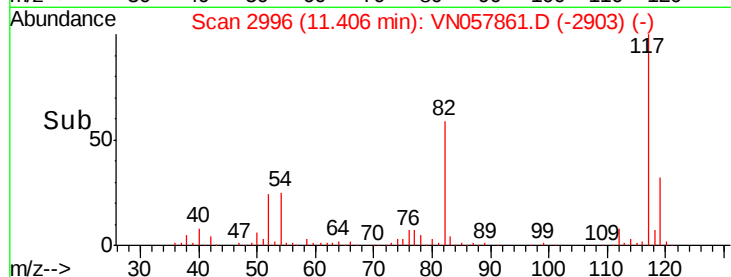
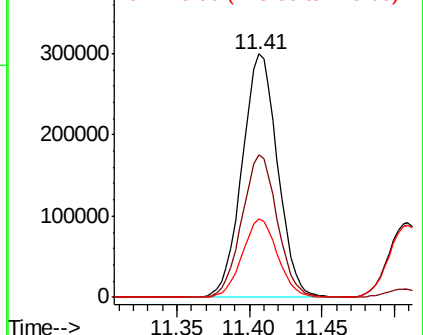
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:117 Resp: 510344  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.2 70.8  
119 32.1 25.3 37.9

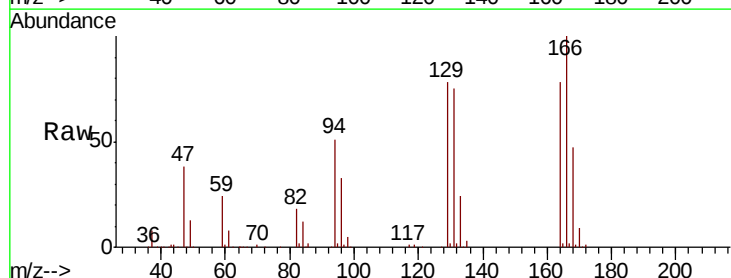


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

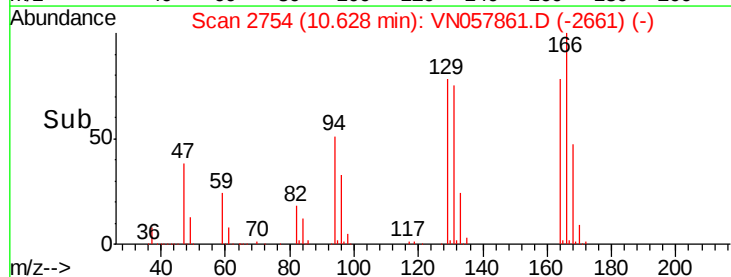
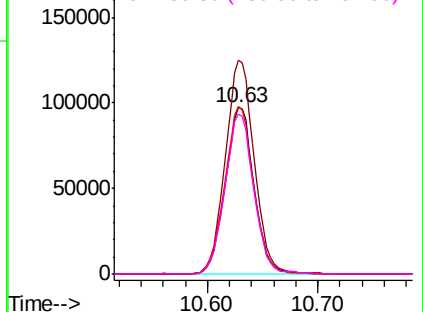


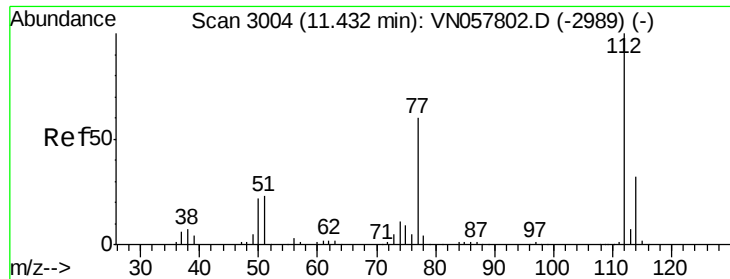
#64  
Tetrachloroethene  
Concen: 46.729 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion:164 Resp: 176081  
Ion Ratio Lower Upper  
164 100  
166 128.8 102.2 153.2  
129 101.1 80.8 121.2  
131 96.9 77.4 116.2



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

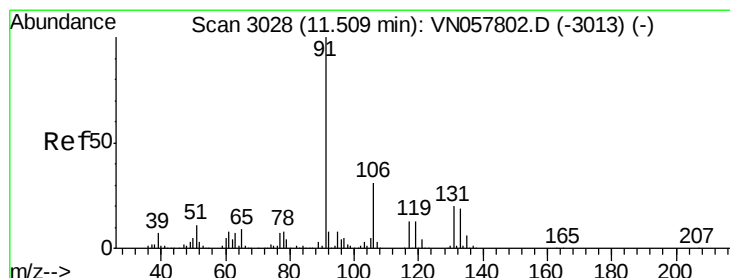
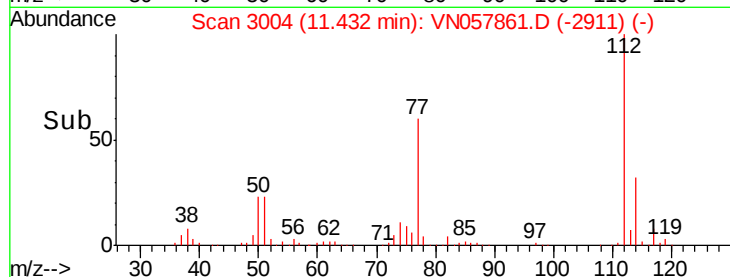
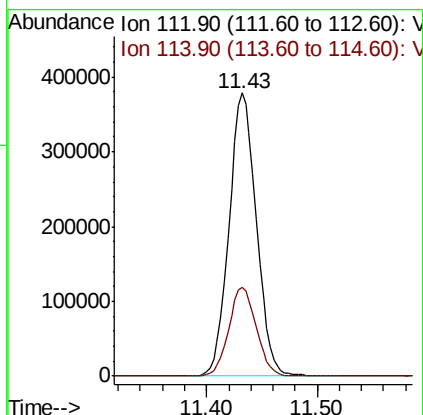
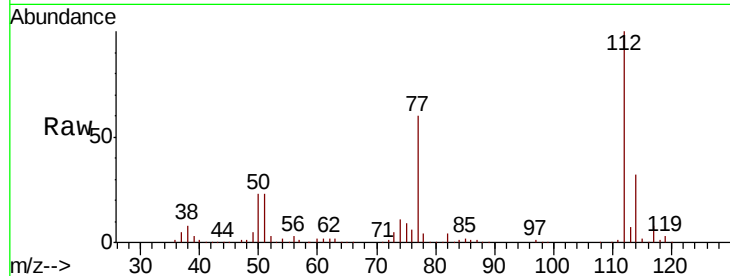




#65  
Chlorobenzene  
Concen: 48.643 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

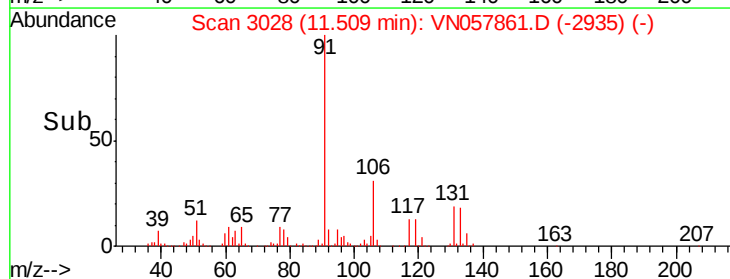
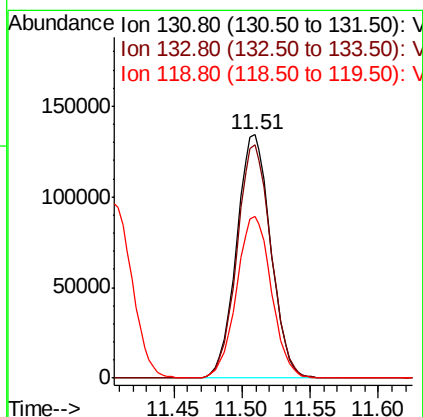
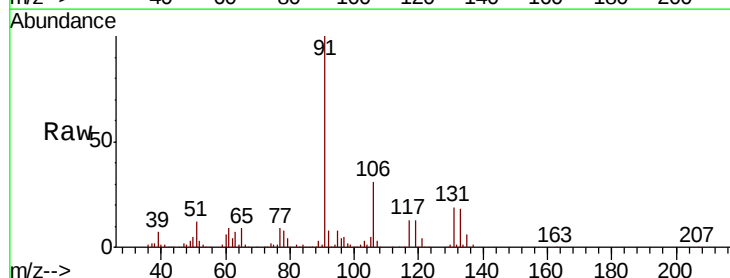
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

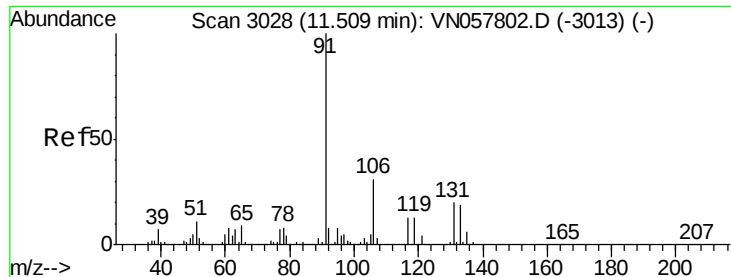
Tgt Ion:112 Resp: 649679  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.334 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion:131 Resp: 233274  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.1 141.3  
119 67.9 33.3 99.8

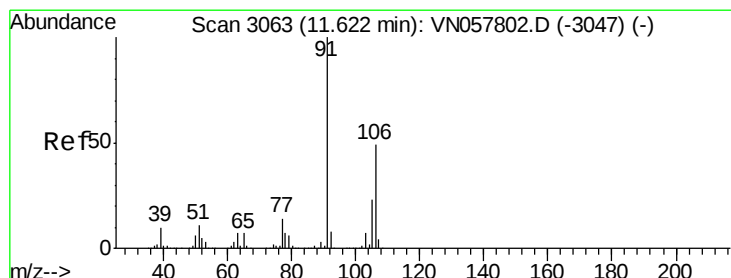
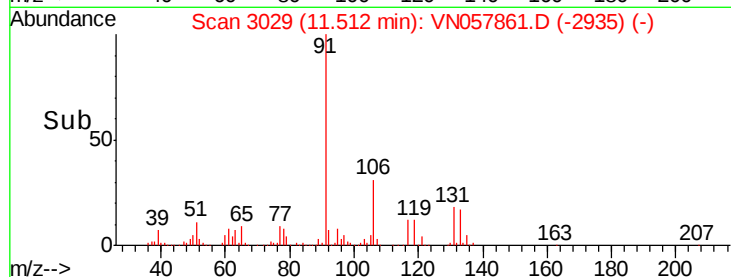
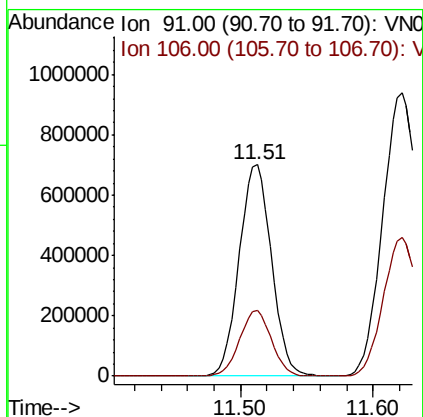
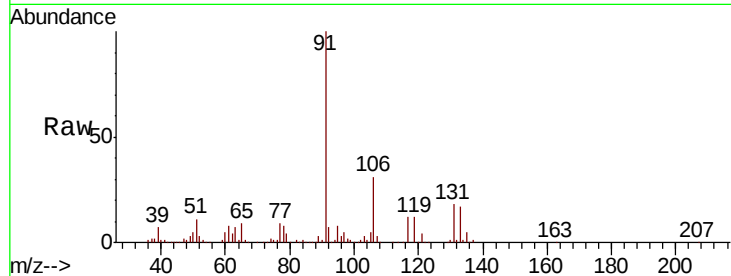




