

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\  
 Data File : VN056243.D  
 Acq On : 12 Jun 2019 12:25  
 Operator : JC/SP  
 Sample : VSTDCCC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Quant Time: Jun 13 04:28:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Jun 06 04:02:53 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.19  | 128  | 47873    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.58  | 114  | 230074   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 211137   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 8.02   | 65    | 89894    | 30.24    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 100.80% |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 90107    | 28.79    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 95.97%  |
| 63) Toluene-d8            | 10.09  | 98    | 287753   | 30.04    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 100.13% |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 53033  | 19.696  | ug/l 99    |
| 3) Chloromethane              | 2.06 | 50  | 60885  | 19.353  | ug/l 98    |
| 4) Vinyl Chloride             | 2.18 | 62  | 57450  | 17.911  | ug/l 98    |
| 5) Bromomethane               | 2.55 | 94  | 40728  | 20.204  | ug/l 99    |
| 6) Chloroethane               | 2.69 | 64  | 33789  | 18.624  | ug/l 95    |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 73781  | 18.591  | ug/l 95    |
| 8) Diethyl Ether              | 3.40 | 74  | 31087  | 18.470  | ug/l 100   |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 46841  | 19.121  | ug/l 99    |
| 10) 1,1-Dichloroethene        | 3.72 | 96  | 44719  | 17.895  | ug/l 93    |
| 11) Methyl Iodide             | 3.94 | 142 | 69515  | 17.631  | ug/l 100   |
| 12) Methyl Acetate            | 4.33 | 43  | 57512  | 19.152  | ug/l 99    |
| 13) Acrolein                  | 3.60 | 56  | 15061  | 102.900 | ug/l 95    |
| 14) Acrylonitrile             | 4.99 | 53  | 132930 | 99.264  | ug/l 98    |
| 15) Acetone                   | 3.82 | 58  | 39294  | 89.614  | ug/l 96    |
| 16) Carbon Disulfide          | 4.04 | 76  | 107723 | 18.117  | ug/l 100   |
| 17) Allyl chloride            | 4.31 | 41  | 70481  | 18.203  | ug/l 99    |
| 18) Methylene Chloride        | 4.55 | 84  | 57386  | 19.836  | ug/l 96    |
| 19) trans-1,2-Dichloroethene  | 5.04 | 96  | 49029  | 18.380  | ug/l 97    |
| 20) Diisopropyl ether         | 5.95 | 45  | 155464 | 19.380  | ug/l 99    |
| 21) 1,1-Dichloroethane        | 5.84 | 63  | 88948  | 19.079  | ug/l 100   |
| 22) cis-1,2-Dichloroethene    | 6.83 | 96  | 59234  | 19.026  | ug/l 99    |
| 23) tert-Butyl Alcohol        | 4.81 | 59  | 39820  | 76.393  | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 5.05 | 73  | 151982 | 19.084  | ug/l 99    |
| 25) Chloroform                | 7.37 | 83  | 91865  | 19.734  | ug/l 99    |
| 26) Cyclohexane               | 7.65 | 56  | 76214  | 17.621  | ug/l # 100 |
| 29) 1,1-Dichloropropene       | 7.79 | 75  | 63508  | 20.407  | ug/l 99    |
| 30) 2-Butanone                | 6.84 | 43  | 173756 | 106.053 | ug/l 100   |
| 31) 2,2-Dichloropropane       | 6.82 | 77  | 53733  | 18.560  | ug/l 99    |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 71968  | 20.930  | ug/l 100   |
| 33) Carbon Tetrachloride      | 7.77 | 117 | 61880  | 21.242  | ug/l 99    |
| 34) Benzene                   | 8.04 | 78  | 206724 | 20.848  | ug/l 99    |
| 35) Methacrylonitrile         | 7.18 | 41  | 30815  | 22.273  | ug/l 98    |
| 36) 1,2-Dichloroethane        | 8.12 | 62  | 71182  | 22.918  | ug/l 98    |
| 37) Trichloroethene           | 8.83 | 130 | 58666  | 21.143  | ug/l 100   |
| 38) Methylcyclohexane         | 9.08 | 83  | 78118  | 19.800  | ug/l 99    |
| 39) 1,2-Dichloropropane       | 9.12 | 63  | 55237  | 21.750  | ug/l 98    |
| 40) Dibromomethane            | 9.21 | 93  | 37997  | 22.565  | ug/l 97    |

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 ALS Vial : 10 Sample Multiplier: 1

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 ClientSampleID :  
 VSTDCCC020EC

Quant Time: Jun 13 04:28:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Jun 06 04:02:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 9.40  | 83   | 68856    | 22.836  | ug/l   | 99       |
| 42) Vinyl Acetate              | 5.90  | 43   | 634896   | 108.695 | ug/l   | 99       |
| 43) Ethyl Acetate              | 6.93  | 43   | 65476    | 20.881  | ug/l   | 98       |
| 44) Isopropyl Acetate          | 8.17  | 43   | 100684   | 20.681  | ug/l   | 100      |
| 45) 1,4-Dioxane                | 9.20  | 88   | 22017    | 422.750 | ug/l   | 94       |
| 46) Methyl methacrylate        | 9.20  | 41   | 48863    | 20.203  | ug/l   | 99       |
| 47) n-amyl Acetate             | 12.07 | 43   | 79158    | 19.661  | ug/l   | 95       |
| 48) t-1,3-Dichloropropene      | 10.38 | 75   | 63343    | 19.962  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene    | 9.84  | 75   | 76268    | 20.526  | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane      | 10.56 | 97   | 55559    | 22.214  | ug/l   | 98       |
| 51) Ethyl methacrylate         | 10.43 | 69   | 76650    | 20.257  | ug/l   | 97       |
| 52) 1,3-Dichloropropane        | 10.71 | 76   | 89972    | 22.190  | ug/l   | 99       |
| 53) Dibromochloromethane       | 10.90 | 129  | 56730    | 23.171  | ug/l   | 99       |
| 54) 1,2-Dibromoethane          | 11.00 | 107  | 57004    | 21.842  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether  | 9.70  | 63   | 123092   | 92.875  | ug/l   | 99       |
| 56) Bromoform                  | 12.13 | 173  | 40743    | 23.003  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone       | 9.99  | 43   | 339202   | 106.095 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 236667   | 103.568 | ug/l   | 99       |
| 61) Tetrachloroethene          | 10.63 | 164  | 62035    | 21.081  | ug/l   | 98       |
| 62) Toluene                    | 10.16 | 91   | 227126   | 19.927  | ug/l   | 99       |
| 64) Chlorobenzene              | 11.43 | 112  | 141176   | 20.420  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 53070    | 21.288  | ug/l   | 99       |
| 66) Ethyl Benzene              | 11.51 | 91   | 235968   | 19.437  | ug/l   | 100      |
| 67) m/p-Xylenes                | 11.62 | 106  | 183211   | 39.428  | ug/l   | 99       |
| 68) o-Xylene                   | 11.95 | 106  | 91385    | 20.088  | ug/l   | 100      |
| 69) Styrene                    | 11.96 | 104  | 143605   | 19.430  | ug/l   | 99       |
| 70) Isopropylbenzene           | 12.25 | 105  | 237219   | 19.958  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 77717    | 21.688  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane     | 12.55 | 75   | 83538    | 26.929  | ug/l   | 69       |
| 73) Bromobenzene               | 12.53 | 156  | 65098    | 20.634  | ug/l   | 97       |
| 74) n-propylbenzene            | 12.59 | 91   | 242050   | 19.298  | ug/l   | 100      |
| 75) 2-Chlorotoluene            | 12.67 | 91   | 155747   | 20.019  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 194002   | 19.843  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene    | 12.30 | 75   | 14280    | 16.133  | ug/l   | 89       |
| 78) 4-Chlorotoluene            | 12.77 | 91   | 140730   | 19.369  | ug/l   | 99       |
| 79) tert-butylbenzene          | 12.99 | 119  | 172241   | 19.885  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 185657   | 19.521  | ug/l   | 99       |
| 81) sec-Butylbenzene           | 13.17 | 105  | 216809   | 19.786  | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 13.29 | 119  | 192588   | 19.440  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 13.28 | 146  | 93014    | 18.919  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 13.36 | 146  | 86155    | 18.396  | ug/l   | 99       |
| 85) n-Butylbenzene             | 13.61 | 91   | 124479   | 16.835  | ug/l   | 98       |
| 86) Hexachloroethane           | 13.87 | 117  | 32139    | 20.809  | ug/l   | 96       |
| 87) 1,2-Dichlorobenzene        | 13.65 | 146  | 97653    | 19.540  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 10655    | 18.942  | ug/l   | 95       |
| 89) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 34238    | 18.322  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 15.01 | 225  | 40427    | 22.159  | ug/l   | 99       |
| 91) Naphthalene                | 15.13 | 128  | 87092    | 13.122  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 42017    | 16.062  | ug/l   | 99       |

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Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Quant Time: Jun 13 04:28:40 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu Jun 06 04:02:53 2019  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

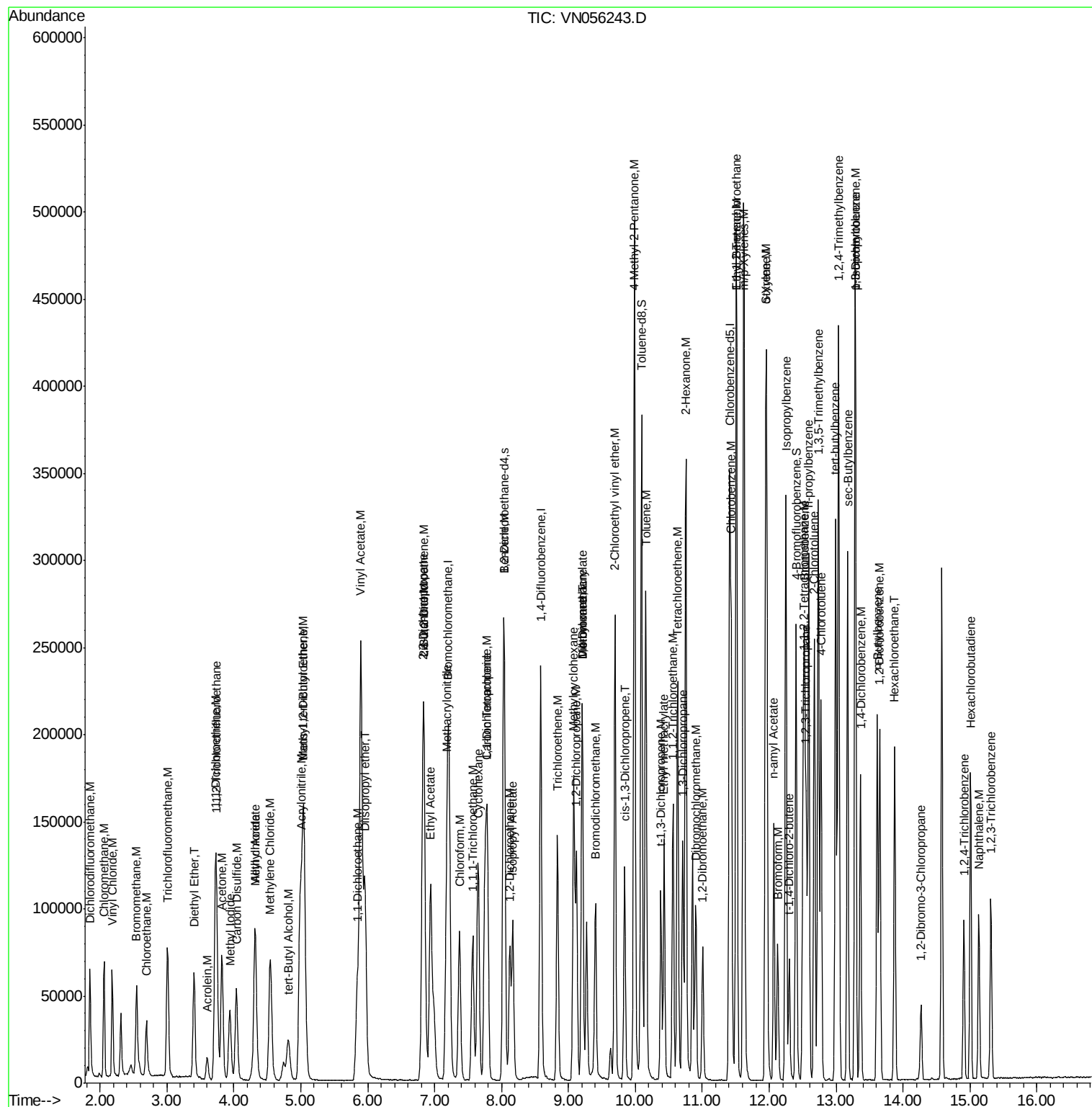
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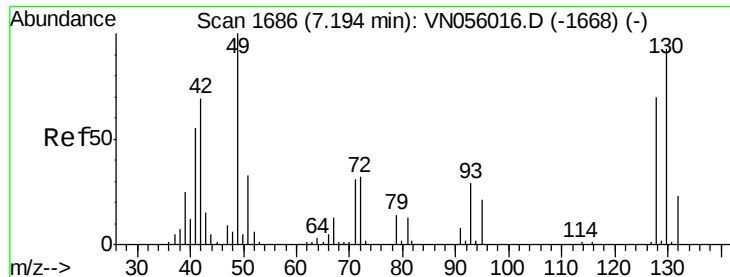
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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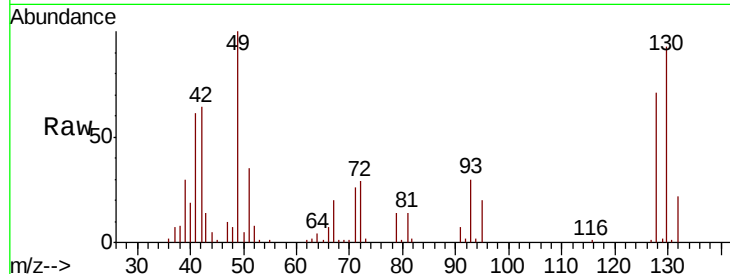




