

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\  
 Data File : VN055051.D  
 Acq On : 15 Apr 2019 19:08  
 Operator : JC/SP  
 Sample : VN0415WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

Quant Time: Apr 16 05:53:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 15 12:28:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 386709   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 652043   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 561485   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 229807   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 261580   | 50.89 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.78% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 210861   | 48.39 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.78%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 773196   | 49.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.16%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 254396   | 50.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.34% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 87674    | 19.950  | ug/l   | 98     |
| 3) Chloromethane              | 2.06 | 50   | 119308   | 20.814  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.19 | 62   | 97018    | 20.137  | ug/l   | 98     |
| 5) Bromomethane               | 2.55 | 94   | 55271    | 20.278  | ug/l   | 94     |
| 6) Chloroethane               | 2.70 | 64   | 53087    | 20.432  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 122202   | 20.281  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 39545    | 20.560  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 62665    | 19.873  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.94 | 142  | 93729    | 19.154  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.82 | 59   | 27717    | 98.371  | ug/l # | 72     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 61316    | 19.977  | ug/l   | 99     |
| 13) Acrolein                  | 3.60 | 56   | 31948    | 91.733  | ug/l   | 96     |
| 14) Allyl chloride            | 4.32 | 41   | 152043   | 20.237  | ug/l   | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 174384   | 103.445 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43   | 117299   | 84.075  | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.04 | 76   | 185197   | 18.692  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 86979    | 21.380  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 230090   | 20.956  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.54 | 84   | 96479    | 19.671  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96   | 84206    | 20.284  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.96 | 45   | 326700   | 21.153  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1086222  | 106.402 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.84 | 63   | 170419   | 20.721  | ug/l   | 99     |
| 25) 2-Butanone                | 6.85 | 43   | 206297   | 99.073  | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 101532   | 19.559  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.82 | 96   | 97583    | 20.778  | ug/l   | 100    |
| 28) Bromochloromethane        | 7.19 | 49   | 82835    | 20.893  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 141533   | 103.649 | ug/l   | 99     |
| 30) Chloroform                | 7.37 | 83   | 163348   | 20.447  | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 155898   | 20.708  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.56 | 97   | 128790   | 20.348  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 117401   | 19.100  | ug/l   | 100    |
| 37) Ethyl Acetate             | 6.94 | 43   | 91412    | 18.267  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 106240   | 18.167  | ug/l   | 99     |

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 Sample : VN0415WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

Quant Time: Apr 16 05:53:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 15 12:28:28 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 125589   | 18.855  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 370608   | 20.005  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 49131    | 17.687  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 128017   | 19.903  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 151587   | 19.659  | ug/l   | 99       |
| 44) Trichloroethene            | 8.83  | 130  | 94181    | 20.297  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 104499   | 20.226  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 59636    | 20.279  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 118817   | 19.597  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 74421    | 19.472  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.21  | 88   | 14023    | 391.635 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 440992   | 98.996  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 215618   | 20.322  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 102205   | 19.290  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 129965   | 19.763  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 79418    | 19.428  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 98891    | 20.157  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 141441   | 20.322  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 193456   | 96.659  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 273481   | 97.743  | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.90 | 129  | 78066    | 19.557  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 75750    | 20.133  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 88355    | 19.352  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 224867   | 19.896  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 81077    | 19.504  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 402446   | 19.939  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 296549   | 40.574  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 145248   | 20.518  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 238214   | 20.789  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 47119    | 19.776  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 384400   | 18.850  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 111778   | 19.472  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 98966    | 18.137  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 115039   | 27.838  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 94723    | 18.632  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 424736   | 19.278  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 262289   | 19.086  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 313888   | 19.074  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 19316    | 18.691  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 247250   | 19.284  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 265846   | 19.128  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 303589   | 19.466  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 339457   | 19.168  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 295422   | 19.444  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 149384   | 19.332  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 145321   | 19.721  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 215888   | 19.141  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 44996    | 18.201  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 153025   | 19.682  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 11743    | 17.476  | ug/l   | 95       |

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Sample : VN0415WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0415WBS01

Quant Time: Apr 16 05:53:18 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041519W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 15 12:28:28 2019  
Response via : Initial Calibration

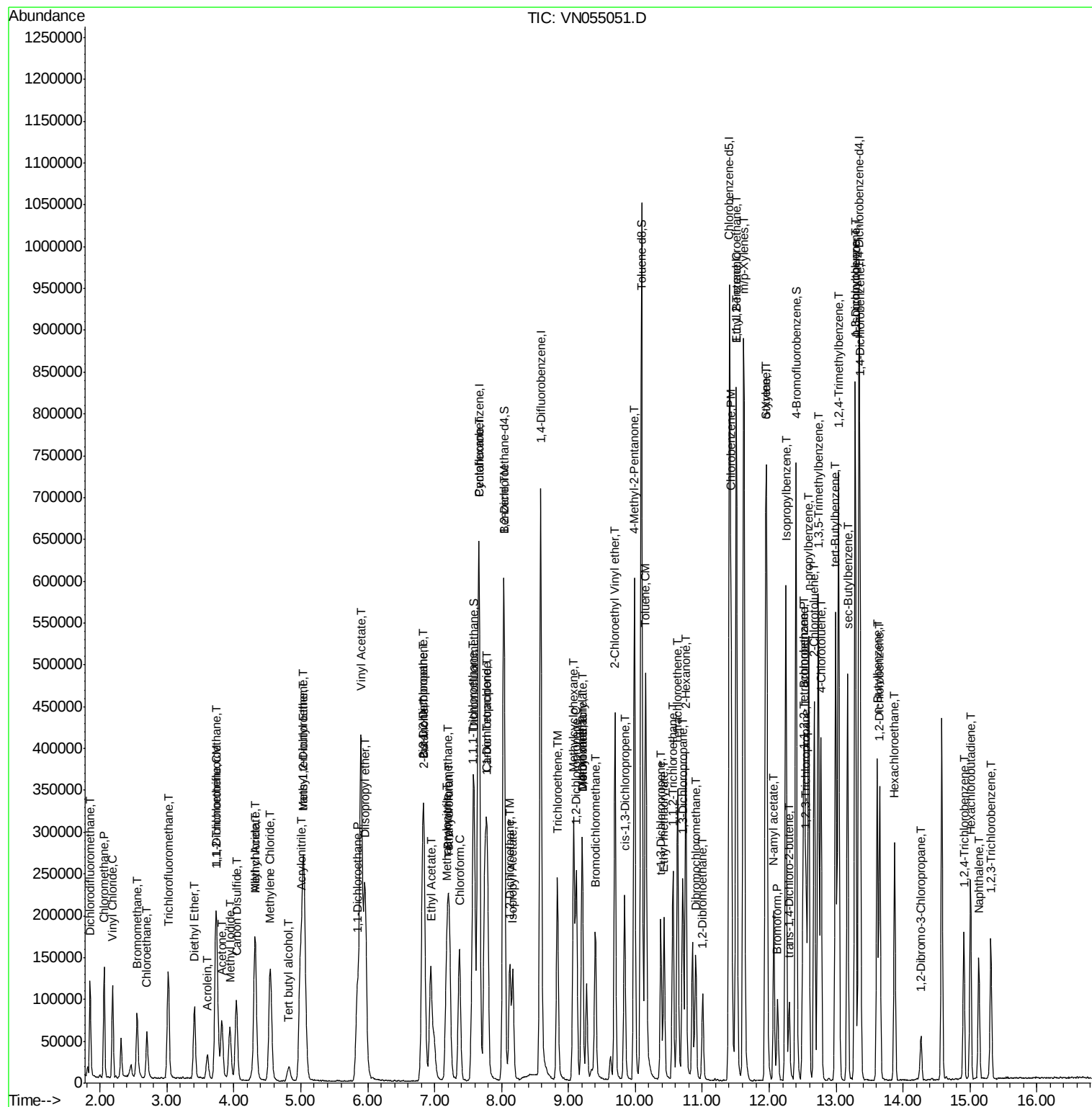
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 57143    | 18.023 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 47409    | 19.742 | ug/l  | 97       |
| 95) Naphthalene            | 15.13 | 128  | 124658   | 17.268 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 59466    | 19.826 | ug/l  | 98       |

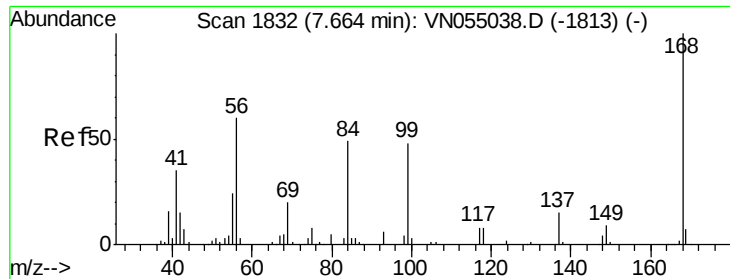
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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

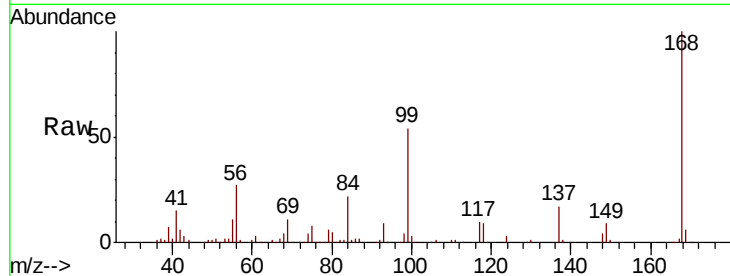
VN0415WBS01

Tot Ion:168 Resp: 386709

Ion Ratio Lower Upper

168 100

99 52.6 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)

7.66

150000

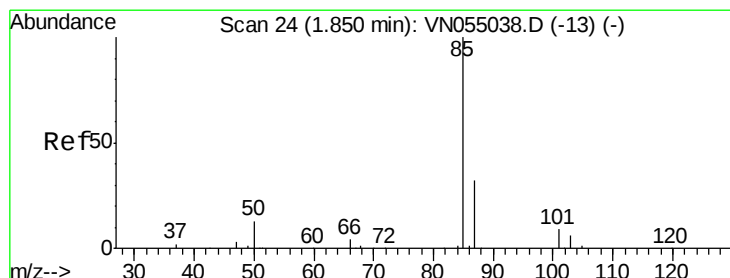
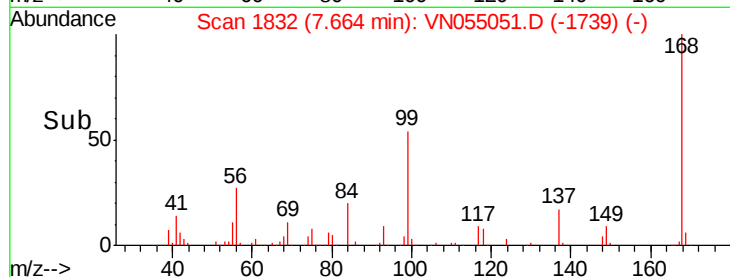
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 19.950 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055051.D

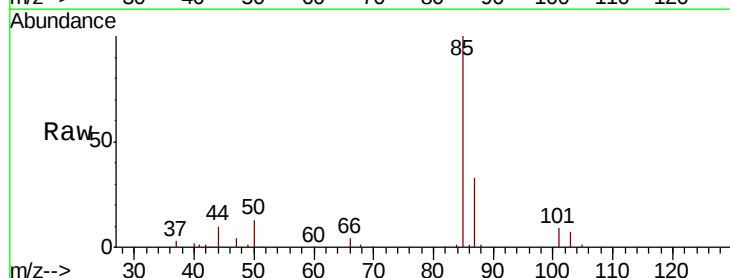
Acq: 15 Apr 2019 19:08

Tgt Ion: 85 Resp: 87674

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055038.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN055038.D (-13) (-)

1.85

60000

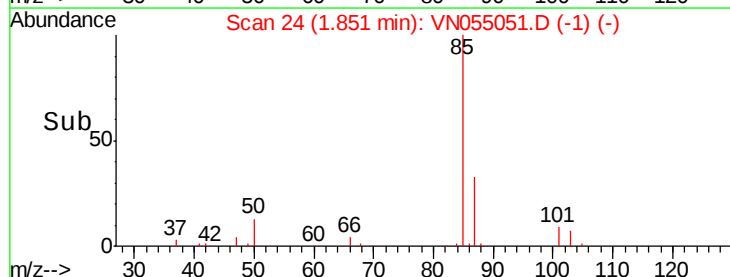
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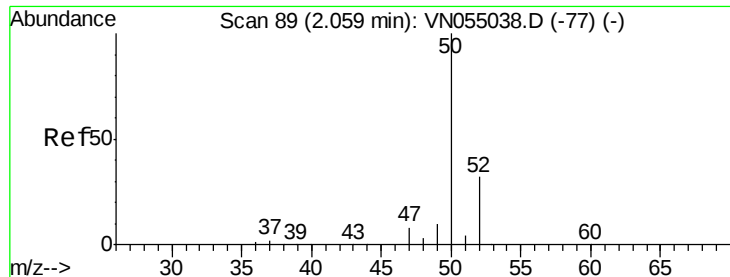
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0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.814 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

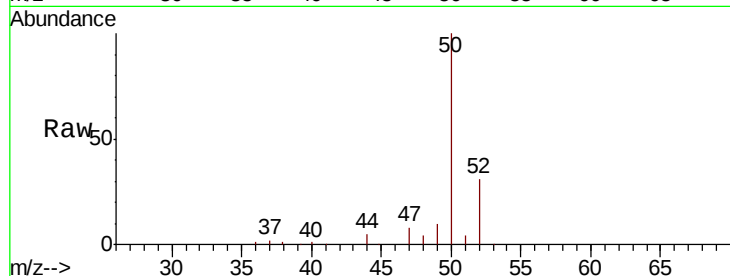
VN0415WBS01

Tot Ion: 50 Resp: 119308

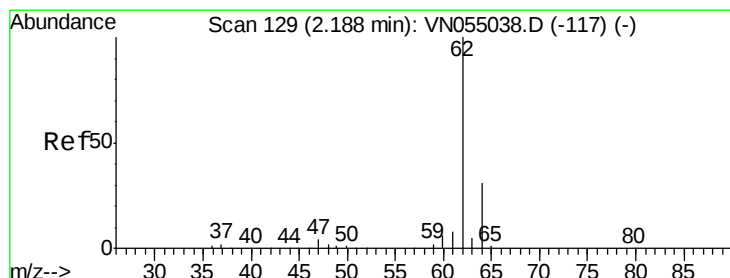
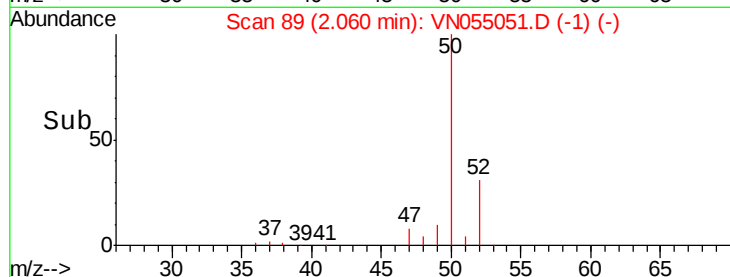
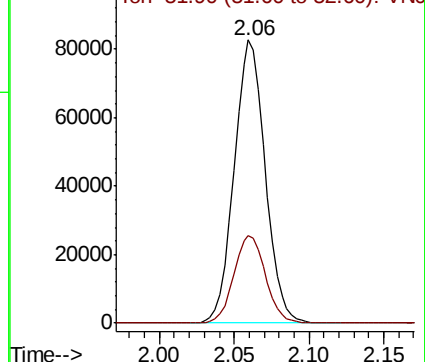
Ion Ratio Lower Upper

50 100

52 31.0 26.6 40.0



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



#4

Vinyl Chloride

Concen: 20.137 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055051.D

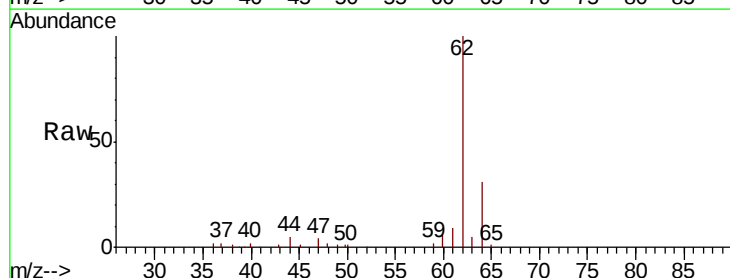
Acq: 15 Apr 2019 19:08

Tgt Ion: 62 Resp: 97018

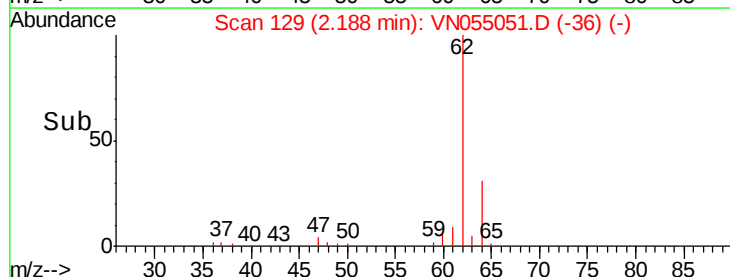
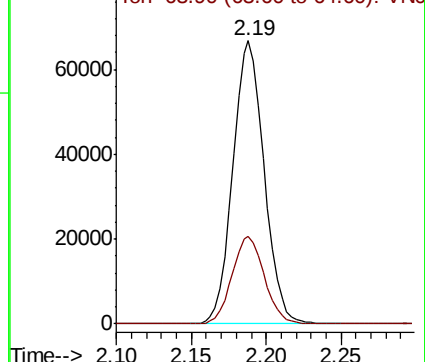
Ion Ratio Lower Upper

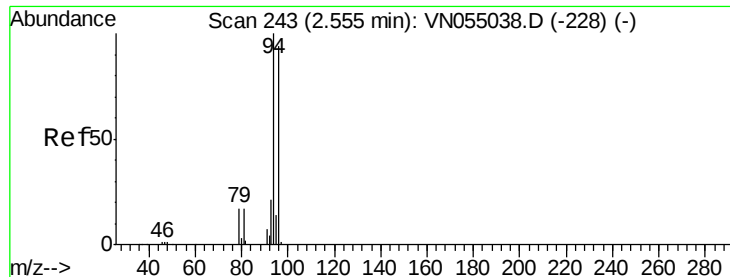
62 100

64 31.1 25.8 38.6



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





#5

Bromomethane

Concen: 20.278 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

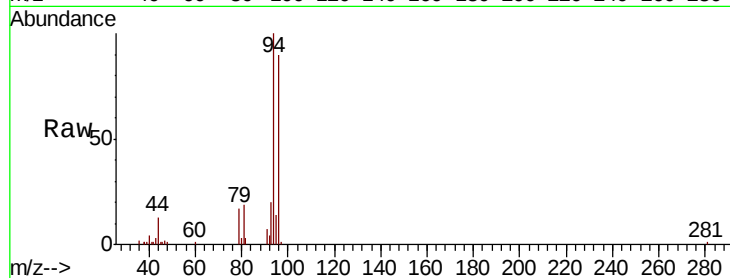
VN0415WBS01

Tot Ion: 94 Resp: 55271

Ion Ratio Lower Upper

94 100

96 89.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

30000

25000

20000

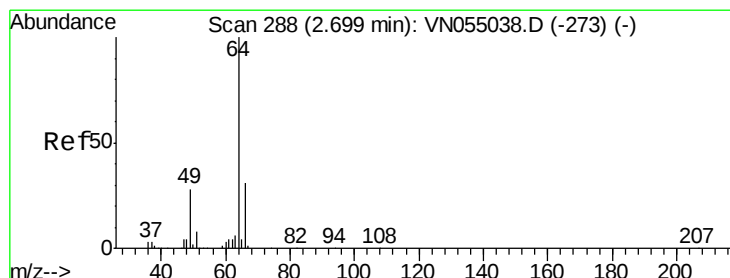
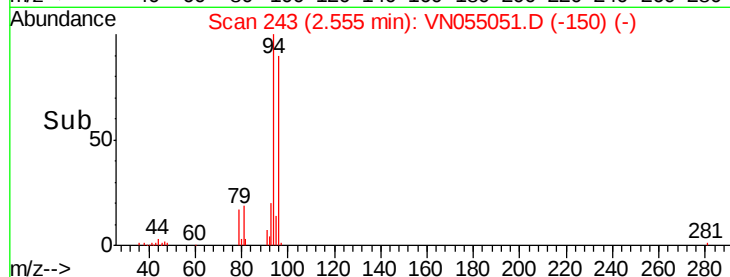
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 20.432 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN055051.D

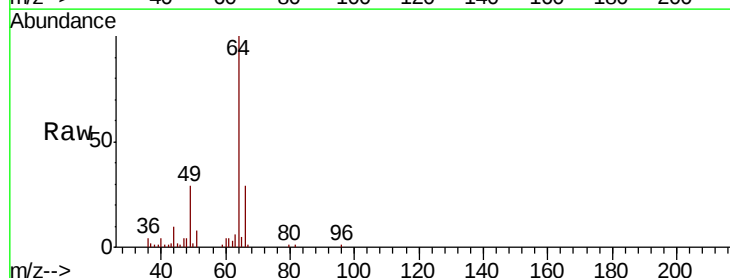
Acq: 15 Apr 2019 19:08

Tgt Ion: 64 Resp: 53087

Ion Ratio Lower Upper

64 100

66 28.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

30000

25000

20000

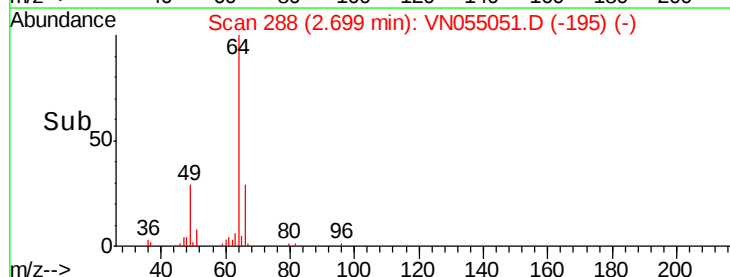
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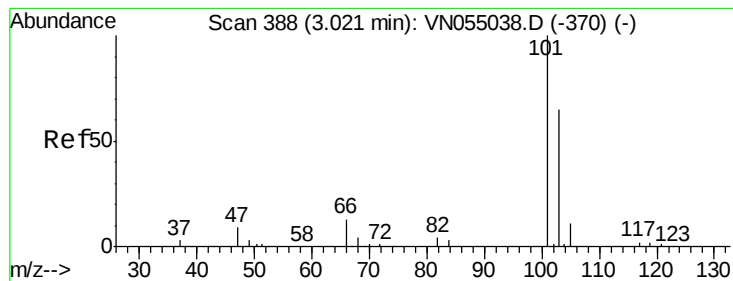
10000

5000

0

Time--> 2.60 2.65 2.70 2.75 2.80



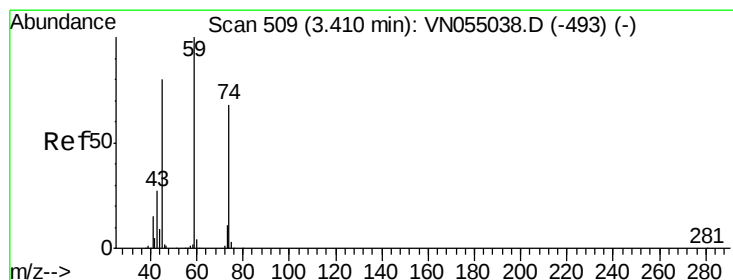
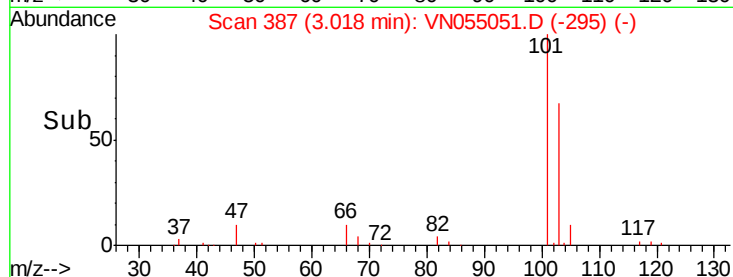
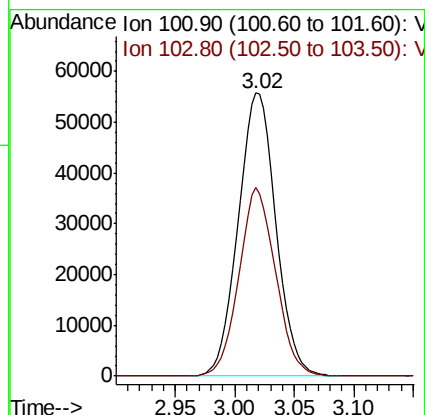
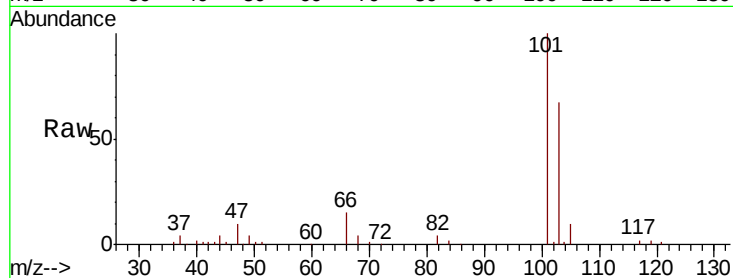


#7

Trichlorofluoromethane  
 Concen: 20.281 ug/l  
 RT: 3.02 min Scan# 387  
 Delta R.T. -0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

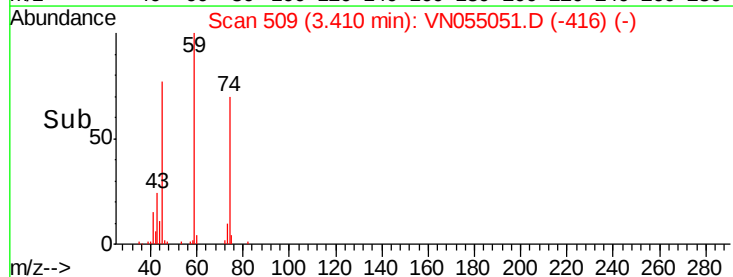
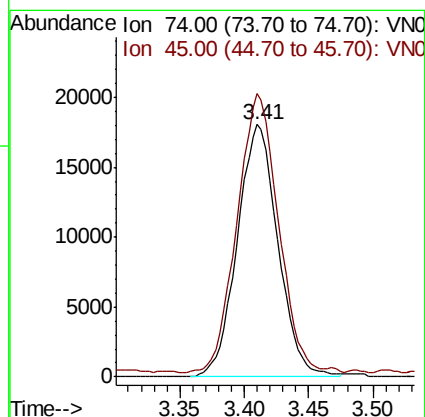
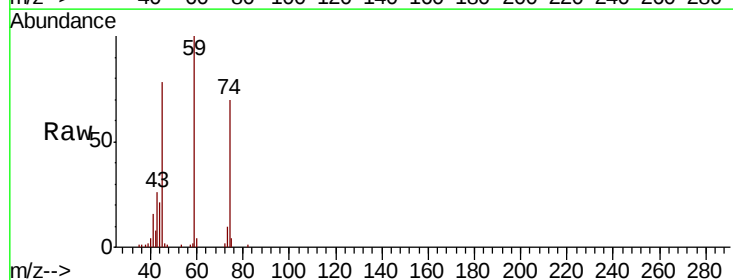
Tot Ion:101 Resp: 122202  
 Ion Ratio Lower Upper  
 101 100  
 103 66.7 52.5 78.7

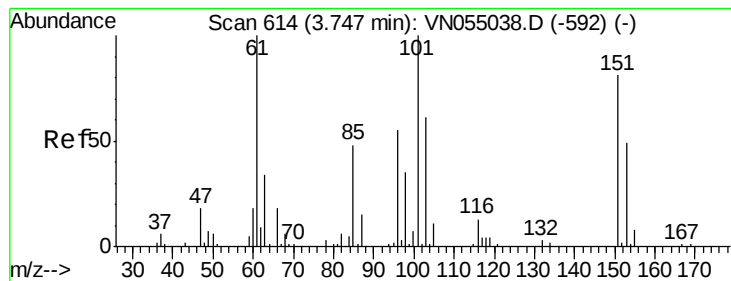


#8

Diethyl Ether  
 Concen: 20.560 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Tgt Ion: 74 Resp: 39545  
 Ion Ratio Lower Upper  
 74 100  
 45 111.5 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.873 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

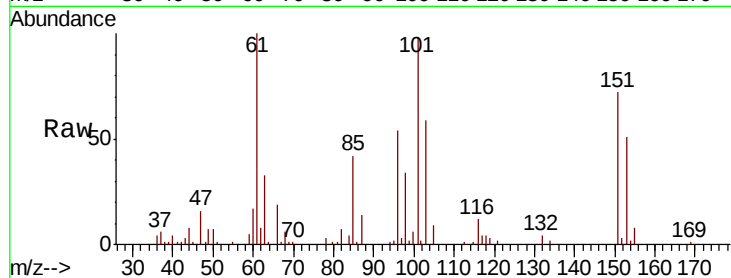
Tot Ion:101 Resp: 62665

Ion Ratio Lower Upper

101 100

85 46.4 36.9 55.3

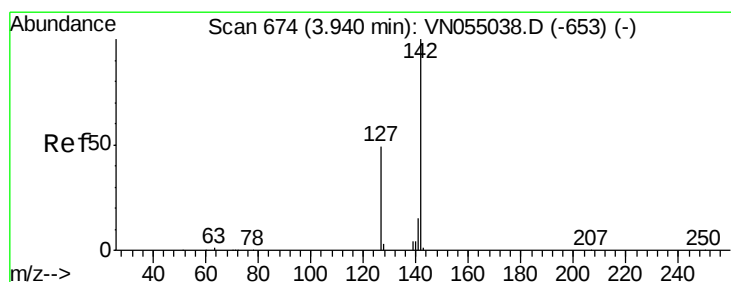
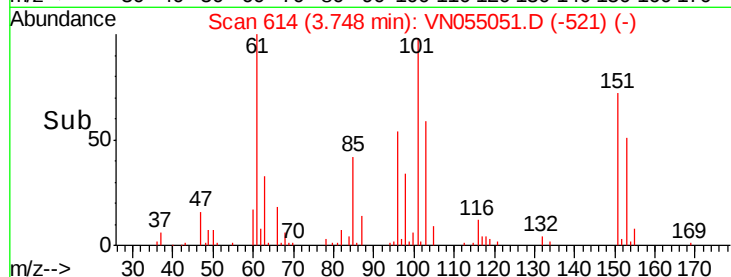
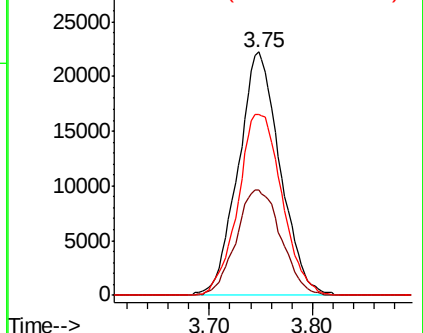
151 77.9 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.154 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

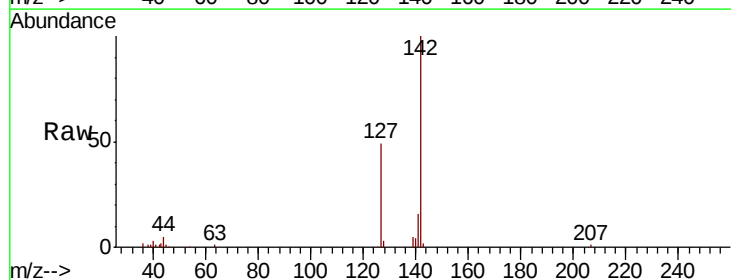
Tgt Ion:142 Resp: 93729

Ion Ratio Lower Upper

142 100

127 48.4 37.9 56.9

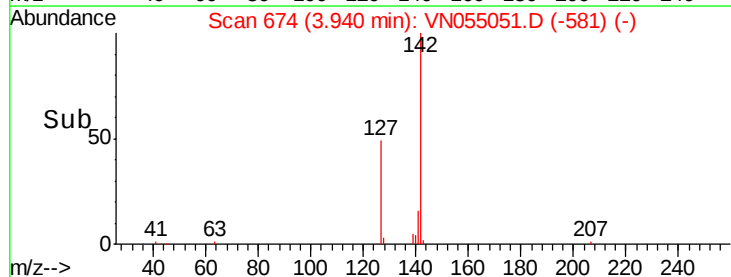
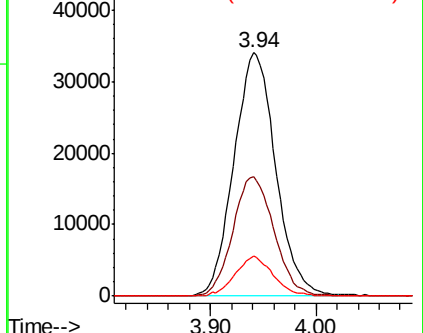
141 14.8 11.8 17.8