#67  
Ethyl Benzene  
Concen: 50.723 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

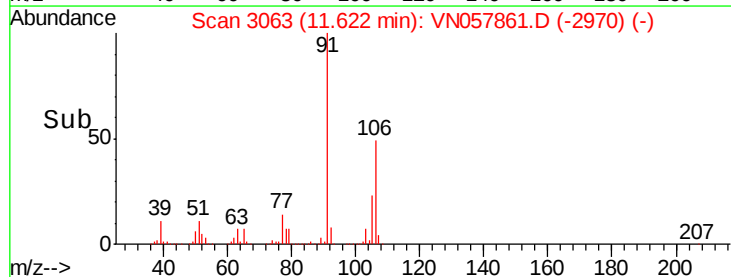
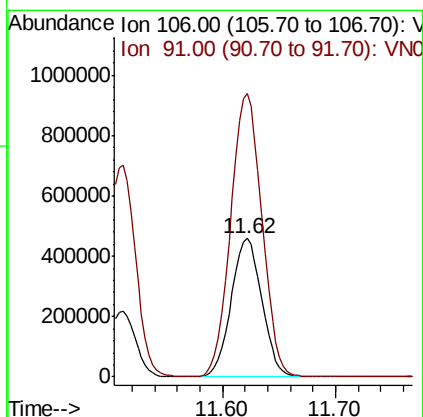
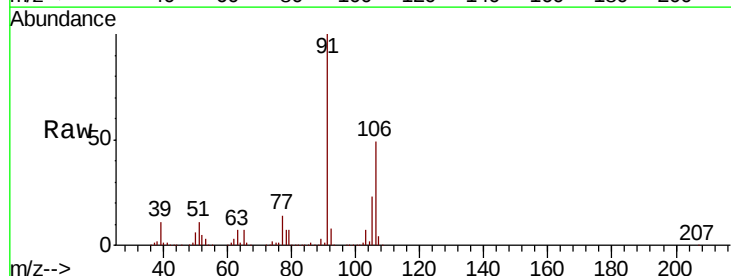
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

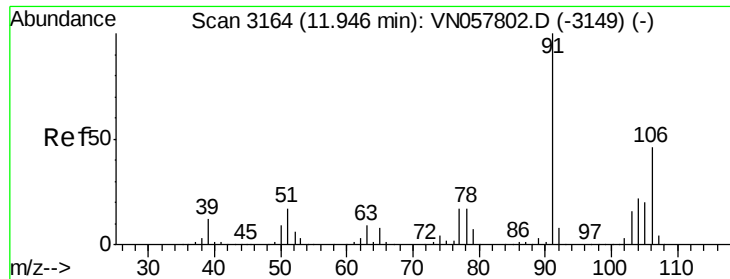
Tgt Ion: 91 Resp: 1187278  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.4 36.6



#68  
m/p-Xylenes  
Concen: 101.283 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion: 106 Resp: 868402  
Ion Ratio Lower Upper  
106 100  
91 207.5 165.8 248.6

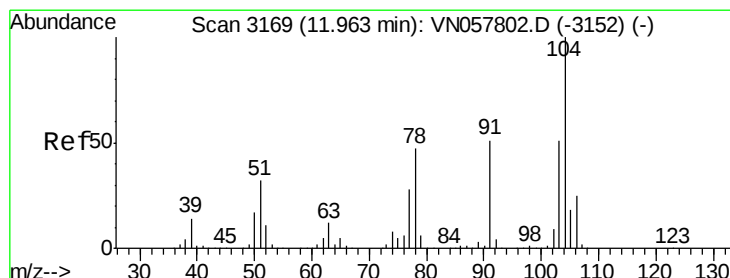
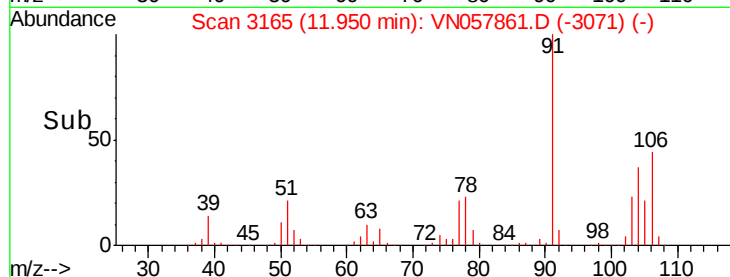
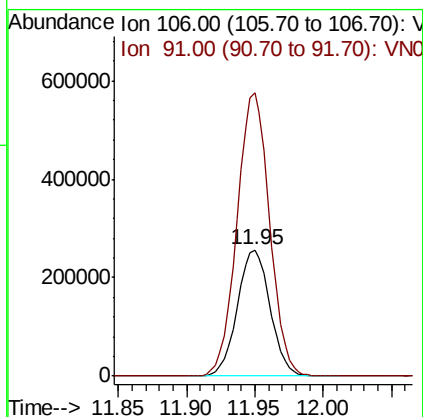
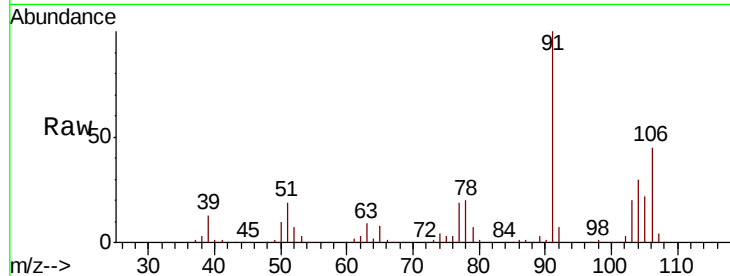




#69  
o-Xylene  
Concen: 50.246 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

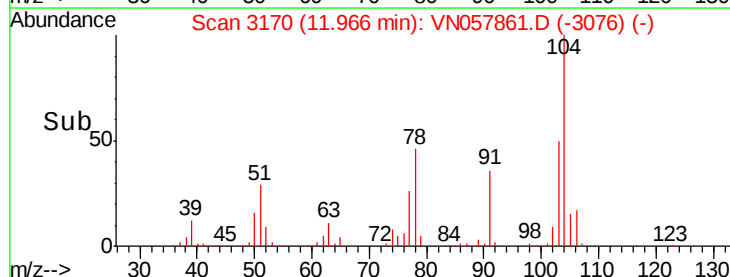
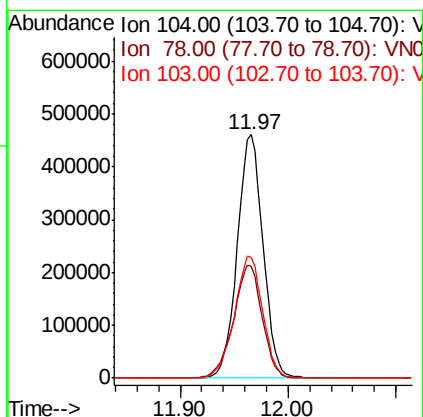
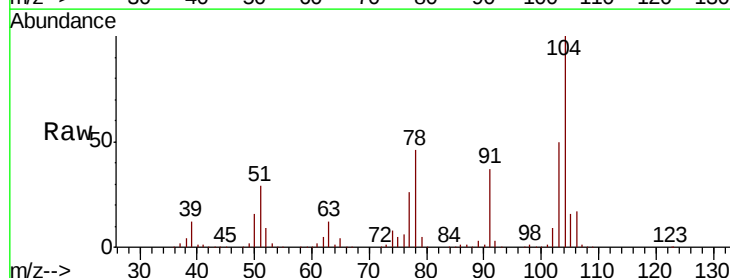
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

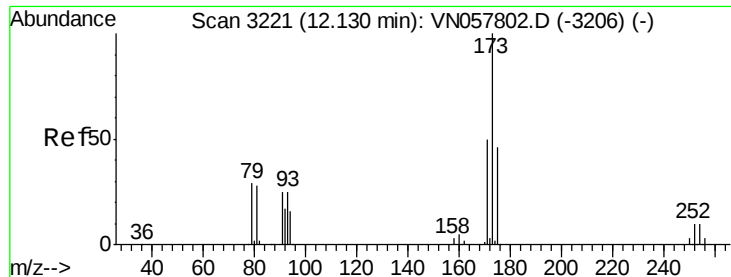
Tgt Ion:106 Resp: 428292  
Ion Ratio Lower Upper  
106 100  
91 222.5 108.7 326.1



#70  
Styrene  
Concen: 52.433 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN057861.D  
Acq: 10 Sep 2019 14:42

Tgt Ion:104 Resp: 769156  
Ion Ratio Lower Upper  
104 100  
78 51.5 41.3 61.9  
103 54.6 43.7 65.5

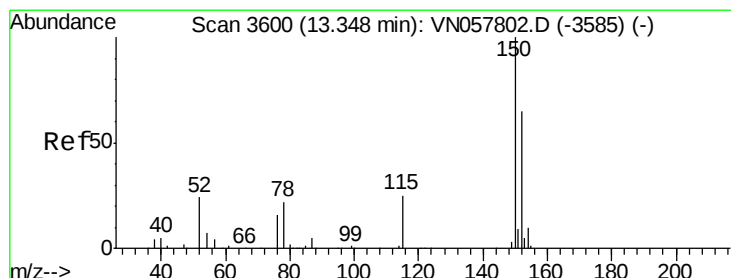
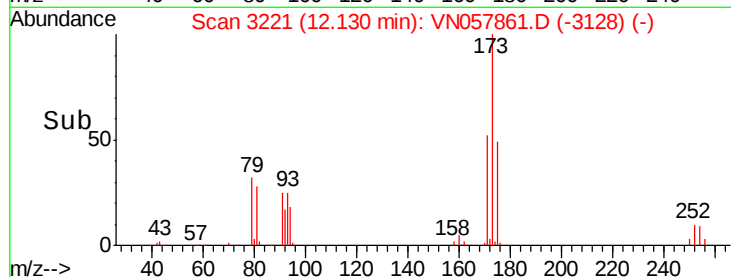
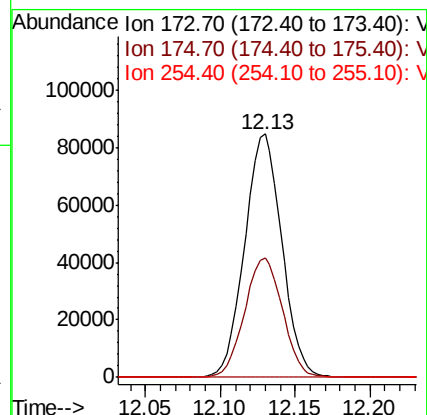
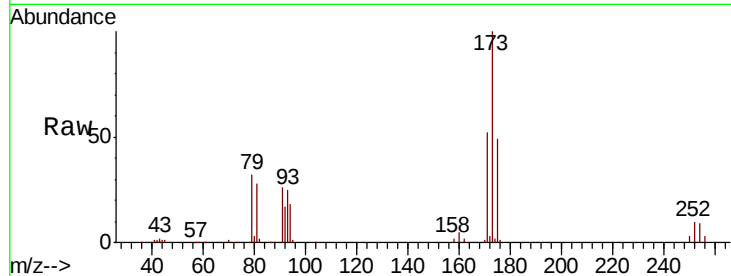