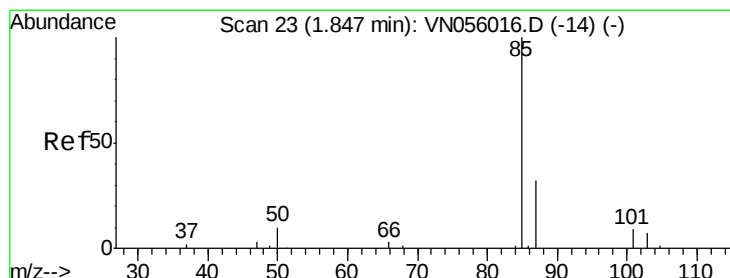
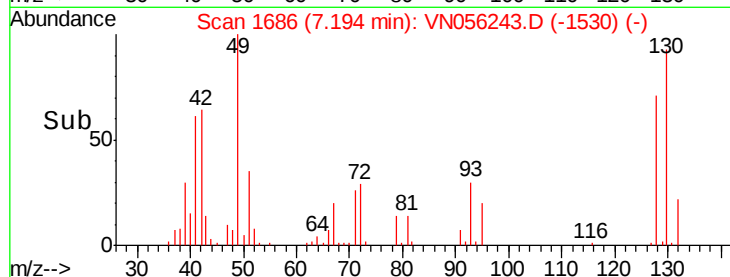
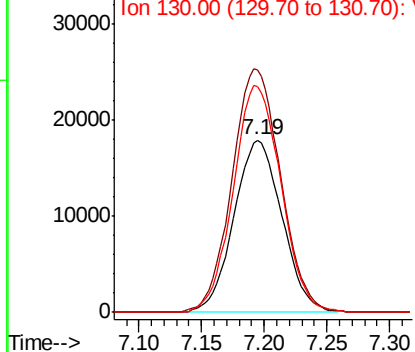
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.19 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion:128 Resp: 47873  
Ion Ratio Lower Upper  
128 100  
49 142.9 0.0 355.8  
130 130.7 0.0 326.3

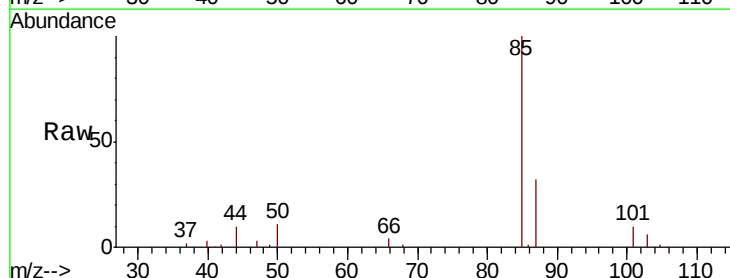


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 49.00 (48.70 to 49.70): VN  
Ion 130.00 (129.70 to 130.70): V

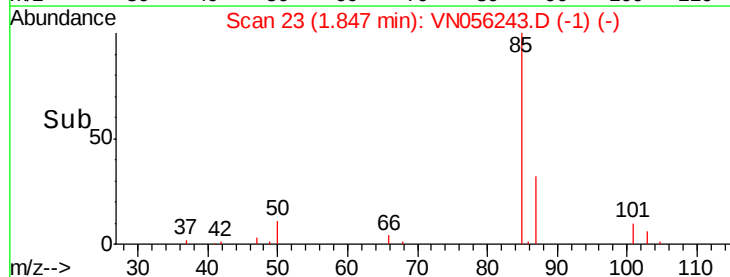
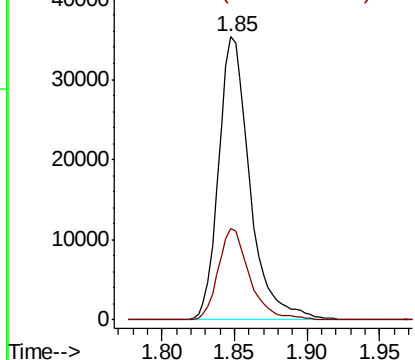


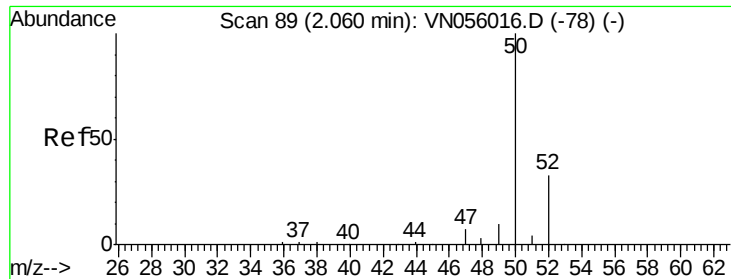
#2  
Dichlorodifluoromethane  
Concen: 19.696 ug/l  
RT: 1.85 min Scan# 23  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 85 Resp: 53033  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN  
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.353 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

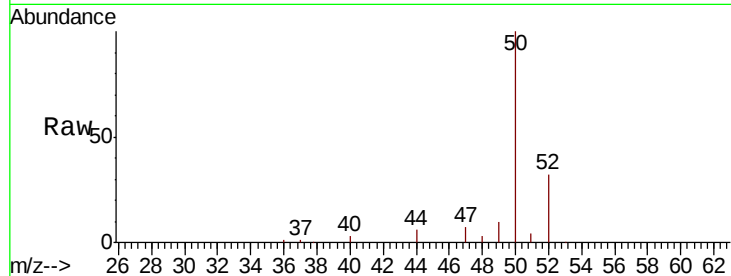
VSTDCCC020EC

Tot Ion: 50 Resp: 60885

Ion Ratio Lower Upper

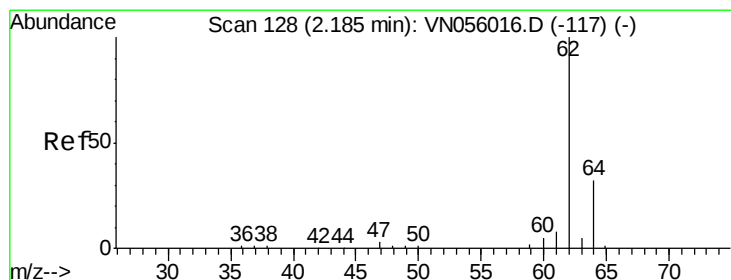
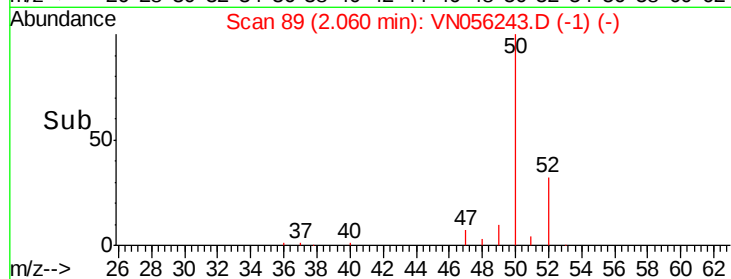
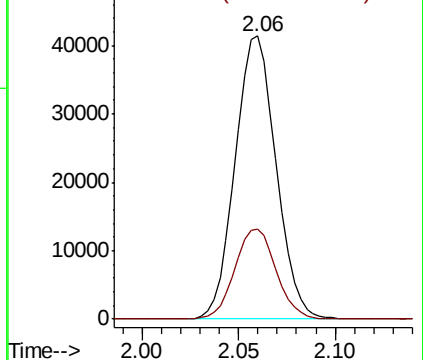
50 100

52 32.1 26.7 40.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 17.911 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056243.D

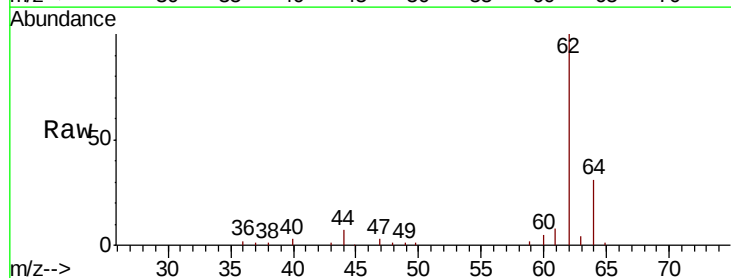
Acq: 12 Jun 2019 12:25

Tgt Ion: 62 Resp: 57450

Ion Ratio Lower Upper

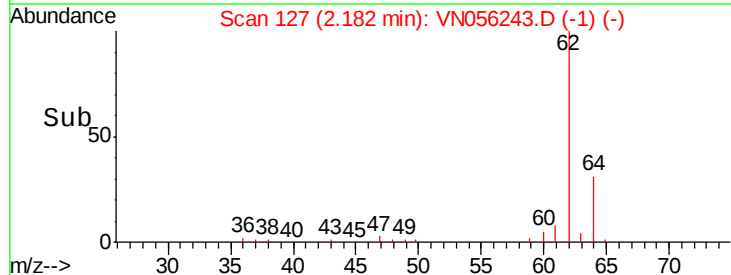
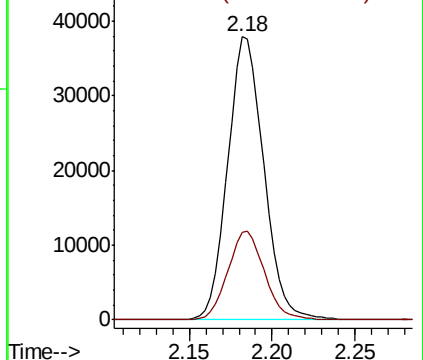
62 100

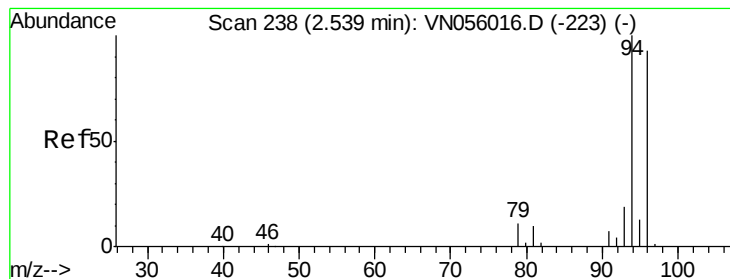
64 31.0 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.204 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

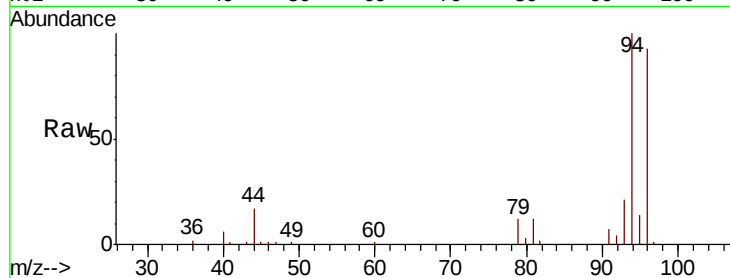
VSTDCCC020EC

Tot Ion: 94 Resp: 40728

Ion Ratio Lower Upper

94 100

96 93.3 74.1 111.1



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.55

20000

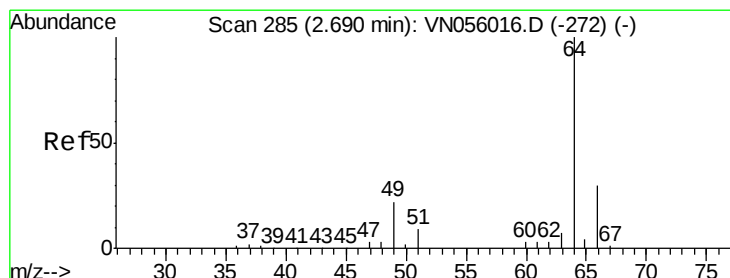
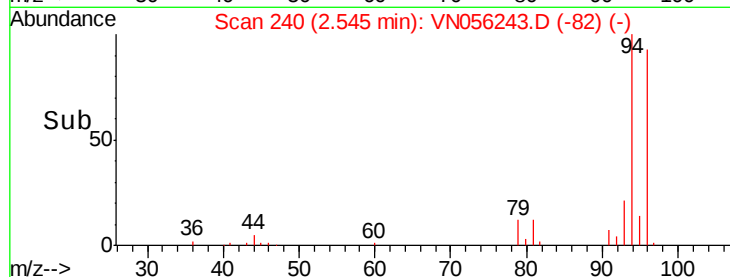
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.624 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.00 min