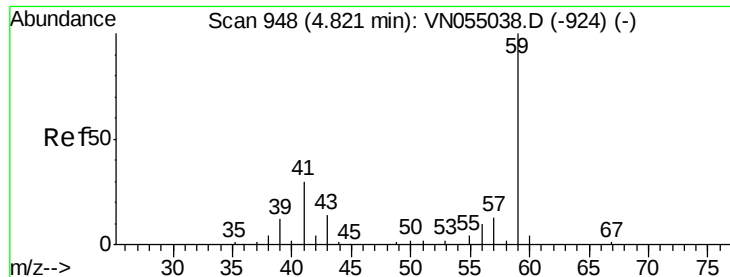


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

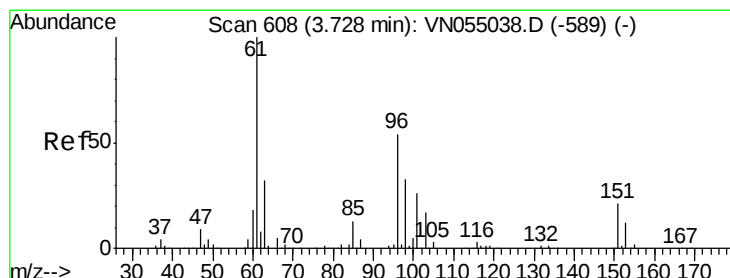
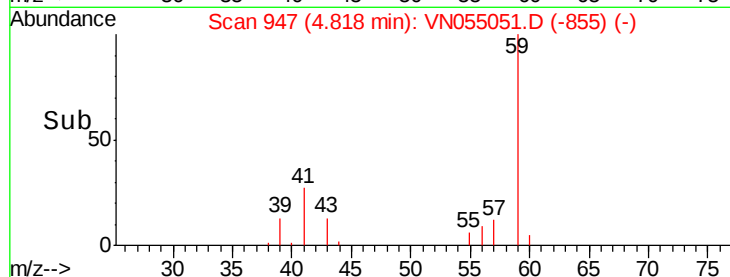
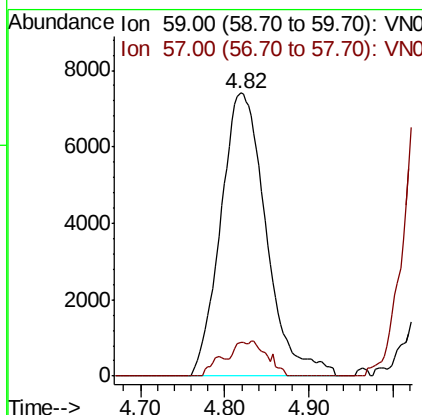
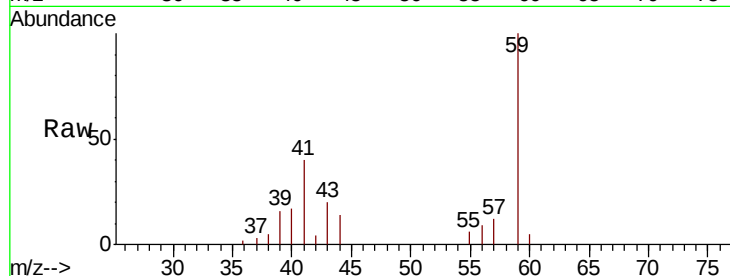




#11  
Tert butyl alcohol  
Concen: 98.371 ug/l  
RT: 4.82 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

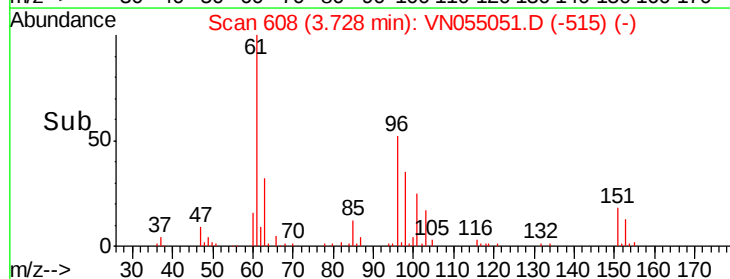
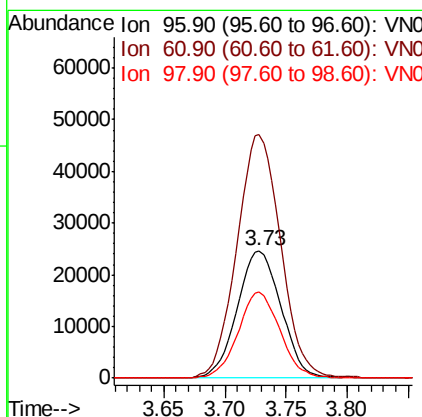
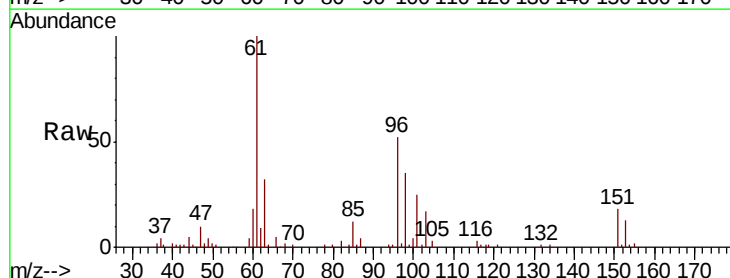
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0415WBS01

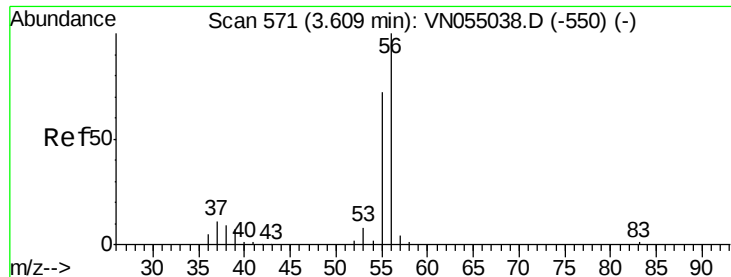
Tot Ion: 59 Resp: 27717  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 19.977 ug/l  
RT: 3.73 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 96 Resp: 61316  
Ion Ratio Lower Upper  
96 100  
61 190.7 154.2 231.4  
98 67.5 52.9 79.3





#13

Acrolein

Concen: 91.733 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

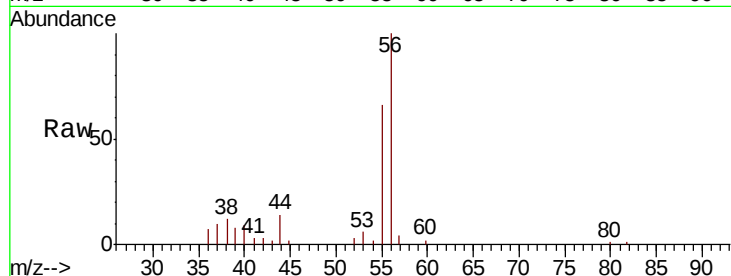
VN0415WBS01

Tot Ion: 56 Resp: 31948

Ion Ratio Lower Upper

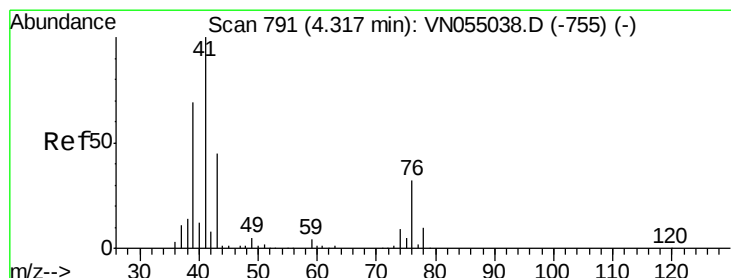
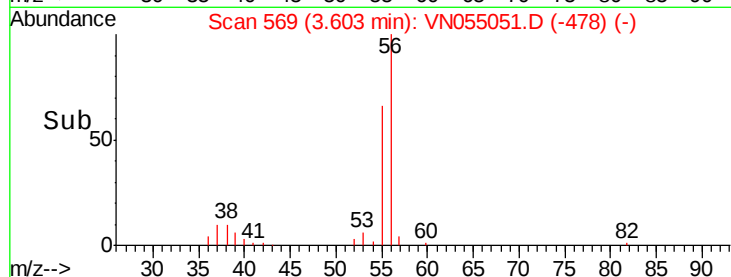
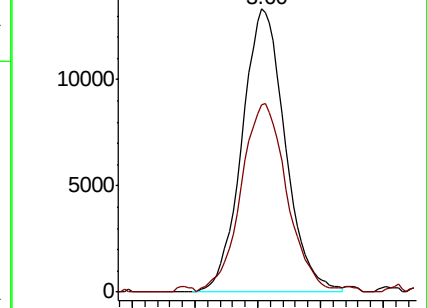
56 100

55 70.8 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.237 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

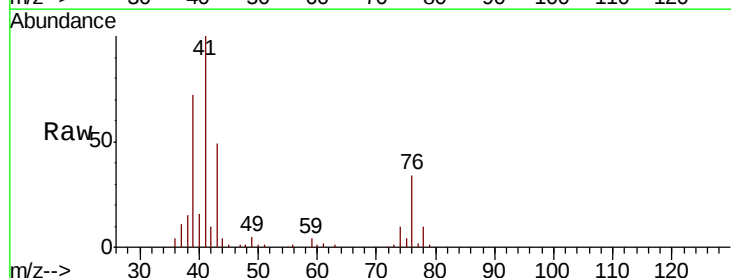
Tgt Ion: 41 Resp: 152043

Ion Ratio Lower Upper

41 100

39 65.2 52.7 79.1

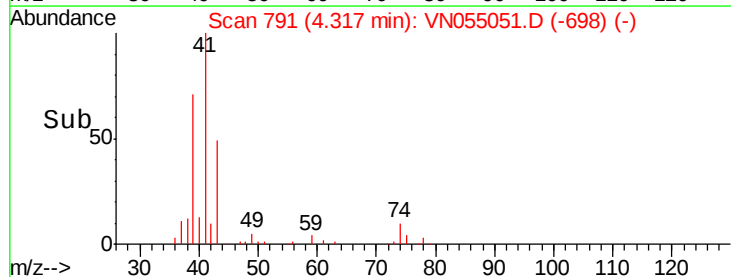
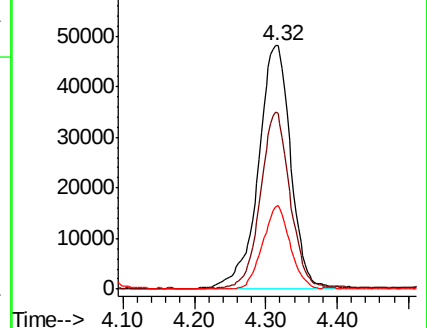
76 28.9 23.2 34.8

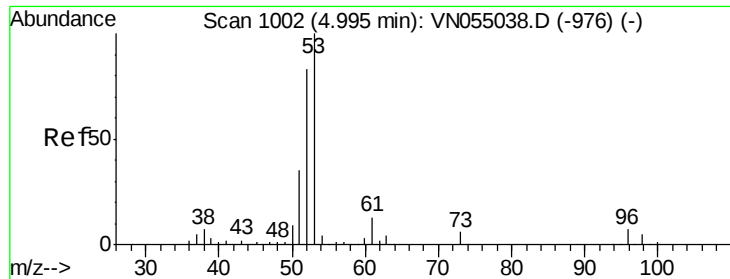


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

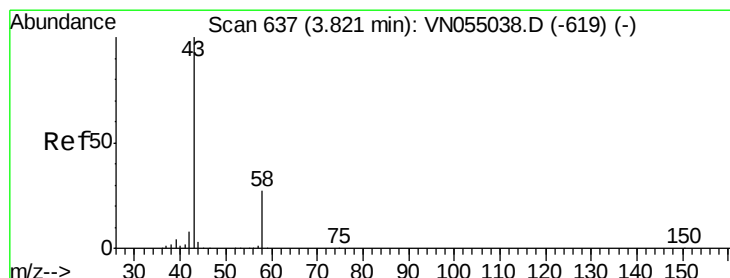
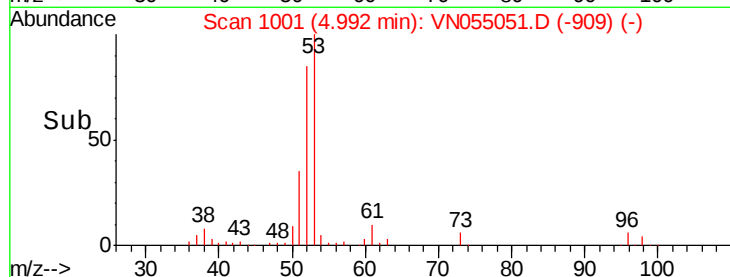
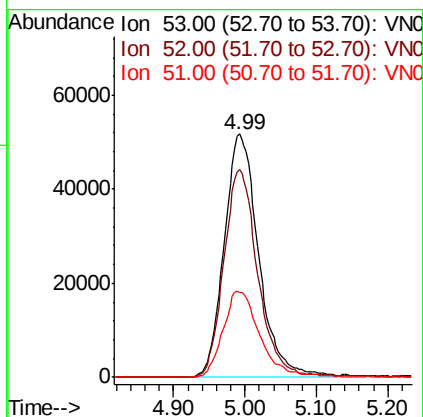
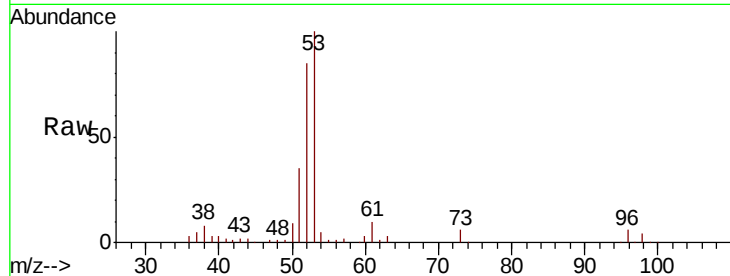




#15  
 Acrylonitrile  
 Concen: 103.445 ug/l  
 RT: 4.99 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

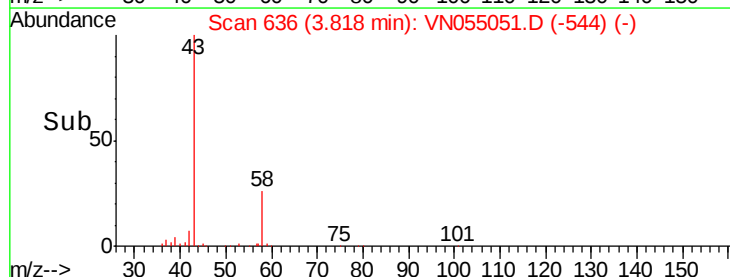
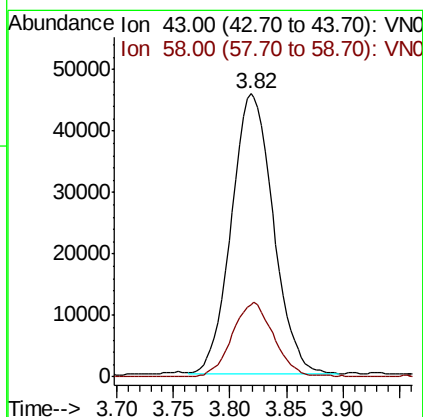
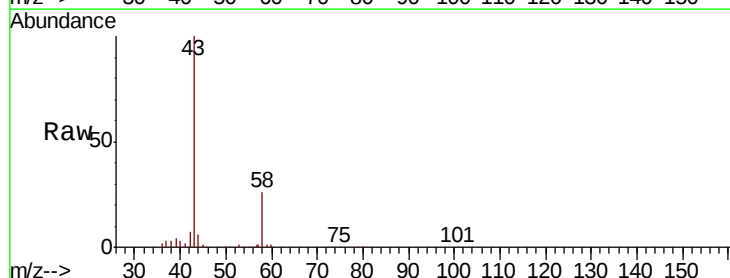
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

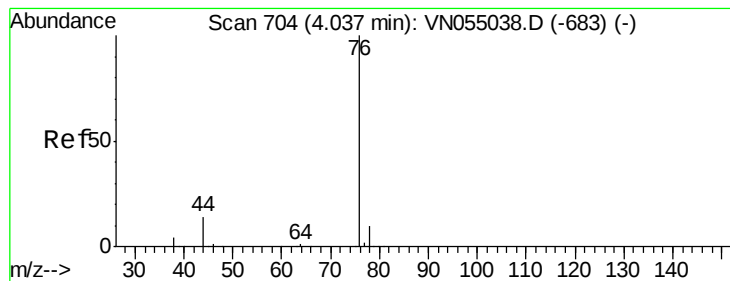
Tot Ion: 53 Resp: 174384  
 Ion Ratio Lower Upper  
 53 100  
 52 83.2 65.9 98.9  
 51 37.1 29.7 44.5



#16  
 Acetone  
 Concen: 84.075 ug/l  
 RT: 3.82 min Scan# 636  
 Delta R.T. -0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Tgt Ion: 43 Resp: 117299  
 Ion Ratio Lower Upper  
 43 100  
 58 26.0 20.9 31.3





#17

Carbon Disulfide

Concen: 18.692 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

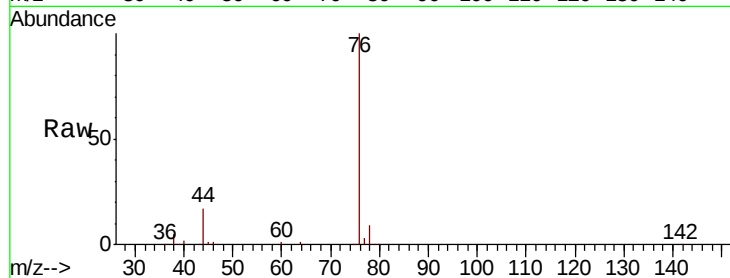
VN0415WBS01

Tot Ion: 76 Resp: 185197

Ion Ratio Lower Upper

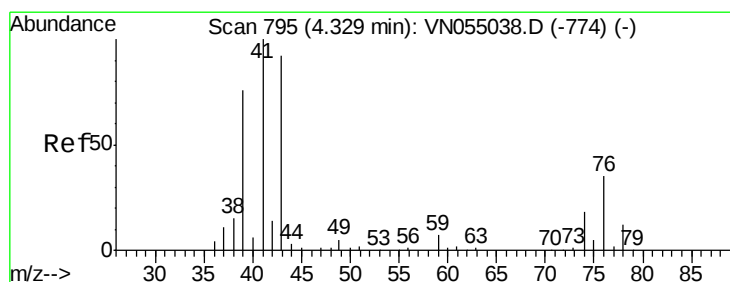
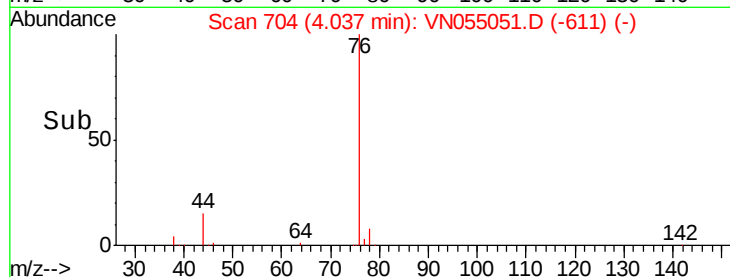
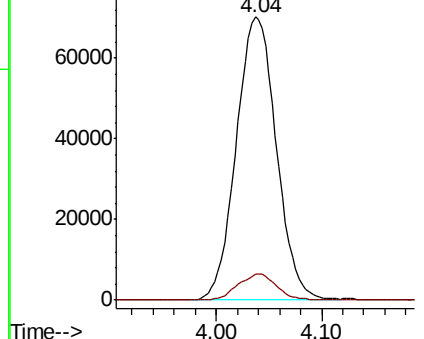
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.380 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055051.D

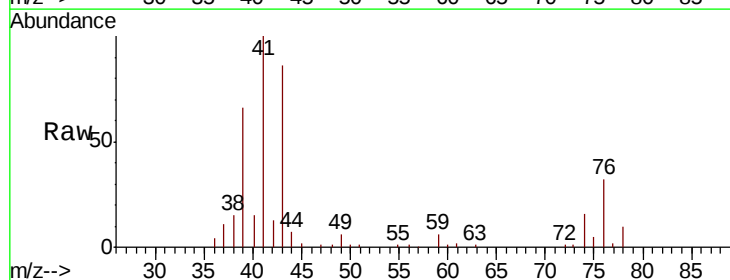
Acq: 15 Apr 2019 19:08

Tgt Ion: 43 Resp: 86979

Ion Ratio Lower Upper

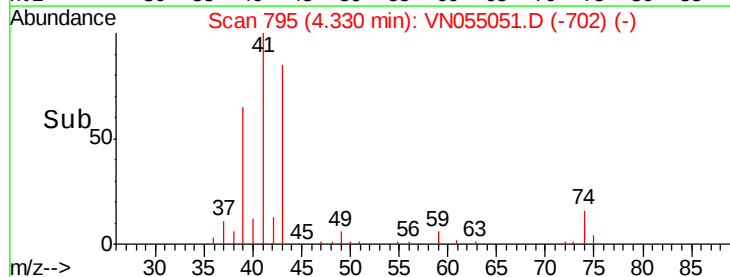
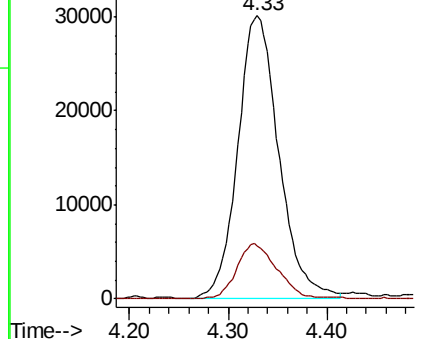
43 100

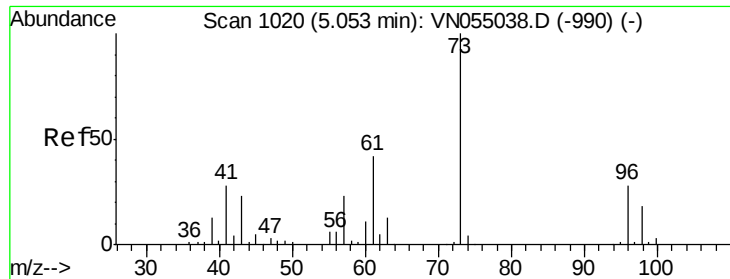
74 19.2 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

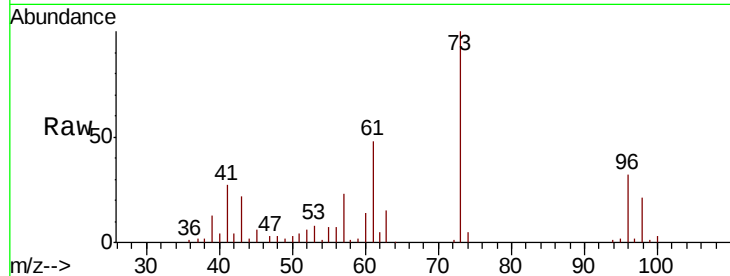




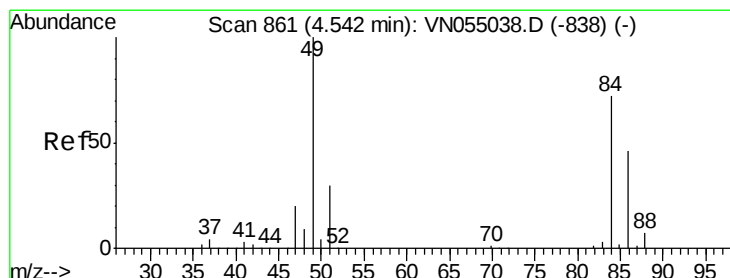
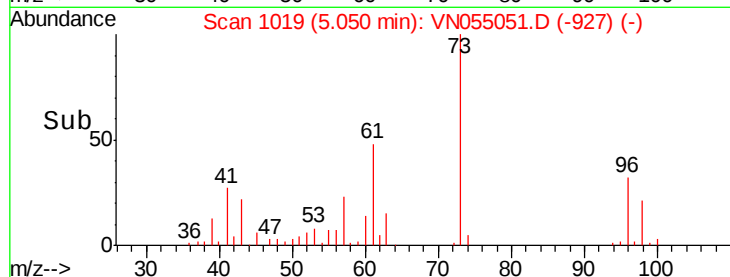
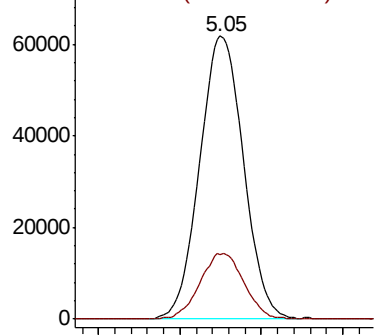
#19  
Methyl tert-butyl Ether  
Concen: 20.956 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0415WBS01

Tot Ion: 73 Resp: 230090  
Ion Ratio Lower Upper  
73 100  
57 23.0 19.0 28.4

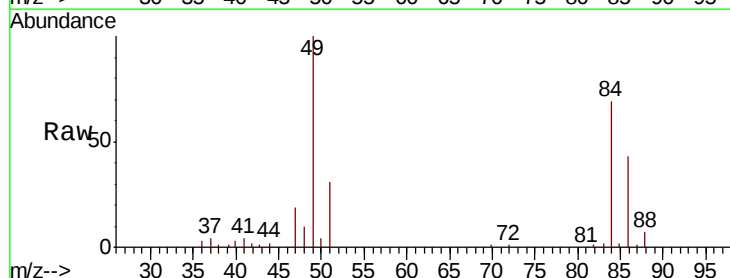


Abundance Ion 73.00 (72.70 to 73.70): VN0  
Ion 57.00 (56.70 to 57.70): VN0

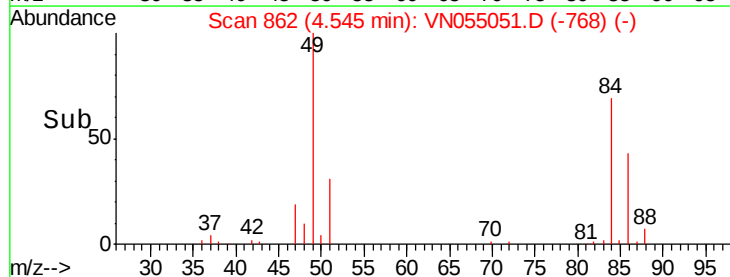
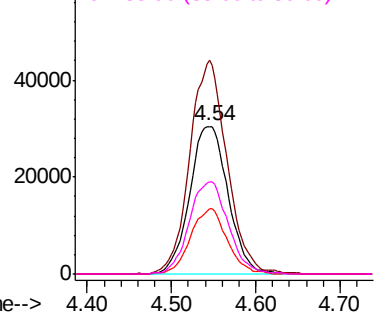


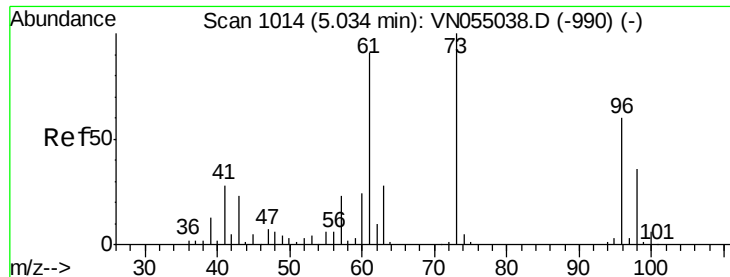
#20  
Methylene Chloride  
Concen: 19.671 ug/l  
RT: 4.54 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 84 Resp: 96479  
Ion Ratio Lower Upper  
84 100  
49 144.6 109.4 164.2  
51 44.6 32.2 48.4  
86 62.1 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

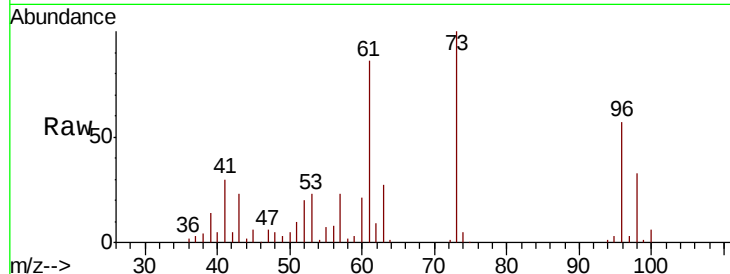




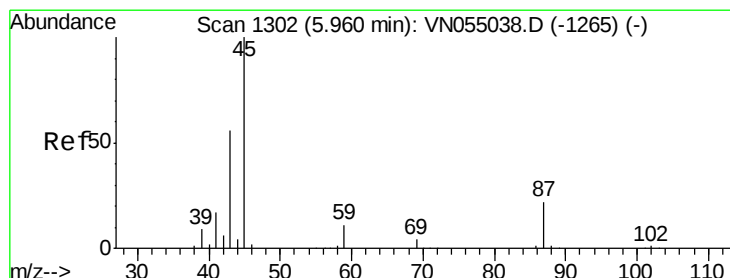
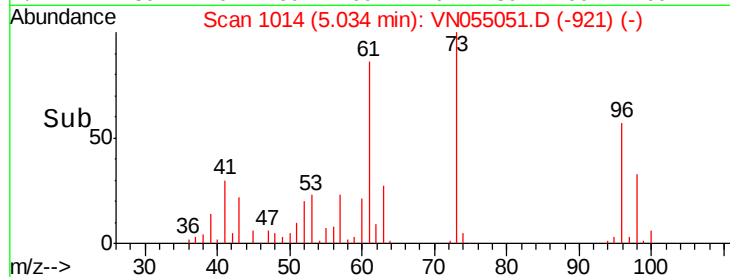
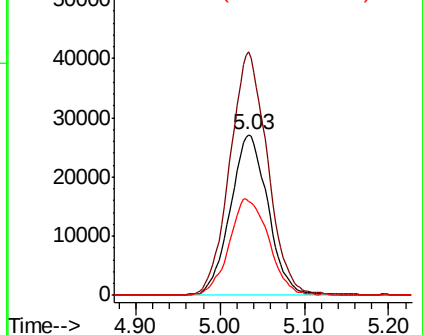
#21  
trans-1,2-Dichloroethene  
Concen: 20.284 ug/l  
RT: 5.03 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0415WBS01

Tot Ion: 96 Resp: 84206  
Ion Ratio Lower Upper  
96 100  
61 150.9 114.9 172.3  
98 58.8 48.4 72.6

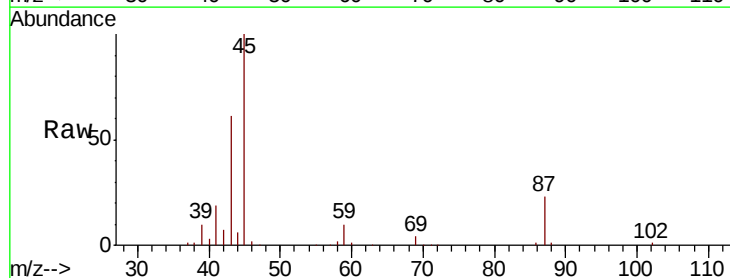


Abundance Ion 95.90 (95.60 to 96.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO  
Ion 97.90 (97.60 to 98.60): VNO