#71  
 Bromoform  
 Concen: 50.848 ug/l  
 RT: 12.13 min Scan# 3221  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

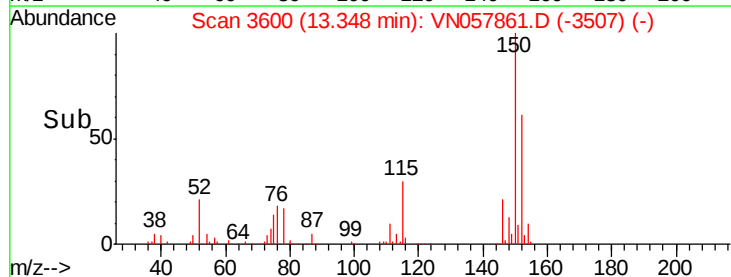
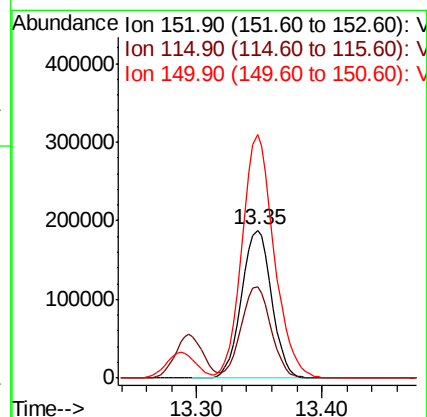
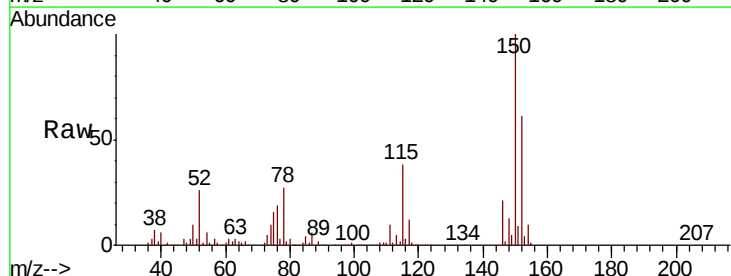
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

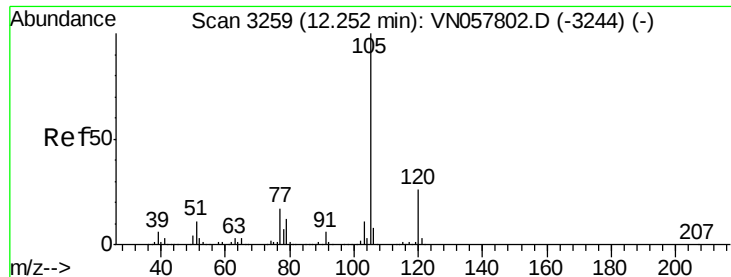
Tgt Ion:173 Resp: 146921  
 Ion Ratio Lower Upper  
 173 100  
 175 49.9 23.5 70.6  
 254 0.0 0.1 0.1#



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.35 min Scan# 3600  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion:152 Resp: 312561  
 Ion Ratio Lower Upper  
 152 100  
 115 61.5 30.3 91.0  
 150 174.9 0.0 352.4





#73

Isopropylbenzene

Concen: 49.744 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

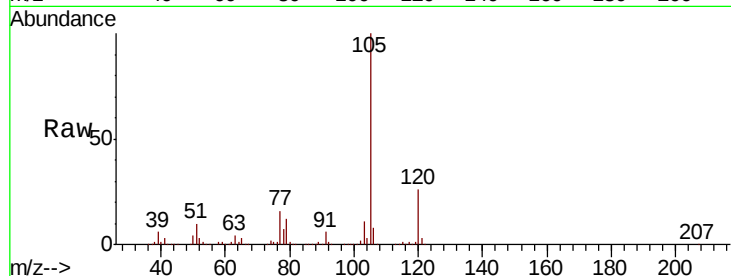
VSTDCCC050

Tgt Ion:105 Resp: 1206479

Ion Ratio Lower Upper

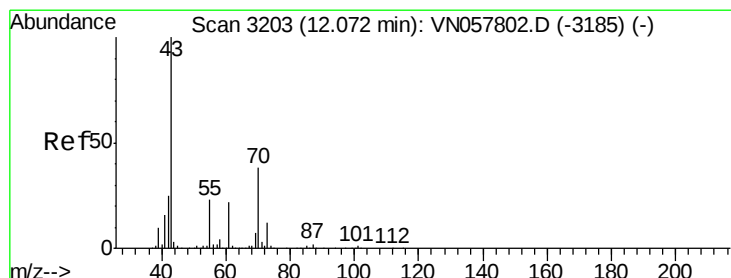
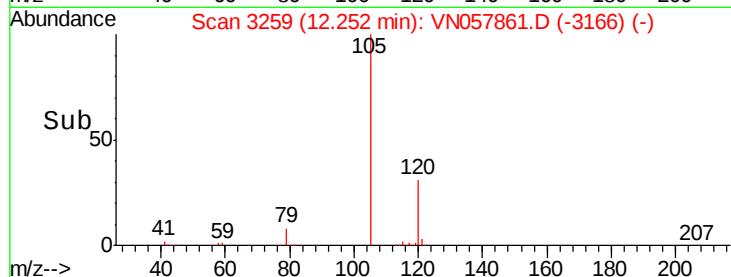
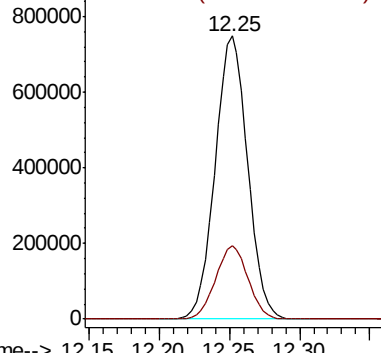
105 100

120 25.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.721 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Tgt Ion: 43 Resp: 503711

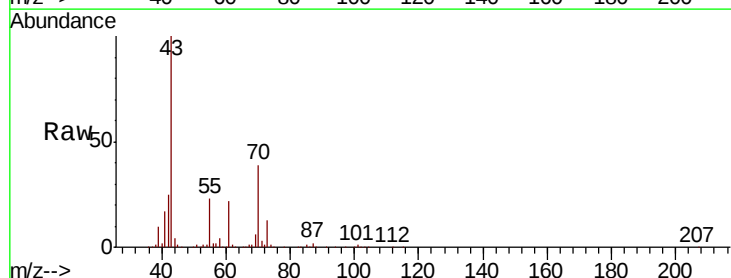
Ion Ratio Lower Upper

43 100

70 39.1 30.6 45.8

55 23.8 18.6 27.8

61 22.2 17.4 26.2

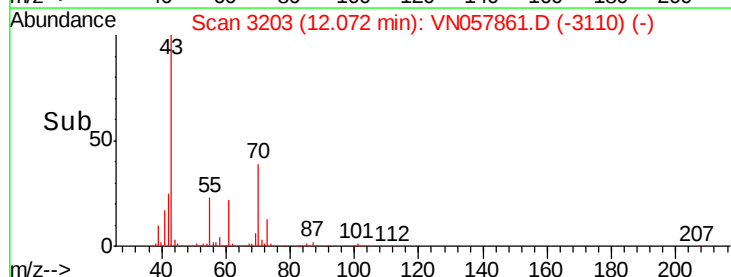
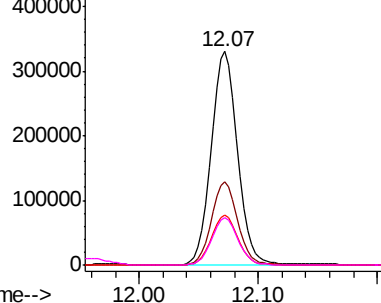


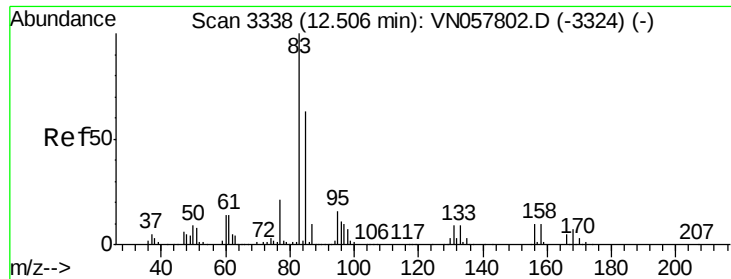
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.397 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

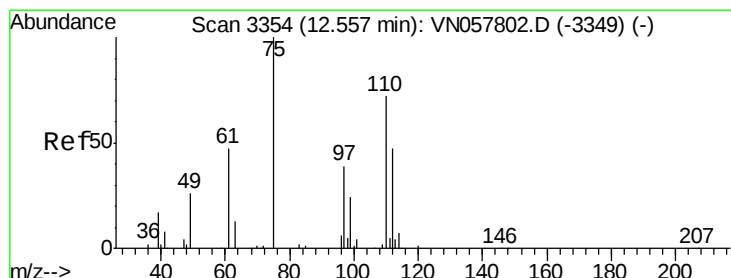
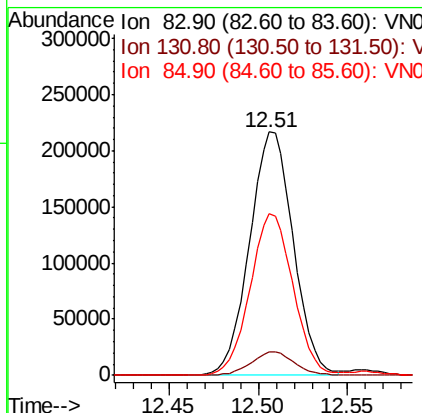
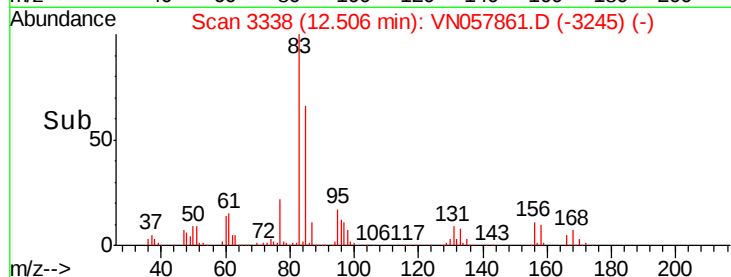
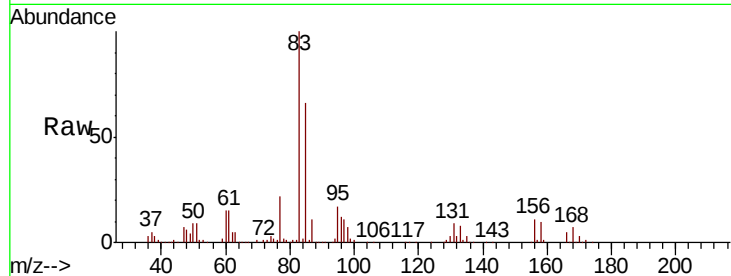
Tgt Ion: 83 Resp: 370722