Lab File: VN056243.D

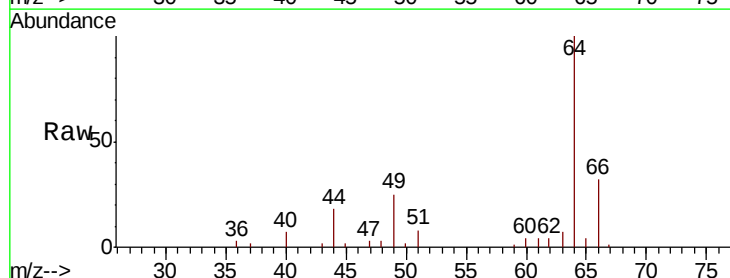
Acq: 12 Jun 2019 12:25

Tgt Ion: 64 Resp: 33789

Ion Ratio Lower Upper

64 100

66 32.2 23.7 35.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.69

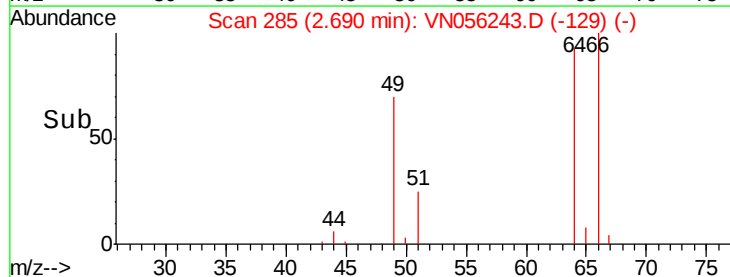
15000

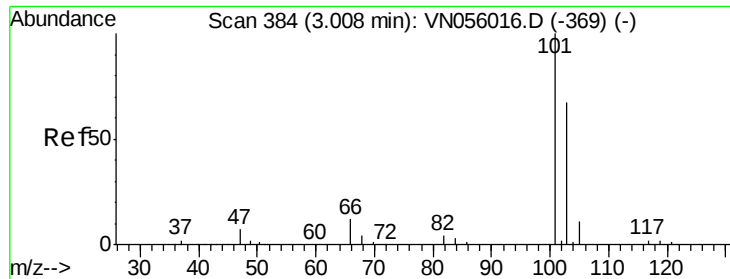
10000

5000

0

Time--> 2.60 2.65 2.70 2.75 2.80



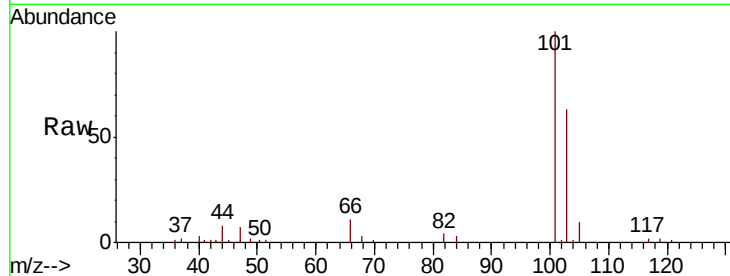


#7

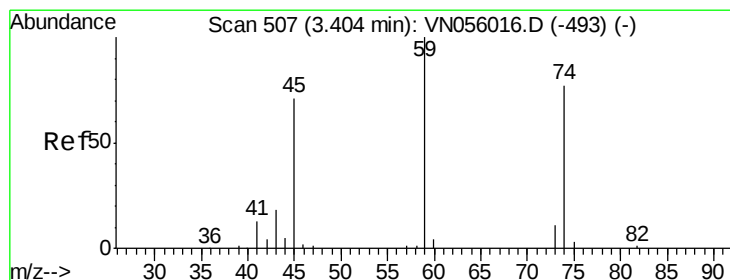
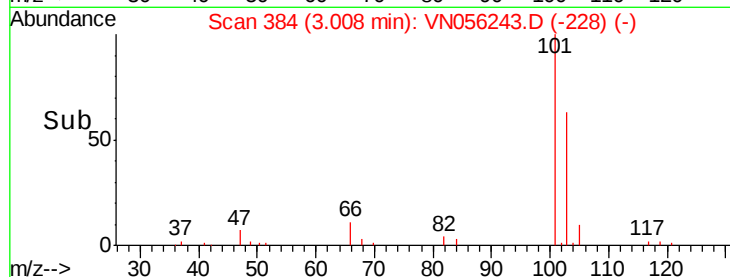
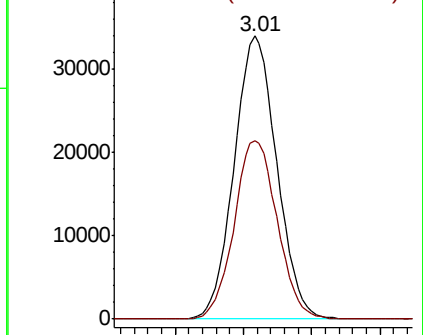
Trichlorofluoromethane  
 Concen: 18.591 ug/l  
 RT: 3.01 min Scan# 384  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Tot Ion:101 Resp: 73781  
 Ion Ratio Lower Upper  
 101 100  
 103 63.1 53.4 80.0



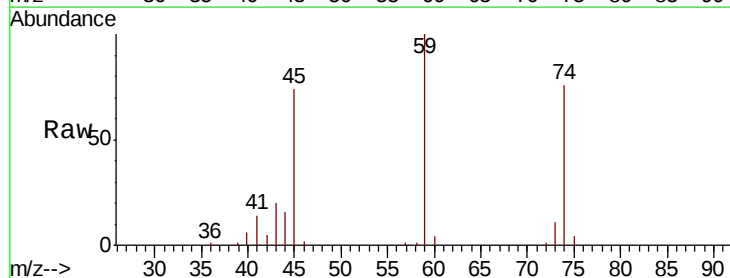
Abundance Ion 101.00 (100.70 to 101.70): V  
 Ion 103.00 (102.70 to 103.70): V



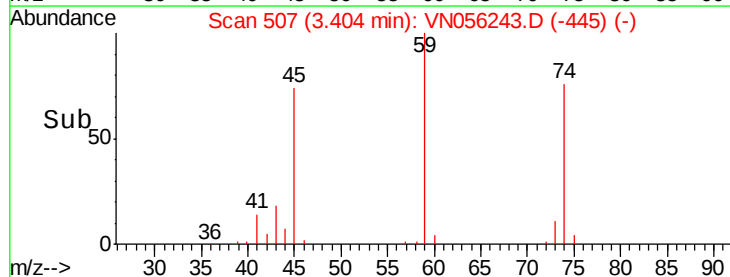
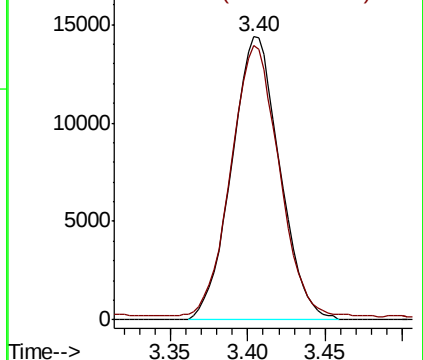
#8

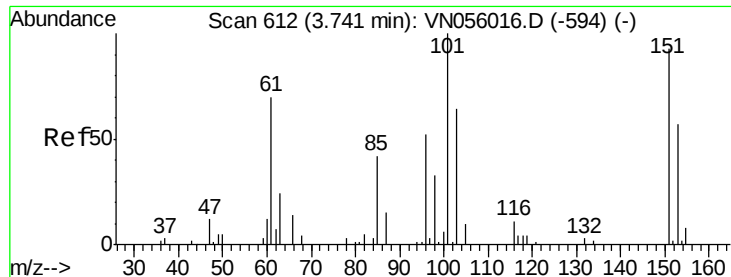
Diethyl Ether  
 Concen: 18.470 ug/l  
 RT: 3.40 min Scan# 507  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion: 74 Resp: 31087  
 Ion Ratio Lower Upper  
 74 100  
 45 94.2 18.8 169.6



Abundance Ion 74.00 (73.70 to 74.70): VNO  
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.121 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

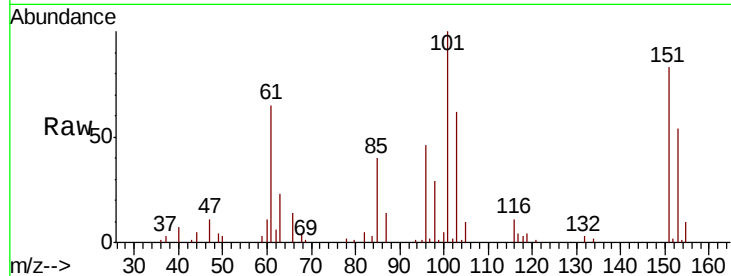
Tot Ion:101 Resp: 46841

Ion Ratio Lower Upper

101 100

85 42.5 0.0 82.0

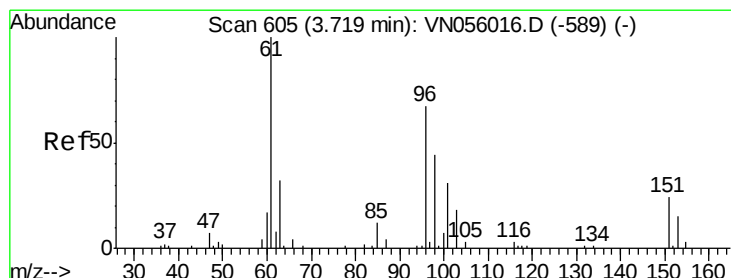
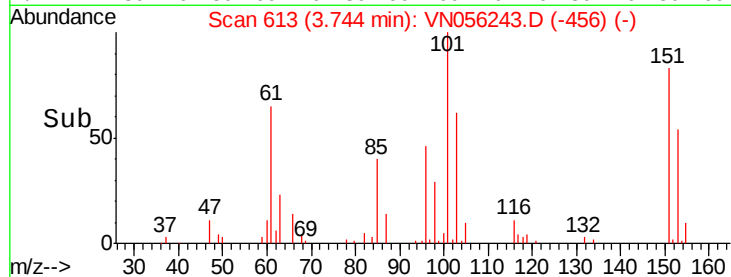
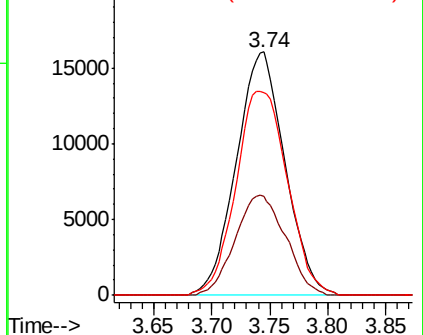
151 88.7 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.895 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

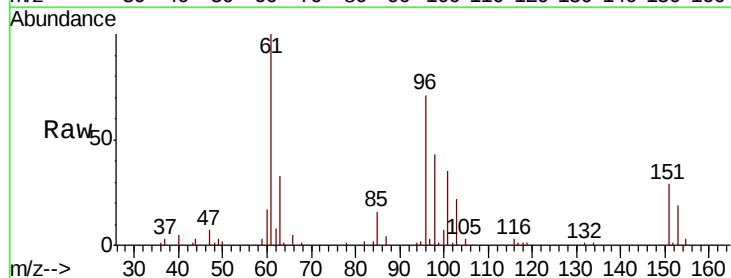
Tgt Ion: 96 Resp: 44719

Ion Ratio Lower Upper

96 100

61 140.5 119.7 179.5

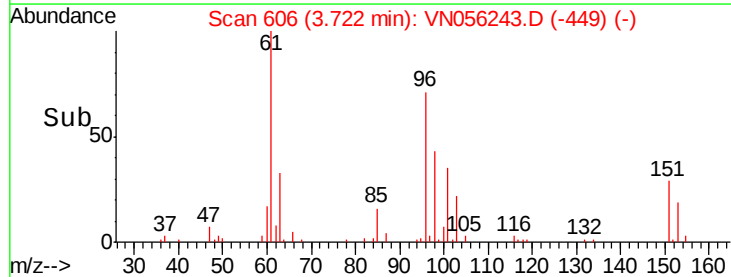
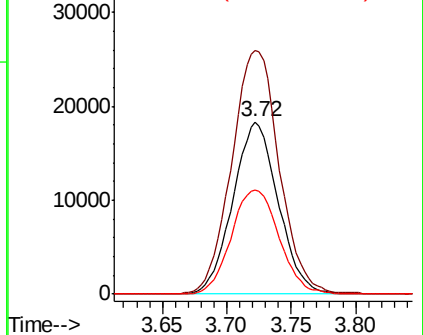
98 60.7 52.3 78.5

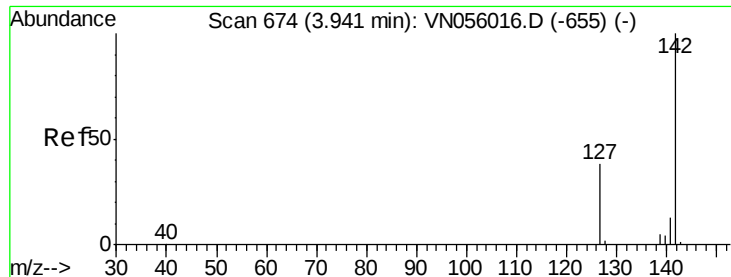


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

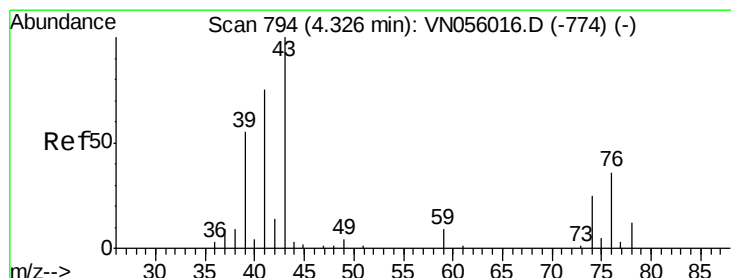
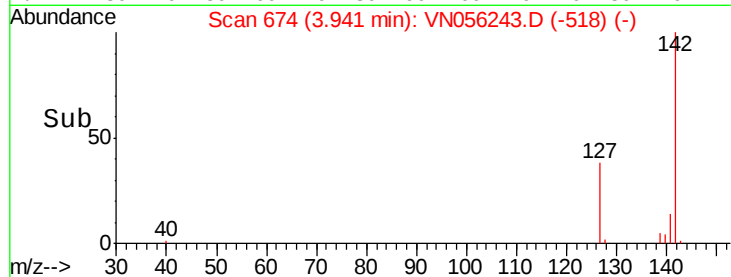
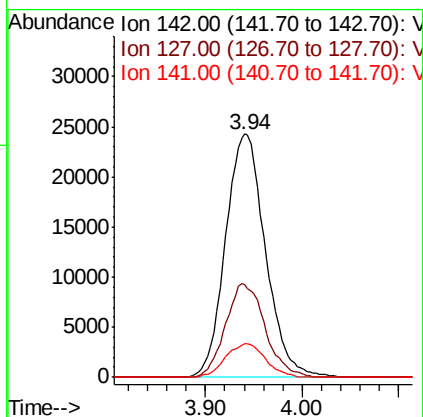
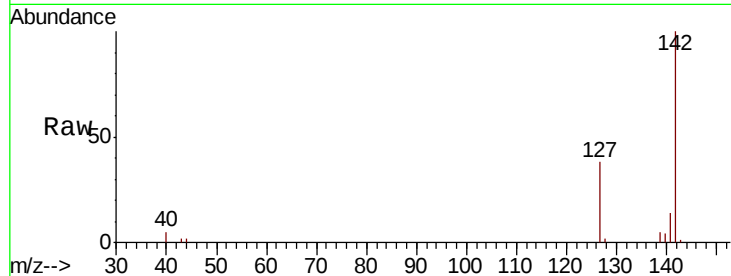




#11  
Methvl Iodide  
Concen: 17.631 ug/l  
RT: 3.94 min Scan# 674  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