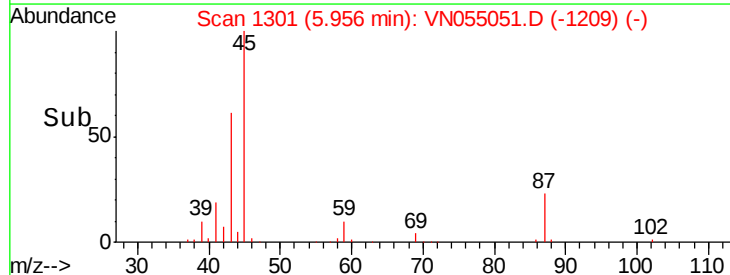
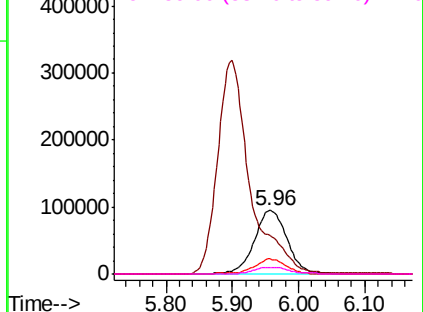


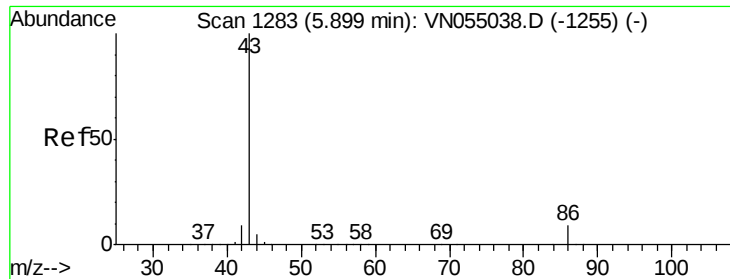
#22  
Diisopropyl ether  
Concen: 21.153 ug/l  
RT: 5.96 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 45 Resp: 326700  
Ion Ratio Lower Upper  
45 100  
43 60.1 44.8 67.2  
87 23.1 18.9 28.3  
59 9.7 7.9 11.9



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





#23

Vinyl Acetate

Concen: 106.402 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

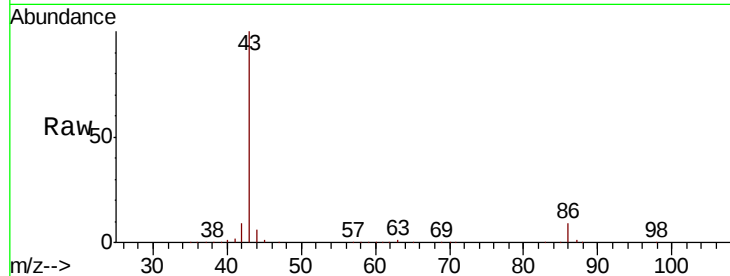
VN0415WBS01

Tot Ion: 43 Resp: 1086222

Ion Ratio Lower Upper

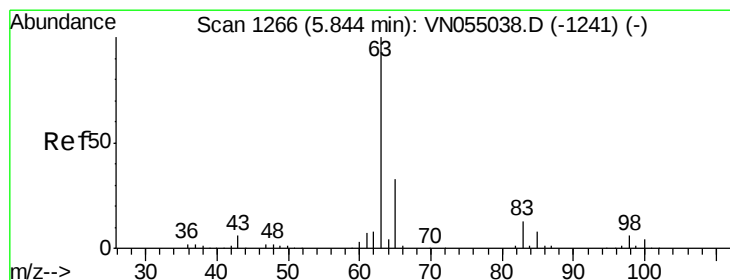
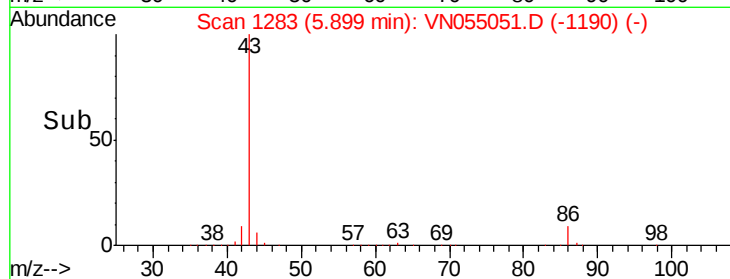
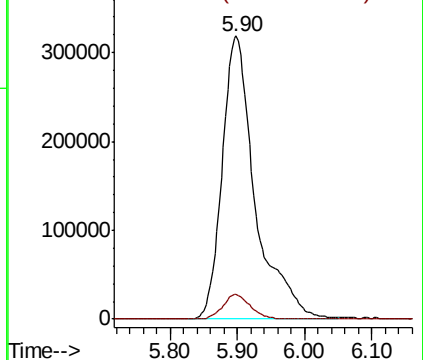
43 100

86 8.6 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.721 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

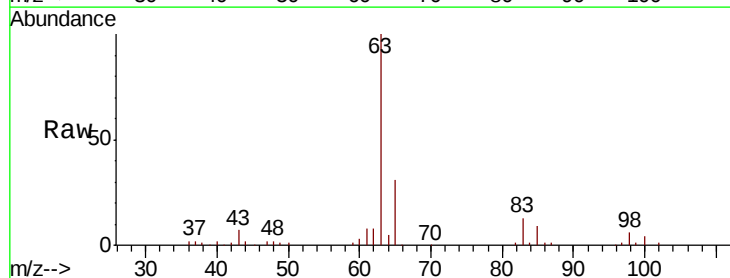
Tgt Ion: 63 Resp: 170419

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

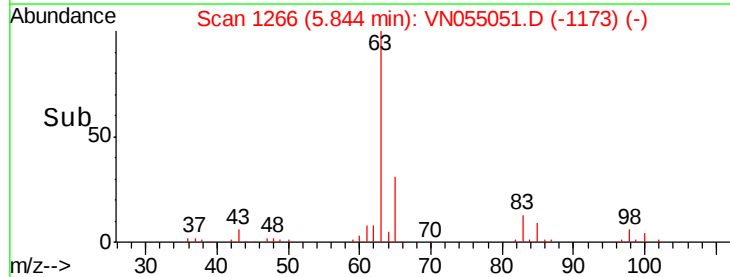
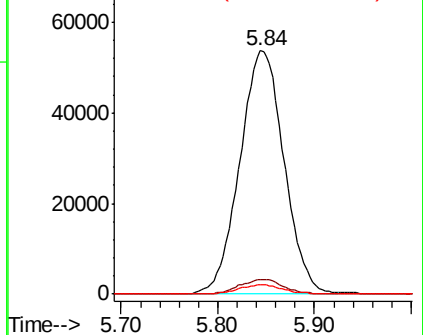
100 3.9 2.0 5.8

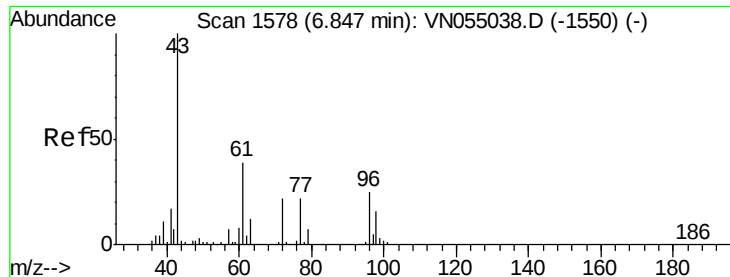


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

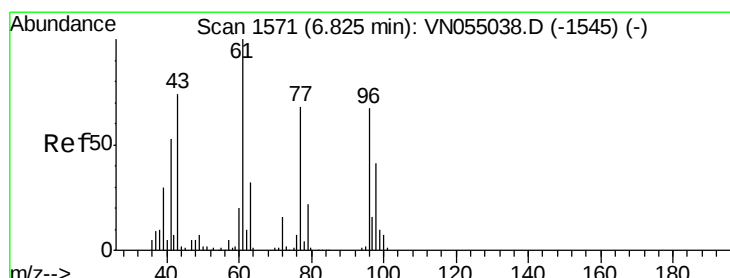
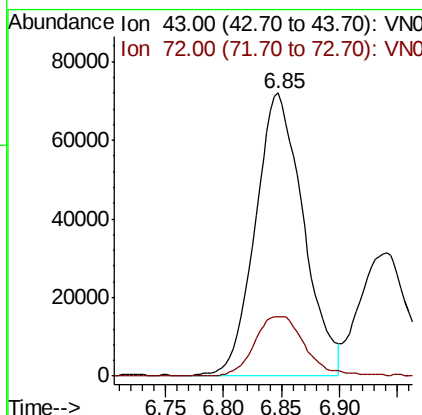
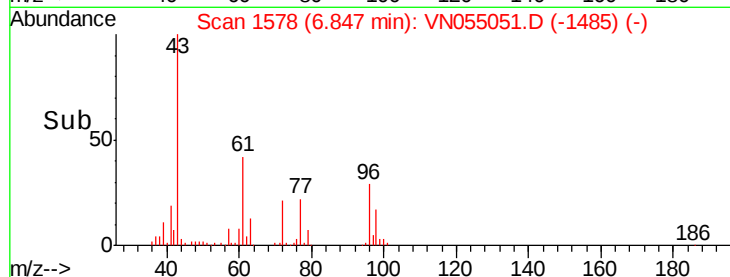
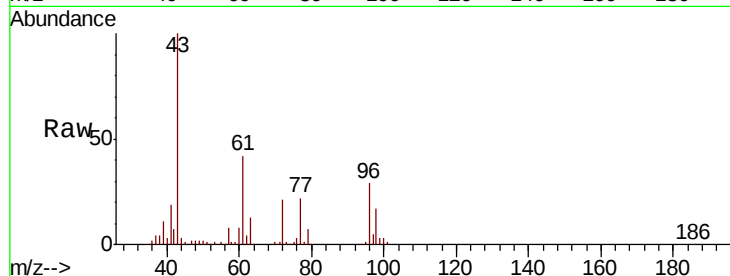




#25  
2-Butanone  
Concen: 99.073 ug/l  
RT: 6.85 min Scan# 1578  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

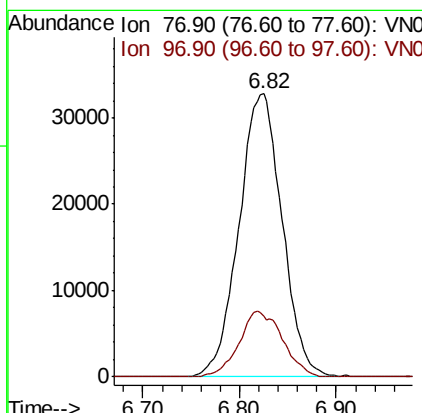
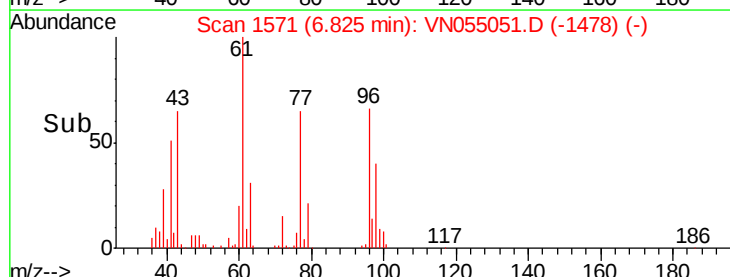
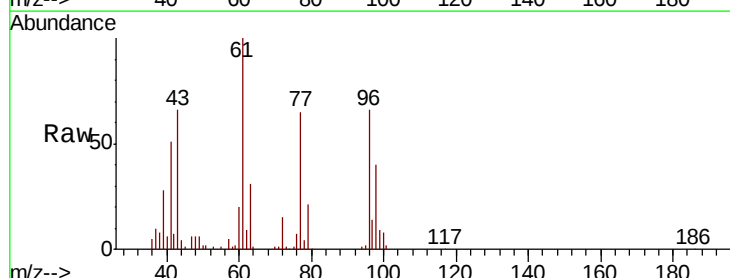
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0415WBS01

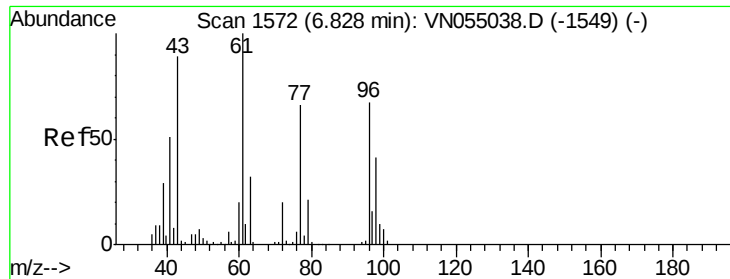
Tot Ion: 43 Resp: 206297  
Ion Ratio Lower Upper  
43 100  
72 21.2 18.1 27.1



#26  
2,2-Dichloropropane  
Concen: 19.559 ug/l  
RT: 6.82 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 77 Resp: 101532  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.778 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

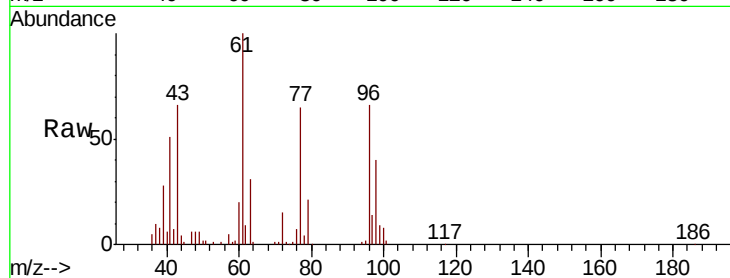
Tot Ion: 96 Resp: 97583

Ion Ratio Lower Upper

96 100

61 155.2 0.0 311.0

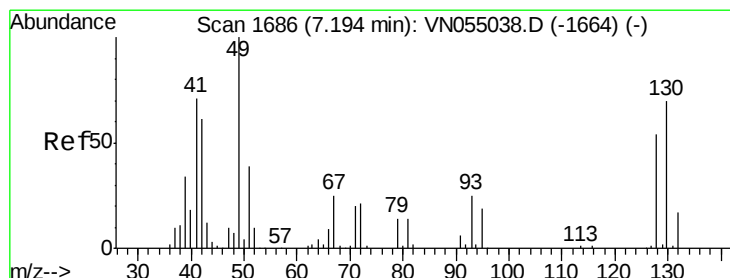
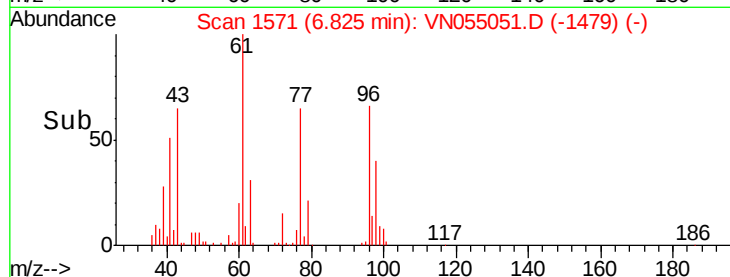
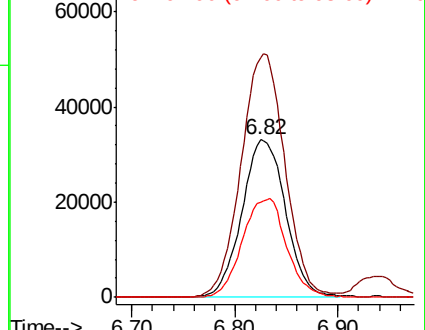
98 63.3 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.893 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

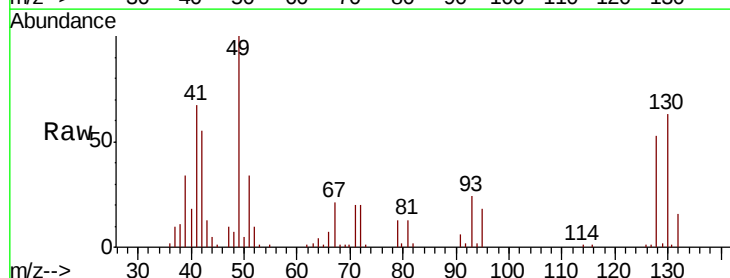
Tgt Ion: 49 Resp: 82835

Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.0

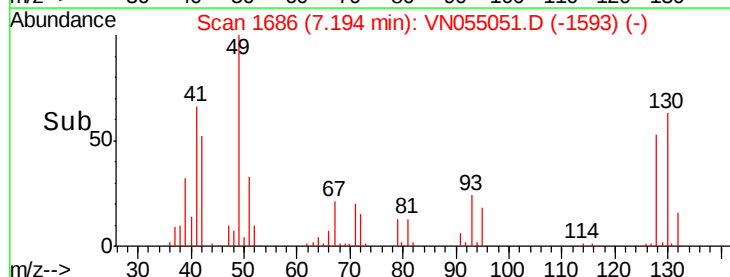
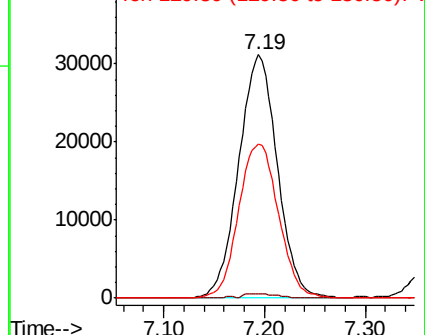
130 65.4 53.4 80.2

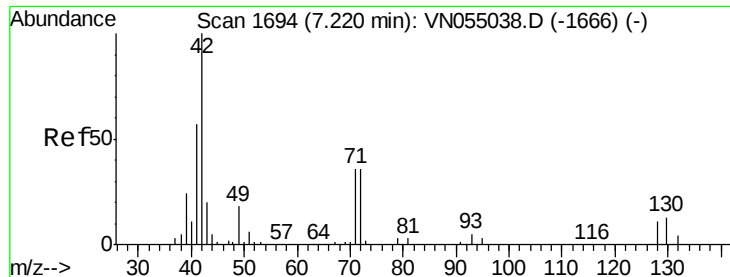


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

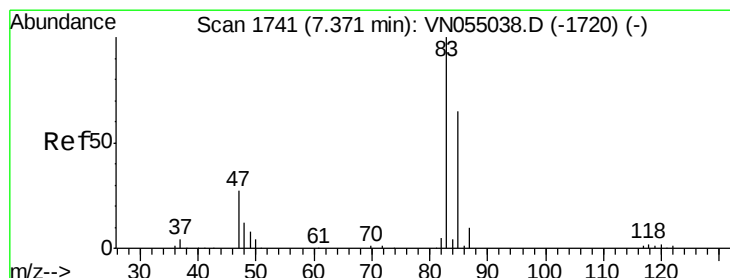
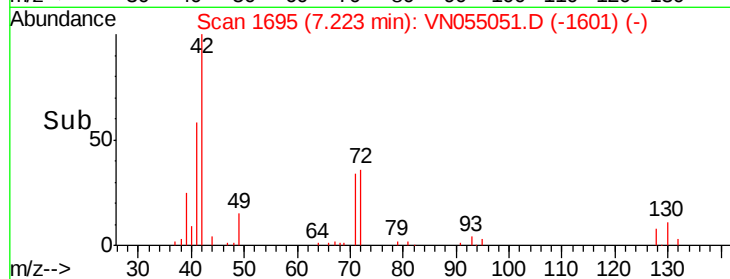
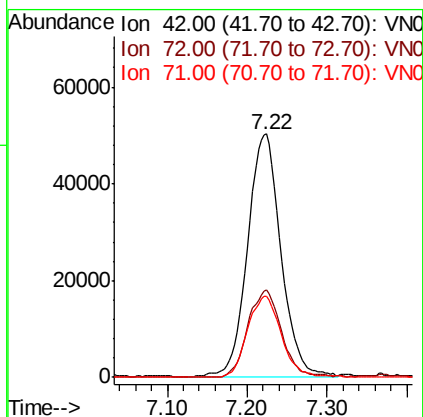
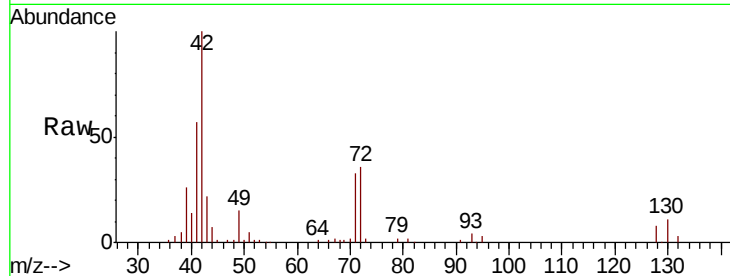




#29  
Tetrahydrofuran  
Concen: 103.649 ug/l  
RT: 7.22 min Scan# 1695  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

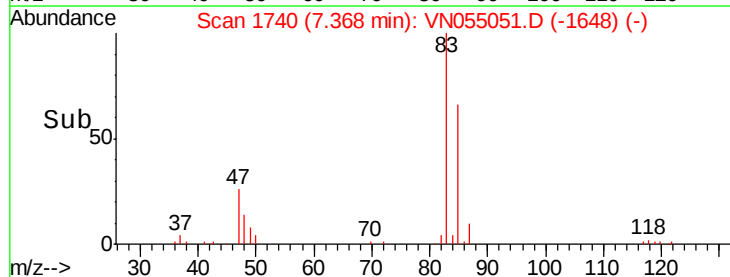
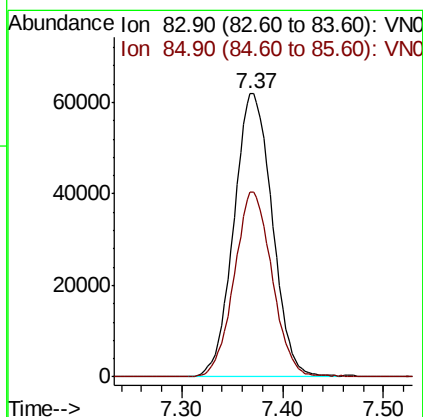
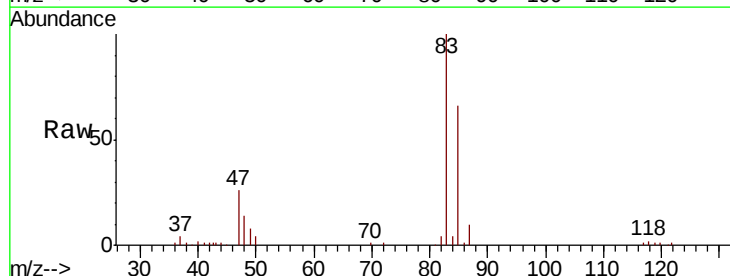
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0415WBS01

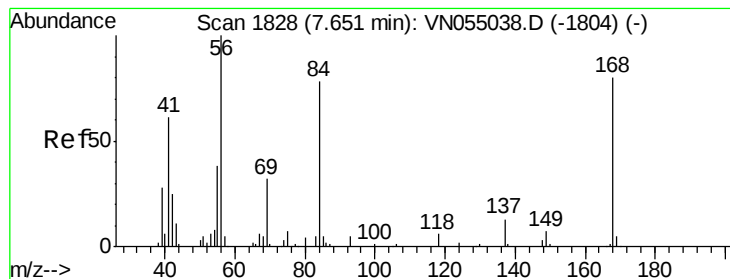
Tot Ion: 42 Resp: 141533  
Ion Ratio Lower Upper  
42 100  
72 35.8 29.4 44.0  
71 33.9 27.8 41.6



#30  
Chloroform  
Concen: 20.447 ug/l  
RT: 7.37 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 83 Resp: 163348  
Ion Ratio Lower Upper  
83 100  
85 65.5 51.8 77.6





#31

Cyclohexane

Concen: 20.708 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

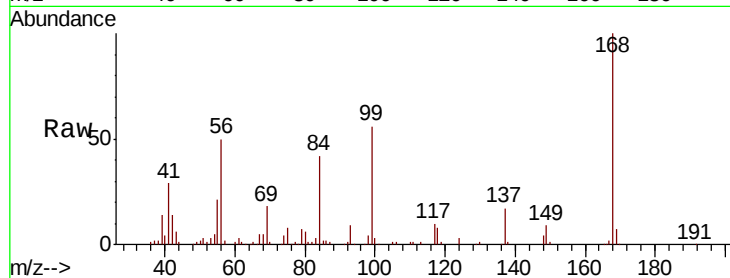
Tot Ion: 56 Resp: 155898

Ion Ratio Lower Upper

56 100

69 35.5 24.5 36.7

84 81.5 62.9 94.3

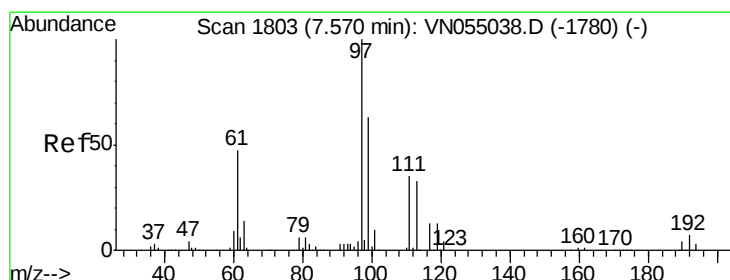
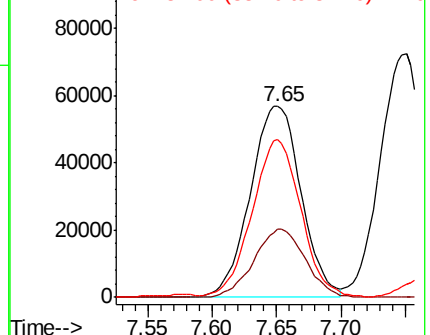
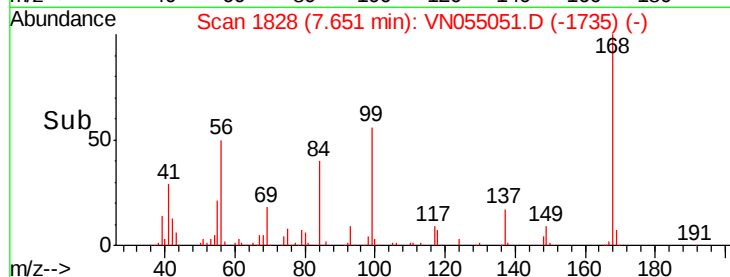


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.348 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

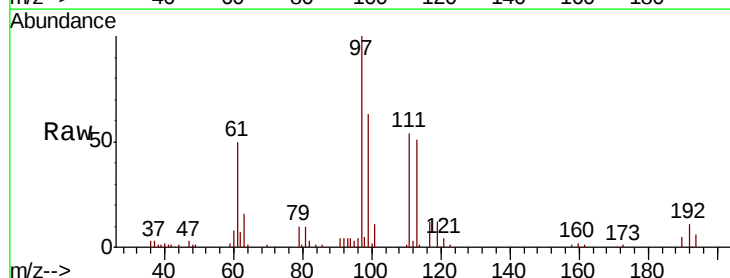
Tgt Ion: 97 Resp: 128790

Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 49.9 38.3 57.5

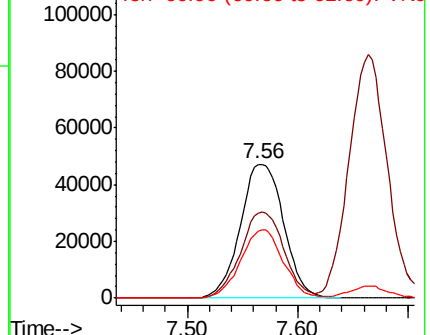
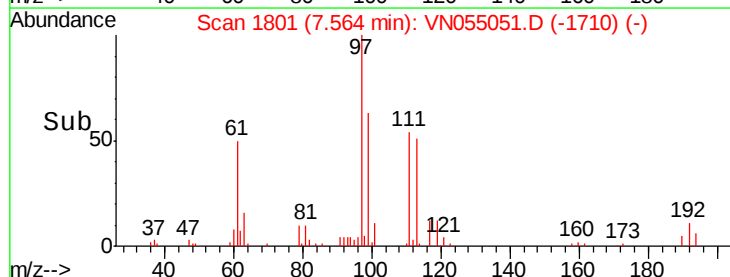


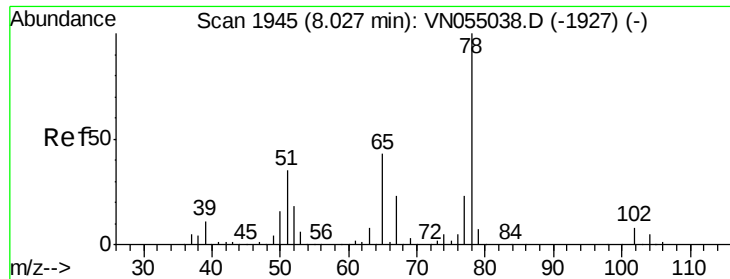
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

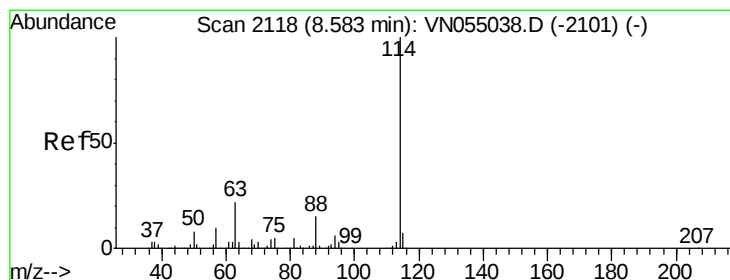
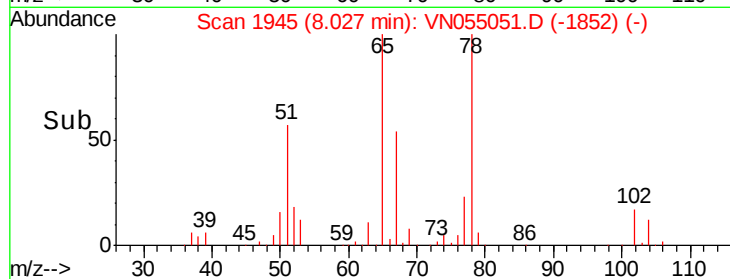
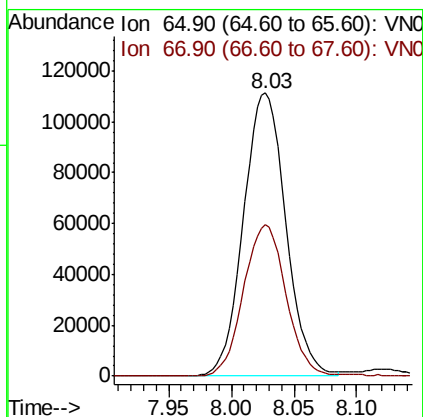
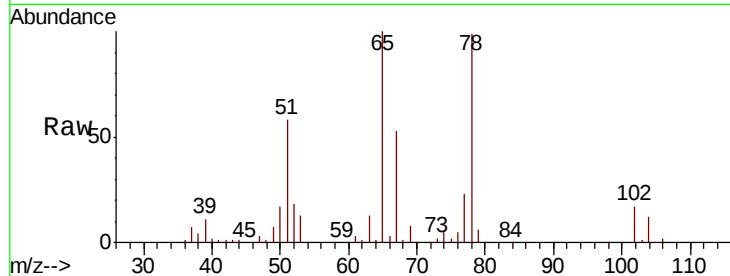




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.888 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

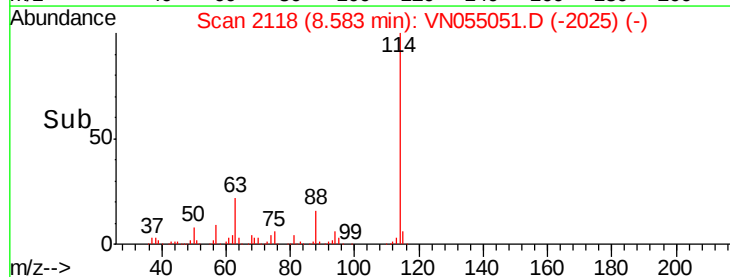
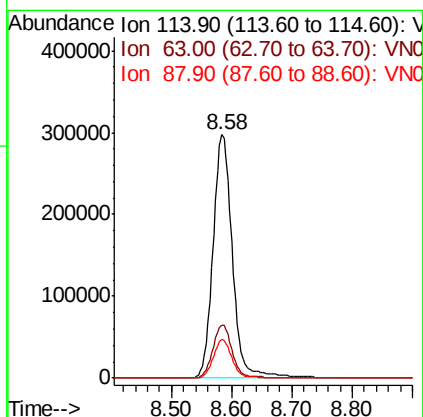
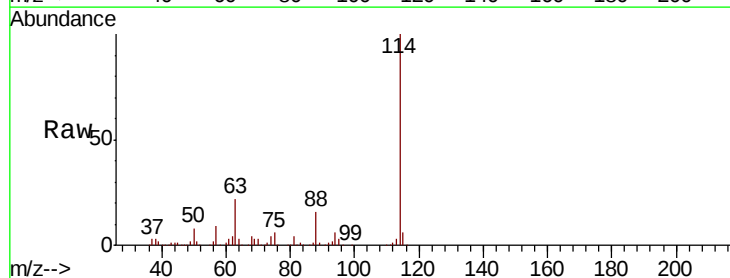
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