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

85 65.1 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 64.222 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057861.D

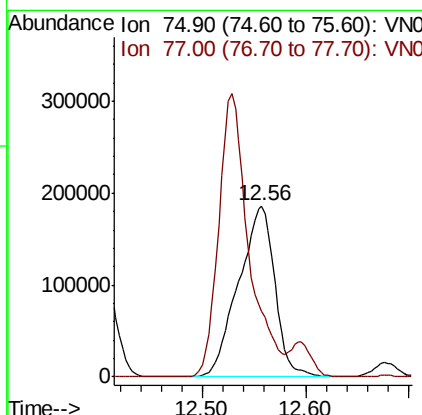
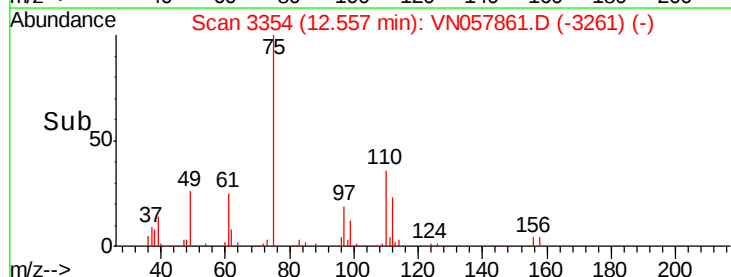
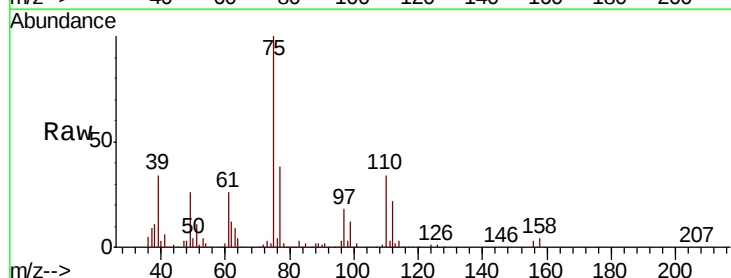
Acq: 10 Sep 2019 14:42

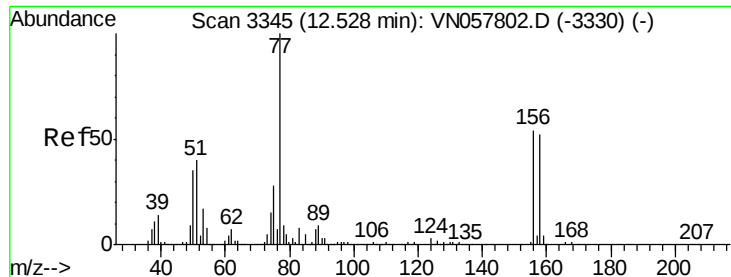
Tgt Ion: 75 Resp: 454094

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.462 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

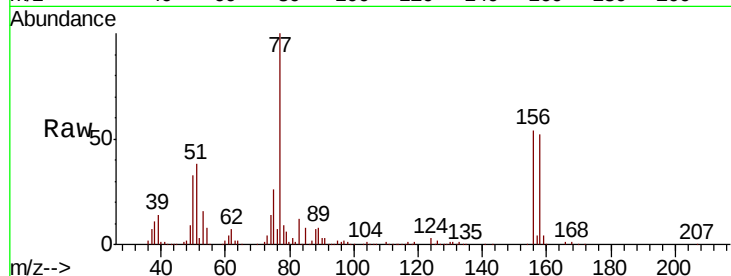
Tgt Ion:156 Resp: 280953

Ion Ratio Lower Upper

156 100

77 223.5 113.7 341.1

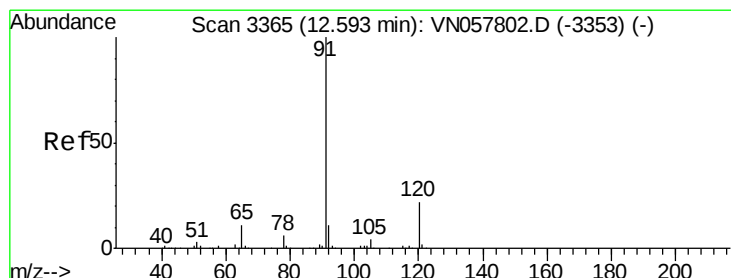
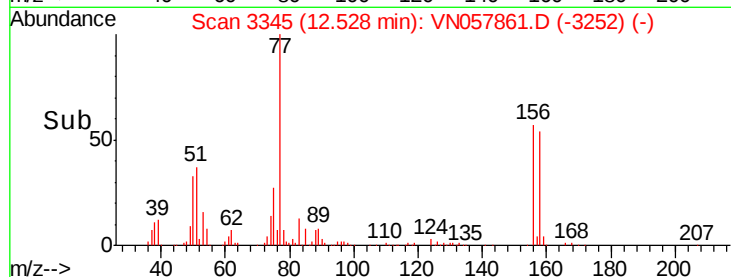
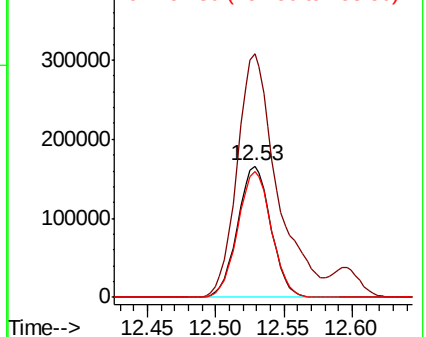
158 97.0 48.5 145.6



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: 51.613 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057861.D

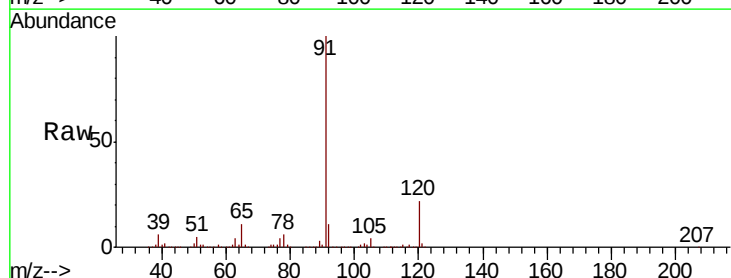
Acq: 10 Sep 2019 14:42

Tgt Ion: 91 Resp: 1437467

Ion Ratio Lower Upper

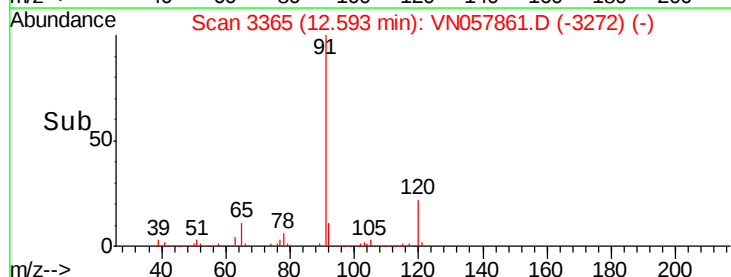
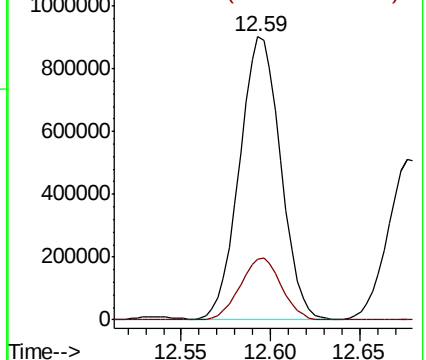
91 100

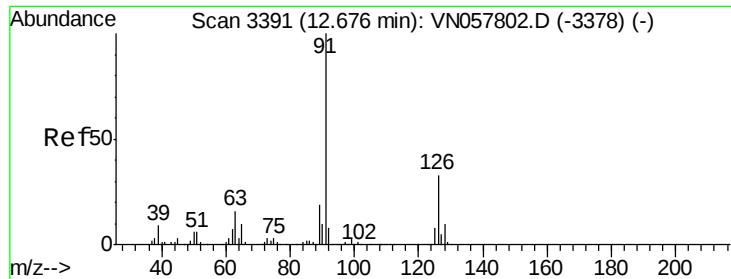
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.893 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

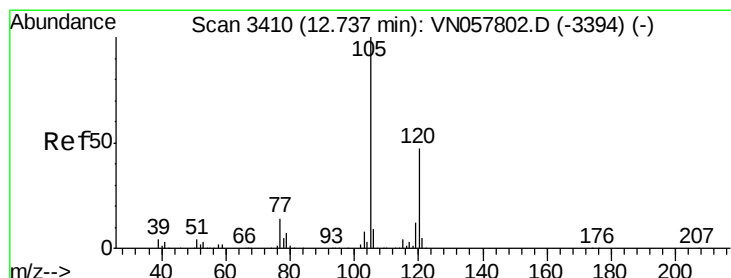
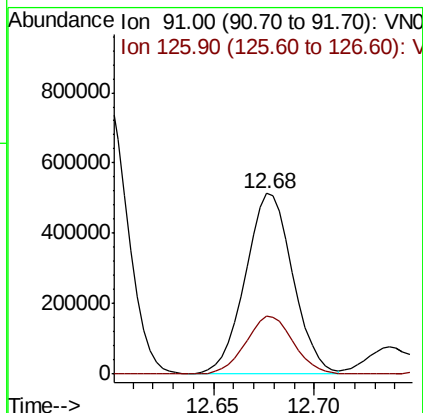
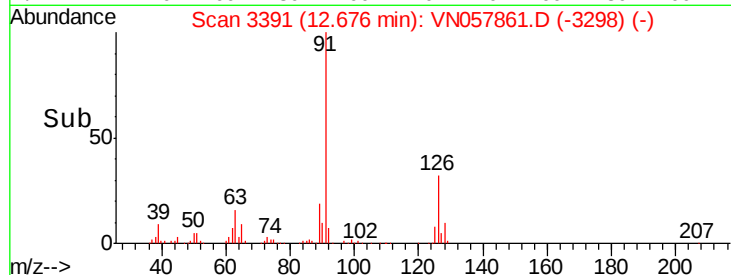
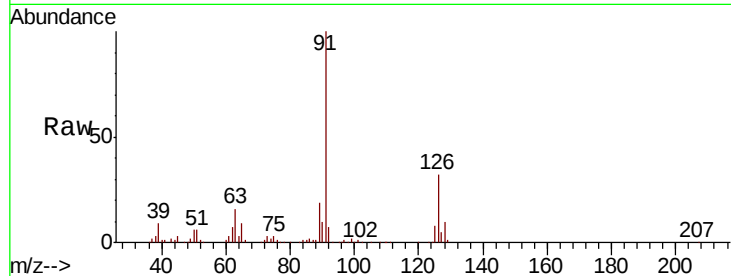
VSTDCCC050