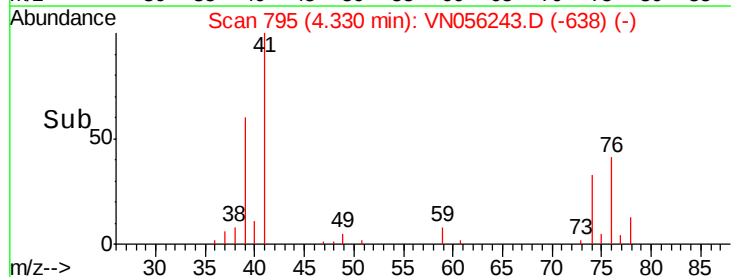
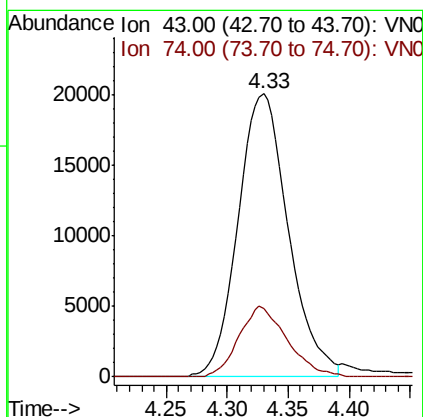
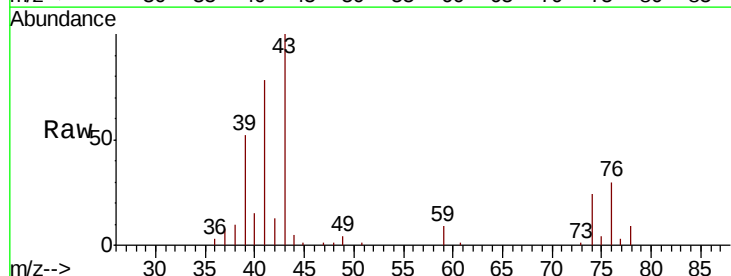
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

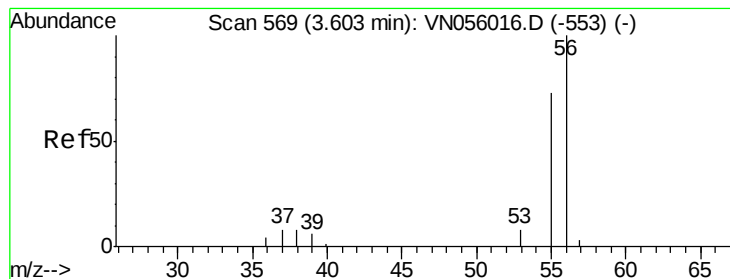
Tot Ion:142 Resp: 69515  
Ion Ratio Lower Upper  
142 100  
127 38.0 19.0 57.0  
141 13.7 6.7 20.0



#12  
Methyl Acetate  
Concen: 19.152 ug/l  
RT: 4.33 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 43 Resp: 57512  
Ion Ratio Lower Upper  
43 100  
74 24.3 19.9 29.9





#13

Acrolein

Concen: 102.900 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

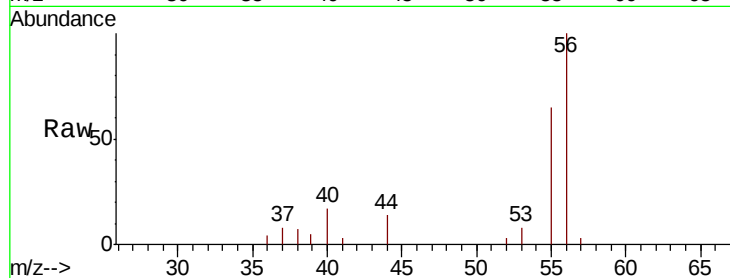
VSTDCCC020EC

Tot Ion: 56 Resp: 15061

Ion Ratio Lower Upper

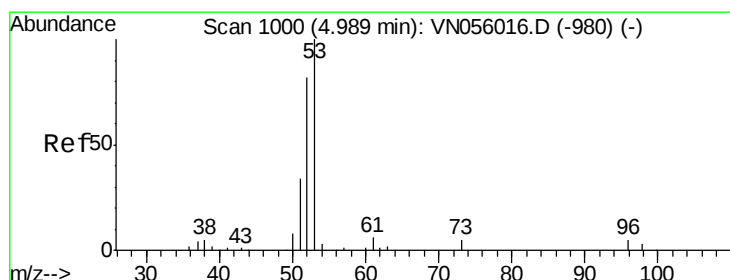
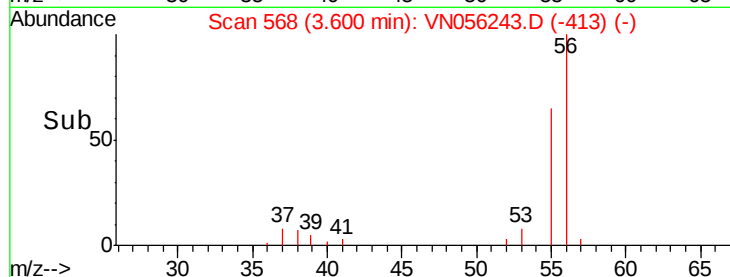
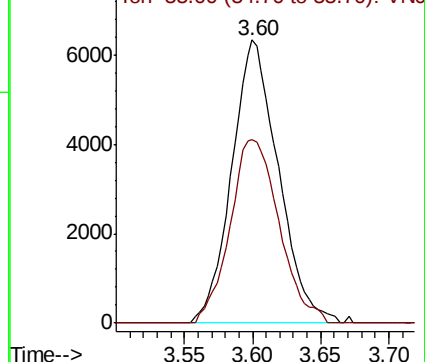
56 100

55 68.2 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 99.264 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

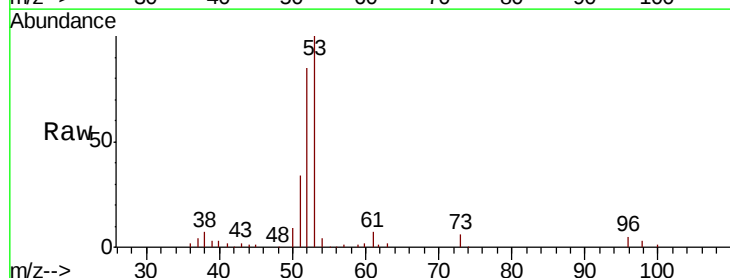
Tgt Ion: 53 Resp: 132930

Ion Ratio Lower Upper

53 100

52 83.8 40.8 122.2

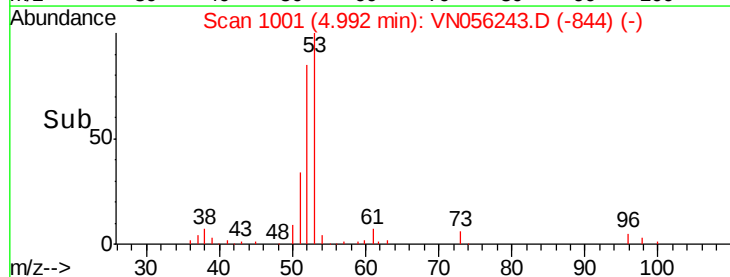
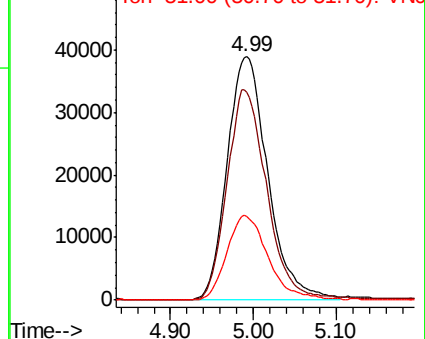
51 35.1 17.3 52.0

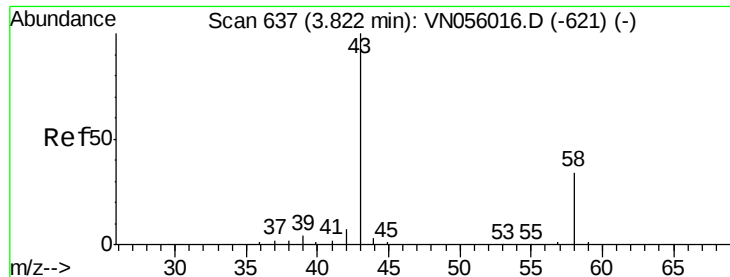


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 89.614 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

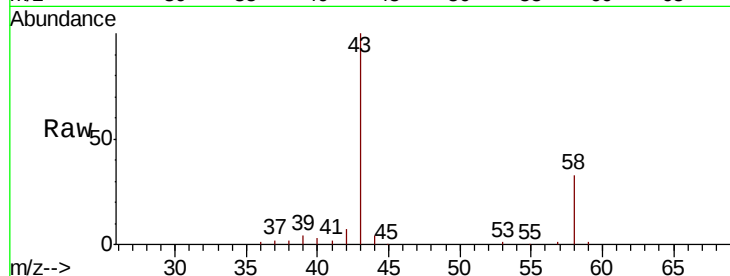
VSTDCCC020EC

Tot Ion: 58 Resp: 39294

Ion Ratio Lower Upper

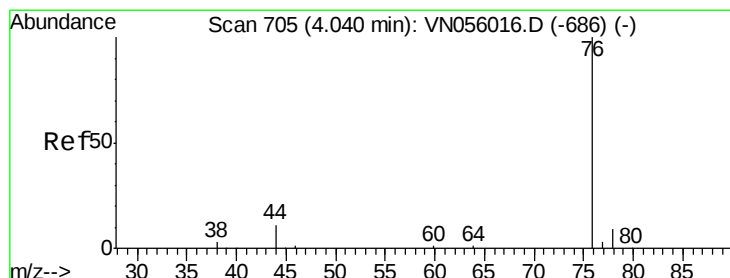
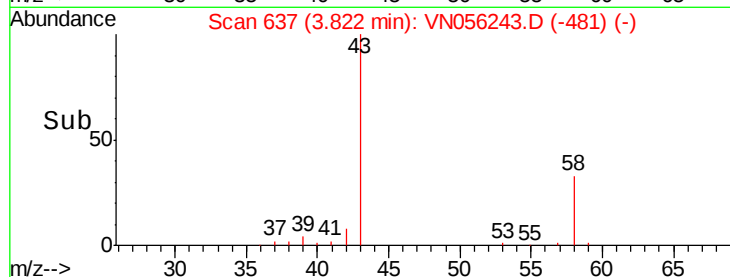
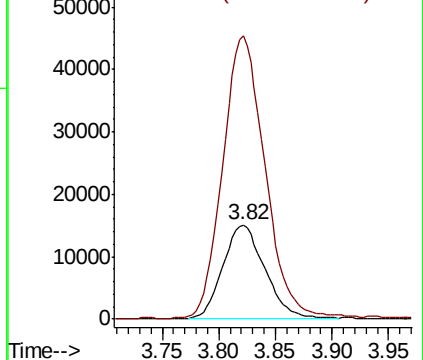
58 100

43 298.3 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 18.117 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN056243.D

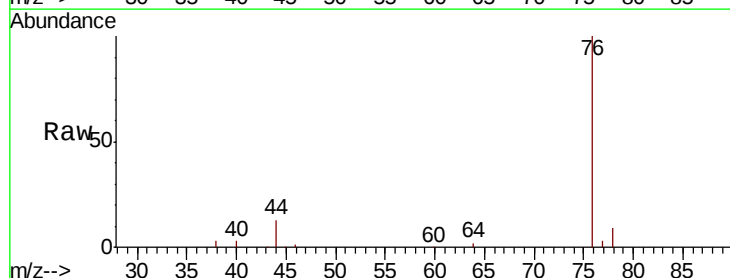
Acq: 12 Jun 2019 12:25

Tgt Ion: 76 Resp: 107723

Ion Ratio Lower Upper

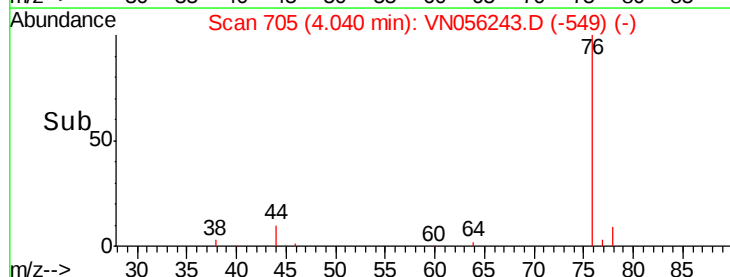
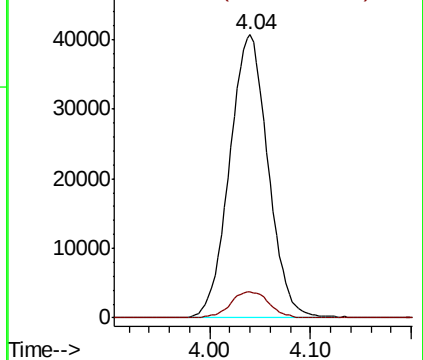
76 100

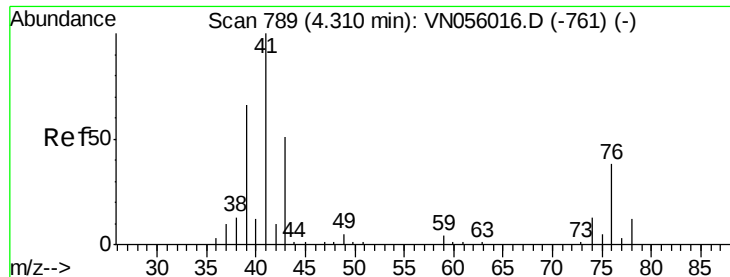
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