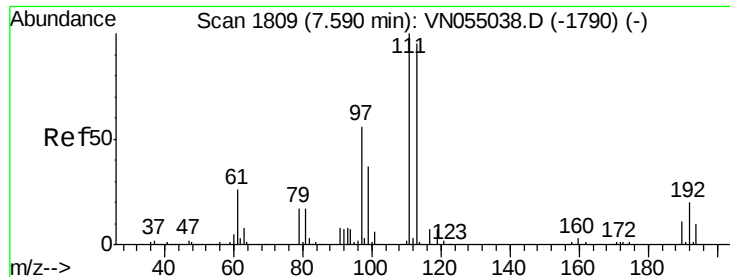
Tot Ion: 65 Resp: 261580  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 106.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Tgt Ion: 114 Resp: 652043  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 45.2  
 88 15.7 0.0 31.8

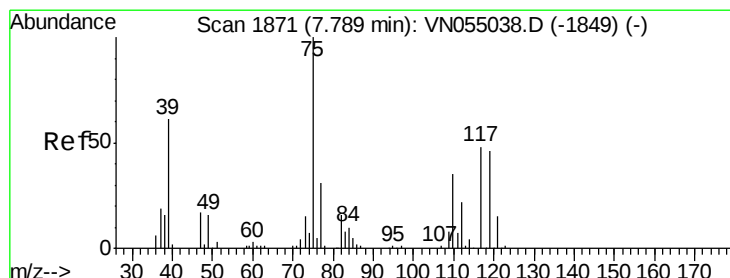
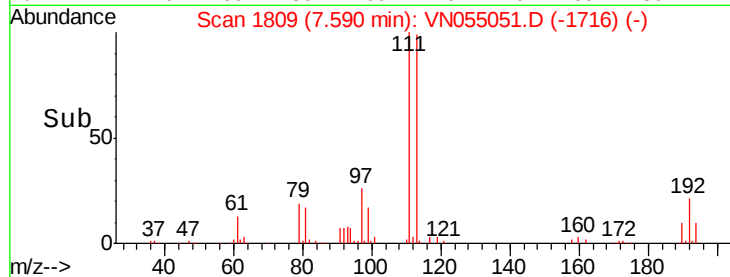
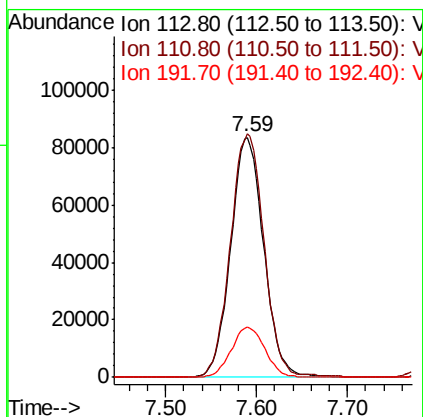
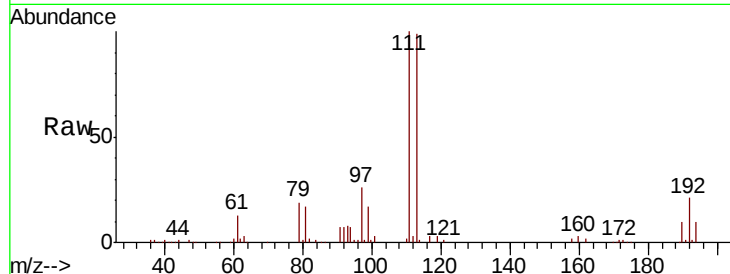




#35  
 Dibromofluoromethane  
 Concen: 48.389 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

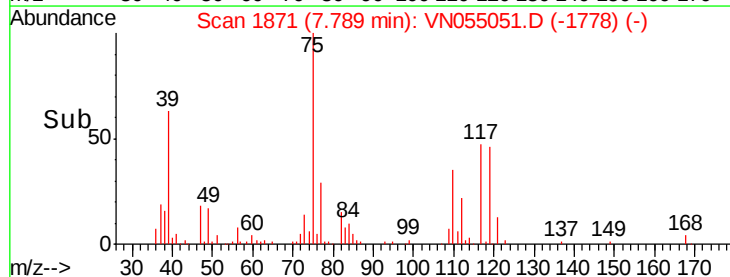
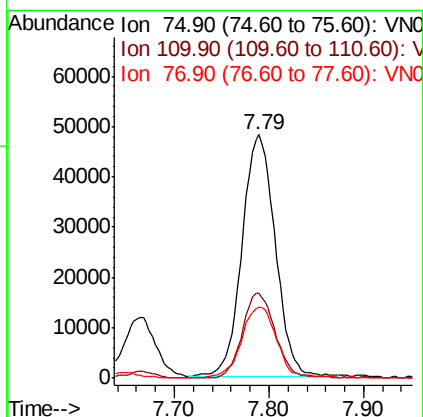
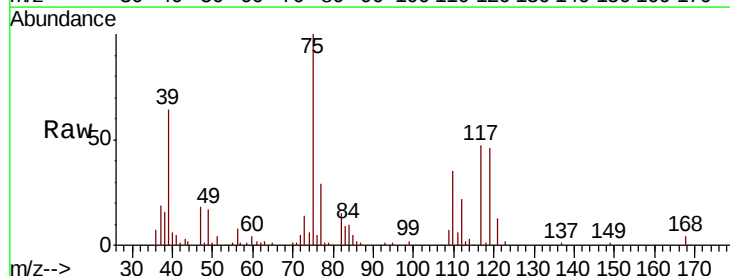
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

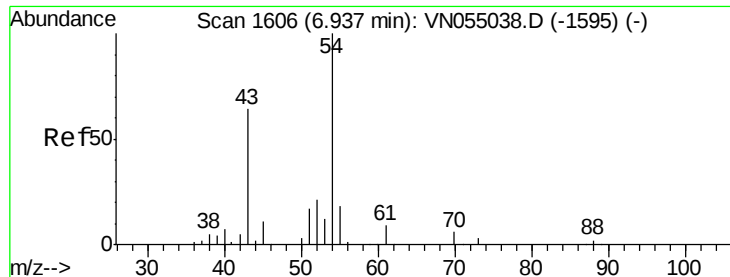
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 82.1  | 123.1 |
| 192     | 21.3  | 16.5  | 24.7  |



#36  
 1,1-Dichloropropene  
 Concen: 19.100 ug/l  
 RT: 7.79 min Scan# 1871  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.6  | 17.5  | 52.5  |
| 77      | 31.1  | 24.9  | 37.3  |

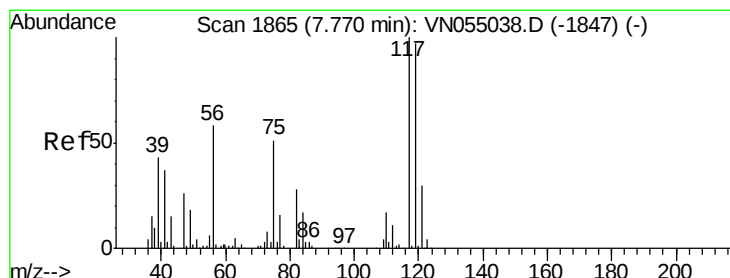
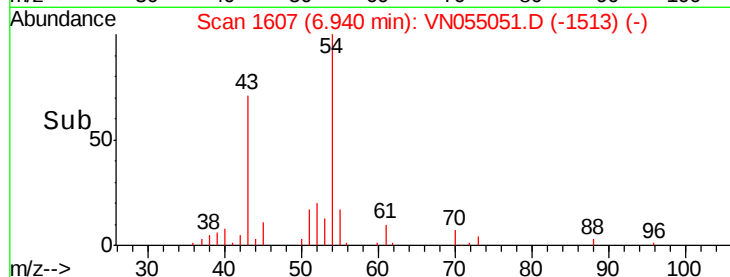
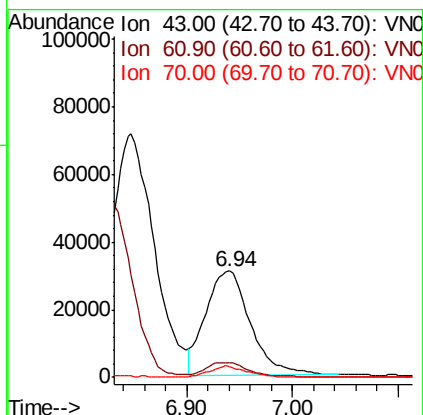
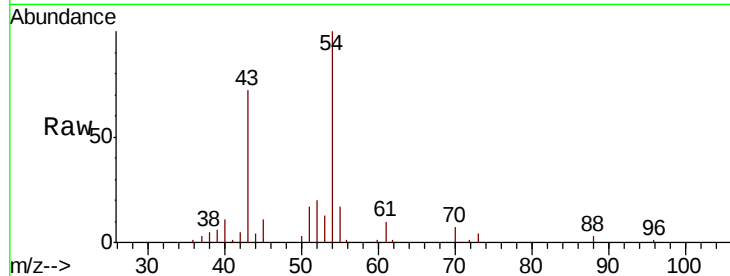




#37  
Ethyl Acetate  
Concen: 18.267 ug/l  
RT: 6.94 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

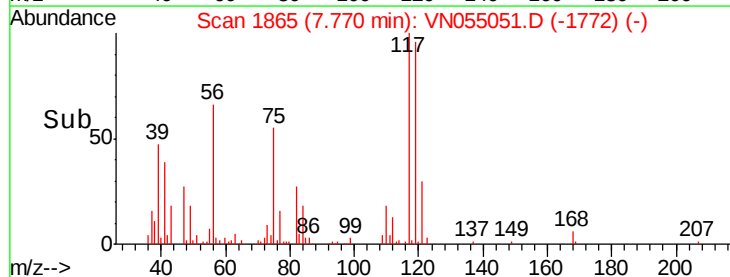
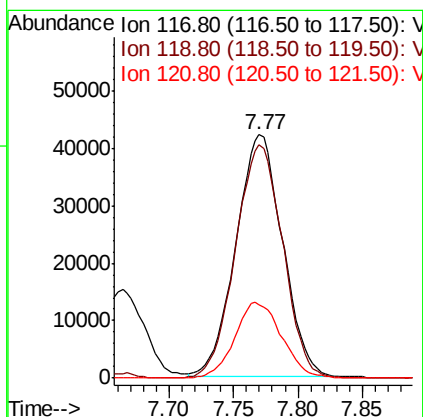
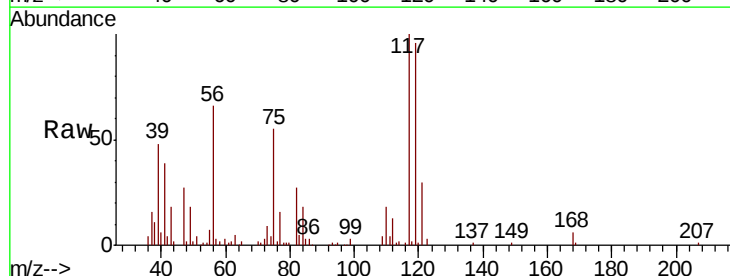
Instrument :  
MSVOA\_N  
ClientSampleID :  
VN0415WBS01

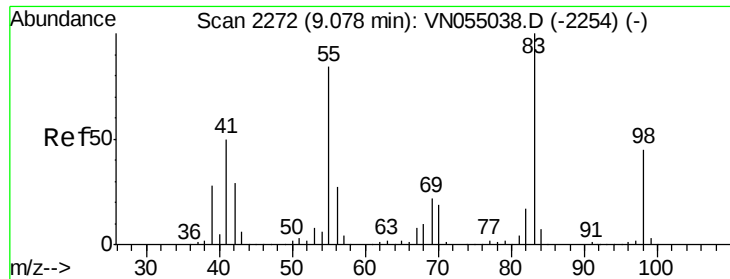
Tot Ion: 43 Resp: 91412  
Ion Ratio Lower Upper  
43 100  
61 11.9 10.0 15.0  
70 9.1 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 18.167 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 117 Resp: 106240  
Ion Ratio Lower Upper  
117 100  
119 96.0 76.3 114.5  
121 30.4 23.9 35.9

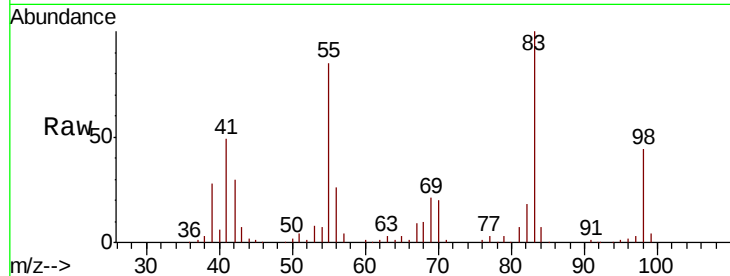




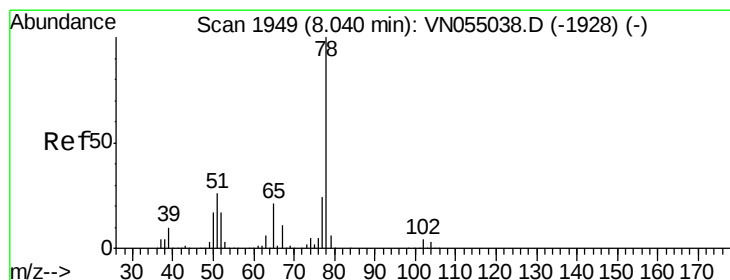
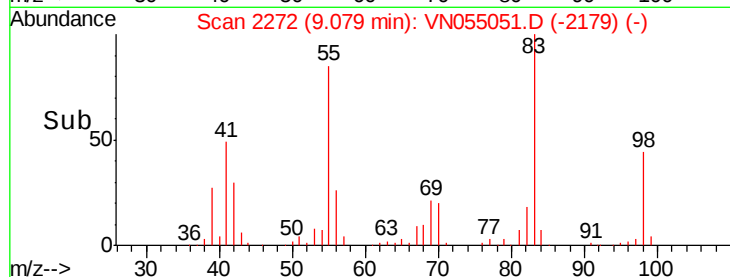
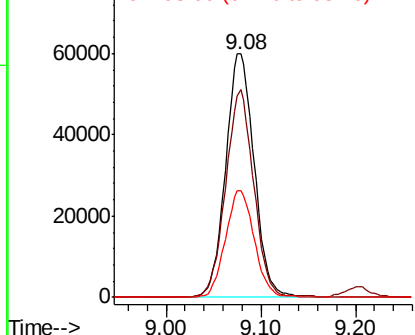
#39  
Methvlcvclohexane  
Concen: 18.855 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0415WBS01

Tot Ion: 83 Resp: 125589  
Ion Ratio Lower Upper  
83 100  
55 85.1 67.0 100.4  
98 43.9 35.6 53.4

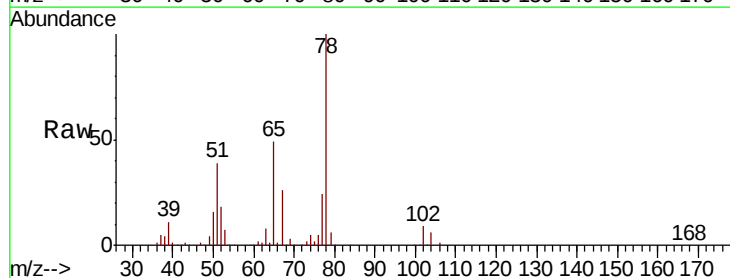


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

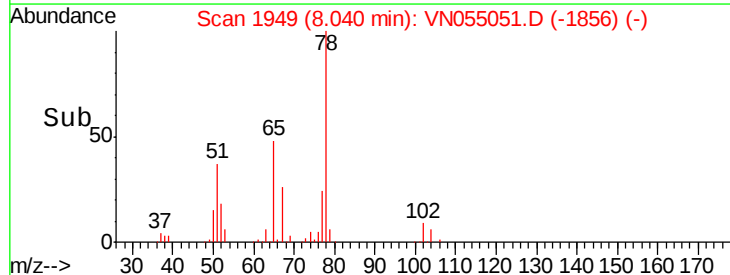
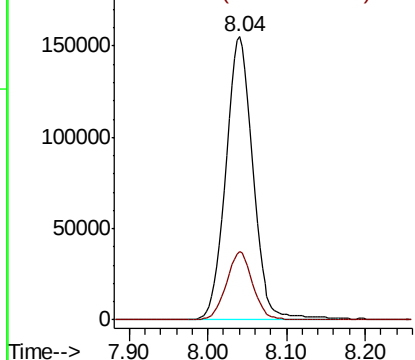


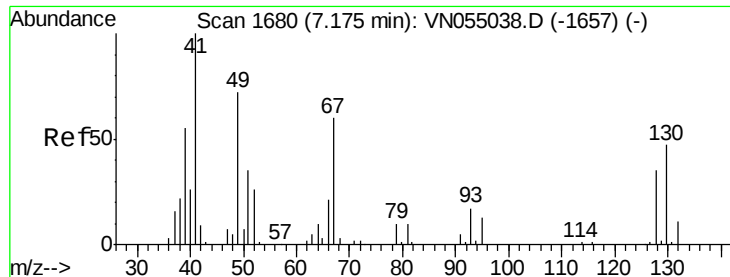
#40  
Benzene  
Concen: 20.005 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 78 Resp: 370608  
Ion Ratio Lower Upper  
78 100  
77 24.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0

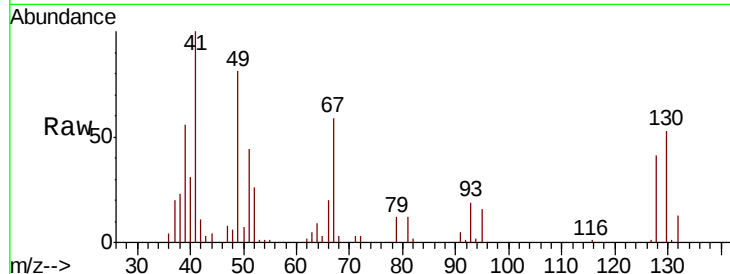




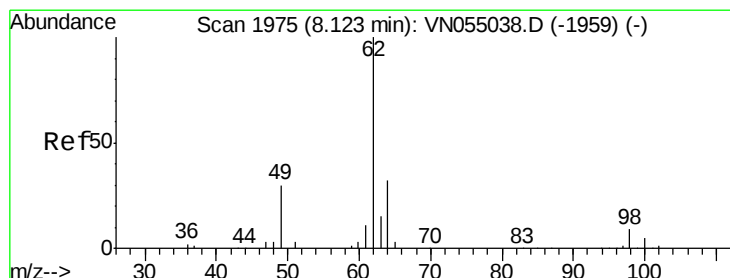
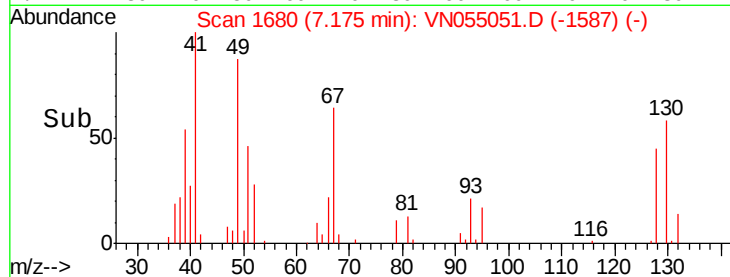
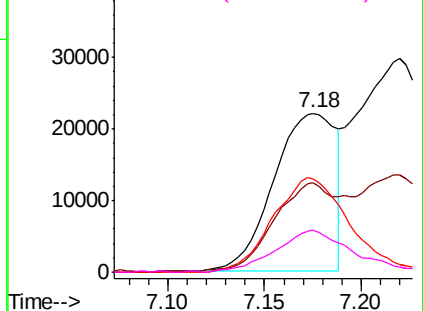
#41  
Methacrylonitrile  
Concen: 17.687 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0415WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 49131 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.7  | 45.6  | 68.4  |
| 67       | 74.3  | 57.0  | 85.6  |
| 52       | 32.9  | 23.6  | 35.4  |

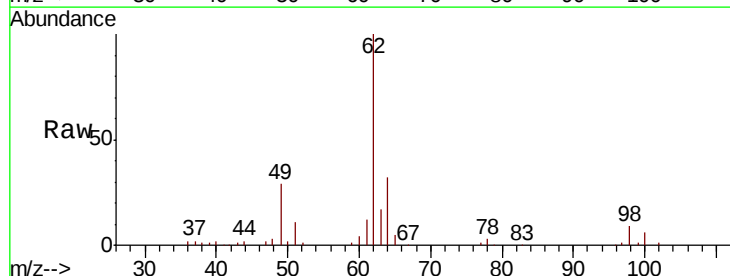


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

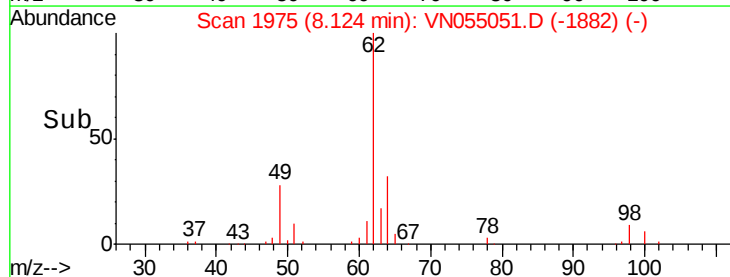
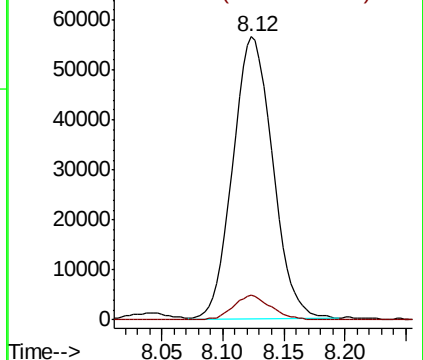


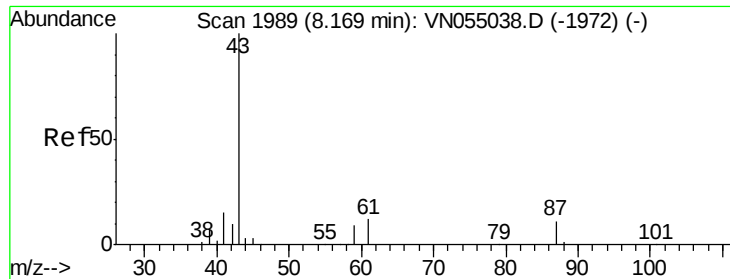
#42  
1,2-Dichloroethane  
Concen: 19.903 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 128017 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.4   | 0.0   | 17.4   |



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





#43

Isopropyl Acetate

Concen: 19.659 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

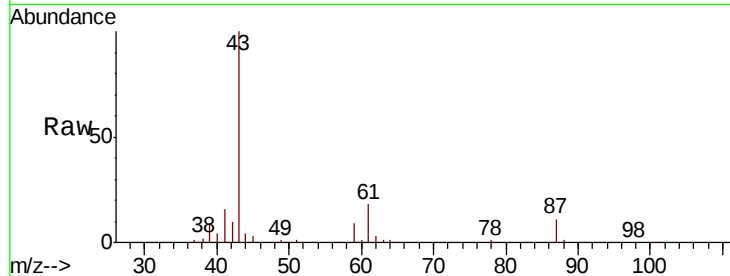
Tot Ion: 43 Resp: 151587

Ion Ratio Lower Upper

43 100

61 17.5 14.3 21.5

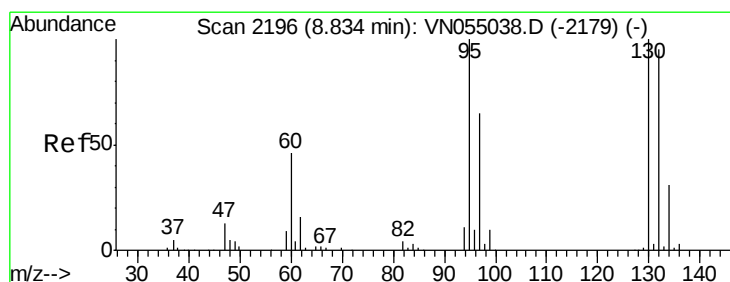
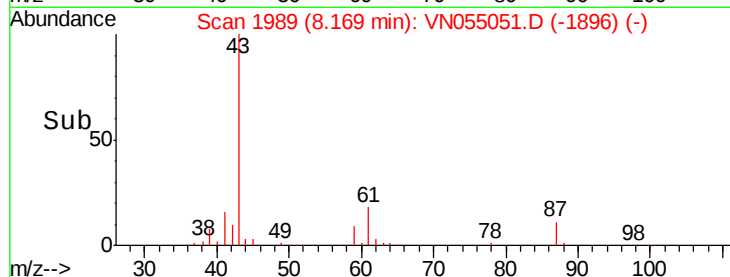
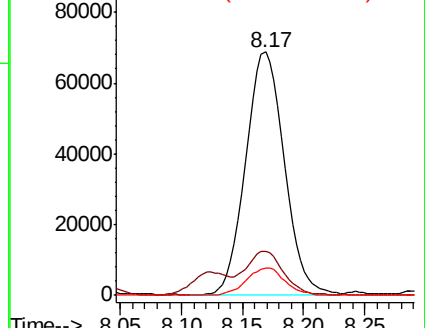
87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)



#44

Trichloroethene

Concen: 20.297 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055051.D

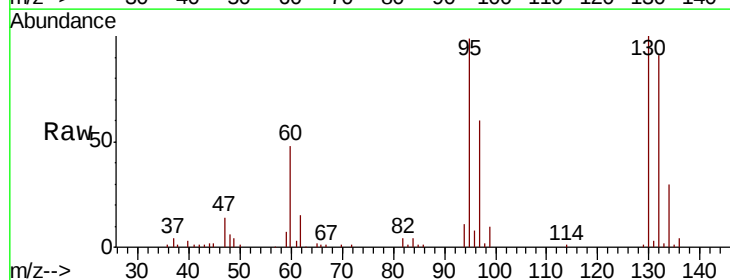
Acq: 15 Apr 2019 19:08

Tgt Ion:130 Resp: 94181

Ion Ratio Lower Upper

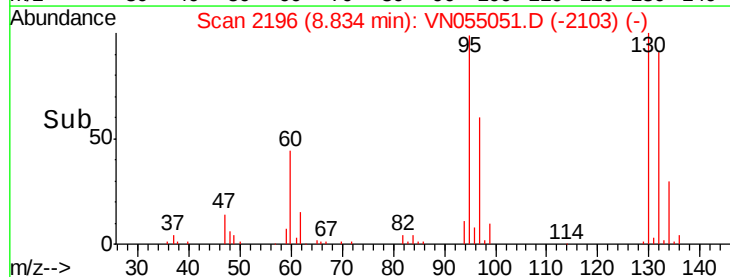
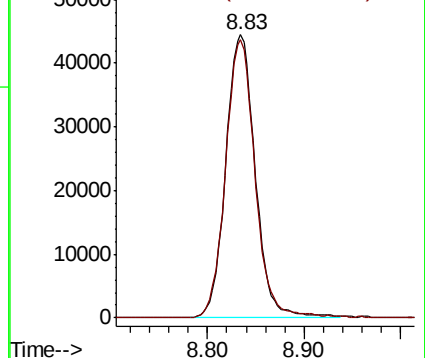
130 100

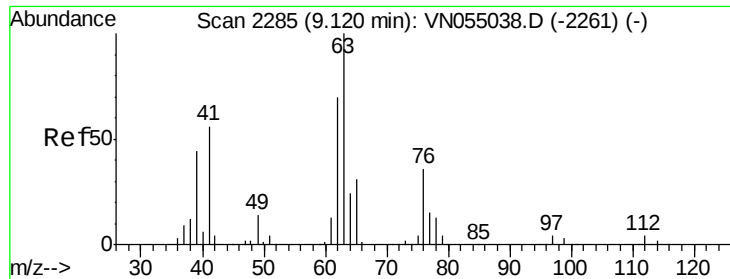
95 98.5 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN055038.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055038.D (-2179) (-)

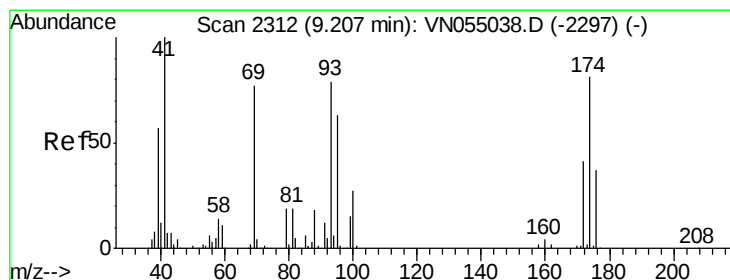
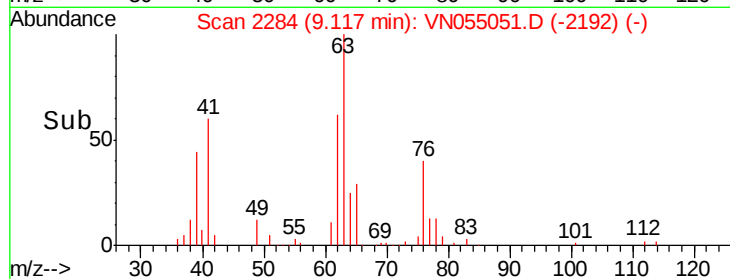
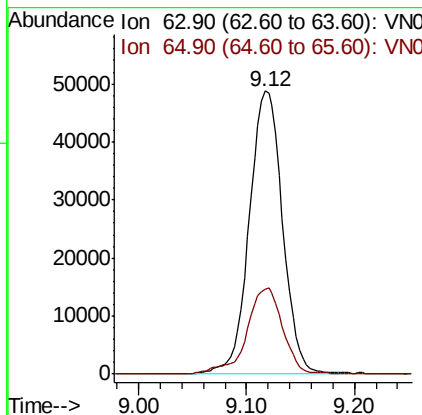
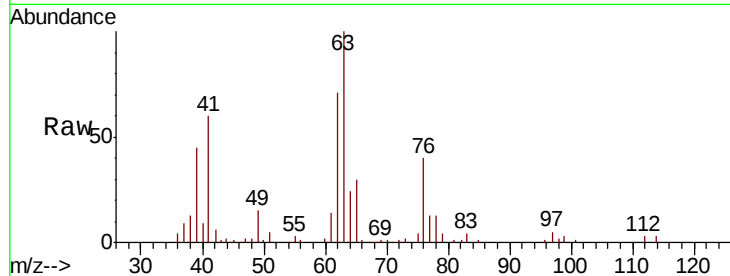




#45  
 1,2-Dichloropropane  
 Concen: 20.226 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

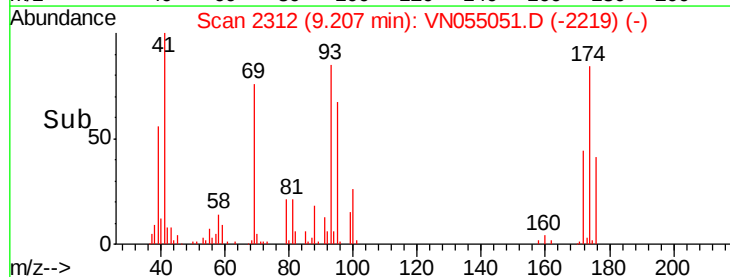
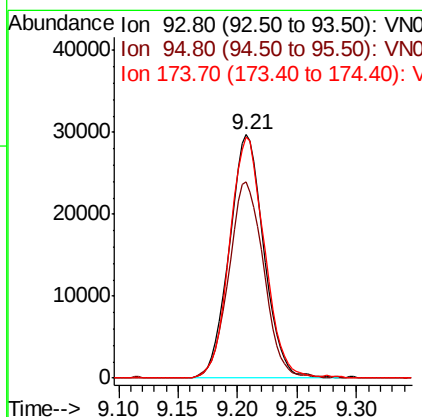
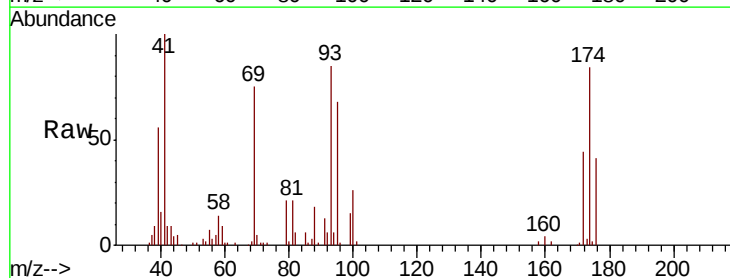
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0415WBS01