Tgt Ion: 91 Resp: 843041

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 51.125 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057861.D

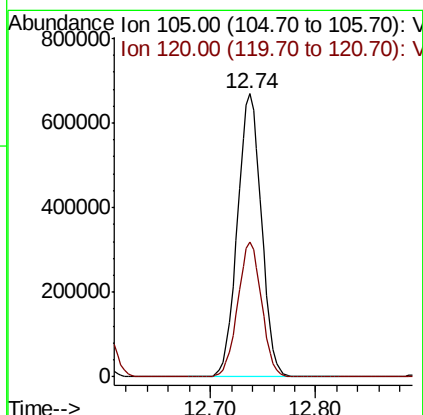
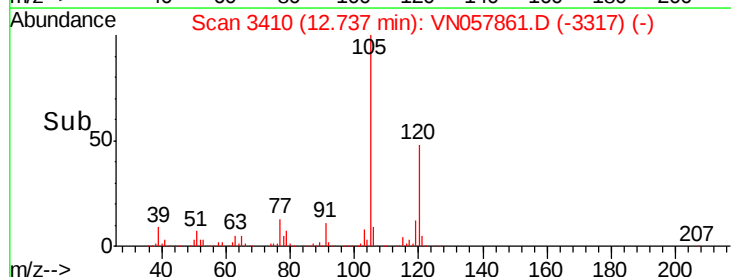
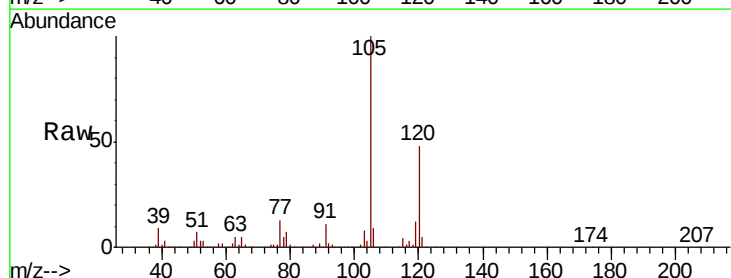
Acq: 10 Sep 2019 14:42

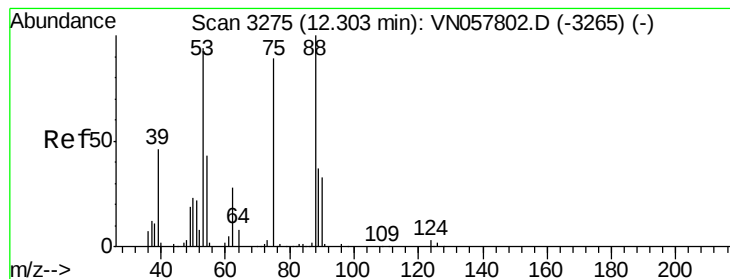
Tgt Ion: 105 Resp: 1047698

Ion Ratio Lower Upper

105 100

120 47.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 49.352 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

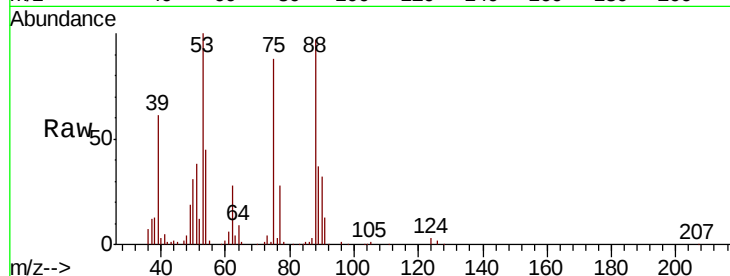
Tgt Ion: 75 Resp: 99161

Ion Ratio Lower Upper

75 100

53 115.8 88.4 132.6

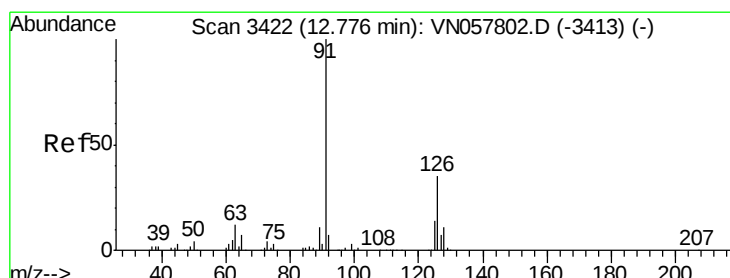
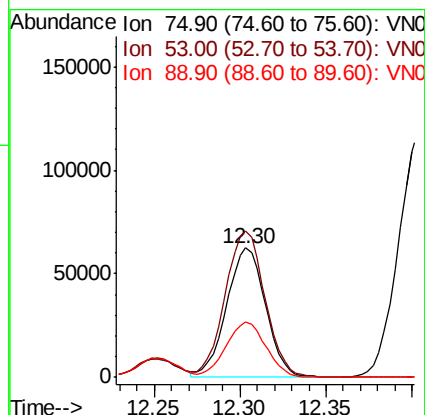
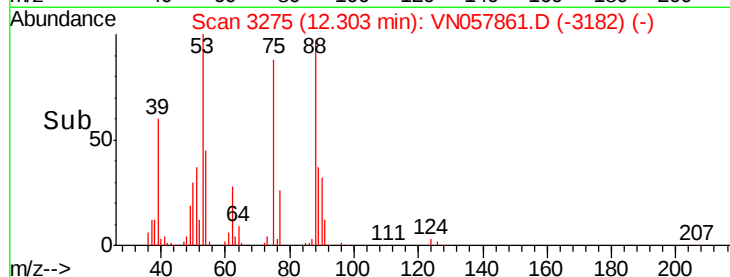
89 43.5 35.3 52.9



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: 49.313 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057861.D

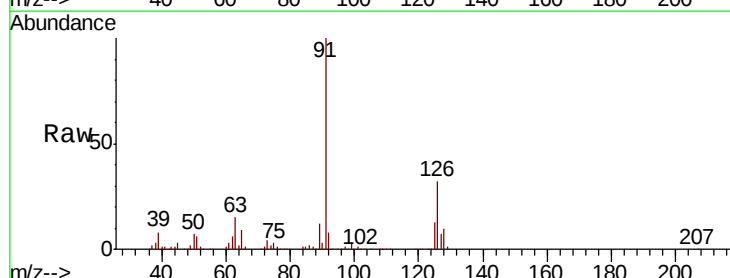
Acq: 10 Sep 2019 14:42

Tgt Ion: 91 Resp: 891417

Ion Ratio Lower Upper

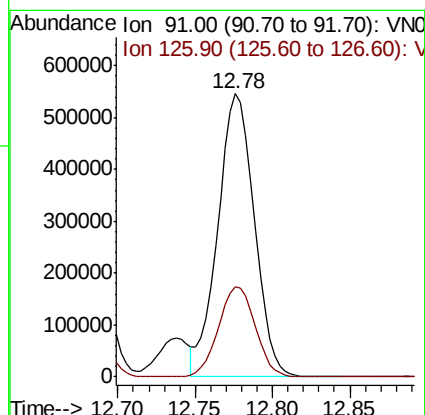
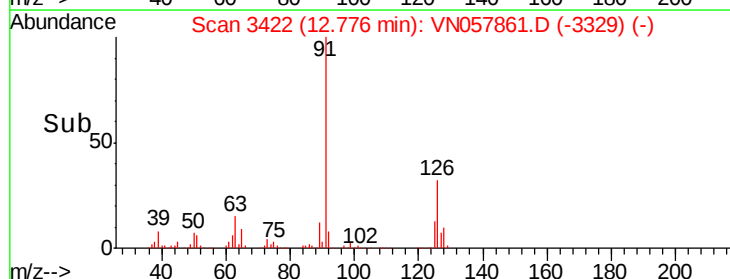
91 100

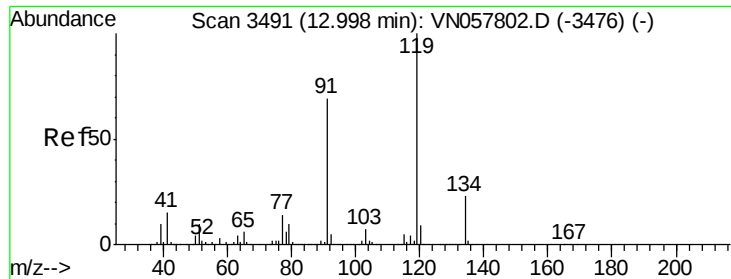
126 32.2 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

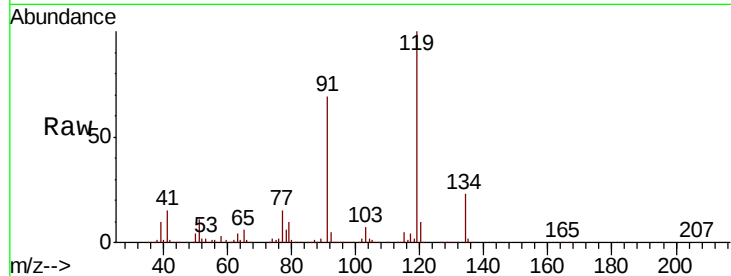




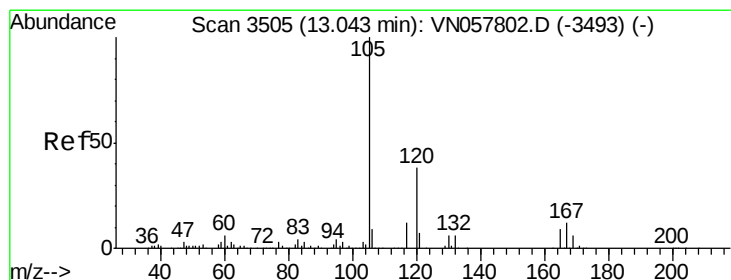
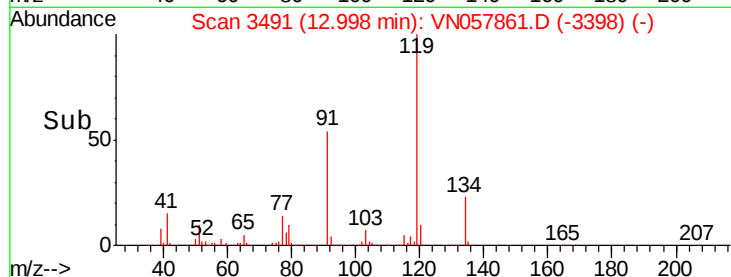
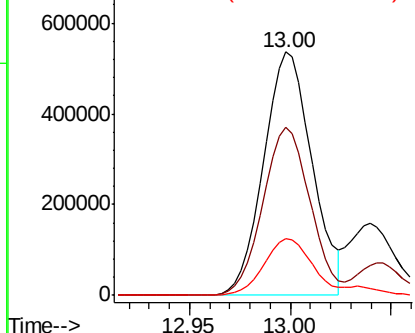
#83  
 tert-Butylbenzene  
 Concen: 49.134 ug/l  
 RT: 13.00 min Scan# 3491  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:119 Resp: 895050  
 Ion Ratio Lower Upper  
 119 100  
 91 67.5 33.6 100.8  
 134 23.3 11.7 35.0