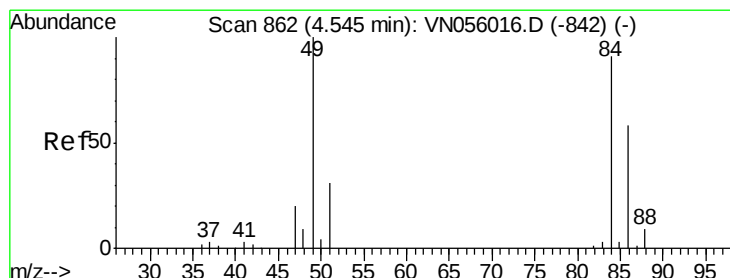
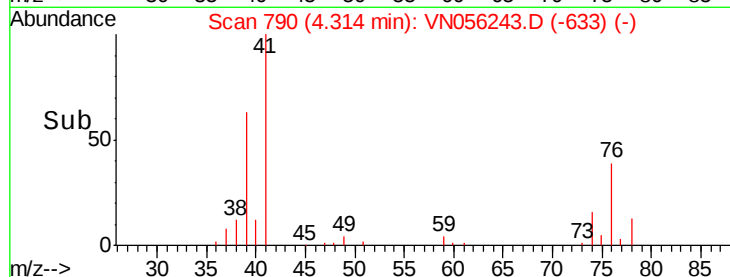
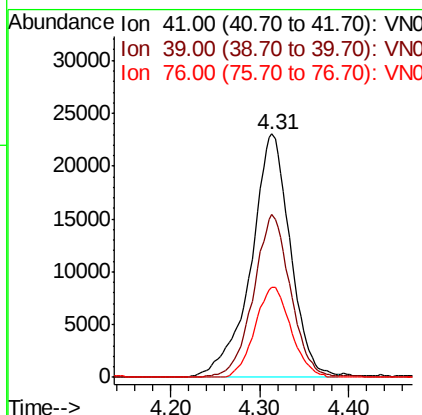
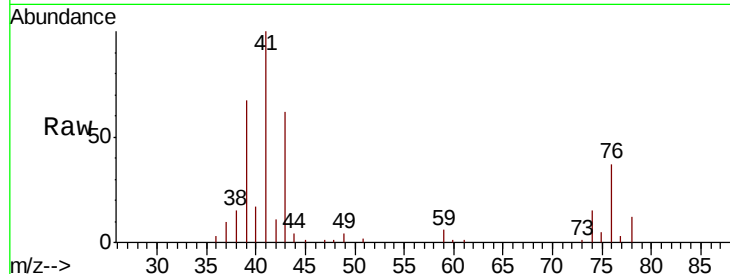




#17  
Allvl chloride  
Concen: 18.203 ug/l  
RT: 4.31 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

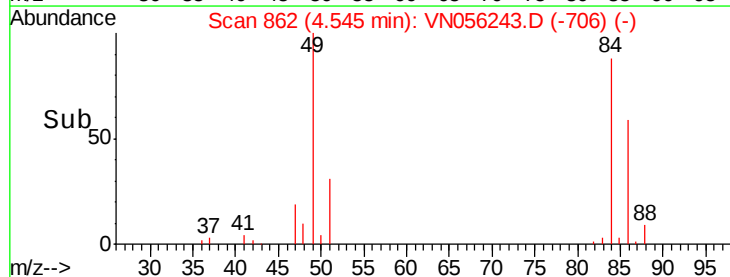
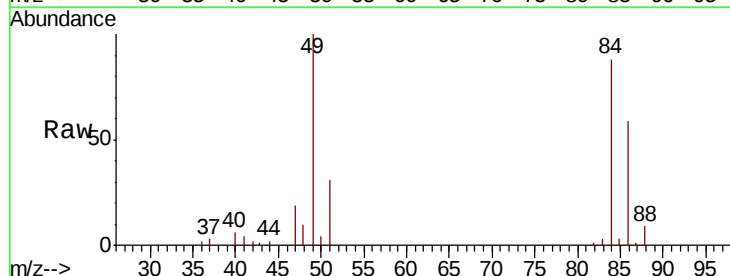
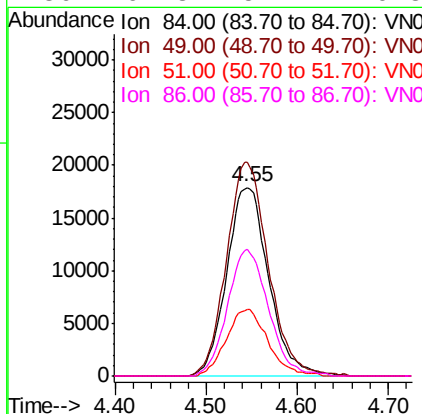
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

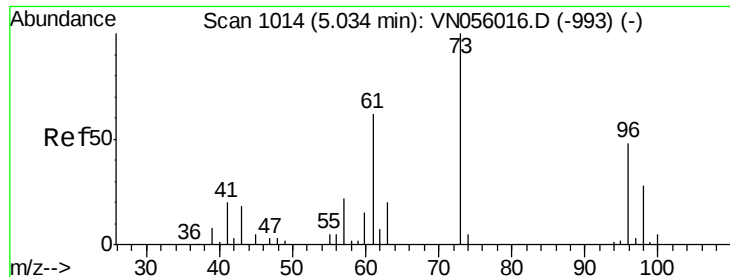
Tot Ion: 41 Resp: 70481  
Ion Ratio Lower Upper  
41 100  
39 66.8 33.0 99.0  
76 37.0 18.9 56.9



#18  
Methylene Chloride  
Concen: 19.836 ug/l  
RT: 4.55 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 84 Resp: 57386  
Ion Ratio Lower Upper  
84 100  
49 113.3 87.6 131.4  
51 35.5 27.0 40.4  
86 67.3 51.2 76.8

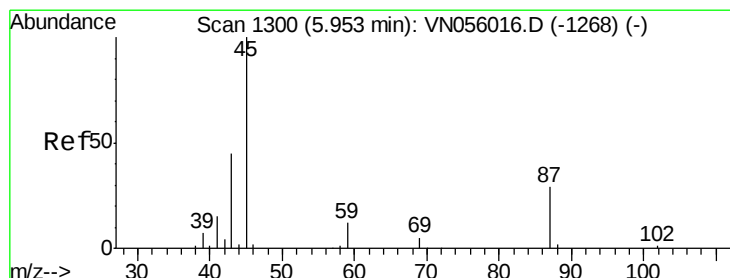
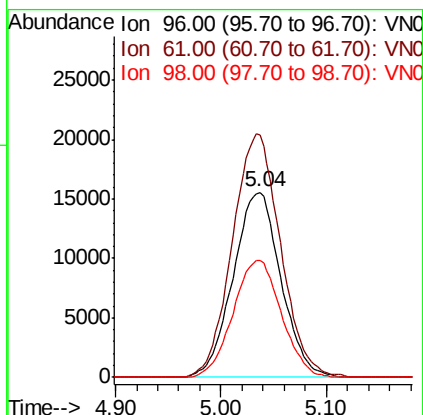
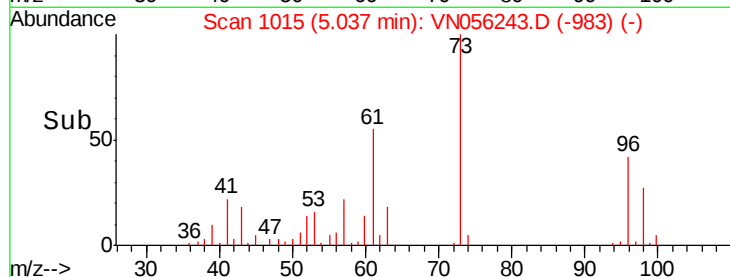
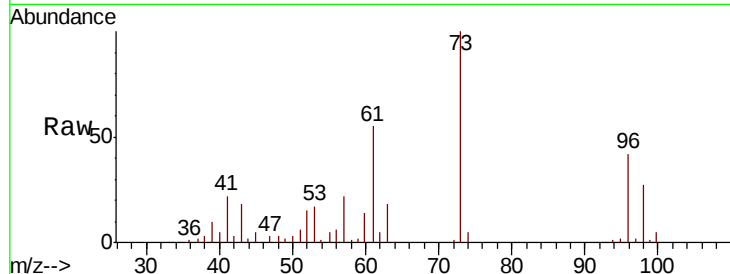




#19  
trans-1,2-Dichloroethene  
Concen: 18.380 ug/l  
RT: 5.04 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

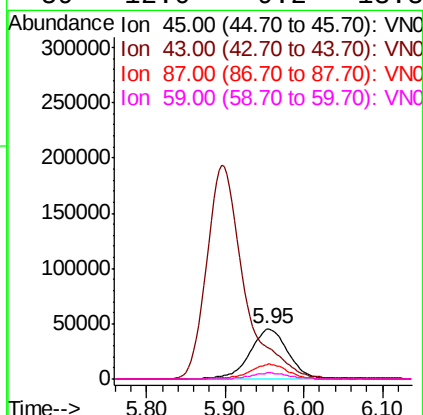
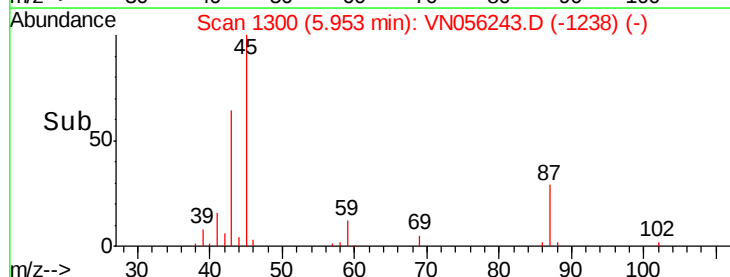
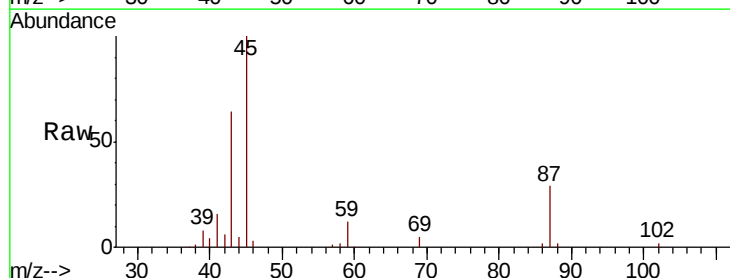
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

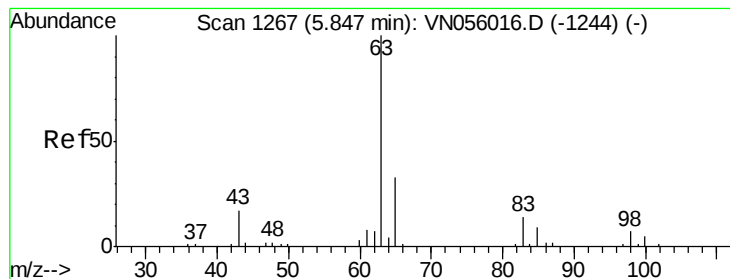
Tot Ion: 96 Resp: 49029  
Ion Ratio Lower Upper  
96 100  
61 129.7 102.5 153.7  
98 63.2 46.9 70.3



#20  
Diisopropyl ether  
Concen: 19.380 ug/l  
RT: 5.95 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 45 Resp: 155464  
Ion Ratio Lower Upper  
45 100  
43 61.4 48.0 72.0  
87 28.9 23.4 35.2  
59 12.0 9.2 13.8





#21

1,1-Dichloroethane

Concen: 19.079 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

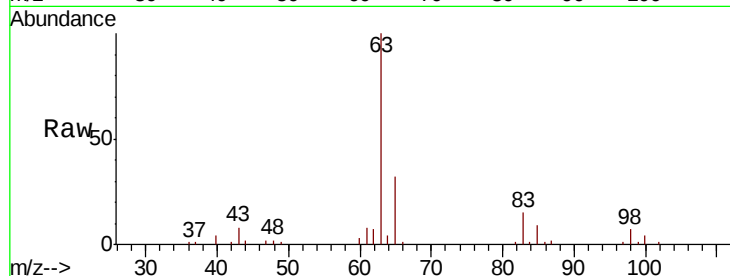
Tot Ion: 63 Resp: 88948

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

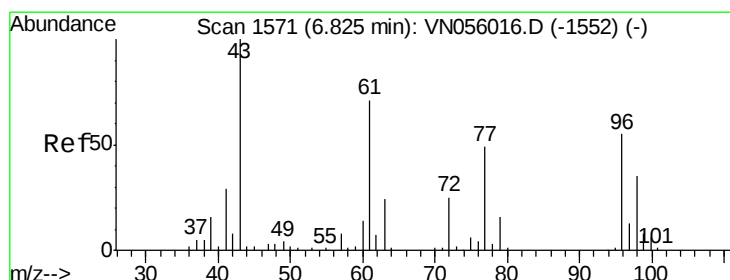
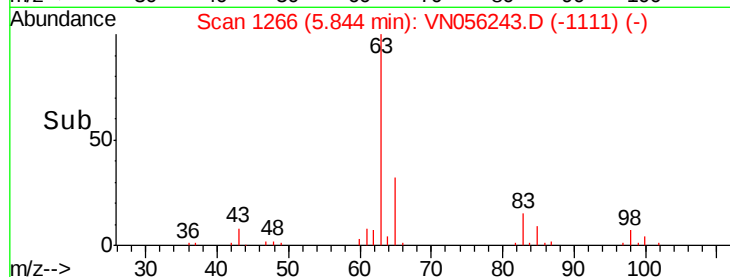
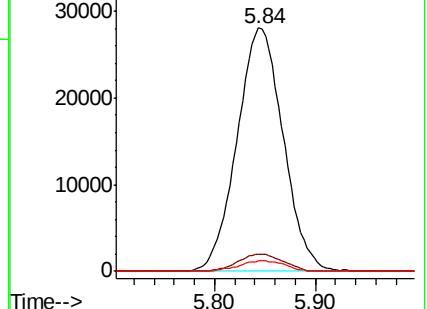
100 4.4 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VN056016.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VN056016.D (-1244) (-)

Ion 100.00 (99.70 to 100.70): VN056016.D (-1244) (-)