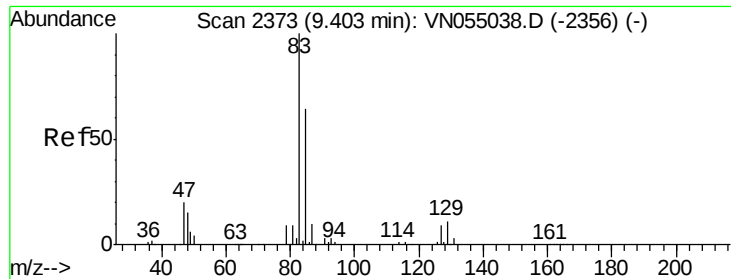
Tot Ion: 63 Resp: 104499  
 Ion Ratio Lower Upper  
 63 100  
 65 30.0 24.4 36.6



#46  
 Dibromomethane  
 Concen: 20.279 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Tgt Ion: 93 Resp: 59636  
 Ion Ratio Lower Upper  
 93 100  
 95 81.6 65.0 97.6  
 174 99.9 81.0 121.6





#47

Bromodichloromethane

Concen: 19.597 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

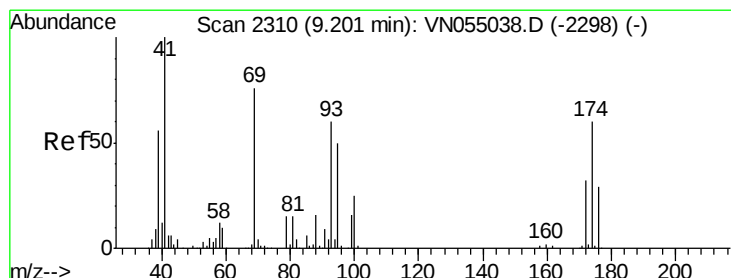
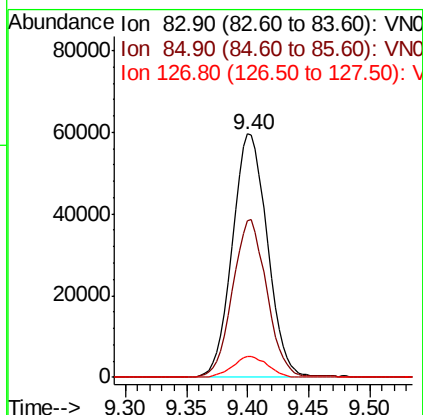
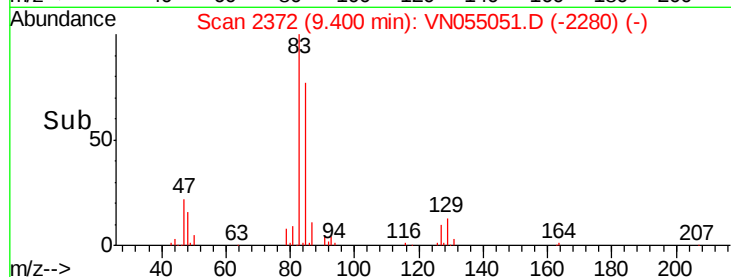
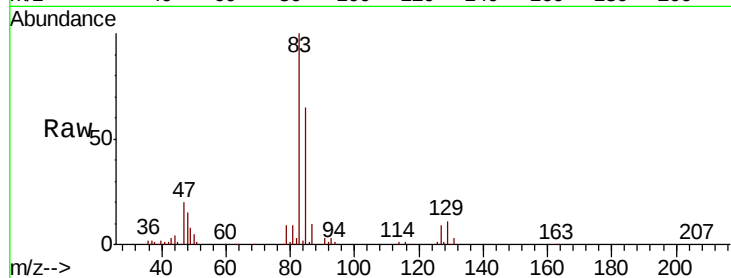
Tot Ion: 83 Resp: 118817

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

127 8.5 6.8 10.2



#48

Methyl methacrylate

Concen: 19.472 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

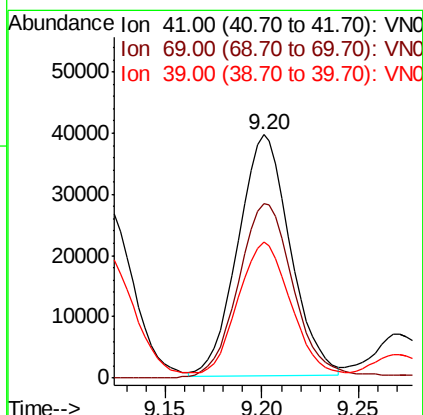
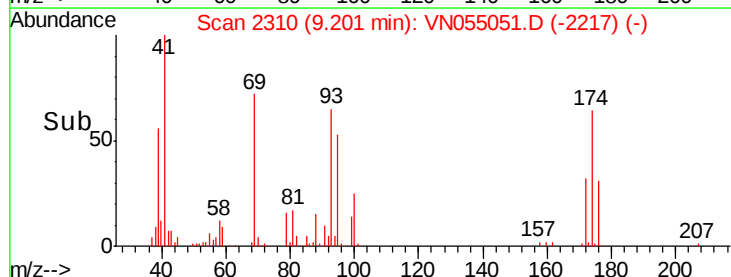
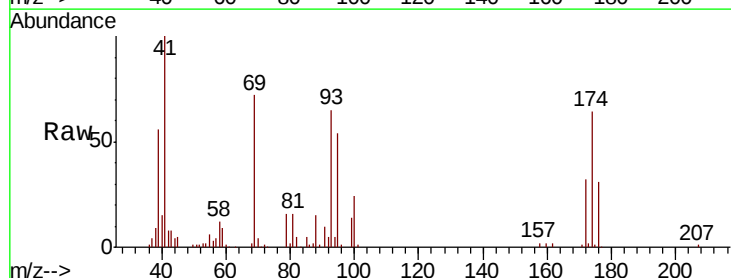
Tgt Ion: 41 Resp: 74421

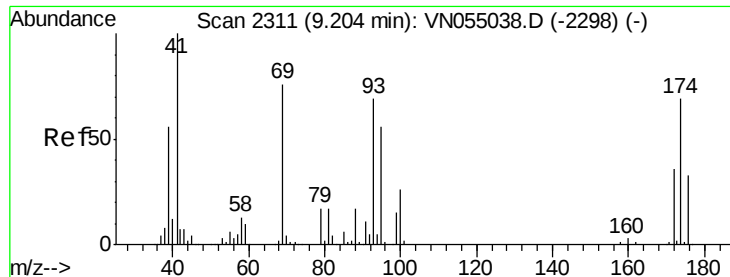
Ion Ratio Lower Upper

41 100

69 76.7 60.5 90.7

39 56.6 43.9 65.9





#49

1,4-Dioxane

Concen: 391.635 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

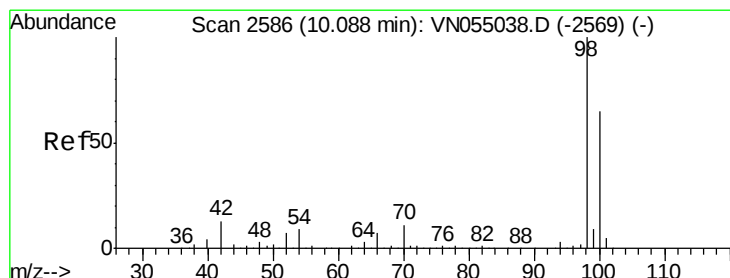
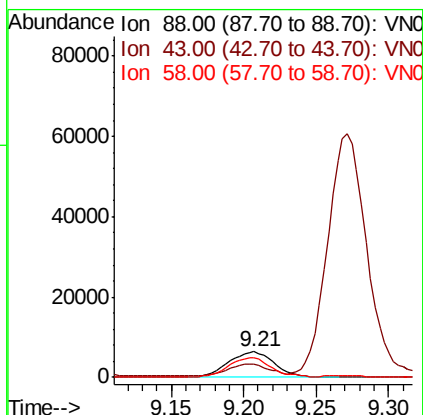
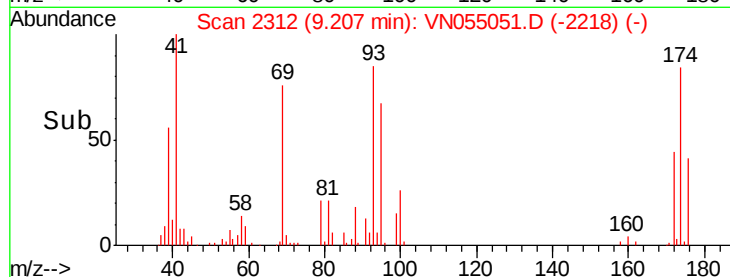
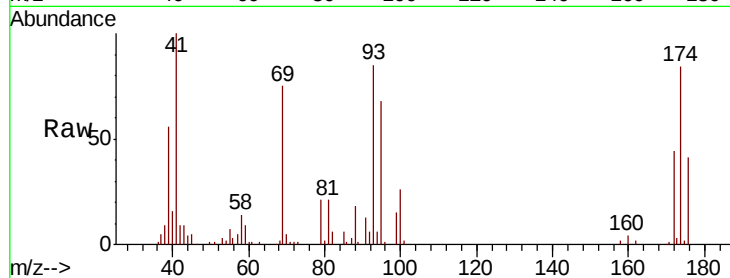
Tot Ion: 88 Resp: 14023

Ion Ratio Lower Upper

88 100

43 40.0 31.8 47.8

58 73.5 61.6 92.4



#50

Toluene-d8

Concen: 49.575 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055051.D

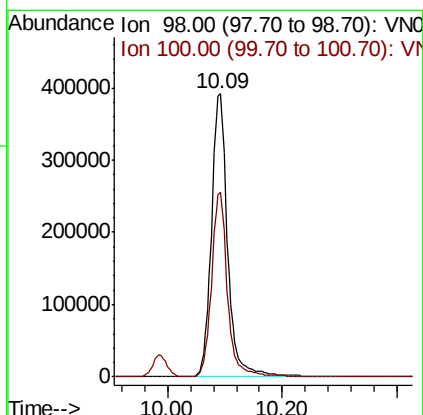
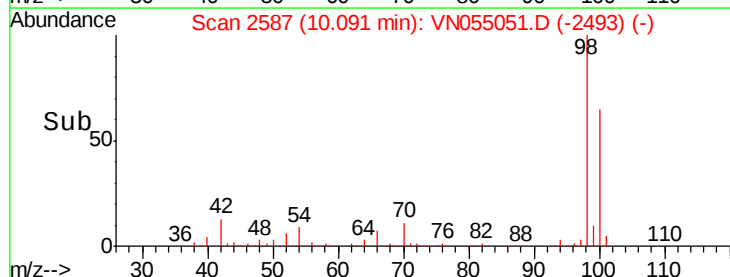
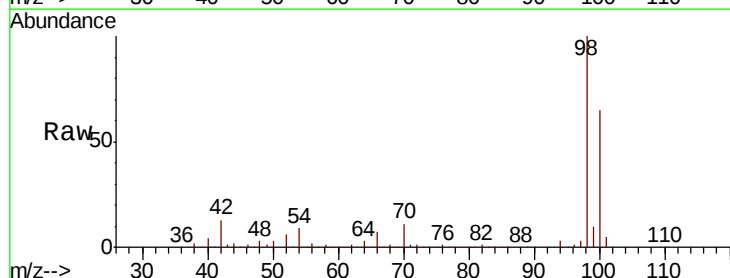
Acq: 15 Apr 2019 19:08

Tgt Ion: 98 Resp: 773196

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7

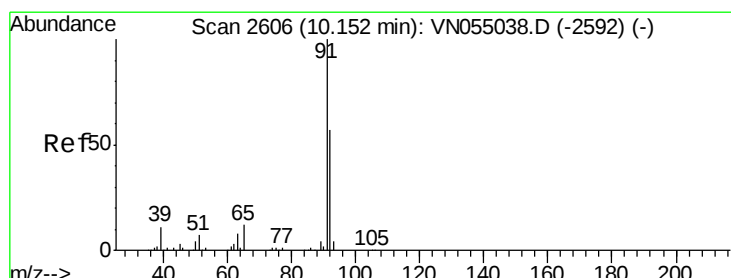
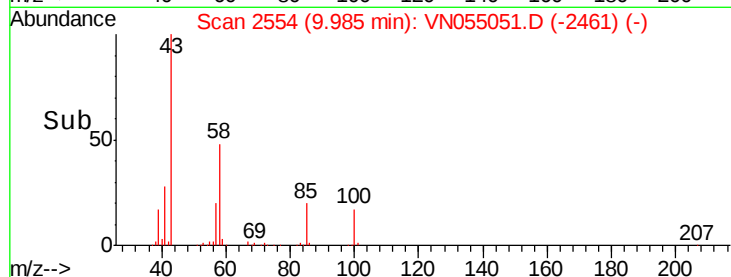
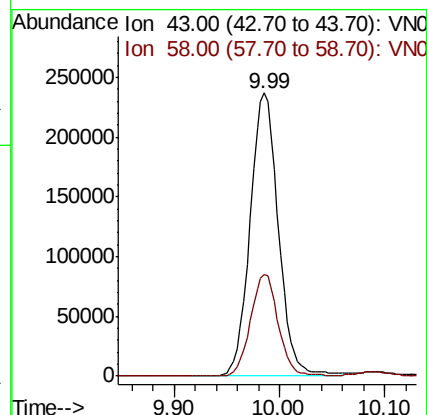
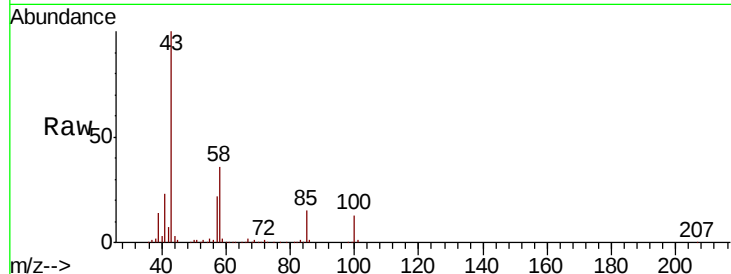




#51  
4-Methyl-2-Pentanone  
Concen: 98.996 ug/l  
RT: 9.99 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

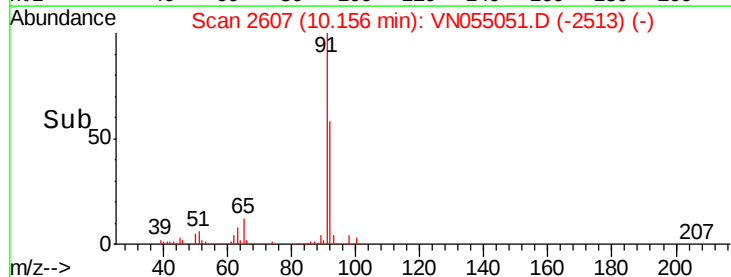
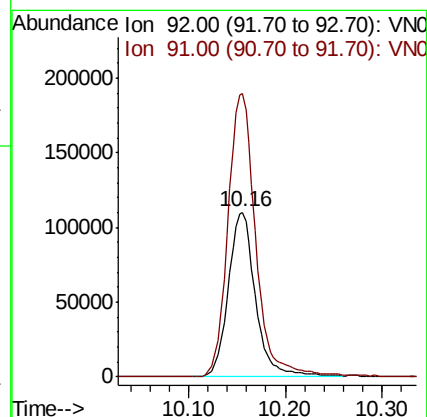
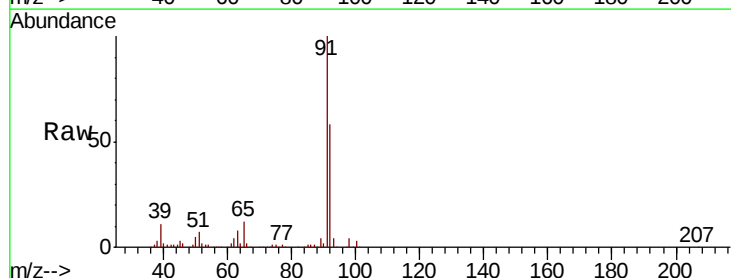
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0415WBS01

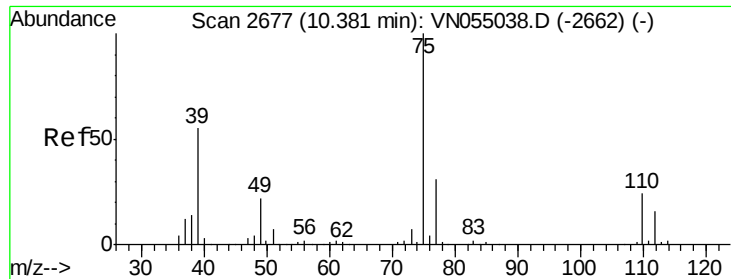
Tot Ion: 43 Resp: 440992  
Ion Ratio Lower Upper  
43 100  
58 35.4 29.0 43.4



#52  
Toluene  
Concen: 20.322 ug/l  
RT: 10.16 min Scan# 2607  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 92 Resp: 215618  
Ion Ratio Lower Upper  
92 100  
91 175.6 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 19.290 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

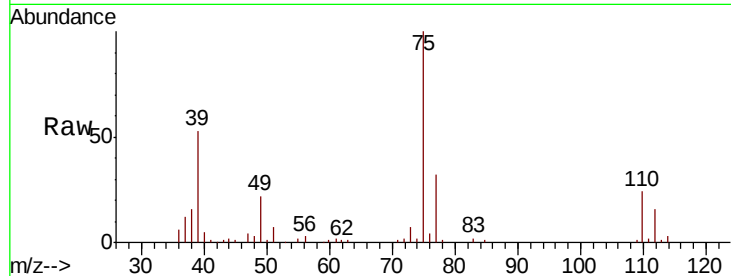
VN0415WBS01

Tot Ion: 75 Resp: 102205

Ion Ratio Lower Upper

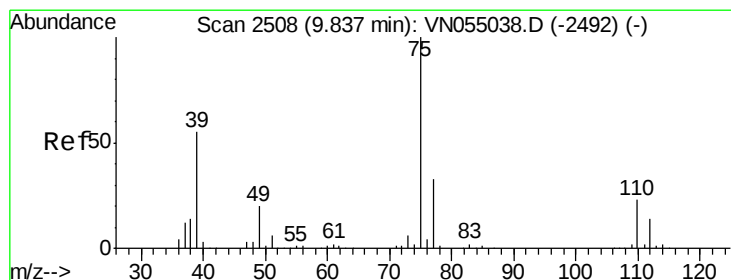
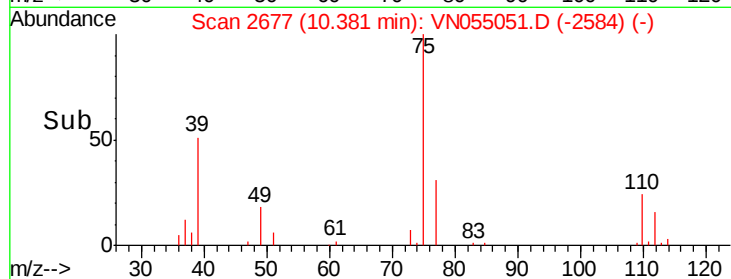
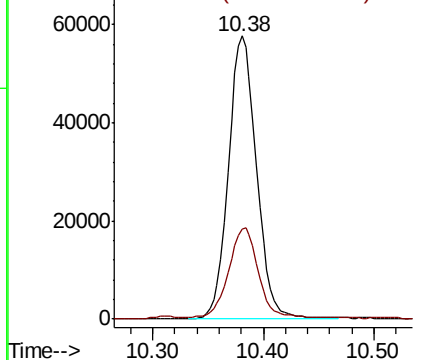
75 100

77 31.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.763 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

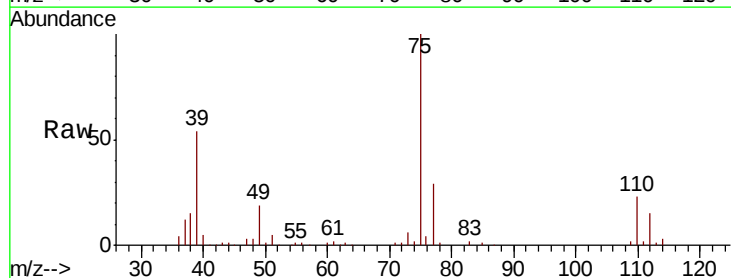
Tgt Ion: 75 Resp: 129965

Ion Ratio Lower Upper

75 100

77 28.8 25.8 38.6

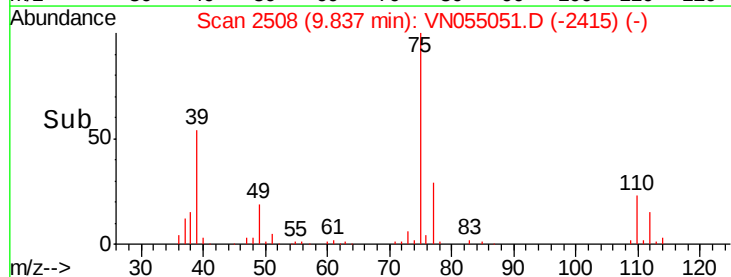
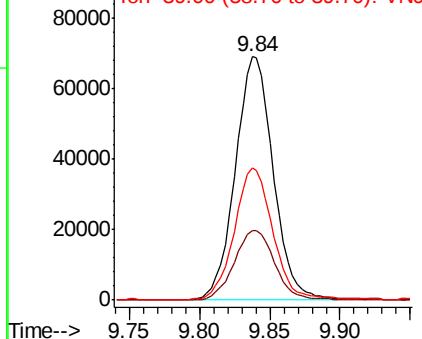
39 54.1 43.8 65.8

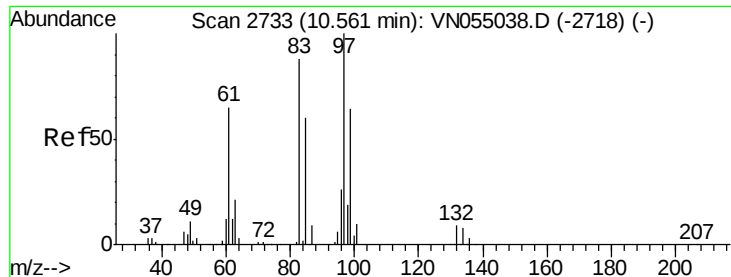


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.428 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

Tot Ion: 97 Resp: 79418

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 90.6  | 70.5  | 105.7 |
| 85  | 56.4  | 45.5  | 68.3  |
| 99  | 63.6  | 49.4  | 74.0  |

Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Time-->

10.56

40000

20000

0

10.50 10.55 10.60

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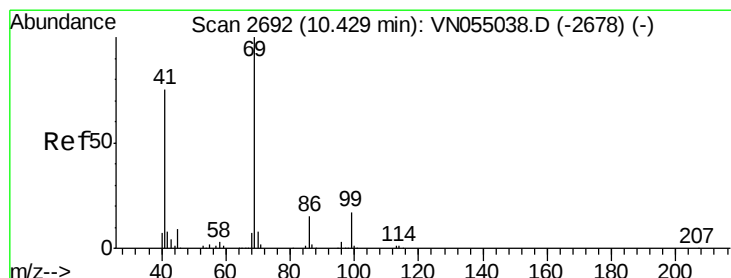
10.50 10.55 10.60

10.50 10.55 10.60

10.50 10.55 10.60

10.50 10.55 10.60

10.50 10.55 10.60



#56

Ethyl methacrylate

Concen: 20.157 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Tgt Ion: 69 Resp: 98891

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 75.9  | 61.4  | 92.0  |
| 39  | 39.3  | 30.8  | 46.2  |

Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Time-->

10.43

80000

60000

40000

20000

0

10.35 10.40 10.45 10.50

10.35 10.40 10.45 10.50

10.35 10.40 10.45 10.50

10.35 10.40 10.45 10.50

10.35 10.40 10.45 10.50

10.35 10.40 10.45 10.50

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10.35 10.40 10.45 10.50

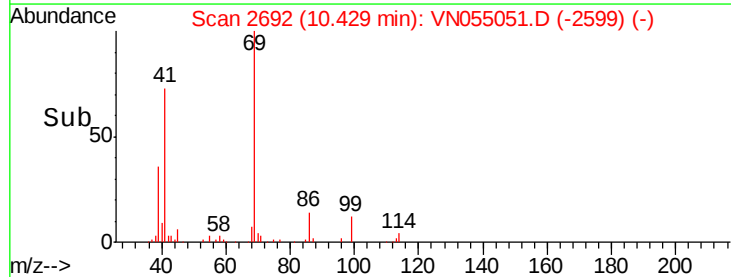
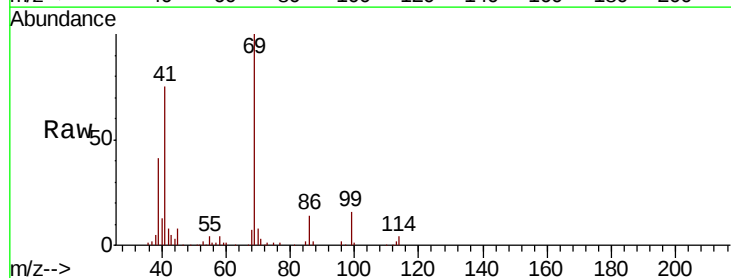
10.35 10.40 10.45 10.50

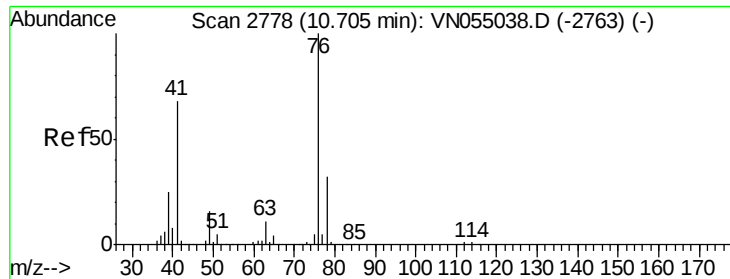
10.35 10.40 10.45 10.50

10.35 10.40 10.45 10.50

10.35 10.40 10.45 10.50

10.35 10.40 10.45 10.50

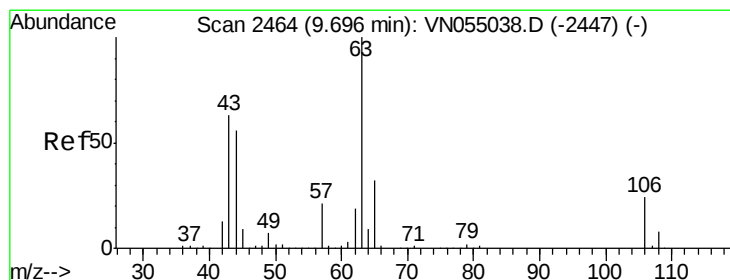
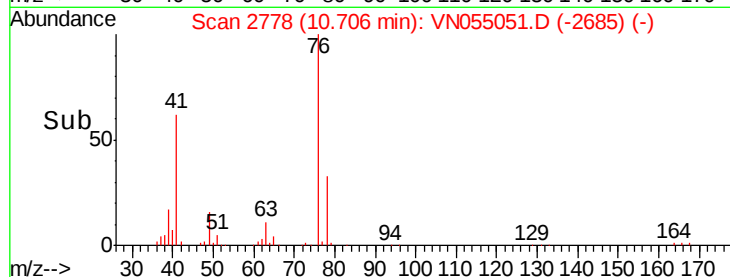
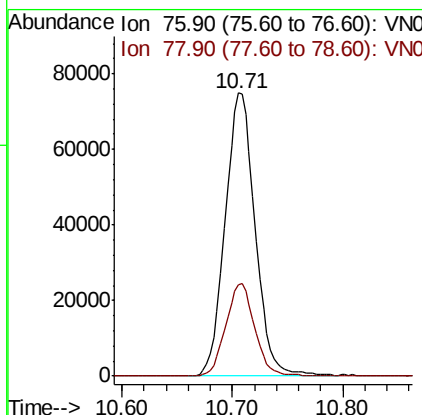
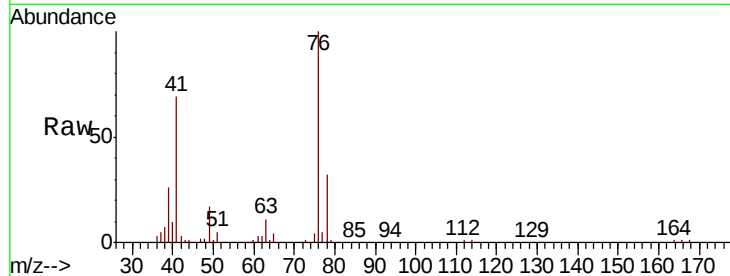




#57  
 1,3-Dichloropropane  
 Concen: 20.322 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

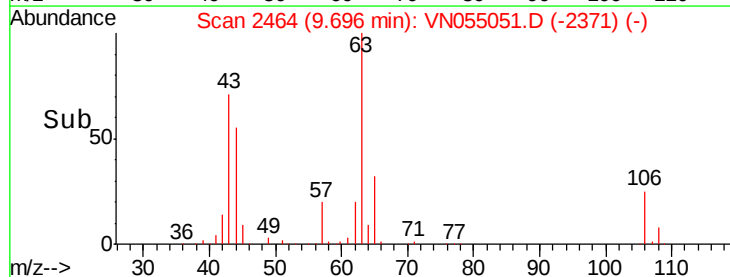
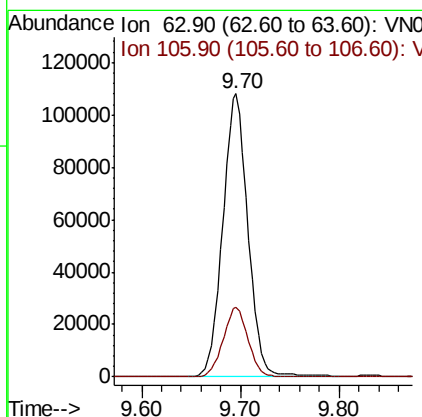
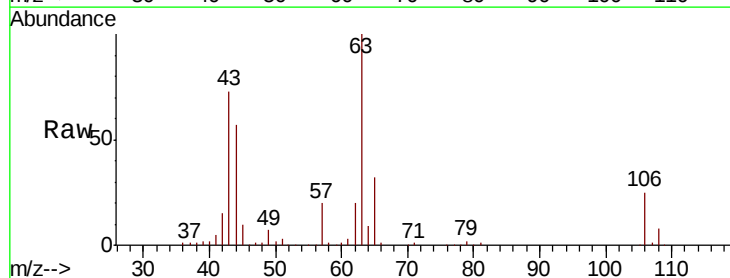
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

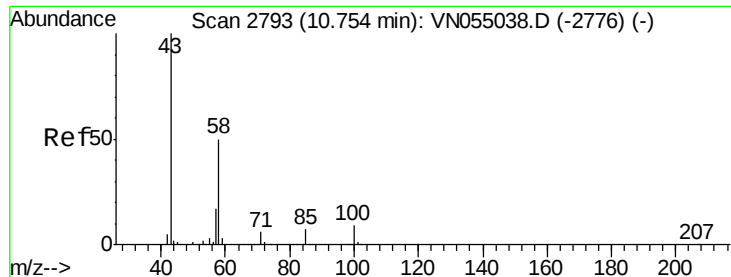
Tot Ion: 76 Resp: 141441  
 Ion Ratio Lower Upper  
 76 100  
 78 31.7 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 96.659 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Tgt Ion: 63 Resp: 193456  
 Ion Ratio Lower Upper  
 63 100  
 106 24.3 20.0 30.0