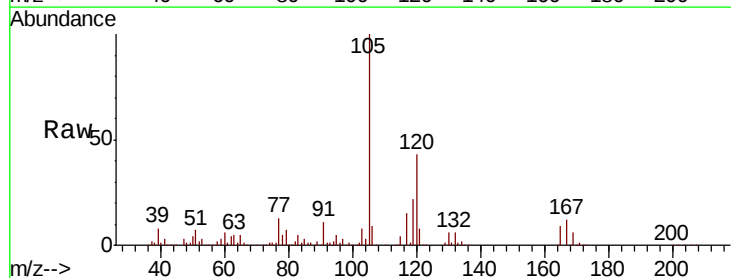


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

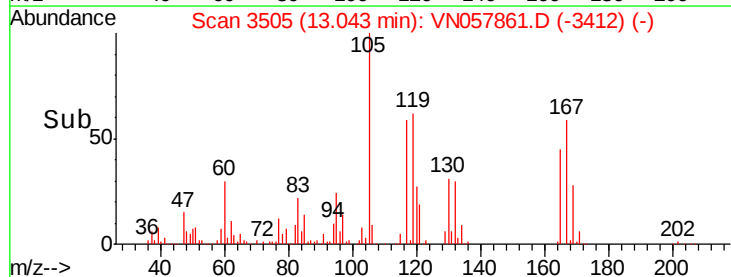
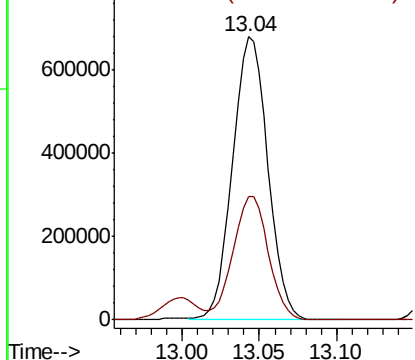


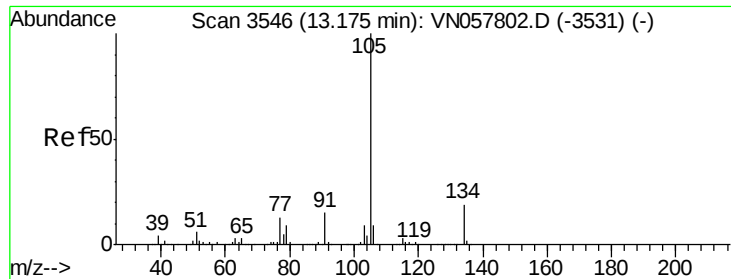
#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.329 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion:105 Resp: 1069080  
 Ion Ratio Lower Upper  
 105 100  
 120 43.6 22.4 67.2



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

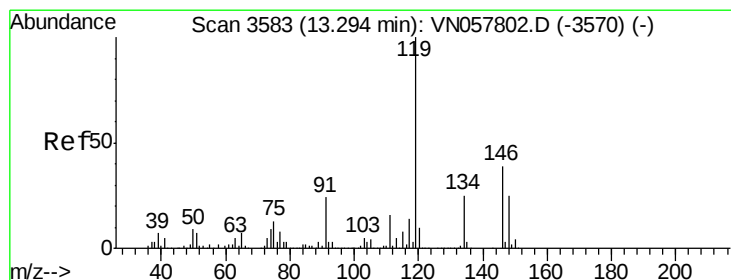
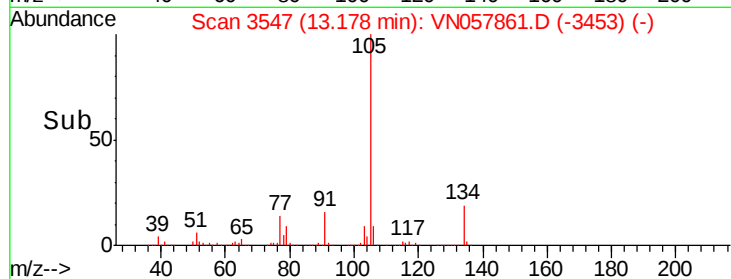
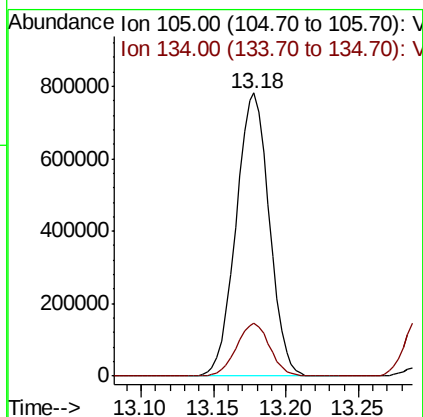
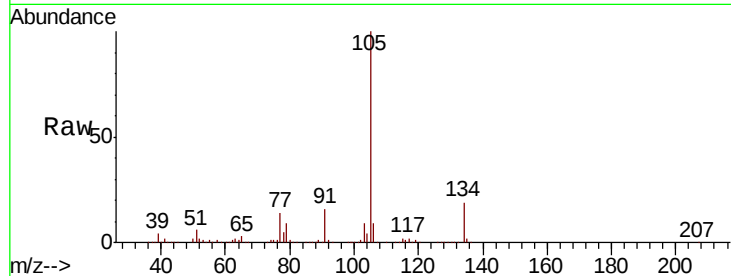




#85  
 sec-Butylbenzene  
 Concen: 51.383 ug/l  
 RT: 13.18 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

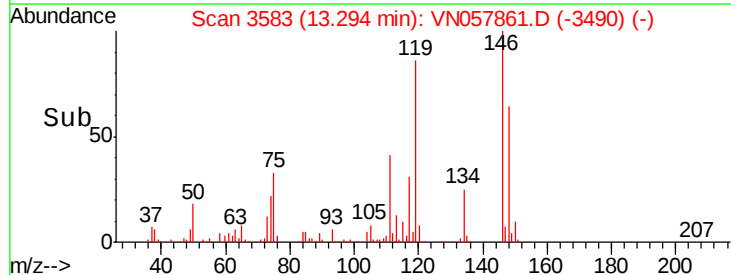
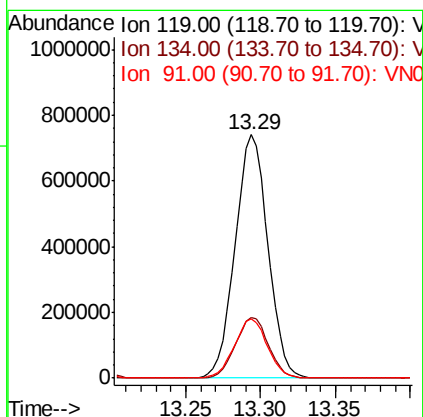
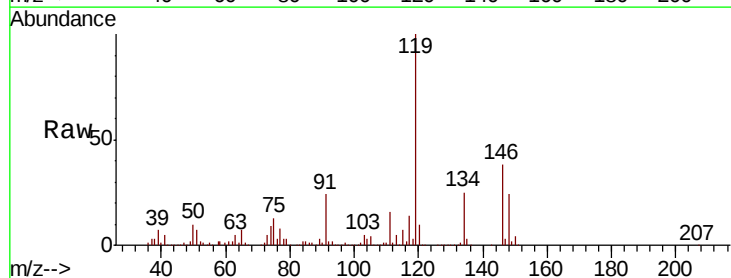
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

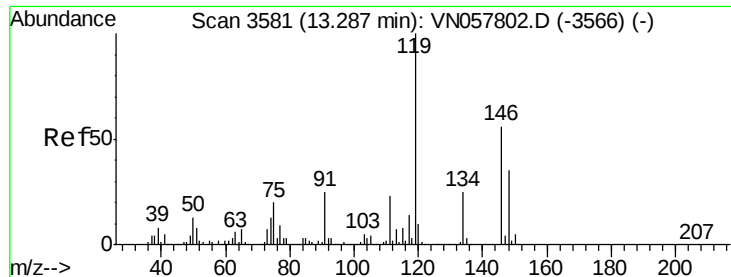
Tgt Ion:105 Resp: 1240599  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 52.927 ug/l  
 RT: 13.29 min Scan# 3583  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion:119 Resp: 1125948  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.5 37.5  
 91 24.4 12.3 36.8

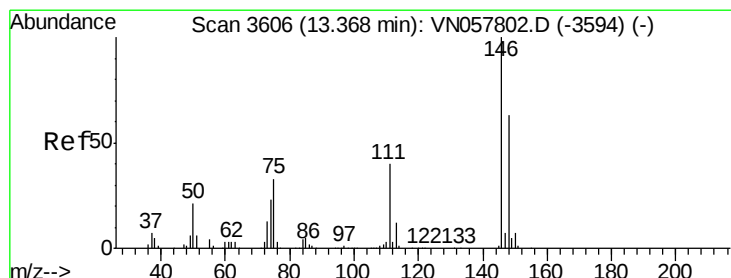
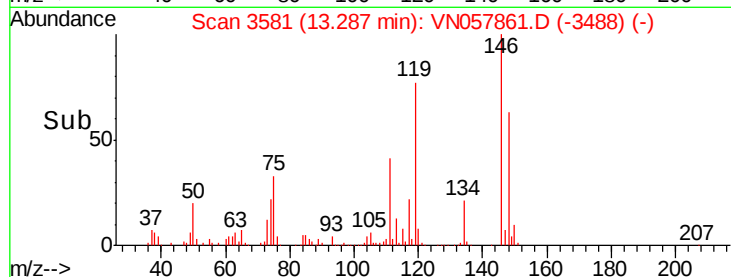
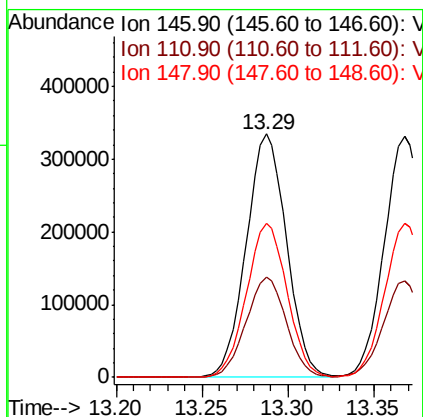
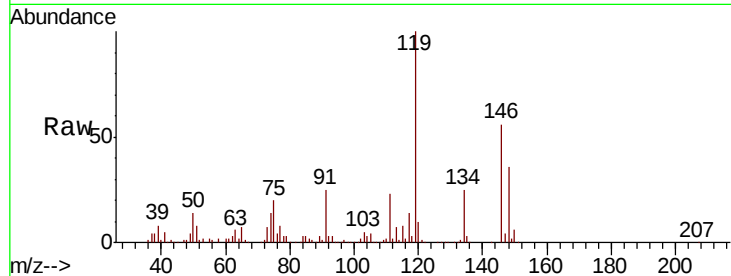




#87  
 1,3-Dichlorobenzene  
 Concen: 49.079 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