#22

cis-1,2-Dichloroethene

Concen: 19.026 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

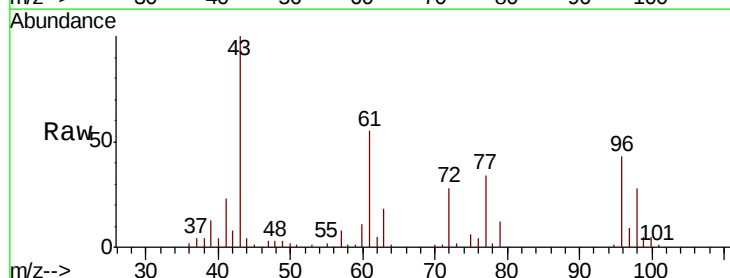
Tgt Ion: 96 Resp: 59234

Ion Ratio Lower Upper

96 100

61 131.3 105.7 158.5

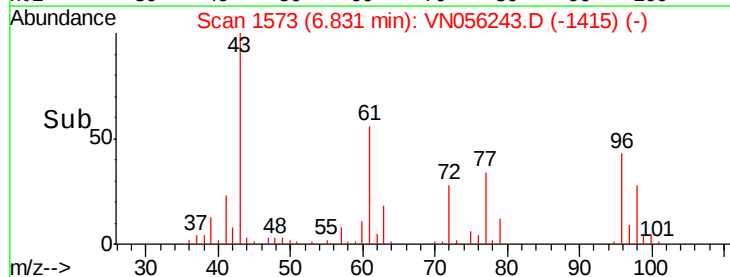
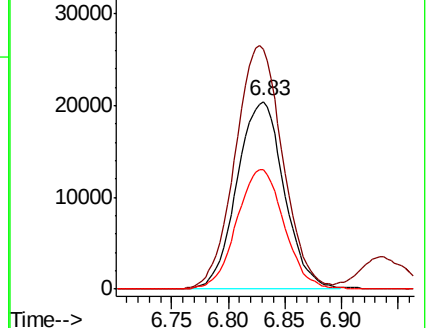
98 64.0 52.0 78.0

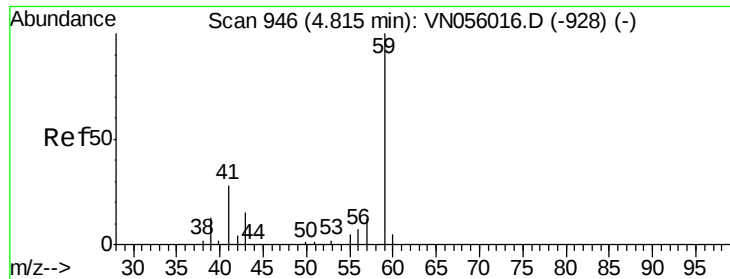


Abundance Ion 96.00 (95.70 to 96.70): VN056016.D (-1552) (-)

Ion 61.00 (60.70 to 61.70): VN056016.D (-1552) (-)

Ion 98.00 (97.70 to 98.70): VN056016.D (-1552) (-)

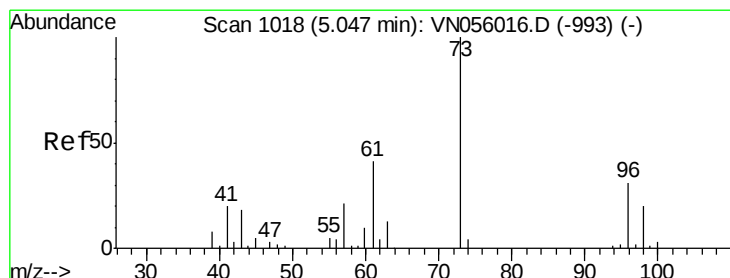
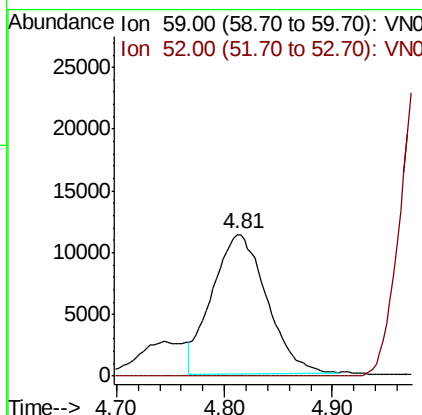
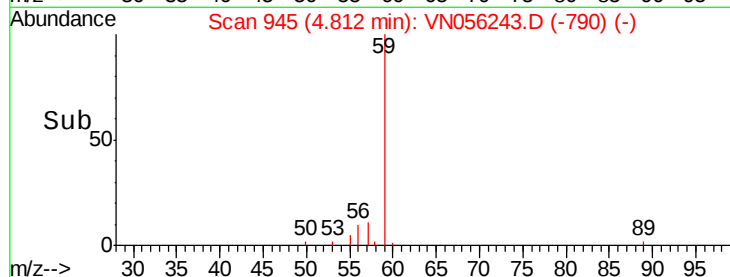
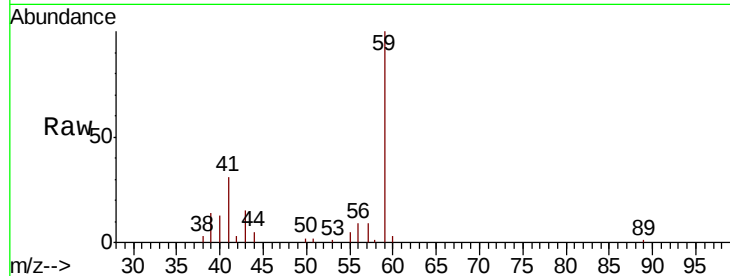




#23  
 tert-Butyl Alcohol  
 Concen: 76.393 ug/l  
 RT: 4.81 min Scan# 945  
 Delta R.T. -0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

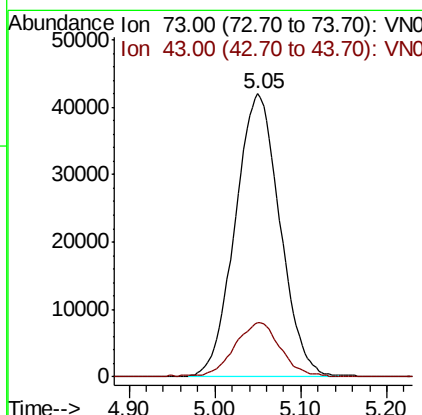
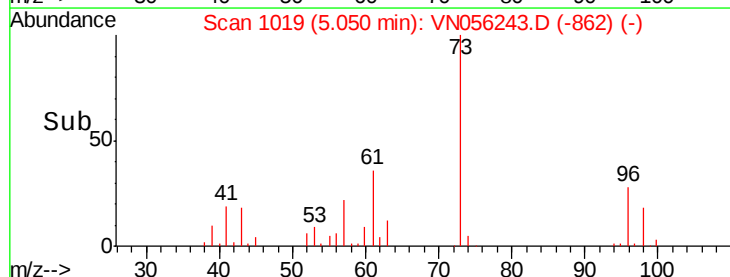
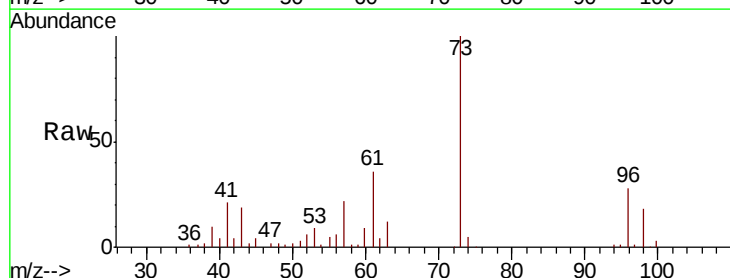
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

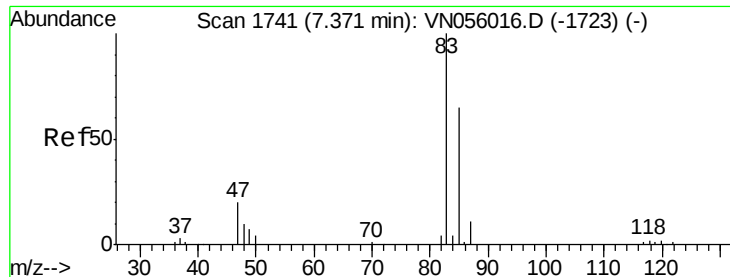
Tot Ion: 59 Resp: 39820  
 Ion Ratio Lower Upper  
 59 100  
 52 0.0 0.0 0.0



#24  
 Methyl tert-Butyl Ether  
 Concen: 19.084 ug/l  
 RT: 5.05 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion: 73 Resp: 151982  
 Ion Ratio Lower Upper  
 73 100  
 43 19.0 15.4 23.0

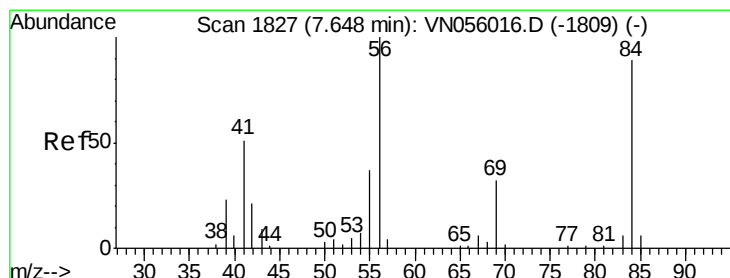
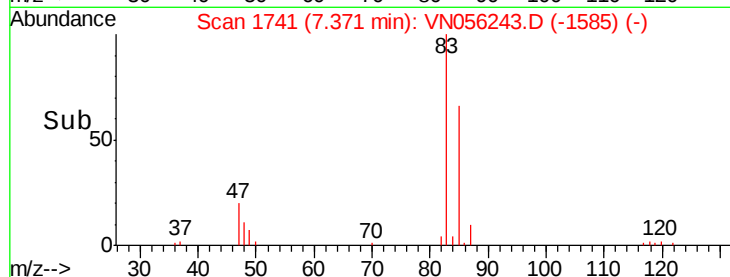
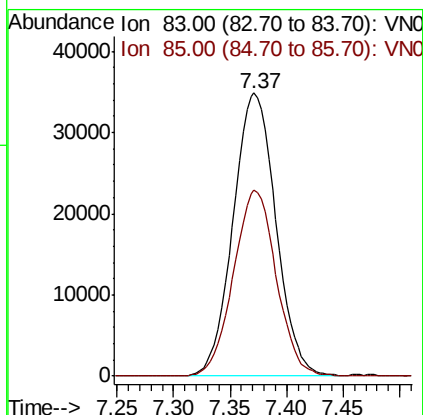
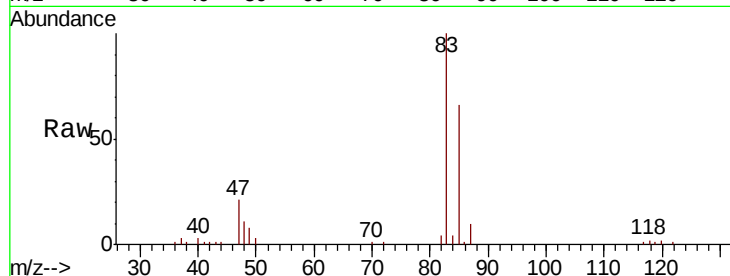




#25  
Chloroform  
Concen: 19.734 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

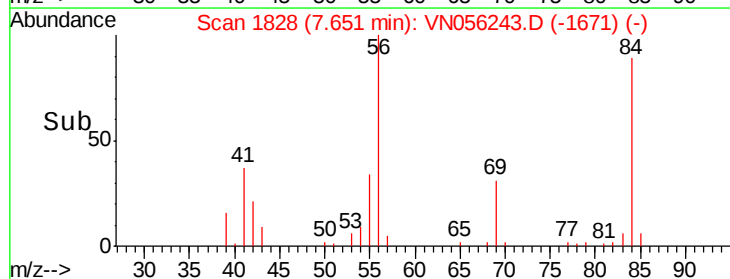
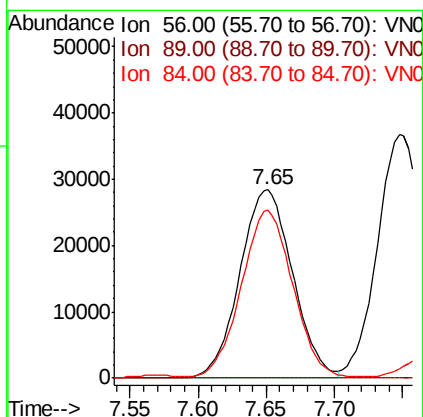
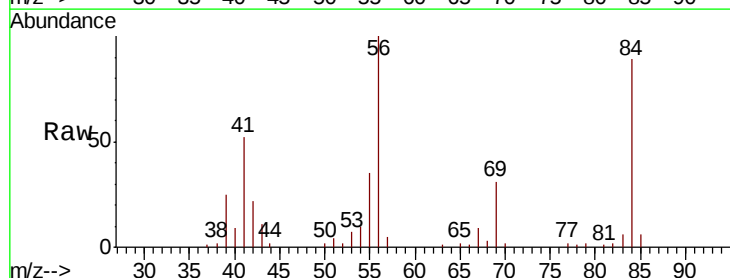
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

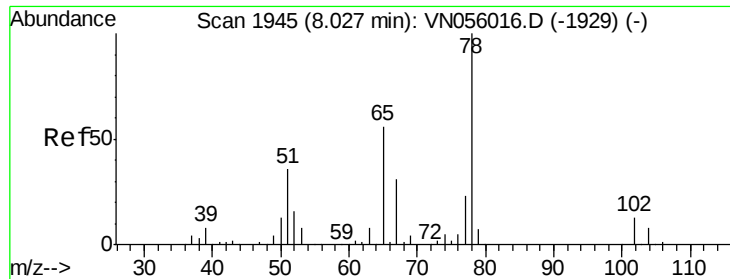
Tot Ion: 83 Resp: 91865  
Ion Ratio Lower Upper  
83 100  
85 65.7 52.0 78.0



#26  
Cyclohexane  
Concen: 17.621 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 56 Resp: 76214  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 87.6 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.238 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

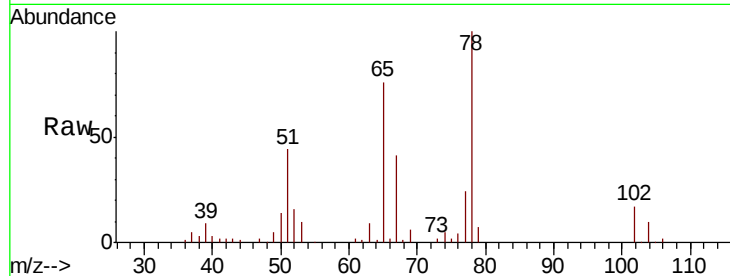
VSTDCCC020EC

Tot Ion: 65 Resp: 89894

Ion Ratio Lower Upper

65 100

67 54.4 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN056016.D (-1929) (-)