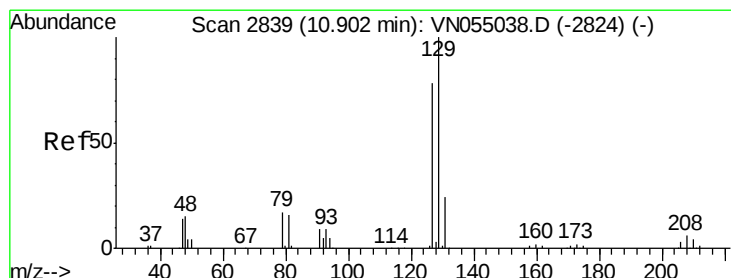
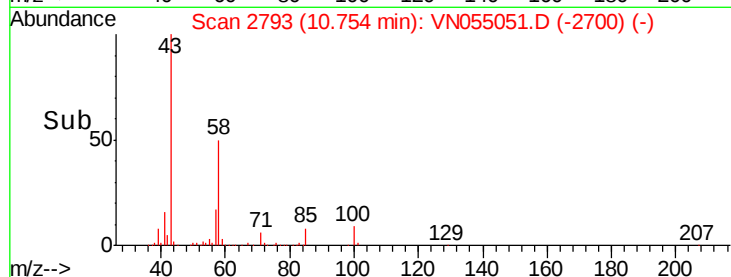
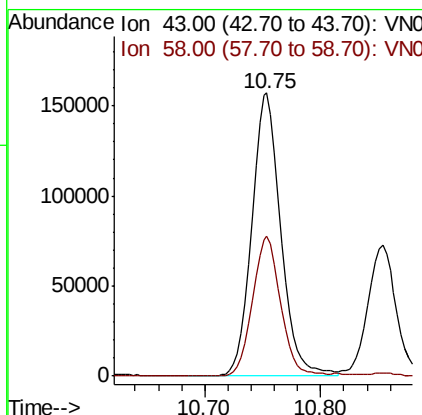
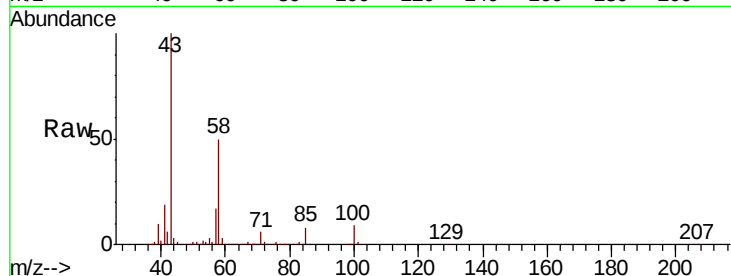




#59  
2-Hexanone  
Concen: 97.743 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

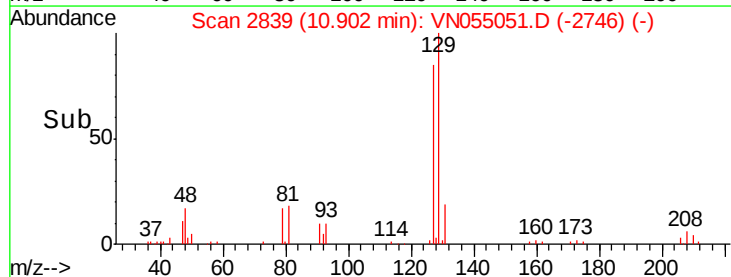
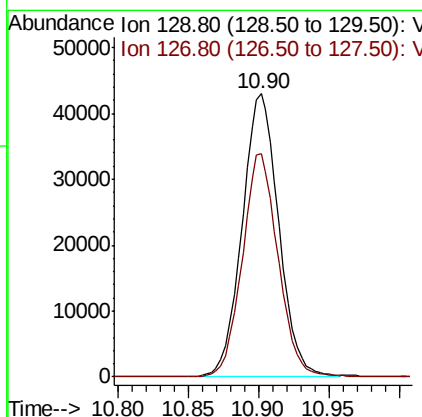
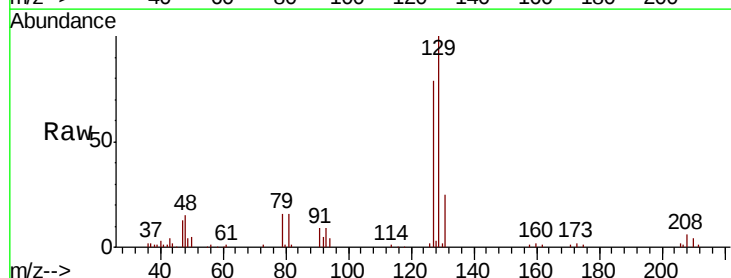
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0415WBS01

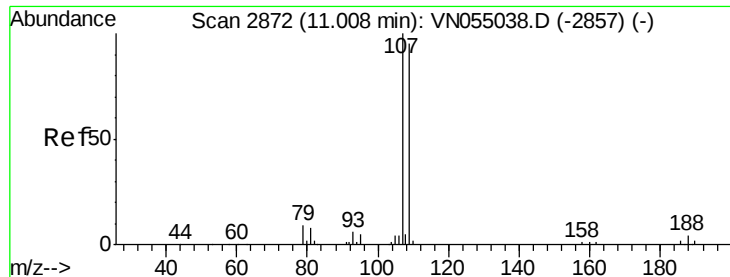
Tot Ion: 43 Resp: 273481  
Ion Ratio Lower Upper  
43 100  
58 48.4 25.1 75.2



#60  
Dibromochloromethane  
Concen: 19.557 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 129 Resp: 78066  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.133 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

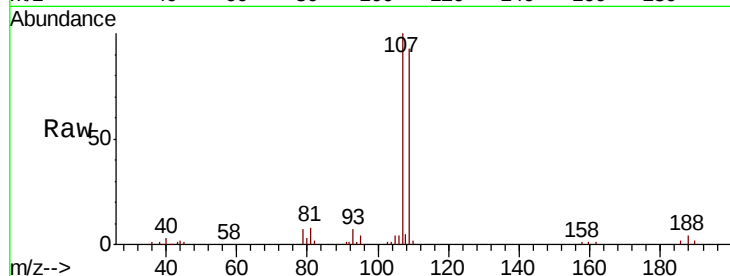
VN0415WBS01

Tot Ion:107 Resp: 75750

Ion Ratio Lower Upper

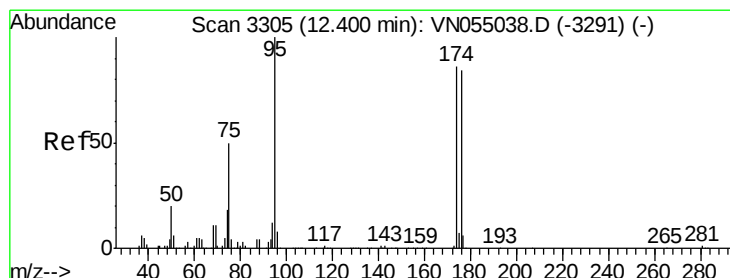
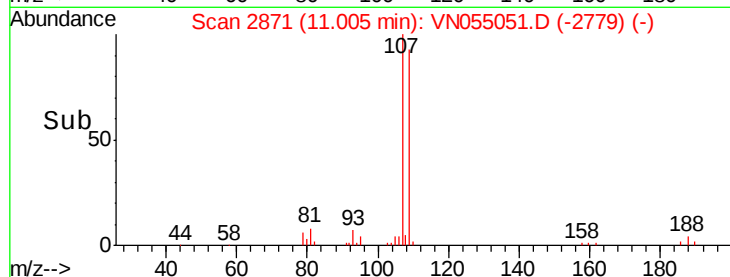
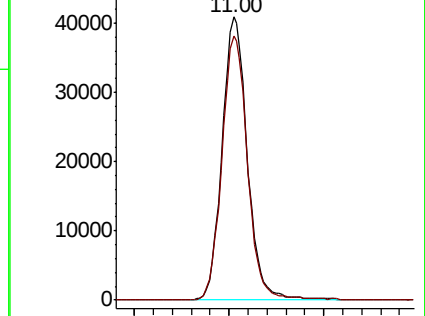
107 100

109 94.3 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.173 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

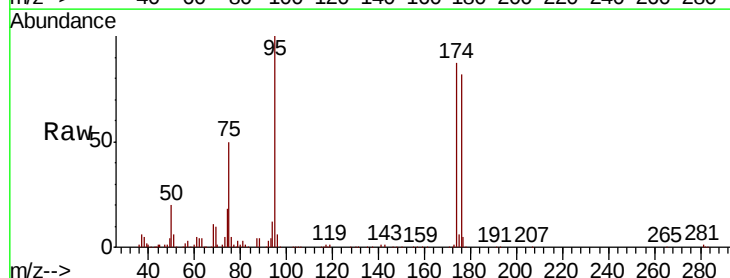
Tgt Ion: 95 Resp: 254396

Ion Ratio Lower Upper

95 100

174 86.3 0.0 174.4

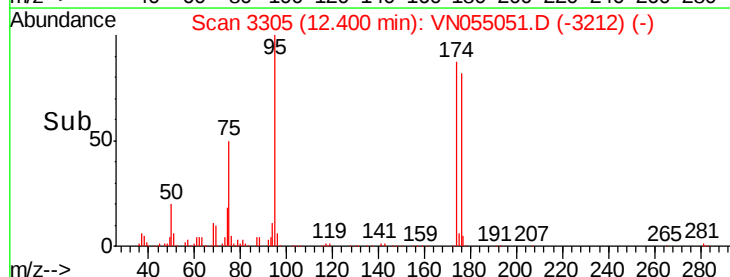
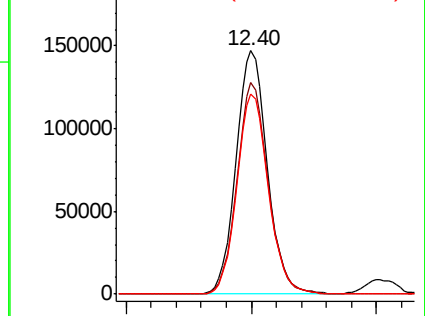
176 82.8 0.0 166.8

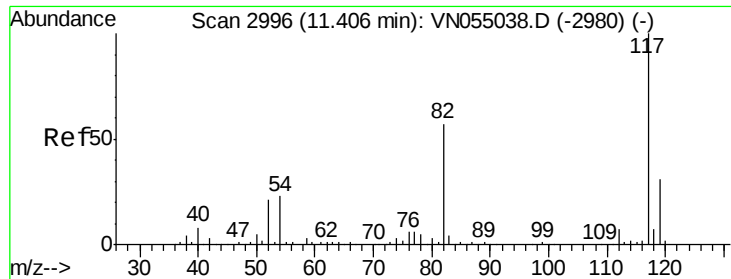


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

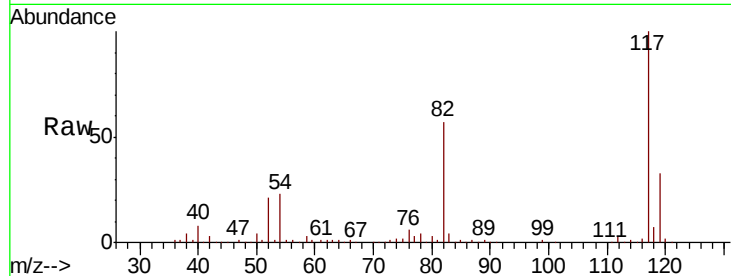




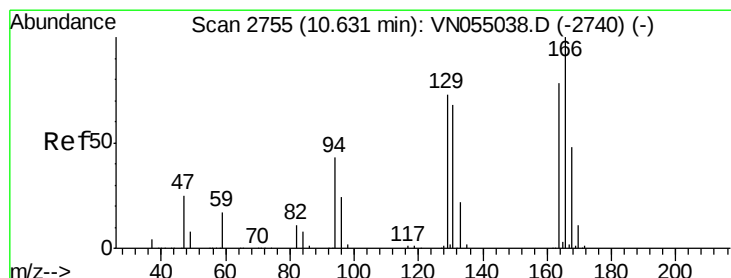
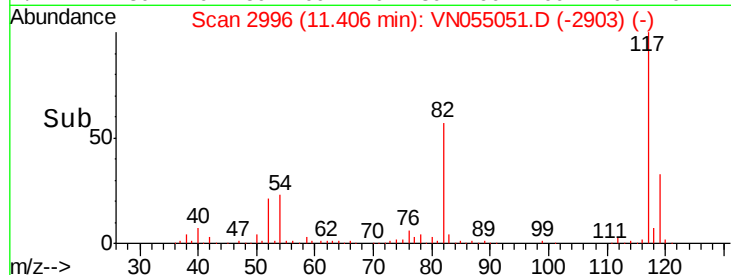
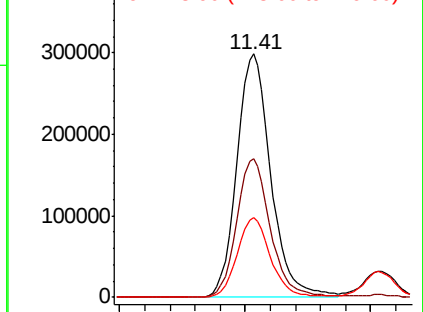
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0415WBS01

Tot Ion:117 Resp: 561485  
Ion Ratio Lower Upper  
117 100  
82 56.8 44.6 66.8  
119 32.8 25.5 38.3

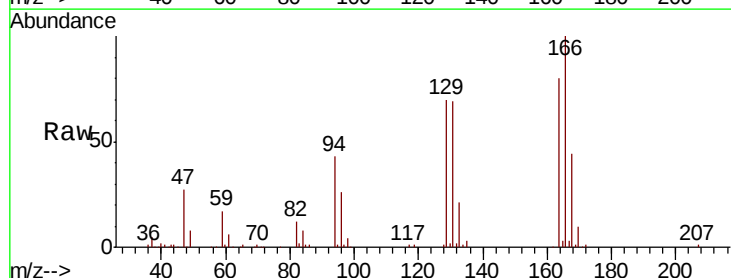


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

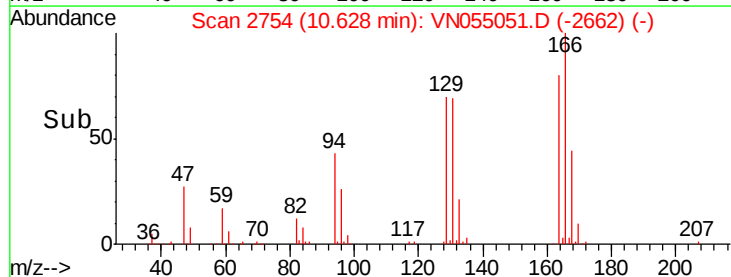
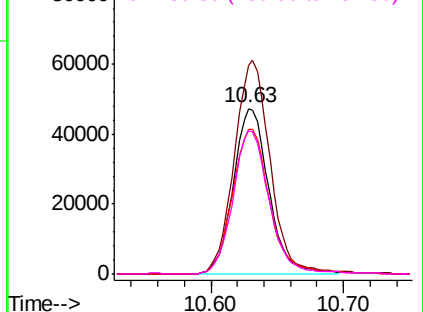


#64  
Tetrachloroethene  
Concen: 19.352 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. -0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion:164 Resp: 88355  
Ion Ratio Lower Upper  
164 100  
166 125.8 100.0 150.0  
129 87.5 72.0 108.0  
131 86.8 69.7 104.5



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

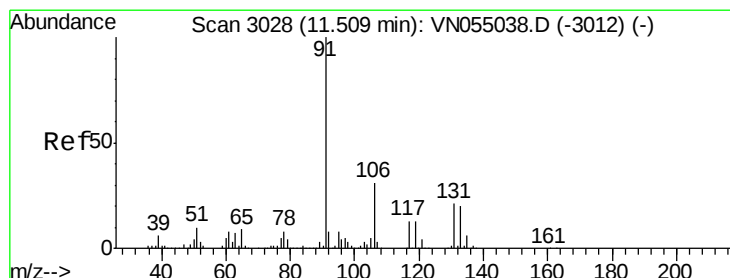
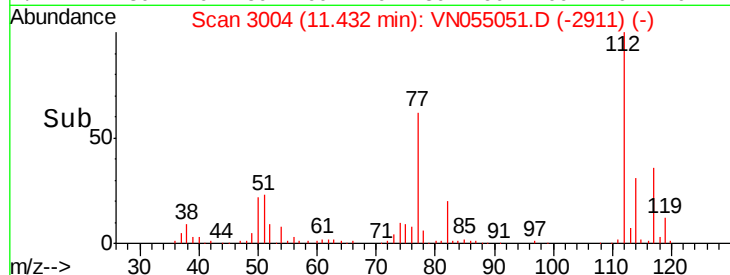
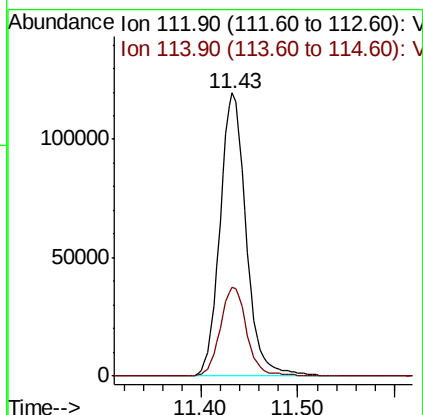
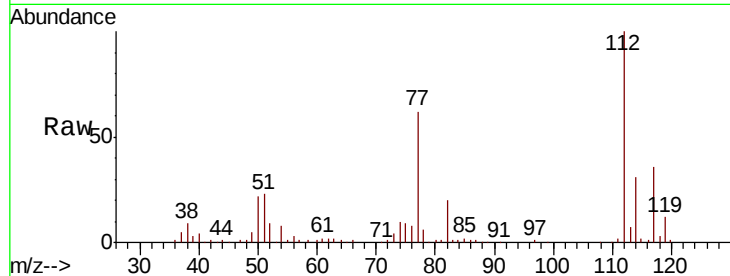




#65  
Chlorobenzene  
Concen: 19.896 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

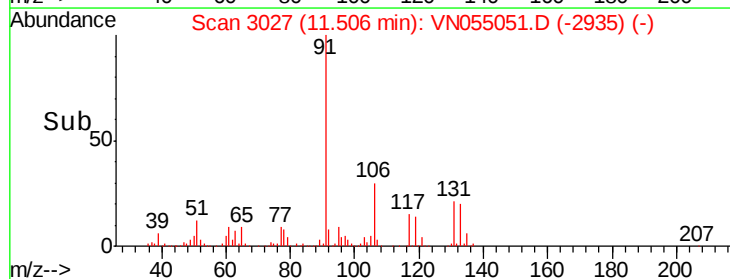
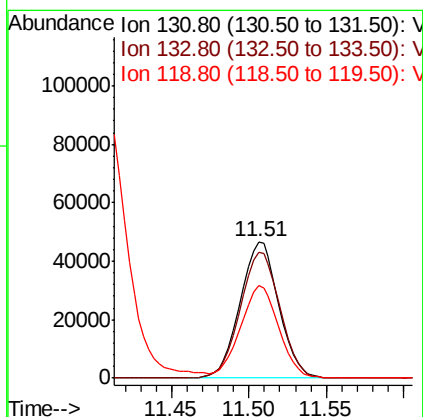
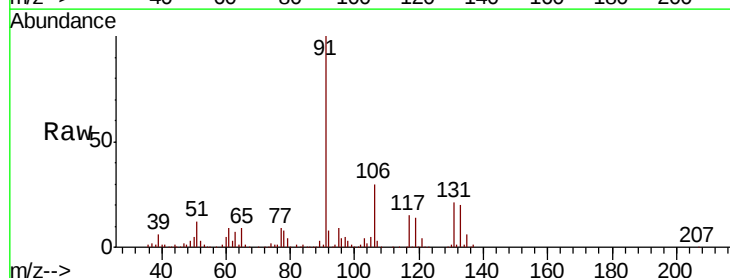
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0415WBS01

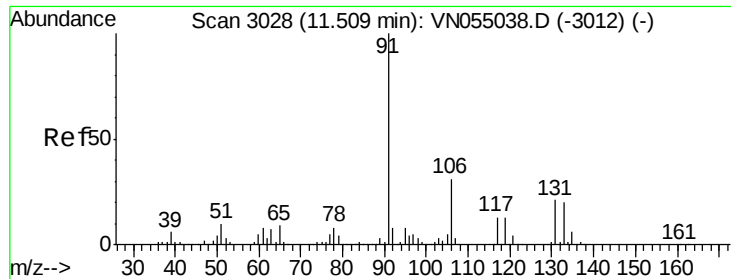
Tot Ion:112 Resp: 224867  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.504 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion:131 Resp: 81077  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.8 143.3  
119 67.6 33.6 100.6

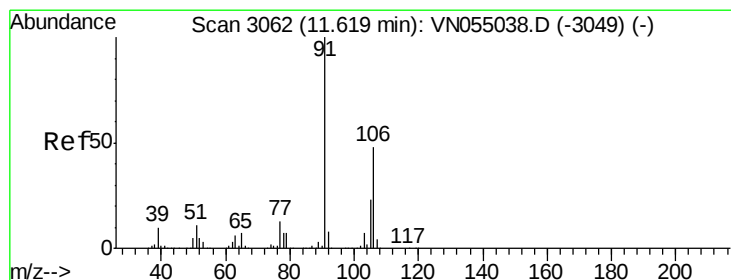
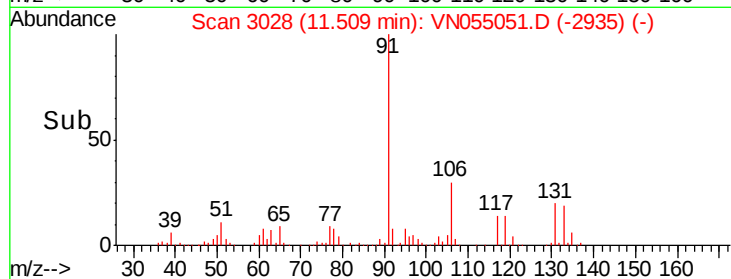
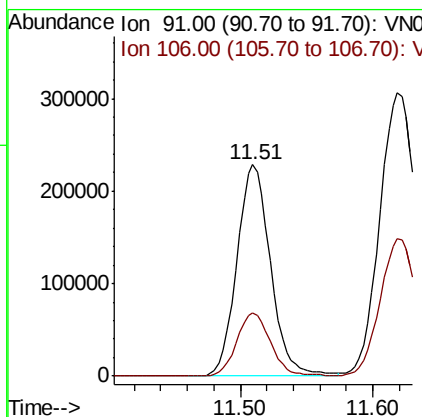
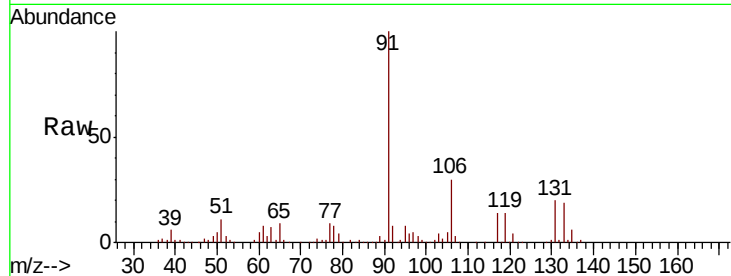




#67  
Ethyl Benzene  
Concen: 19.939 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

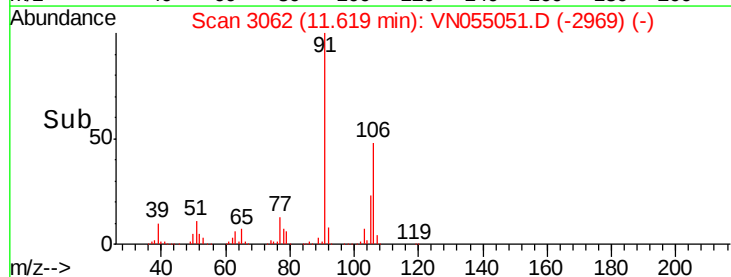
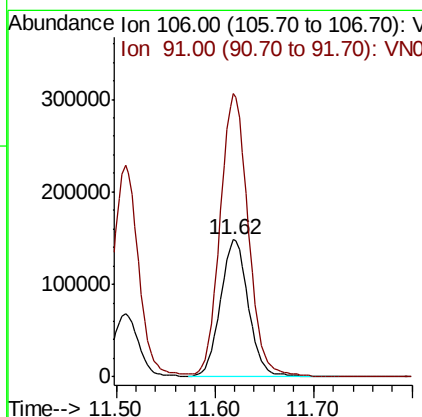
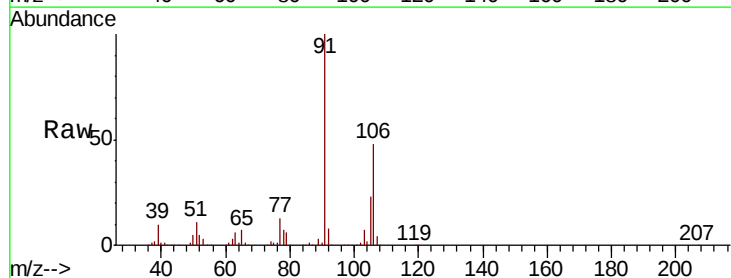
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0415WBS01

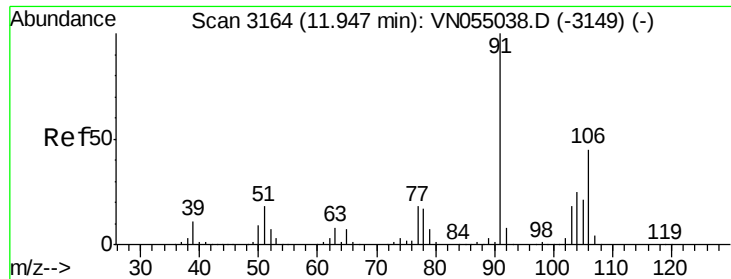
Tot Ion: 91 Resp: 402446  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.3 36.5



#68  
m/p-Xylenes  
Concen: 40.574 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion: 106 Resp: 296549  
Ion Ratio Lower Upper  
106 100  
91 207.8 165.9 248.9

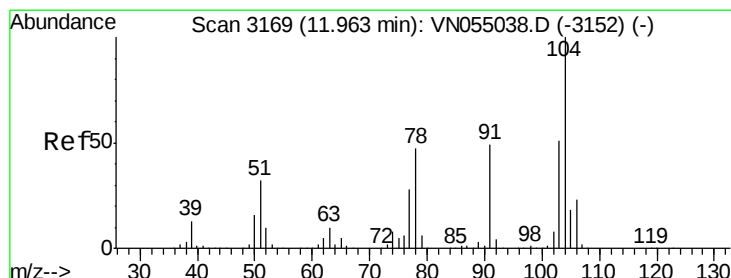
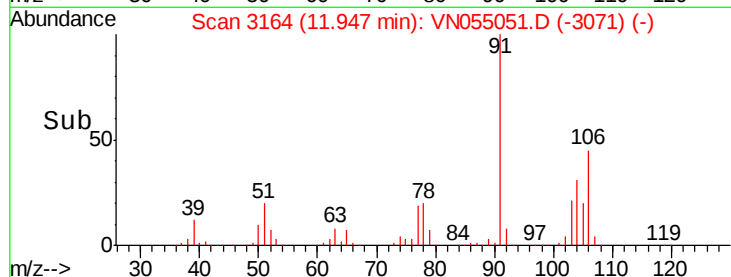
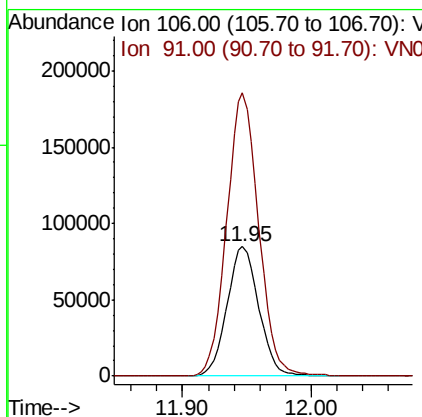
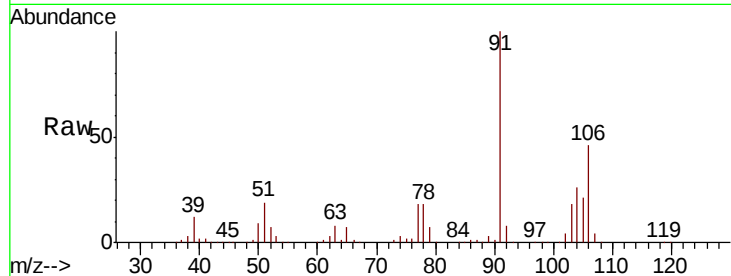




#69  
o-Xylene  
Concen: 20.518 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

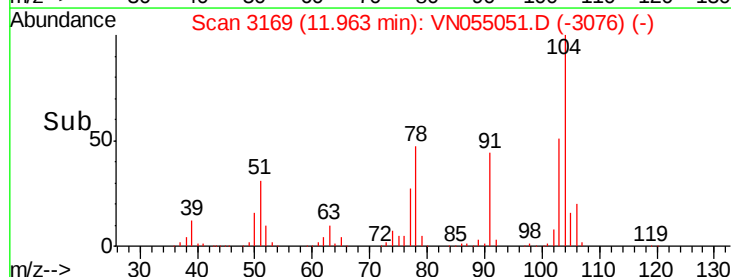
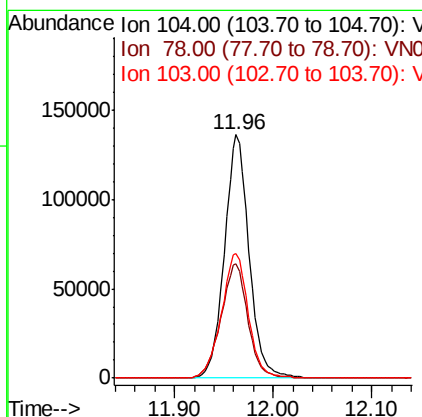
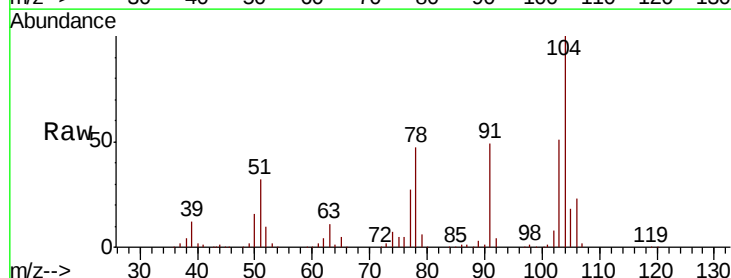
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0415WBS01

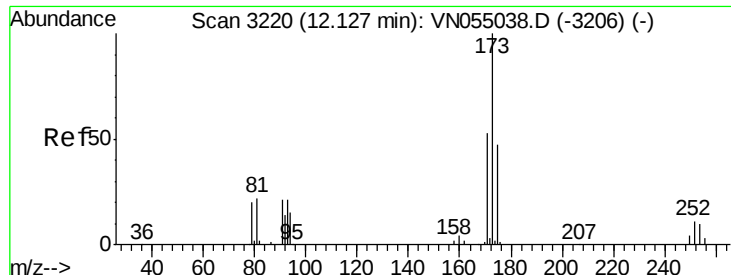
Tot Ion:106 Resp: 145248  
Ion Ratio Lower Upper  
106 100  
91 219.6 109.9 329.8



#70  
Styrene  
Concen: 20.789 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055051.D  
Acq: 15 Apr 2019 19:08

Tgt Ion:104 Resp: 238214  
Ion Ratio Lower Upper  
104 100  
78 51.4 40.3 60.5  
103 56.1 44.3 66.5