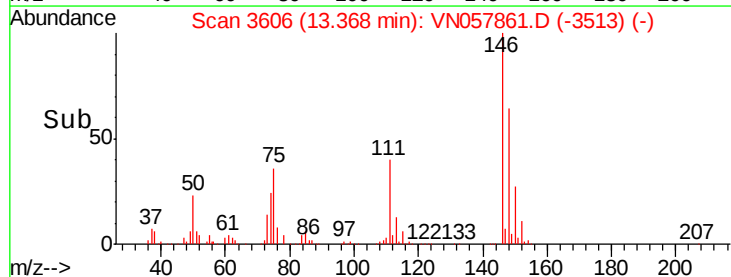
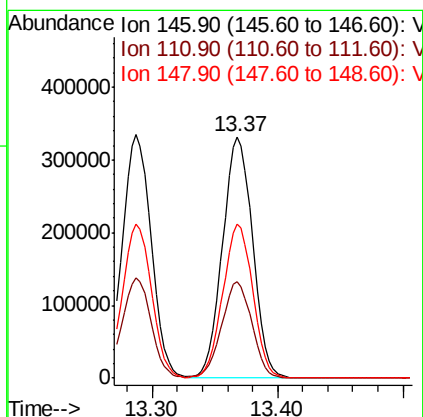
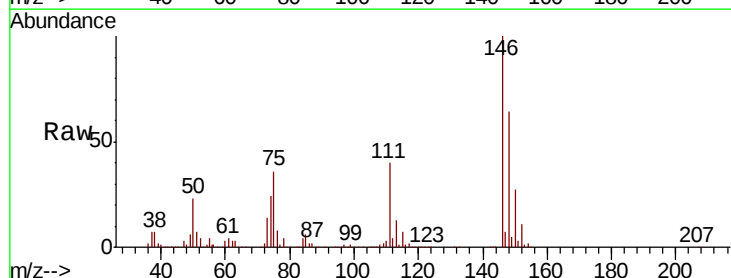
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

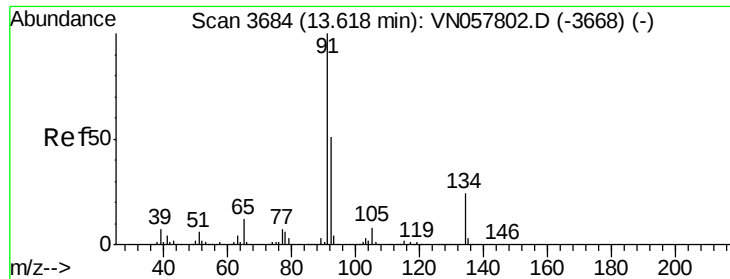
Tgt Ion:146 Resp: 544738  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 20.5 61.6  
 148 63.6 31.5 94.5



#88  
 1,4-Dichlorobenzene  
 Concen: 48.858 ug/l  
 RT: 13.37 min Scan# 3606  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion:146 Resp: 550453  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 20.4 61.2  
 148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 53.076 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

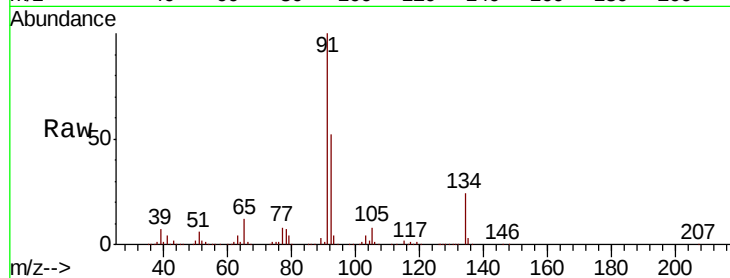
Tgt Ion: 91 Resp: 1066301

Ion Ratio Lower Upper

91 100

92 51.5 25.7 77.0

134 23.9 11.9 35.7

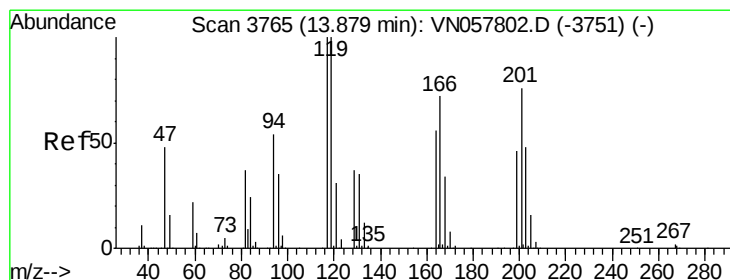
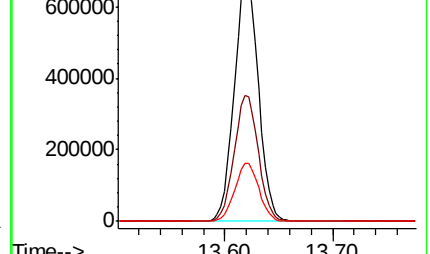
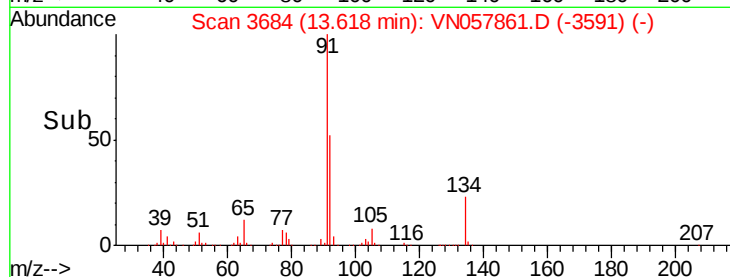


Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 52.434 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057861.D

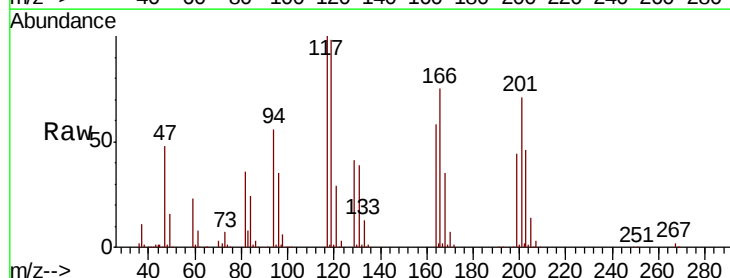
Acq: 10 Sep 2019 14:42

Tgt Ion: 117 Resp: 165892

Ion Ratio Lower Upper

117 100

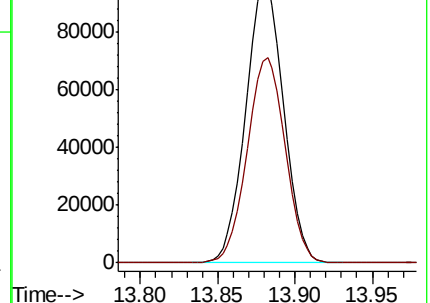
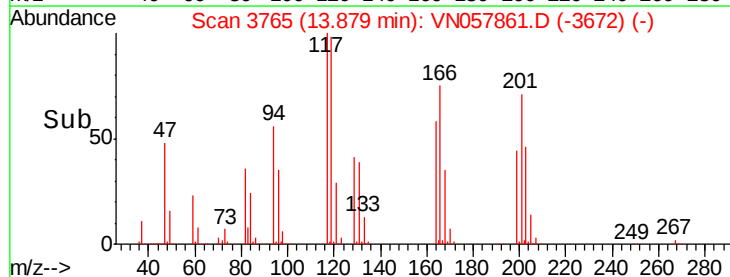
201 73.3 37.5 112.7

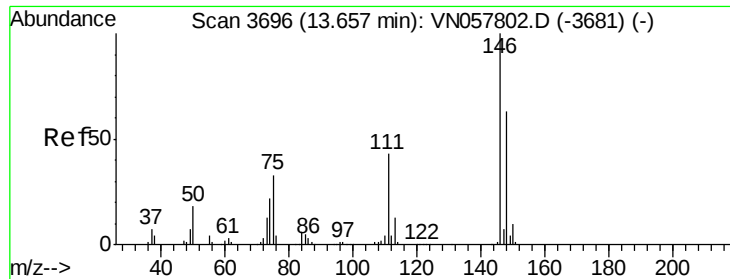


Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)

Time-->

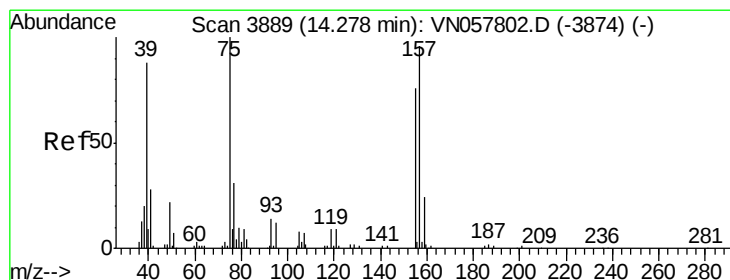
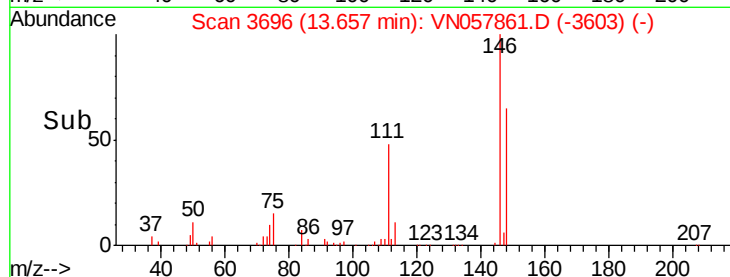
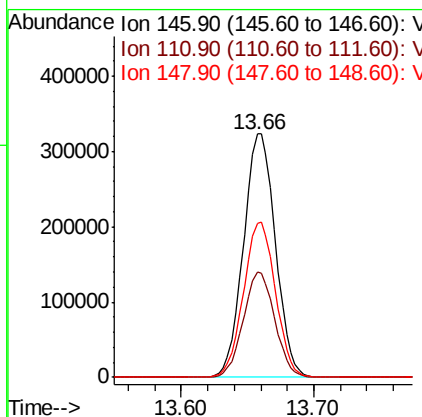
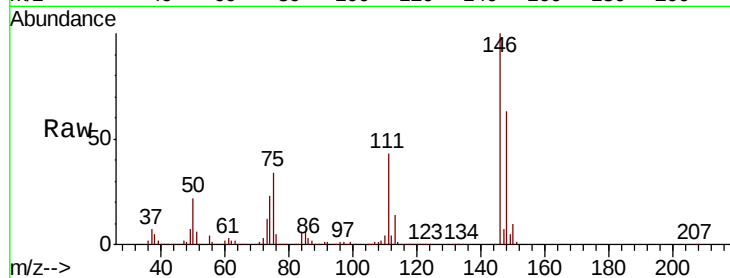




#91  
 1,2-Dichlorobenzene  
 Concen: 48.894 ug/l  
 RT: 13.66 min Scan# 3696  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