Ion 67.00 (66.70 to 67.70): VN056016.D (-1929) (-)

8.02

40000

30000

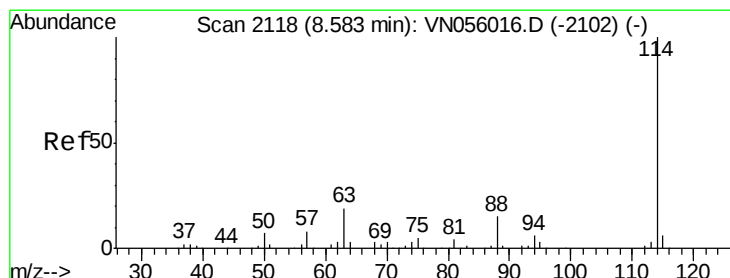
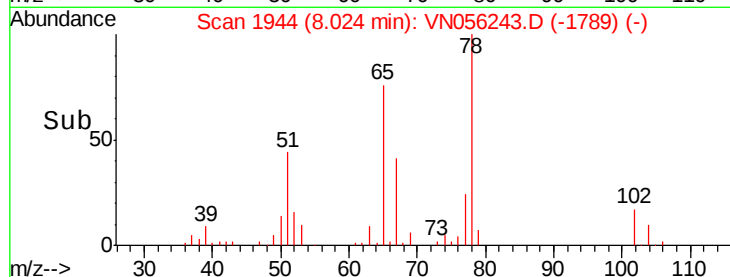
20000

10000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

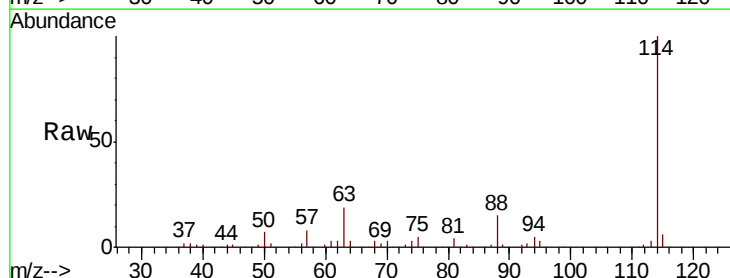
Tgt Ion: 114 Resp: 230074

Ion Ratio Lower Upper

114 100

63 18.9 14.7 22.1

88 14.8 11.9 17.9



Abundance Ion 114.00 (113.70 to 114.70): VN056016.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN056016.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN056016.D (-2102) (-)

8.58

150000

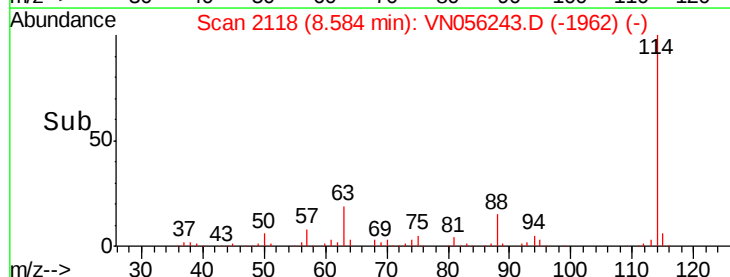
100000

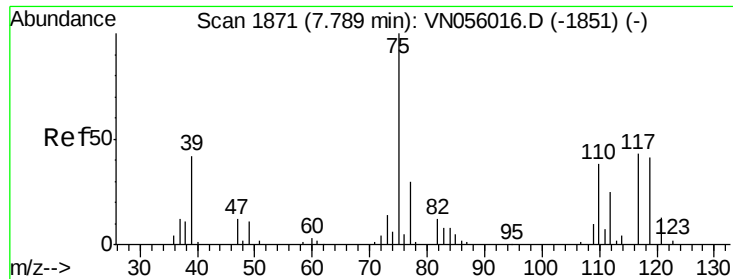
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->

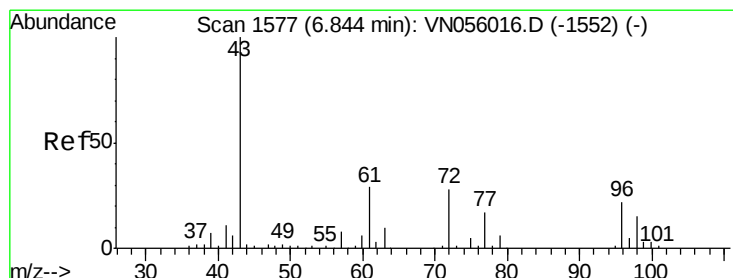
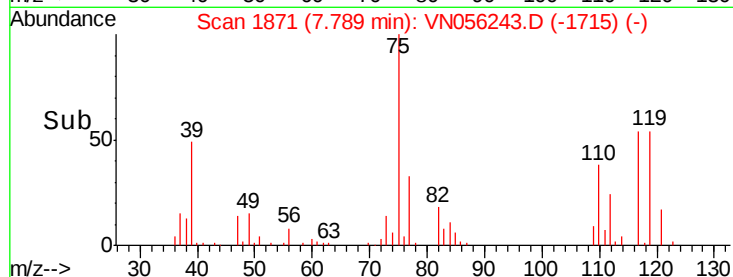
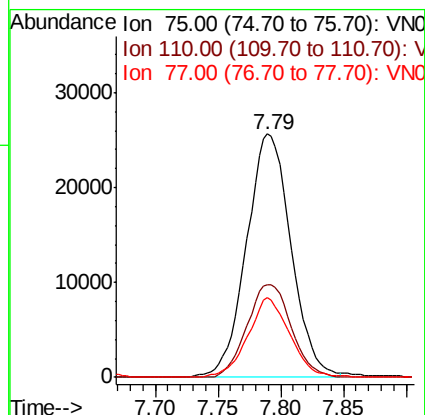
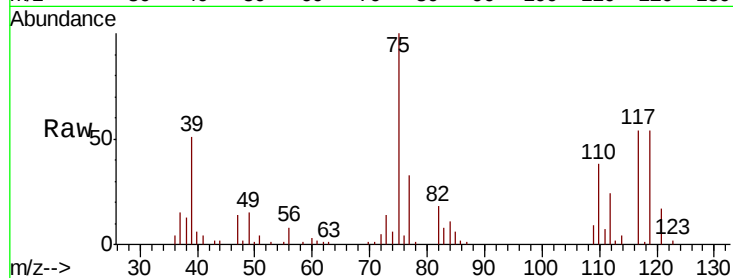




#29  
 1,1-Dichloropropene  
 Concen: 20.407 ug/l  
 RT: 7.79 min Scan# 1871  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

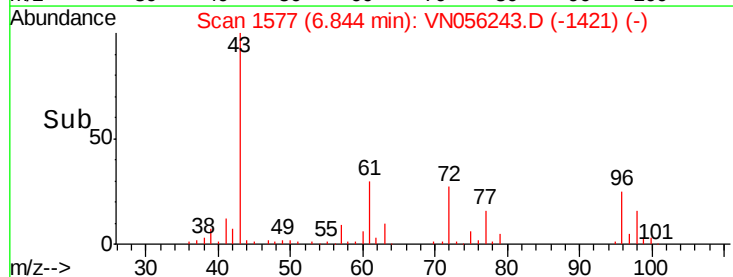
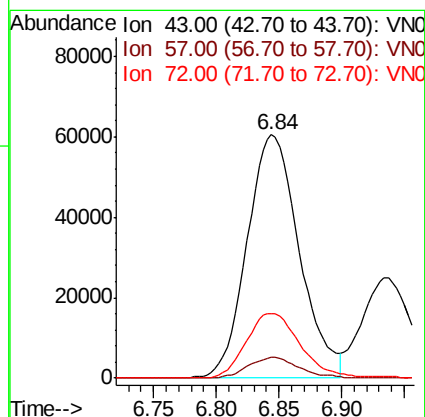
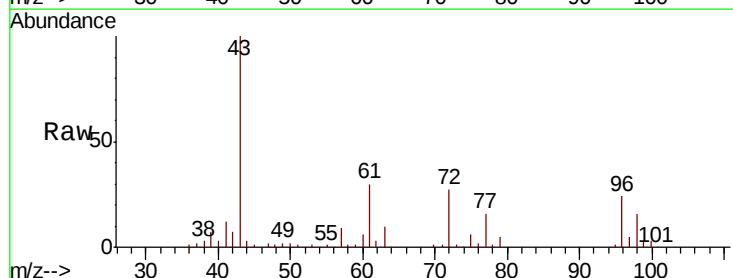
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

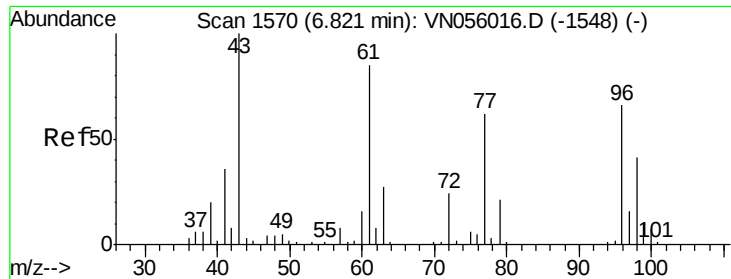
Tot Ion: 75 Resp: 63508  
 Ion Ratio Lower Upper  
 75 100  
 110 37.8 0.0 77.0  
 77 30.8 0.0 62.4



#30  
 2-Butanone  
 Concen: 106.053 ug/l  
 RT: 6.84 min Scan# 1577  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion: 43 Resp: 173756  
 Ion Ratio Lower Upper  
 43 100  
 57 8.4 6.7 10.1  
 72 27.9 22.4 33.6

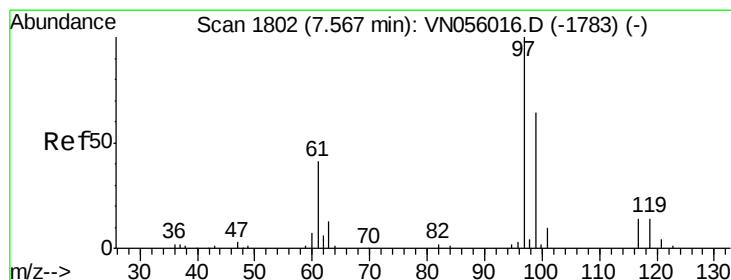
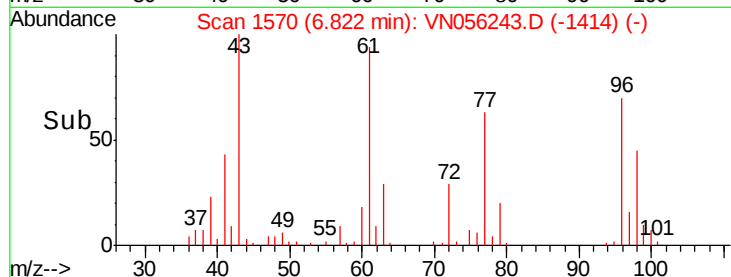
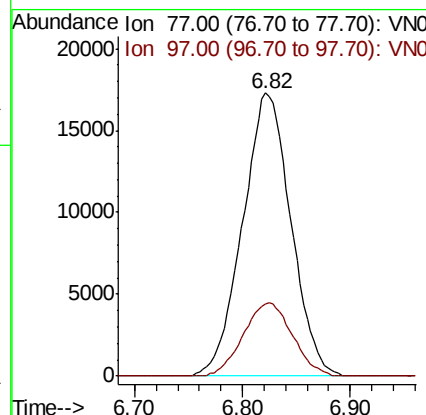
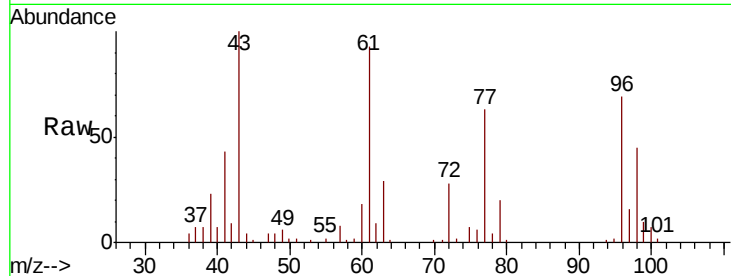




#31  
 2,2-Dichloropropane  
 Concen: 18.560 ug/l  
 RT: 6.82 min Scan# 1570  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

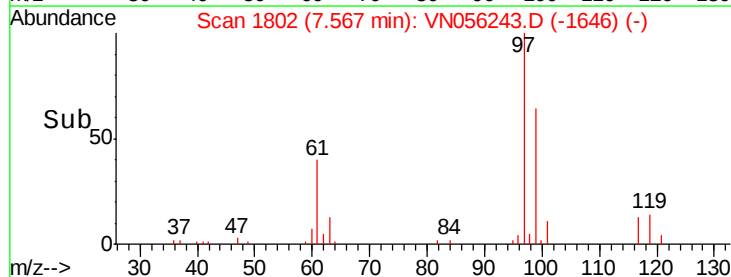
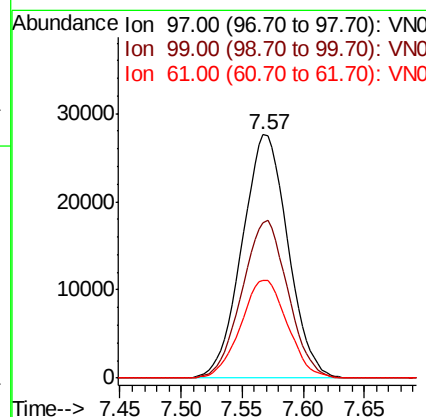
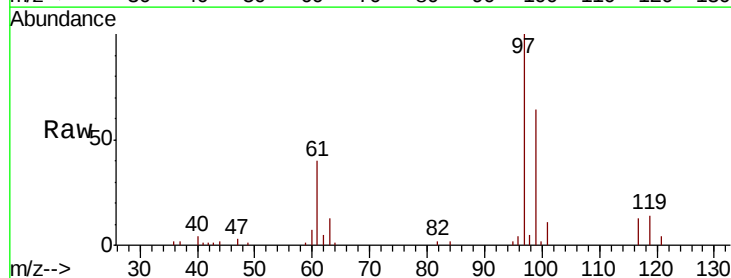
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