#71

Bromoform

Concen: 19.776 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

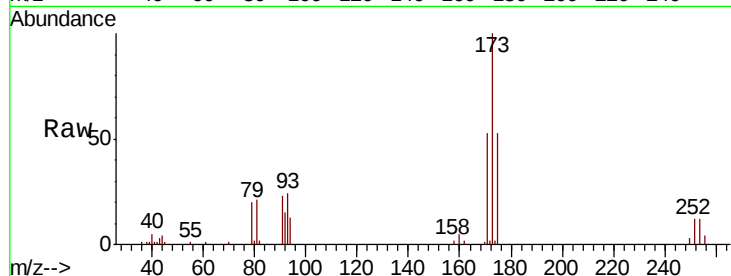
Tot Ion:173 Resp: 47119

Ion Ratio Lower Upper

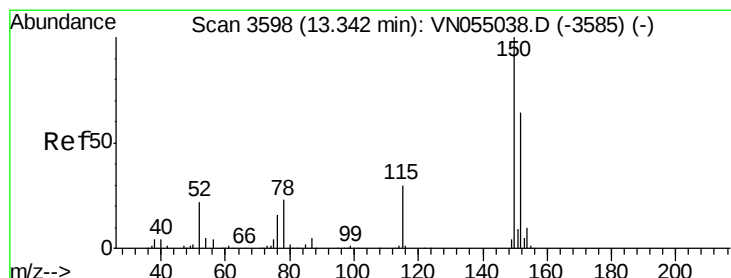
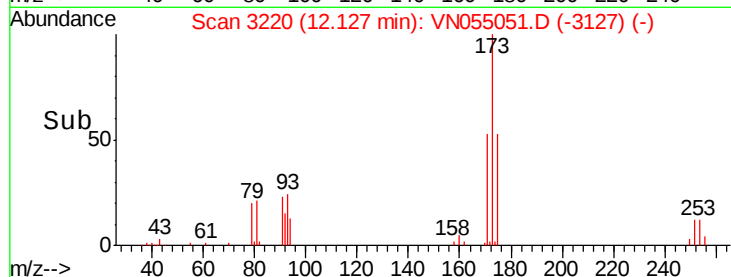
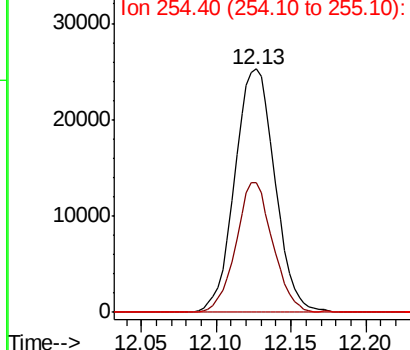
173 100

175 49.1 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

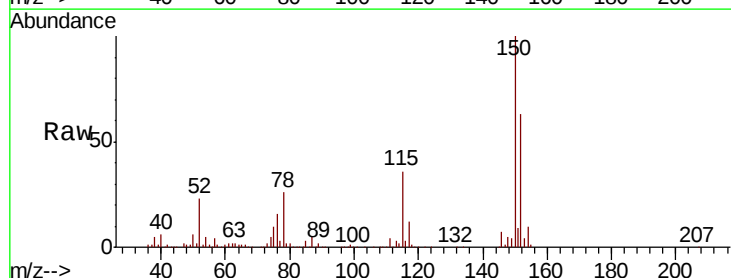
Tgt Ion:152 Resp: 229807

Ion Ratio Lower Upper

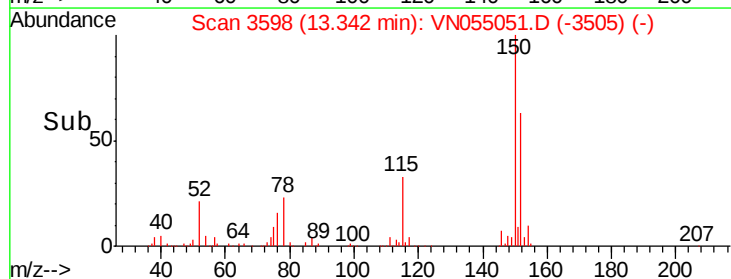
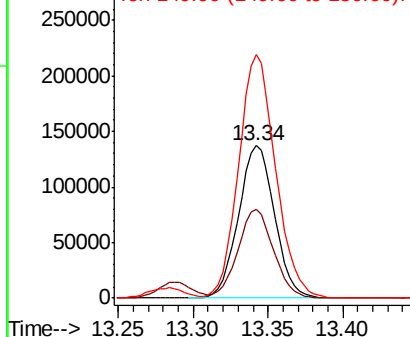
152 100

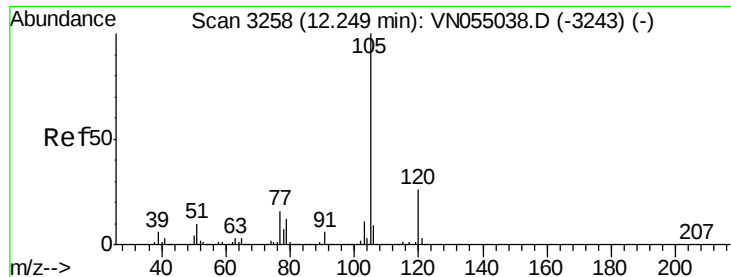
115 57.4 28.5 85.6

150 163.4 0.0 347.2



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





#73

Isopropylbenzene

Concen: 18.850 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampled :

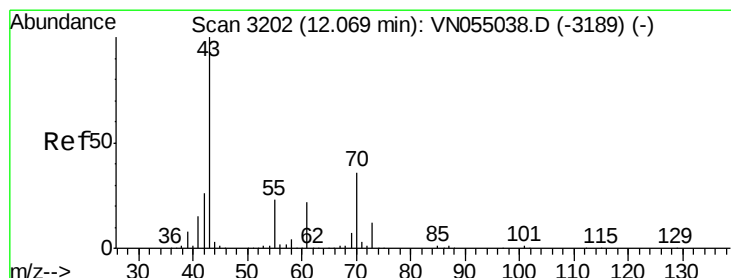
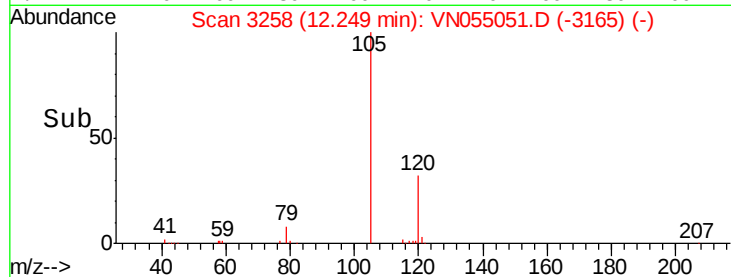
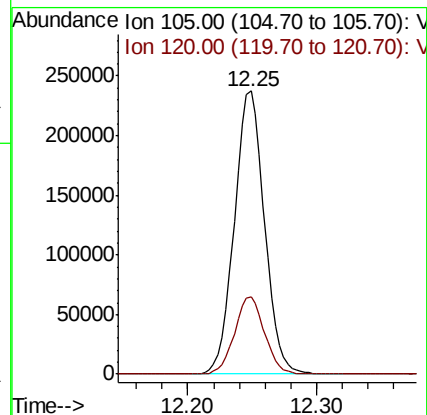
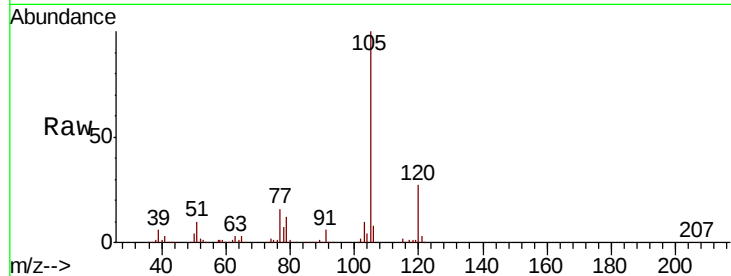
VN0415WBS01

Tot Ion:105 Resp: 384400

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 19.472 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Tgt Ion: 43 Resp: 111778

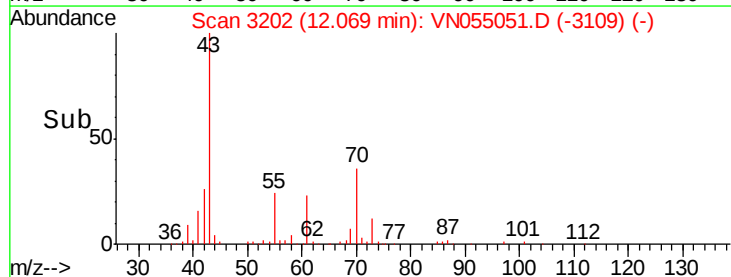
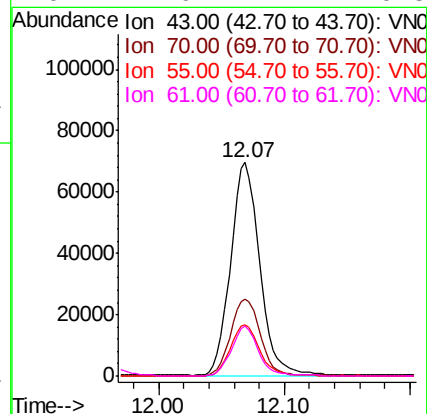
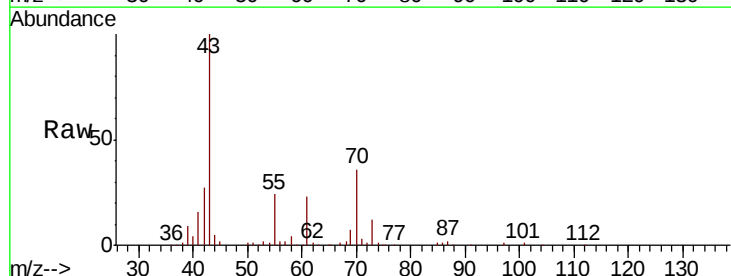
Ion Ratio Lower Upper

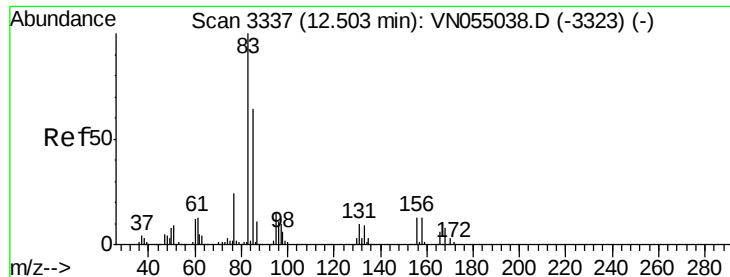
43 100

70 37.3 29.4 44.0

55 24.3 19.0 28.4

61 21.9 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.137 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

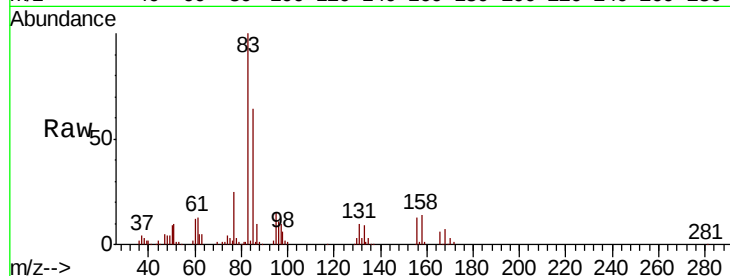
Tot Ion: 83 Resp: 98966

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

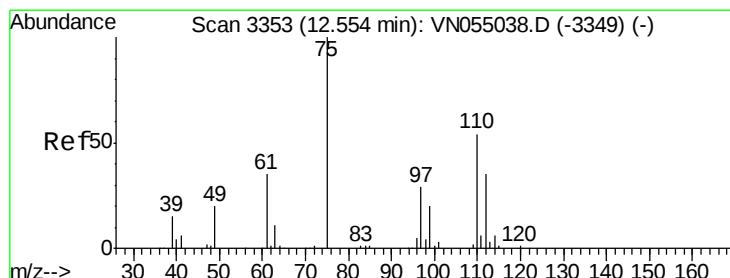
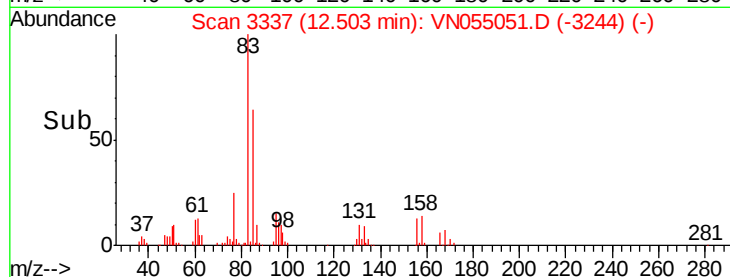
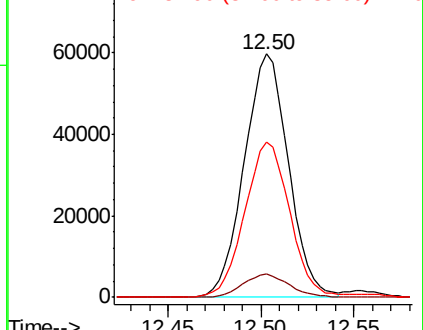
85 65.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.838 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055051.D

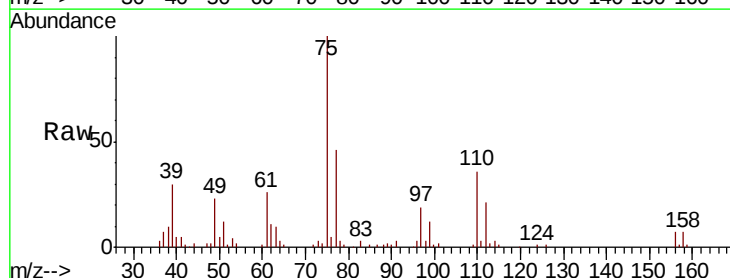
Acq: 15 Apr 2019 19:08

Tgt Ion: 75 Resp: 115039

Ion Ratio Lower Upper

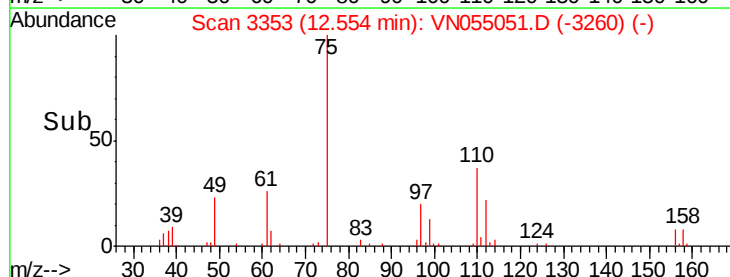
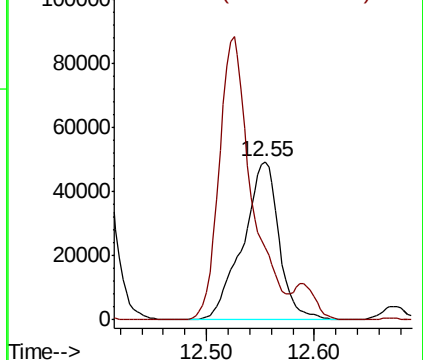
75 100

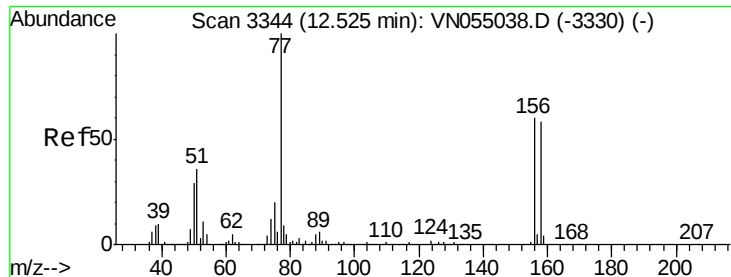
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.632 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

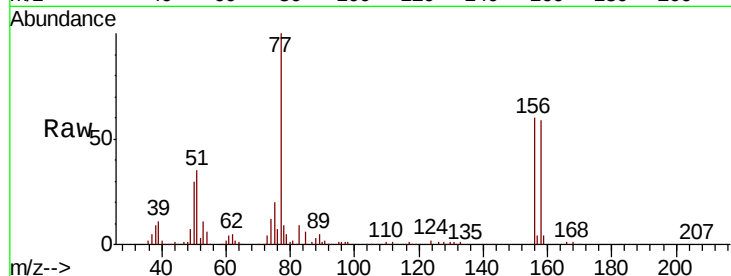
Tot Ion:156 Resp: 94723

Ion Ratio Lower Upper

156 100

77 196.3 97.2 291.5

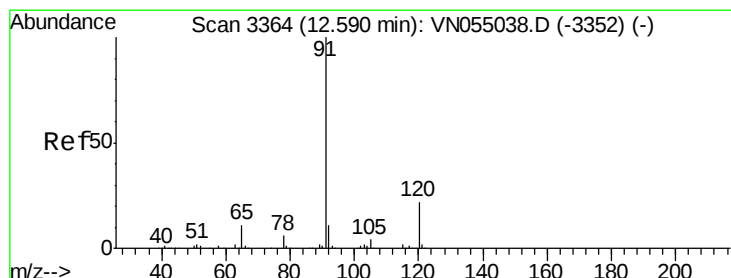
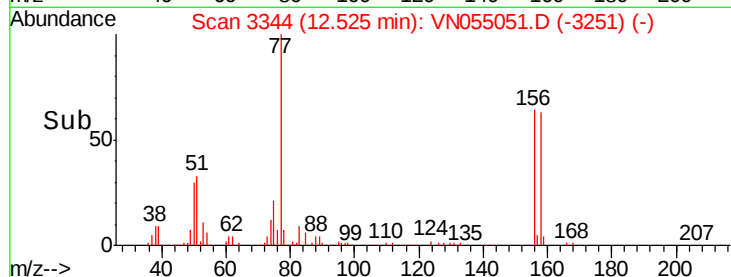
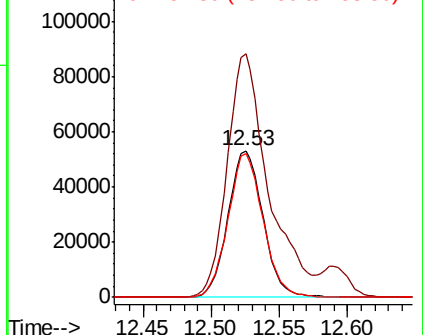
158 98.0 48.6 145.9



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: 19.278 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055051.D

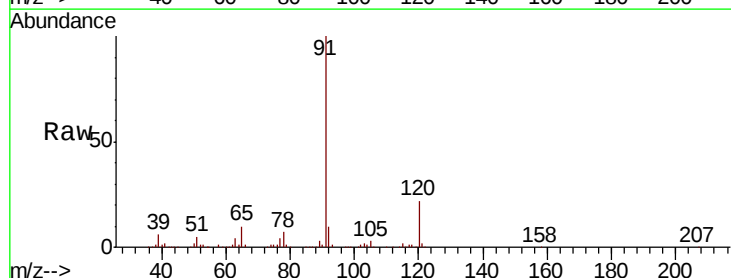
Acq: 15 Apr 2019 19:08

Tgt Ion: 91 Resp: 424736

Ion Ratio Lower Upper

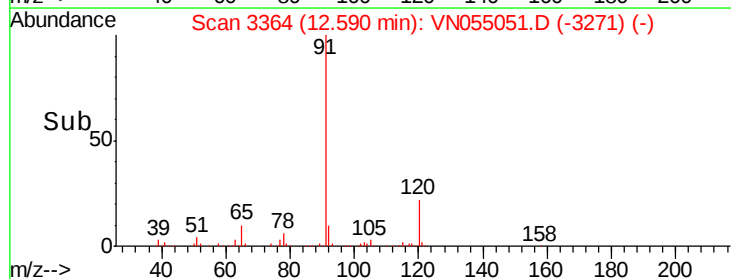
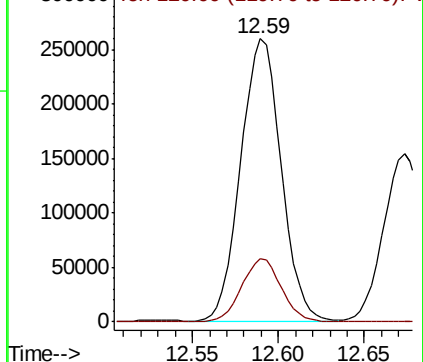
91 100

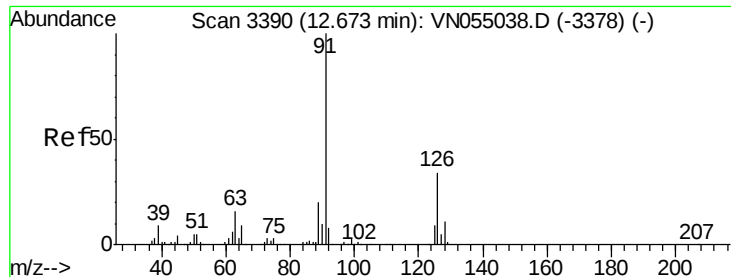
120 21.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.086 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

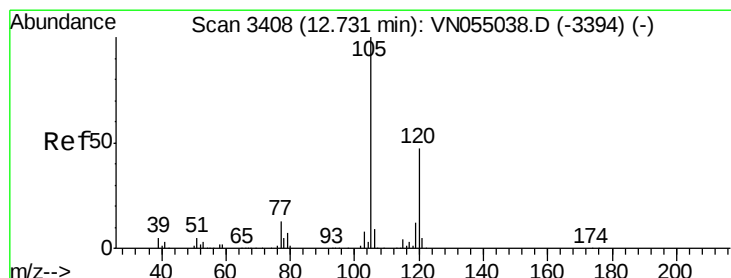
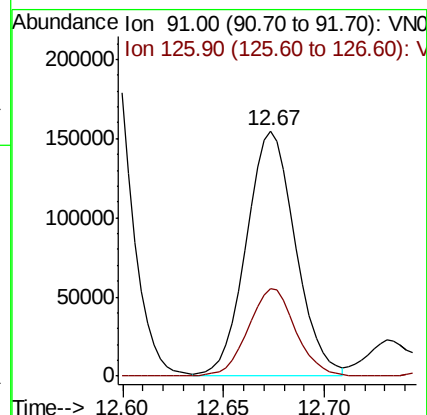
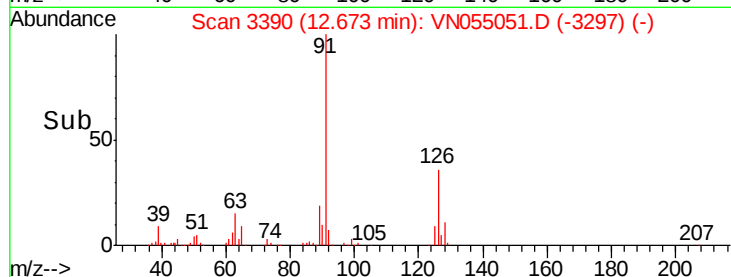
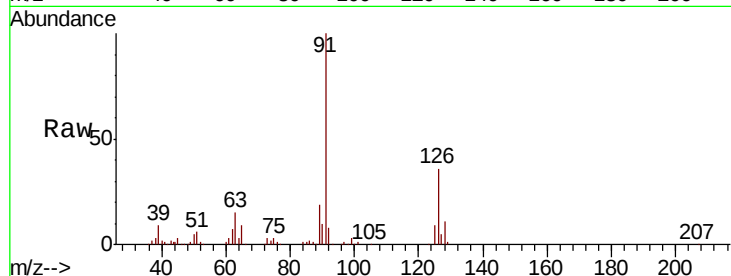
VN0415WBS01

Tot Ion: 91 Resp: 262289

Ion Ratio Lower Upper

91 100

126 34.8 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.074 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055051.D

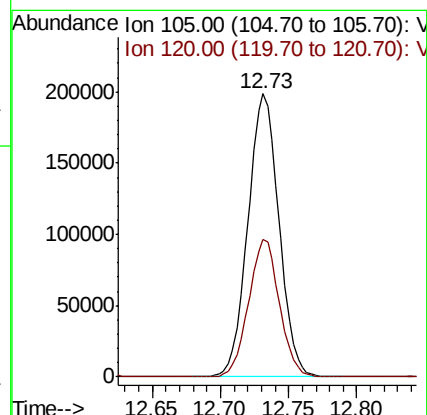
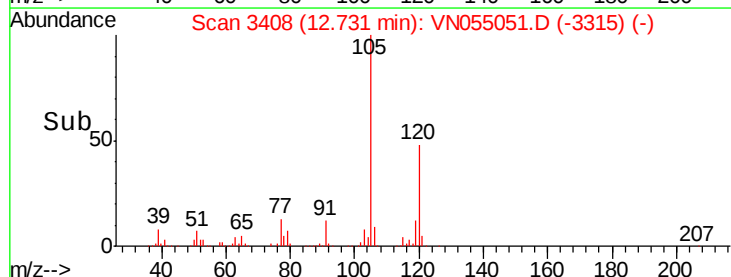
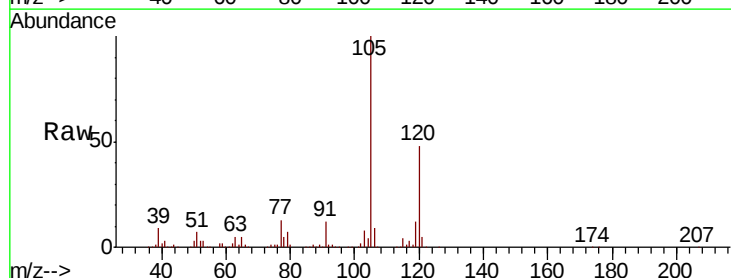
Acq: 15 Apr 2019 19:08

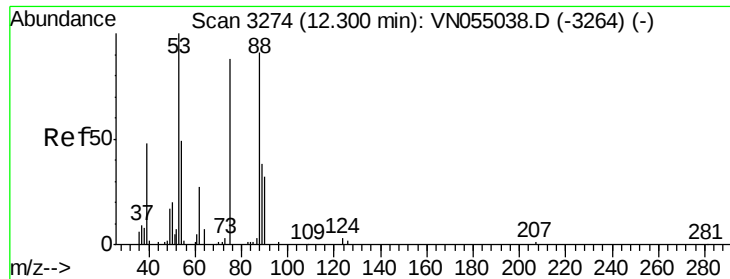
Tgt Ion: 105 Resp: 313888

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.691 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

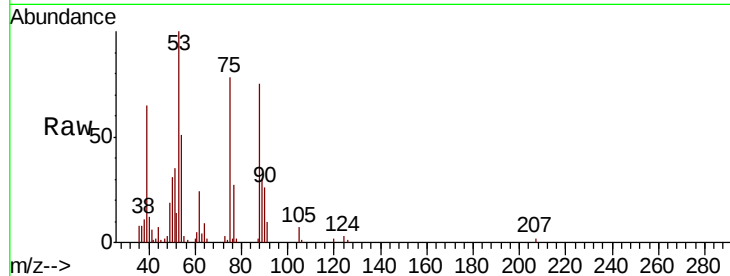
MSVOA\_N

ClientSampleId :

VN0415WBS01

Tot Ion: 75 Resp: 19316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 120.4 | 96.3  | 144.5 |
| 89  | 41.0  | 38.6  | 57.8  |



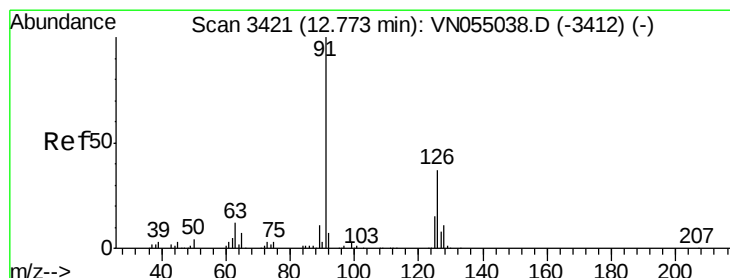
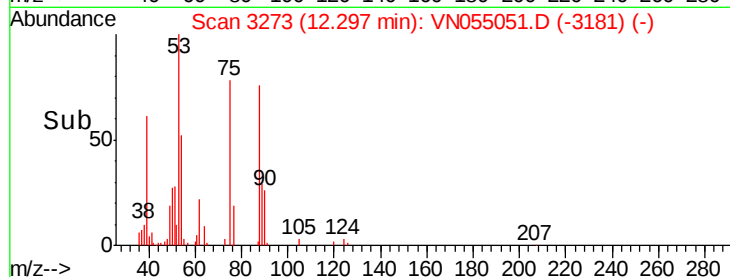
Abundance

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

Time-->



#82

4-Chlorotoluene

Concen: 19.284 ug/l

RT: 12.77 min Scan# 3421

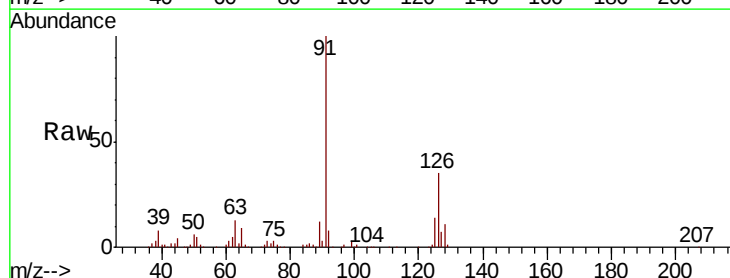
Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Tgt Ion: 91 Resp: 247250

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 33.8  | 16.4  | 49.2  |

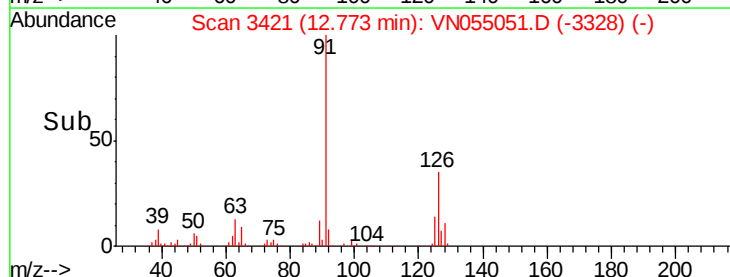


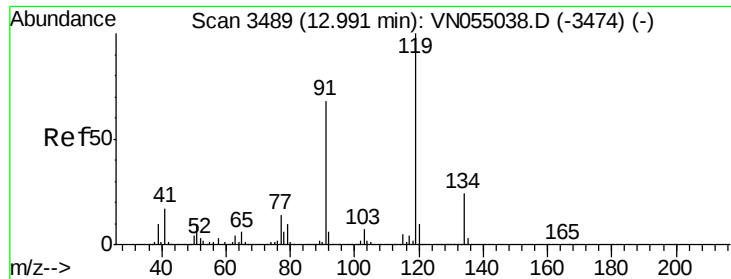
Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

Time-->

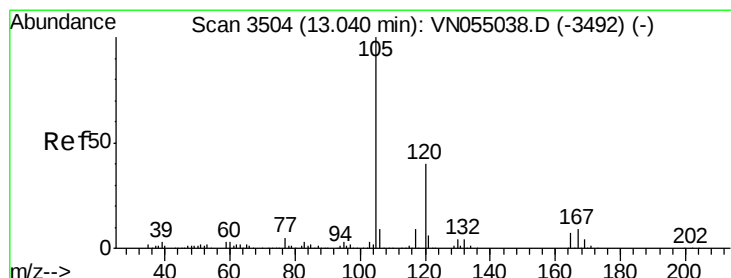
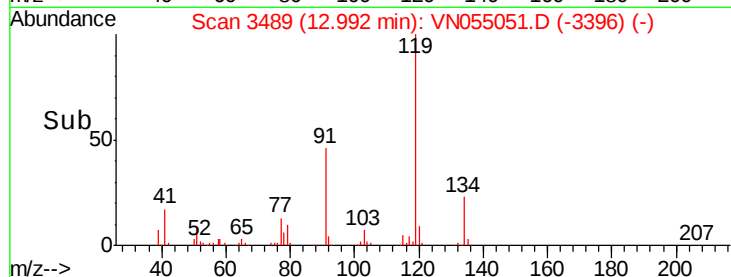
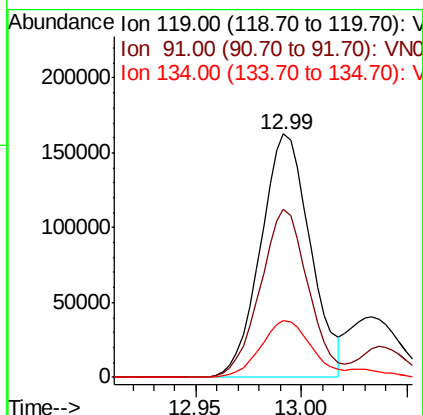
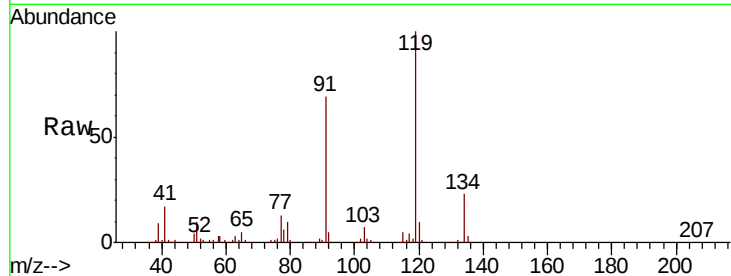




#83  
 tert-Butylbenzene  
 Concen: 19.128 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