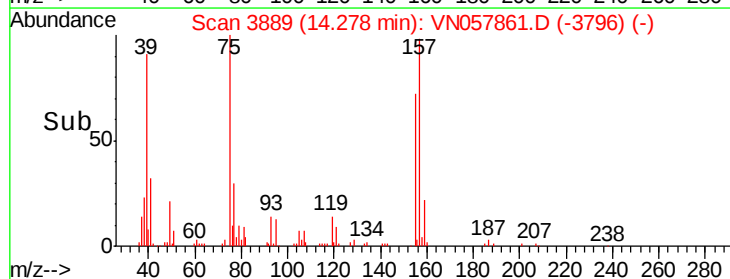
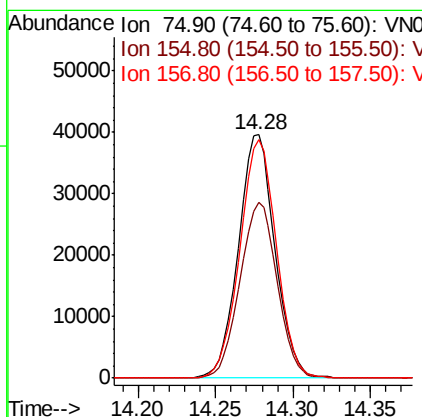
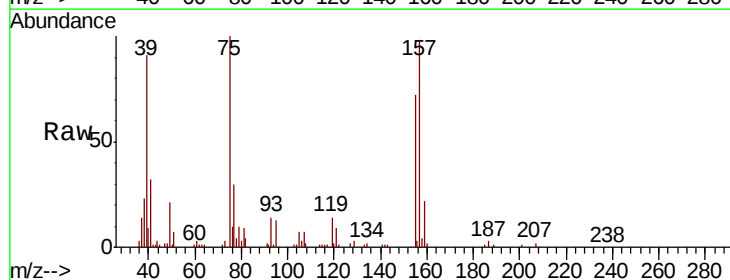
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

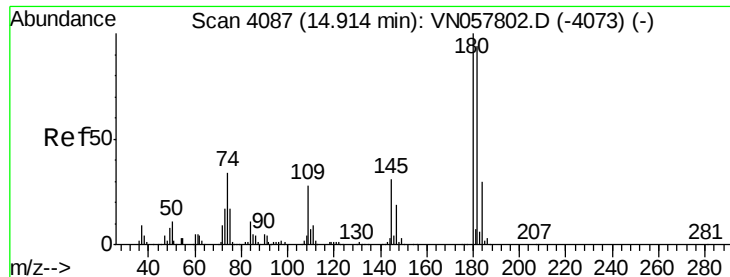
Tgt Ion: 146 Resp: 542169  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 21.3 63.9  
 148 63.7 31.4 94.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.240 ug/l  
 RT: 14.28 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion: 75 Resp: 65057  
 Ion Ratio Lower Upper  
 75 100  
 155 73.7 37.3 111.8  
 157 98.4 47.9 143.8

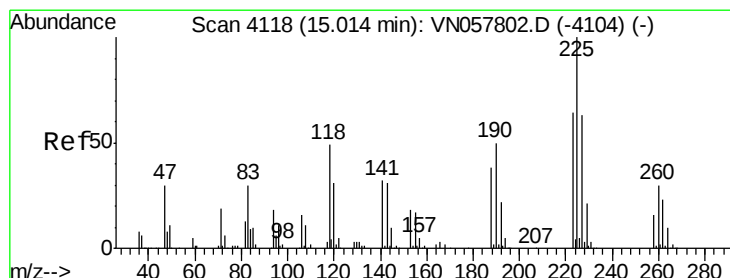
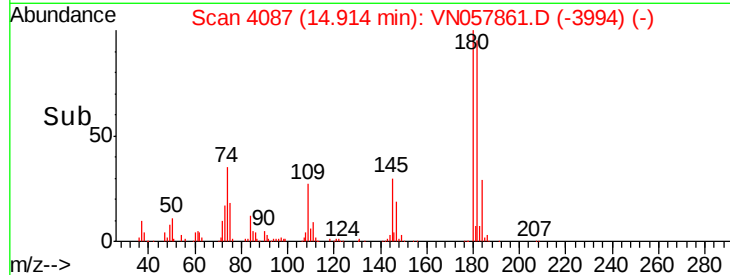
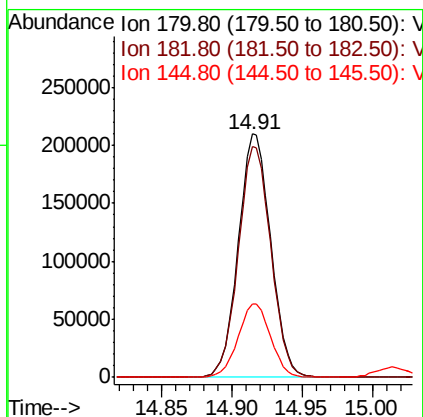
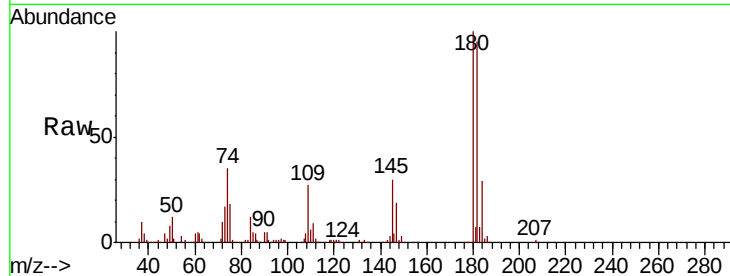




#93  
 1,2,4-Trichlorobenzene  
 Concen: 46.651 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

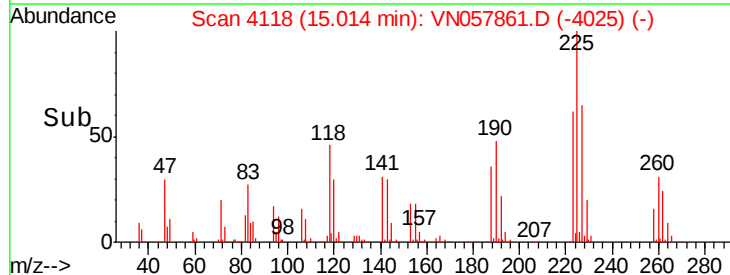
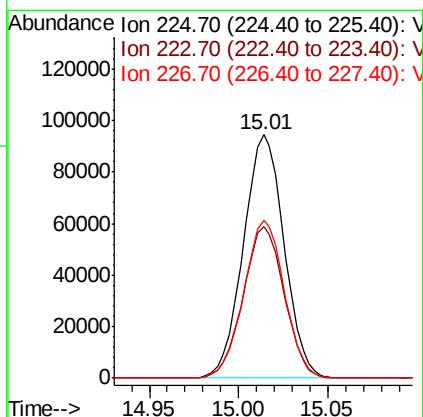
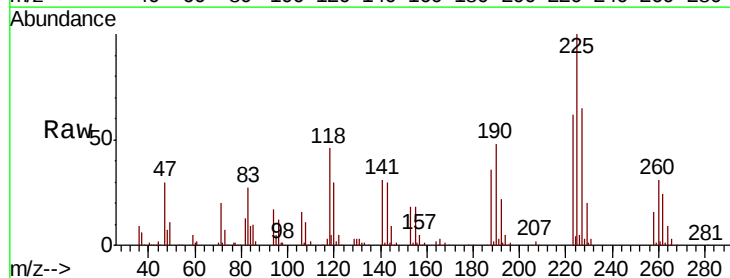
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

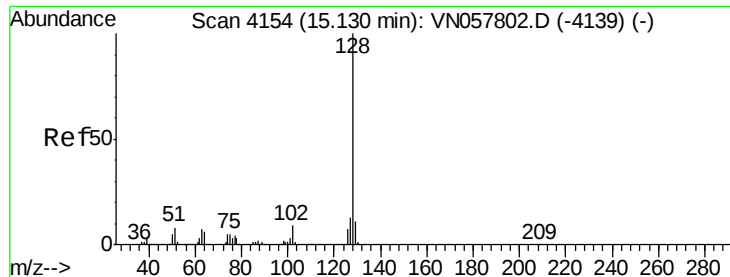
Tgt Ion:180 Resp: 338113  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 46.9 140.8  
 145 30.4 14.9 44.7



#94  
 Hexachlorobutadiene  
 Concen: 48.882 ug/l  
 RT: 15.01 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN057861.D  
 Acq: 10 Sep 2019 14:42

Tgt Ion:225 Resp: 150183  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 32.4 97.2  
 227 64.6 31.8 95.4





#95

Naphthalene

Concen: 50.947 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

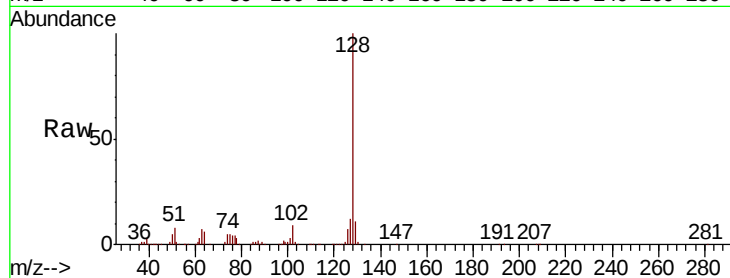
Tgt Ion:128 Resp: 931646

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

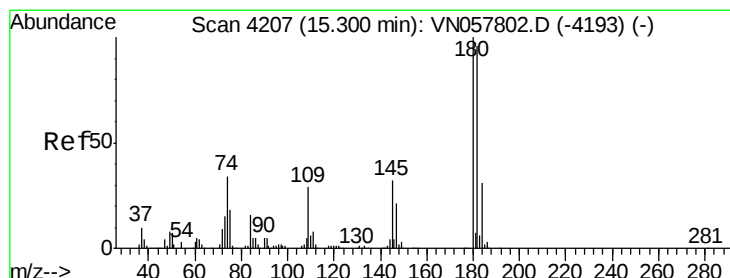
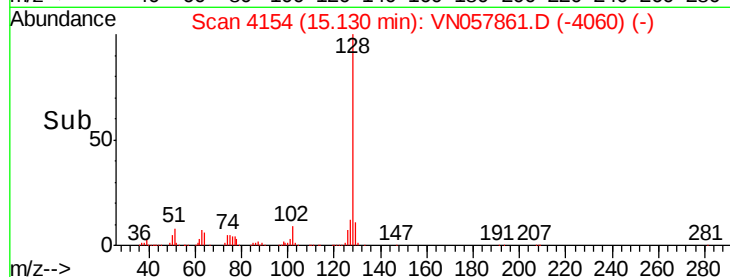
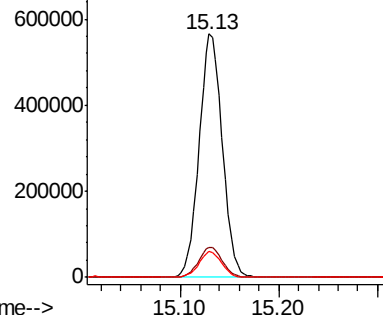
129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.062 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057861.D

Acq: 10 Sep 2019 14:42

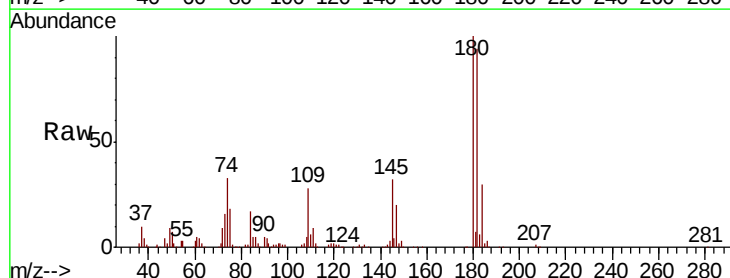
Tgt Ion:180 Resp: 316769

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.8

145 32.0 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