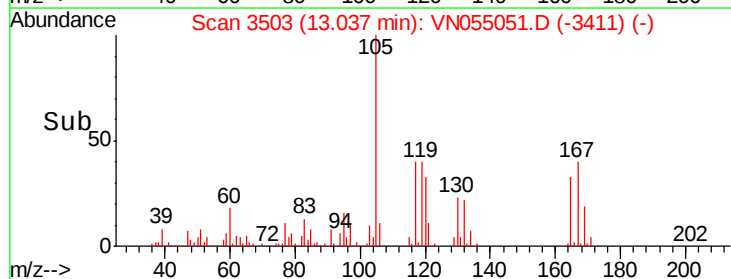
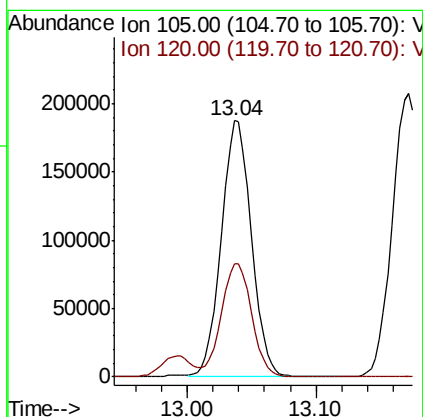
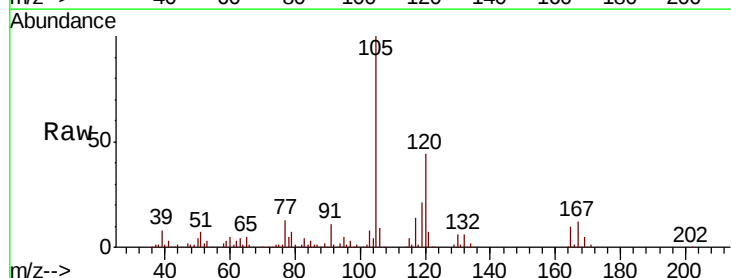
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

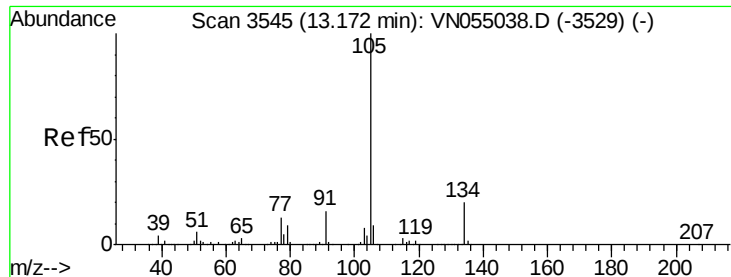
Tot Ion:119 Resp: 265846  
 Ion Ratio Lower Upper  
 119 100  
 91 67.1 33.3 99.8  
 134 24.0 12.3 36.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.466 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. -0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Tgt Ion:105 Resp: 303589  
 Ion Ratio Lower Upper  
 105 100  
 120 44.5 22.4 67.3

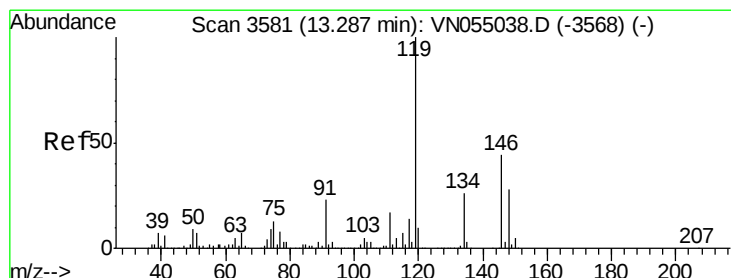
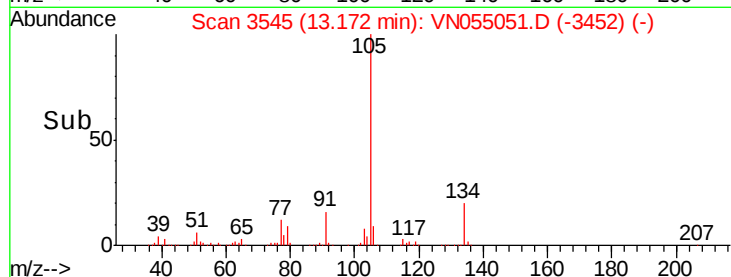
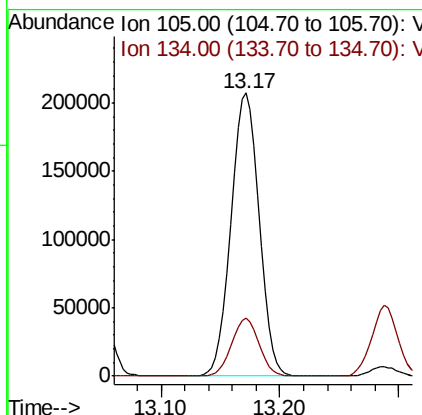
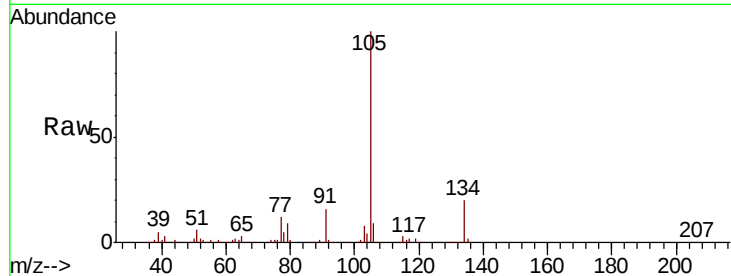




#85  
 sec-Butylbenzene  
 Concen: 19.168 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

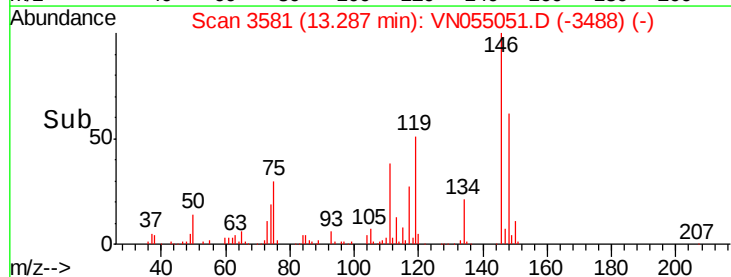
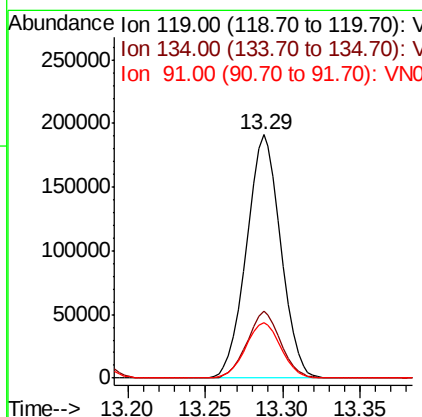
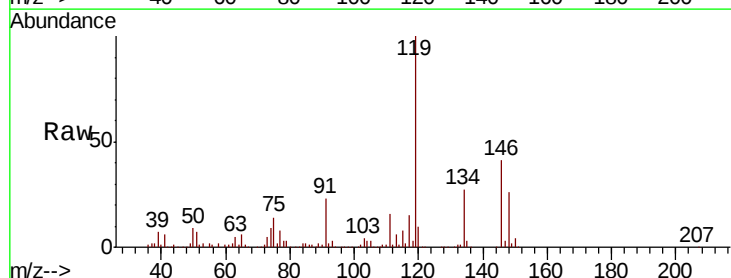
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

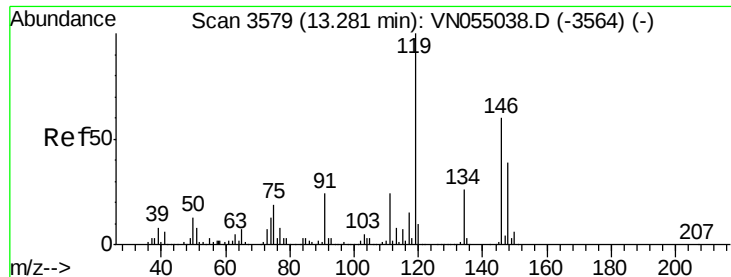
Tot Ion:105 Resp: 339457  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 19.444 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Tgt Ion:119 Resp: 295422  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.2 39.5  
 91 23.6 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 19.332 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

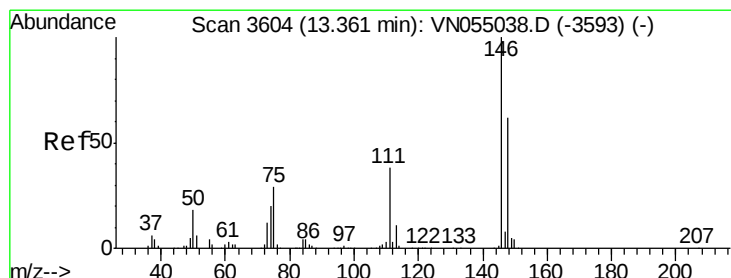
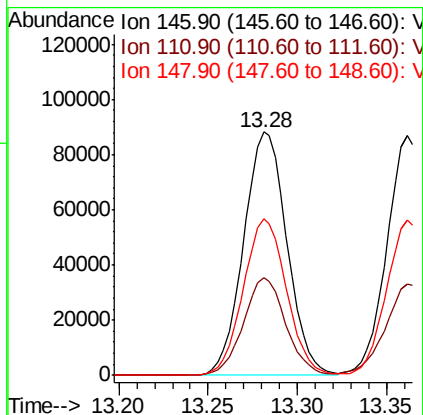
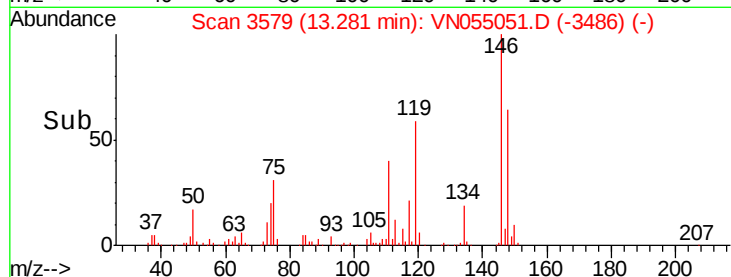
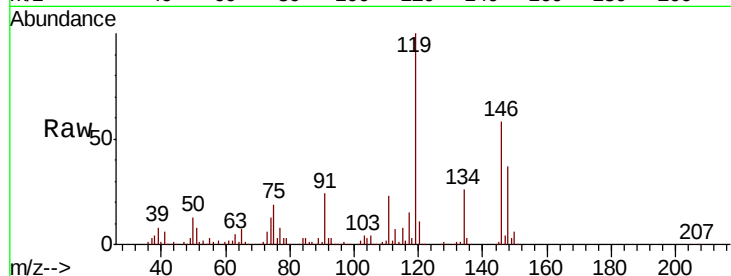
Tot Ion:146 Resp: 149384

Ion Ratio Lower Upper

146 100

111 39.2 19.5 58.5

148 64.2 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 19.721 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

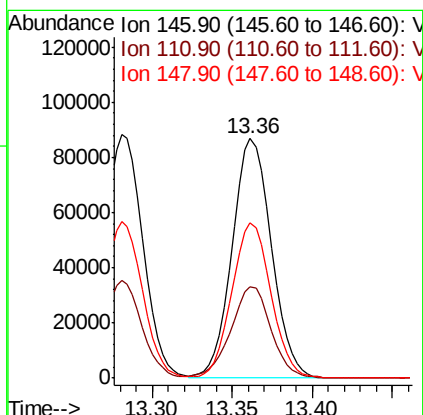
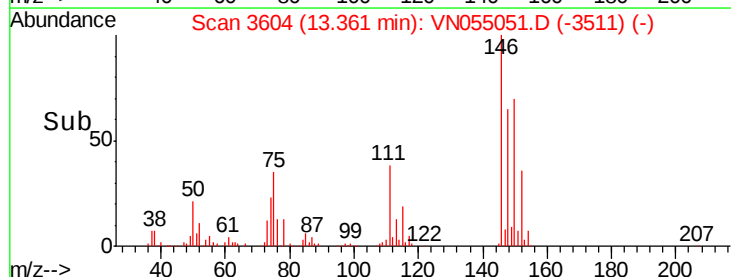
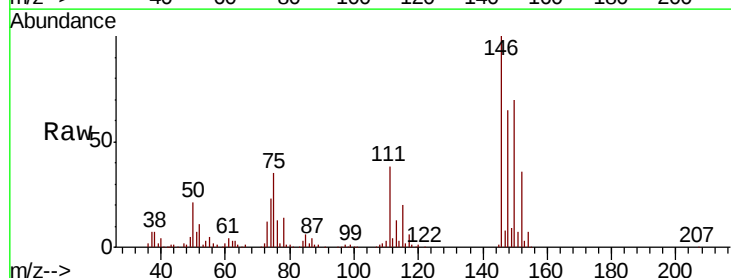
Tgt Ion:146 Resp: 145321

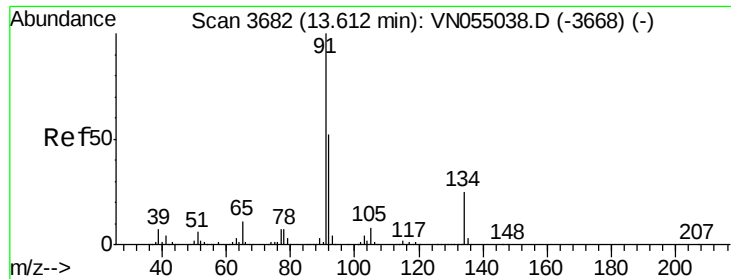
Ion Ratio Lower Upper

146 100

111 39.1 18.8 56.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 19.141 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

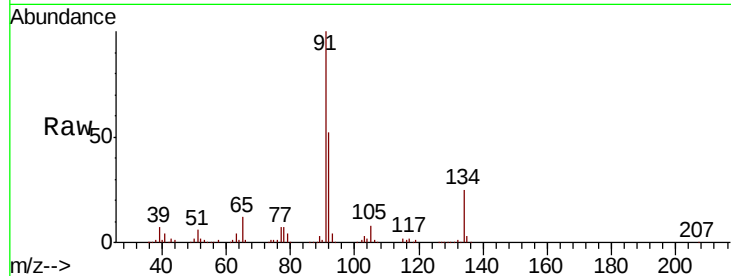
Tot Ion: 91 Resp: 215888

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.7

134 24.9 12.8 38.3

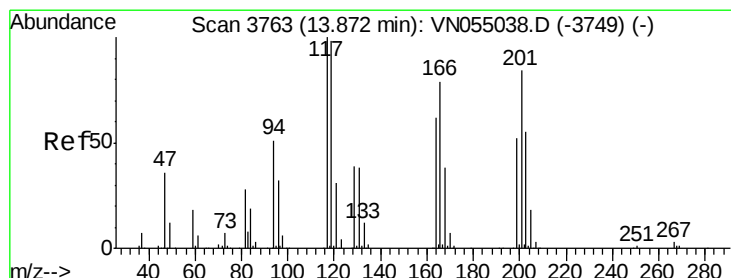
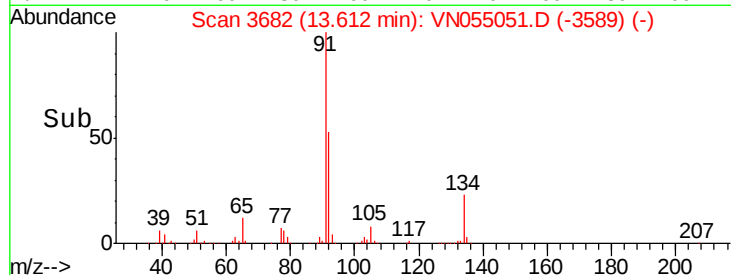


Abundance Ion 91.00 (90.70 to 91.70): VN055038.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055038.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055038.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 18.201 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055051.D

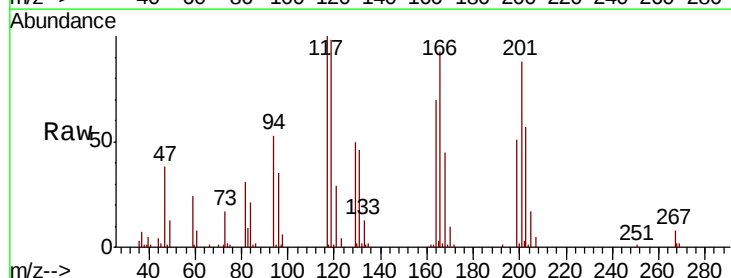
Acq: 15 Apr 2019 19:08

Tgt Ion: 117 Resp: 44996

Ion Ratio Lower Upper

117 100

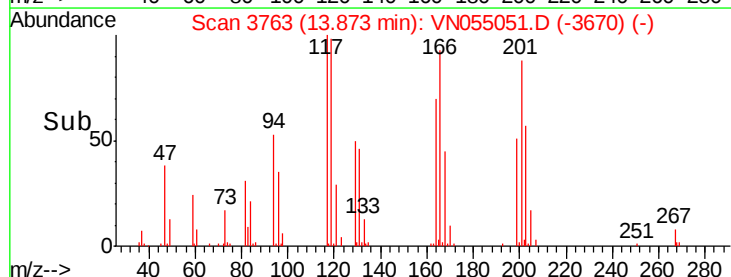
201 86.4 43.4 130.2

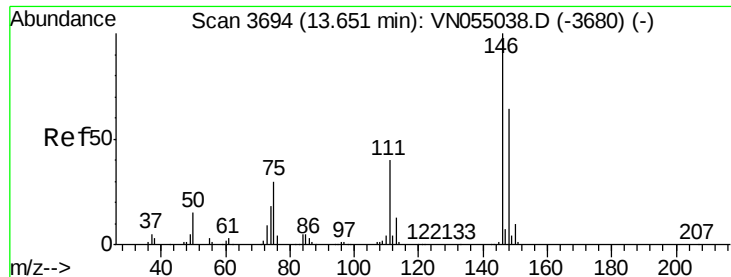


Abundance Ion 116.80 (116.50 to 117.50): VN055038.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055038.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.682 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

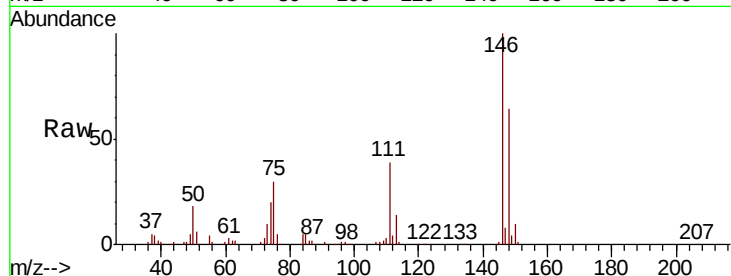
Tot Ion:146 Resp: 153025

Ion Ratio Lower Upper

146 100

111 38.5 20.3 60.9

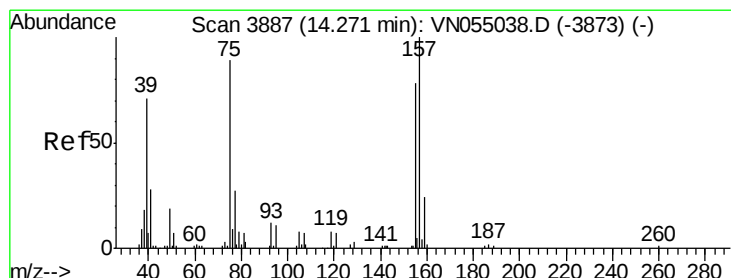
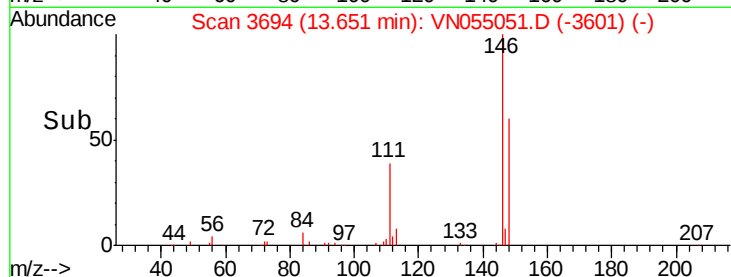
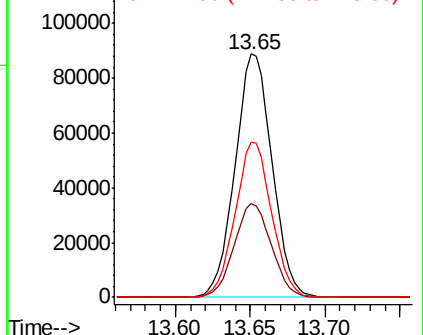
148 62.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.476 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

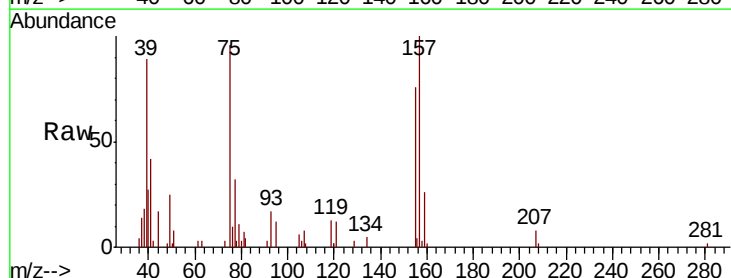
Tgt Ion: 75 Resp: 11743

Ion Ratio Lower Upper

75 100

155 85.5 42.0 126.0

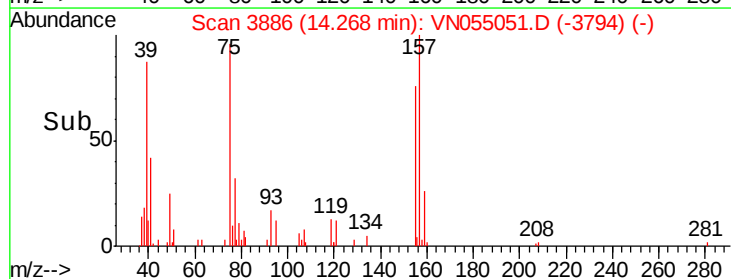
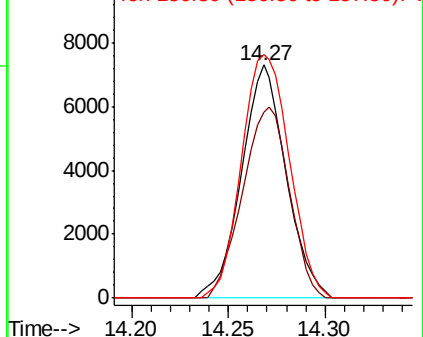
157 112.1 52.1 156.4

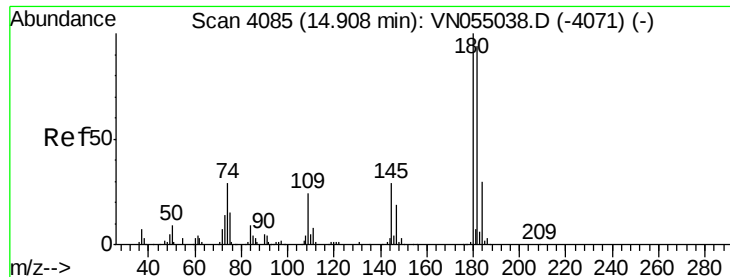


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

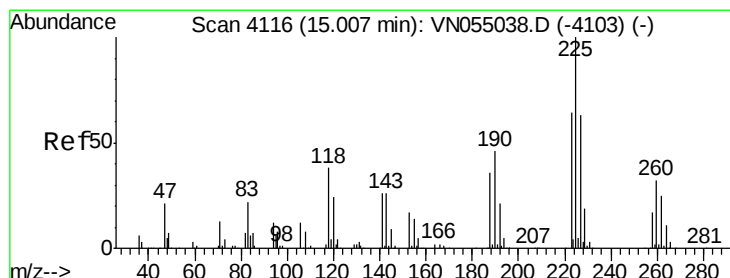
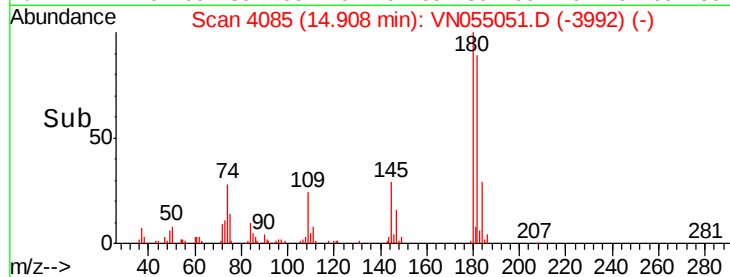
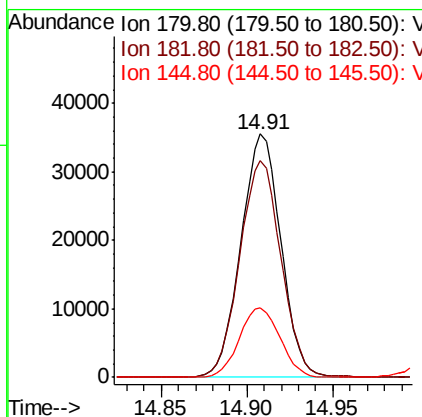
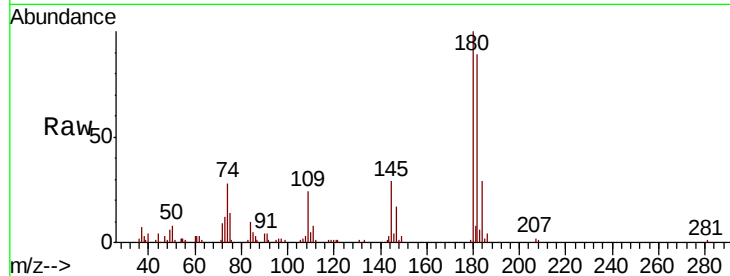




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.023 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

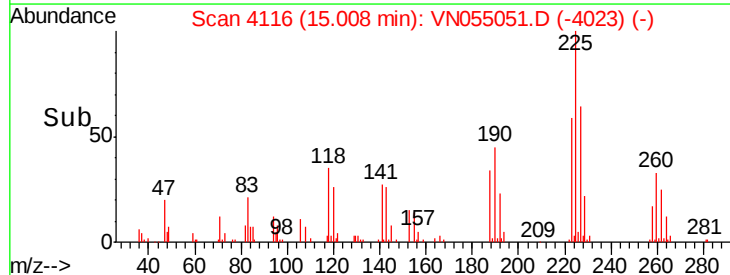
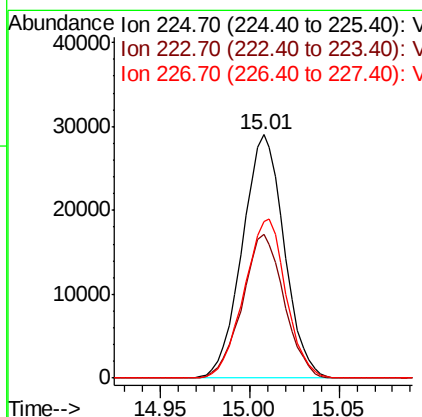
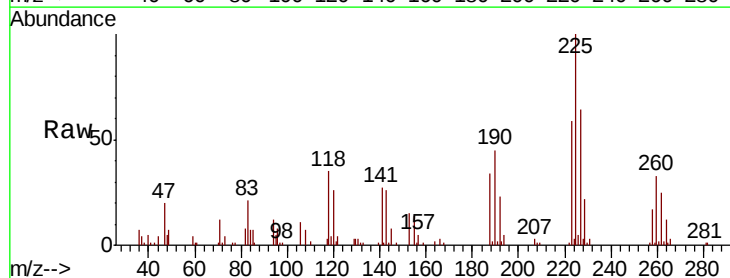
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0415WBS01

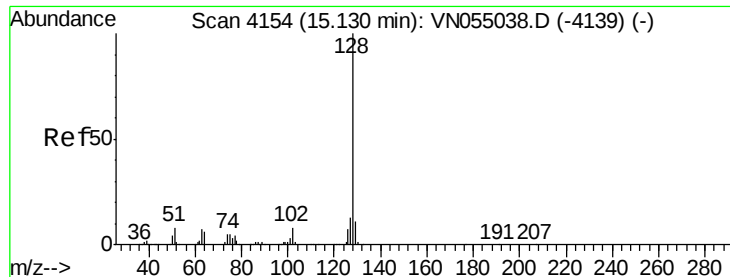
Tot Ion:180 Resp: 57143  
 Ion Ratio Lower Upper  
 180 100  
 182 92.0 47.5 142.6  
 145 29.1 14.2 42.8



#94  
 Hexachlorobutadiene  
 Concen: 19.742 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN055051.D  
 Acq: 15 Apr 2019 19:08

Tgt Ion:225 Resp: 47409  
 Ion Ratio Lower Upper  
 225 100  
 223 58.8 31.4 94.0  
 227 65.3 32.6 97.7





#95

Naphthalene

Concen: 17.268 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

Instrument :

MSVOA\_N

ClientSampleId :

VN0415WBS01

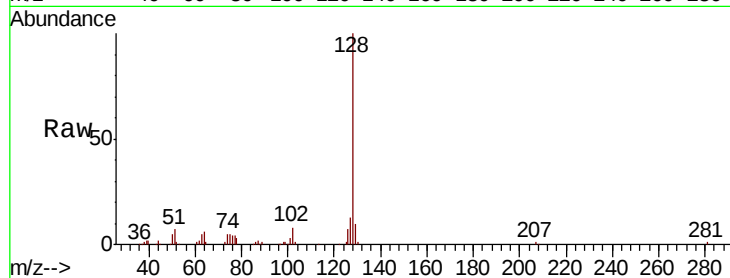
Tot Ion:128 Resp: 124658

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

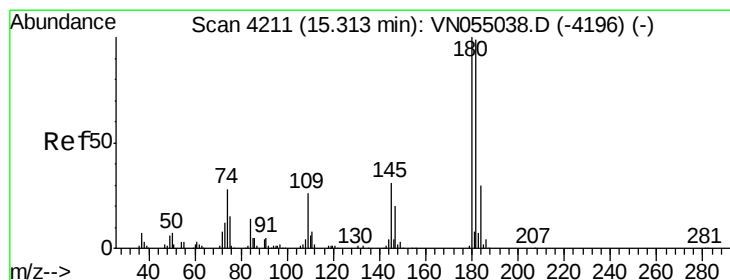
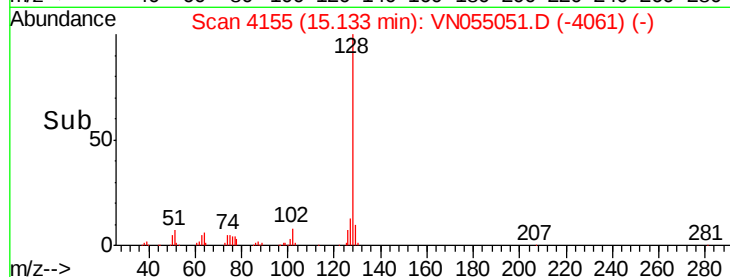
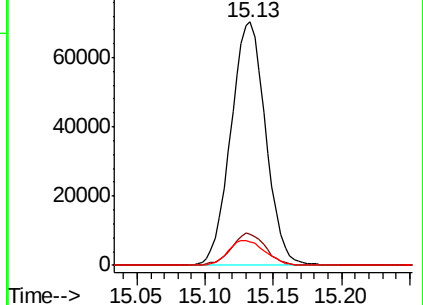
129 10.9 8.8 13.2



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: 19.826 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055051.D

Acq: 15 Apr 2019 19:08

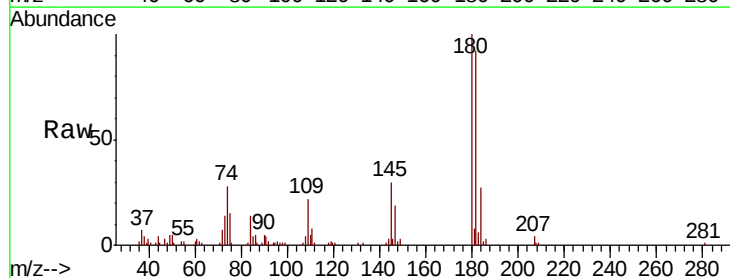
Tgt Ion:180 Resp: 59466

Ion Ratio Lower Upper

180 100

182 93.5 48.0 144.0

145 31.1 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