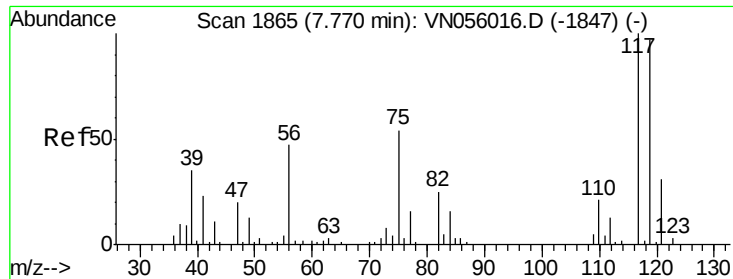
Tot Ion: 77 Resp: 53733  
 Ion Ratio Lower Upper  
 77 100  
 97 26.3 20.8 31.2



#32  
 1,1,1-Trichloroethane  
 Concen: 20.930 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion: 97 Resp: 71968  
 Ion Ratio Lower Upper  
 97 100  
 99 64.6 51.5 77.3  
 61 41.1 32.9 49.3

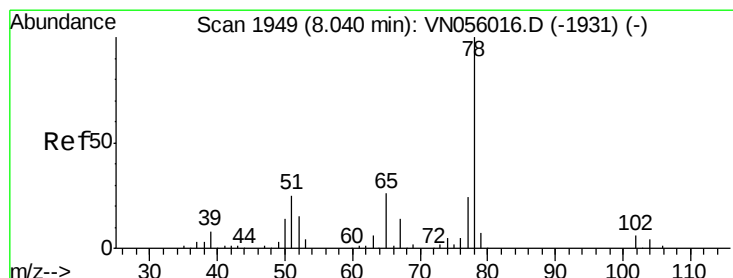
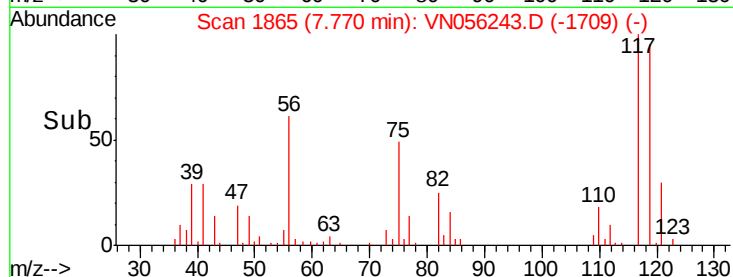
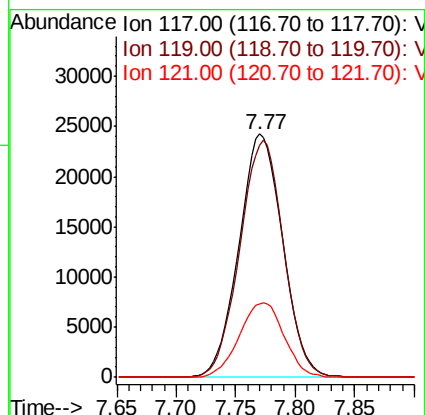
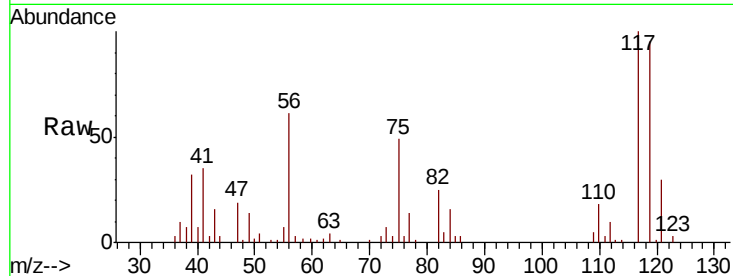




#33  
Carbon Tetrachloride  
Concen: 21.242 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

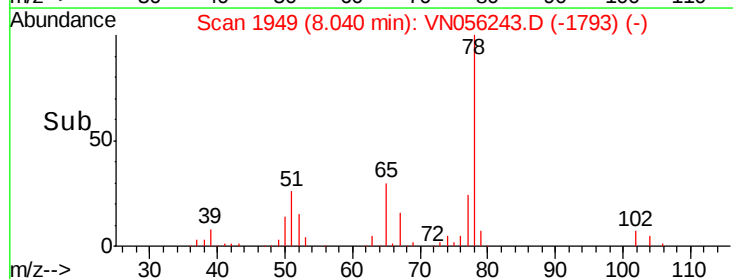
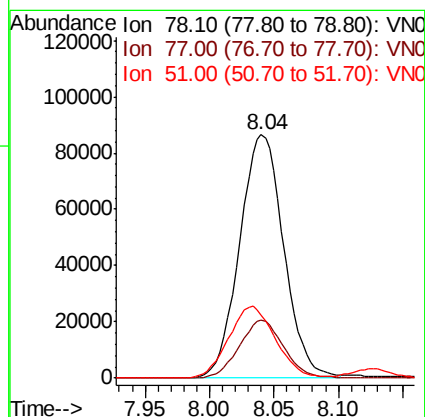
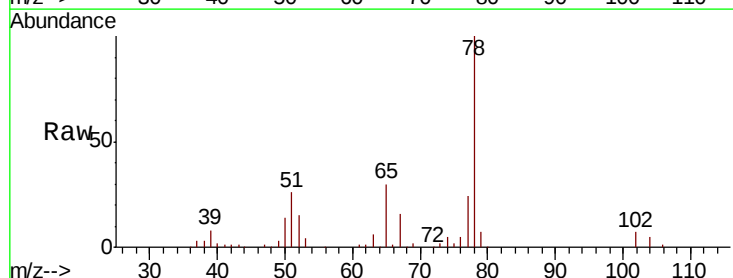
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

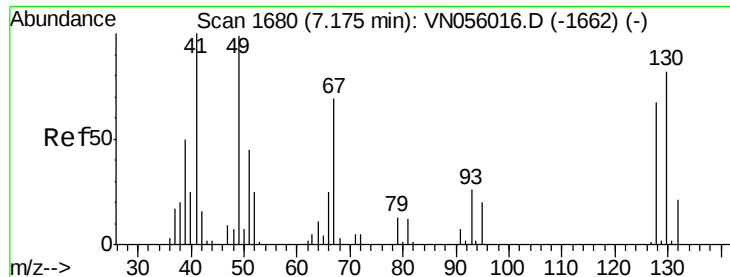
Tot Ion:117 Resp: 61880  
Ion Ratio Lower Upper  
117 100  
119 95.2 77.3 115.9  
121 30.4 25.0 37.4



#34  
Benzene  
Concen: 20.848 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 78 Resp: 206724  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.3 28.9  
51 25.6 19.8 29.8

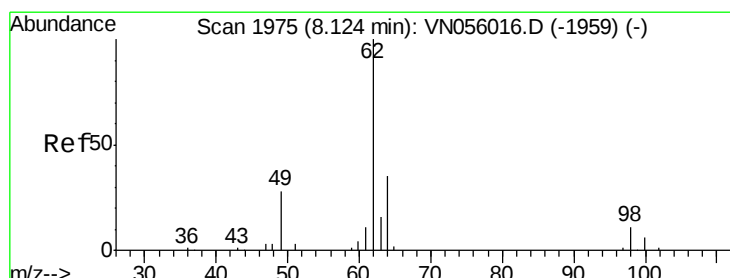
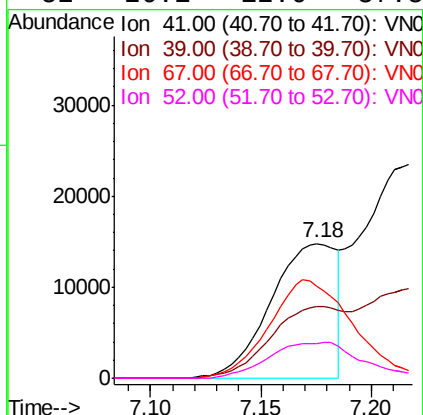
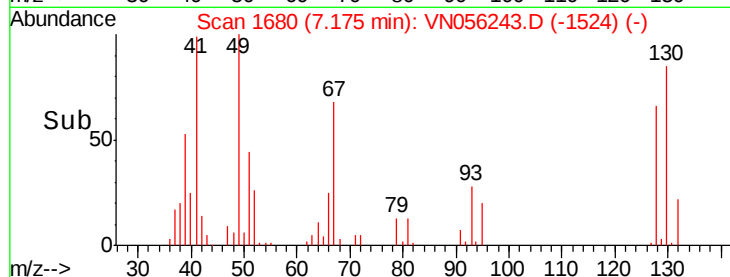
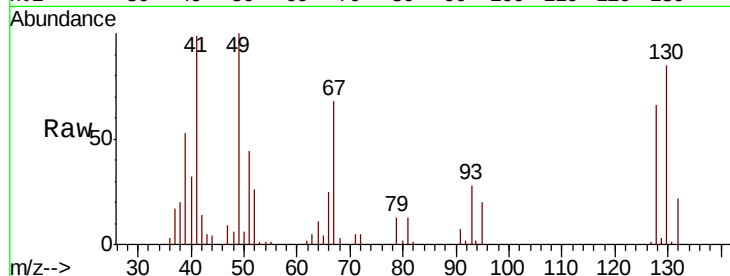




#35  
Methacrylonitrile  
Concen: 22.273 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

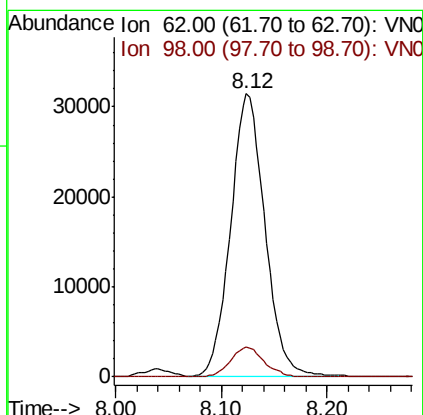
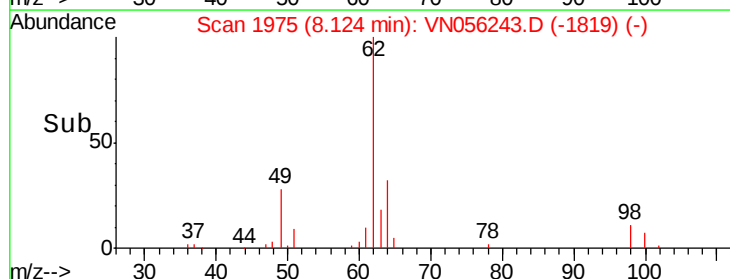
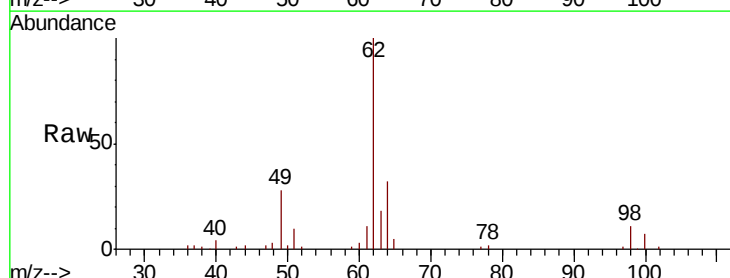
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

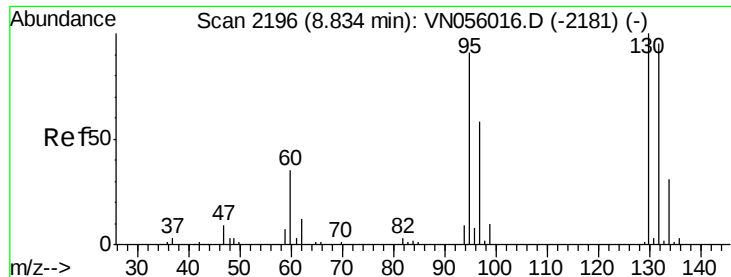
Tot Ion: 41 Resp: 30815  
Ion Ratio Lower Upper  
41 100  
39 53.5 24.8 74.3  
67 68.8 34.3 102.9  
52 26.1 12.6 37.8



#36  
1,2-Dichloroethane  
Concen: 22.918 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 62 Resp: 71182  
Ion Ratio Lower Upper  
62 100  
98 10.2 8.6 13.0

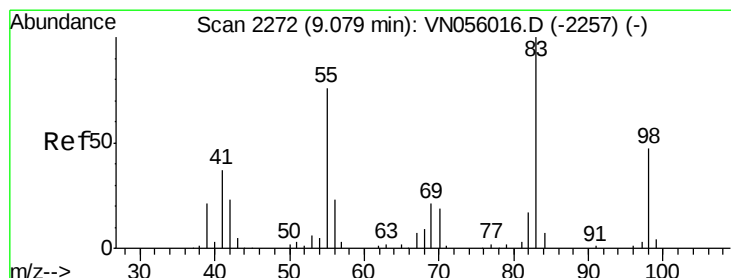
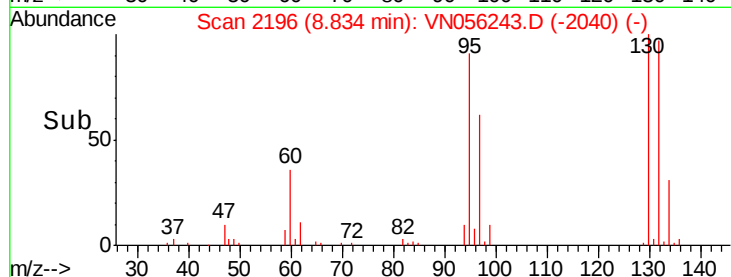
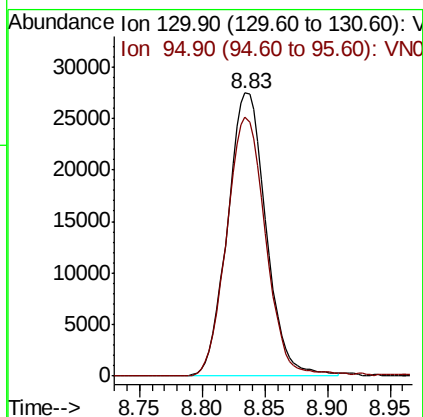
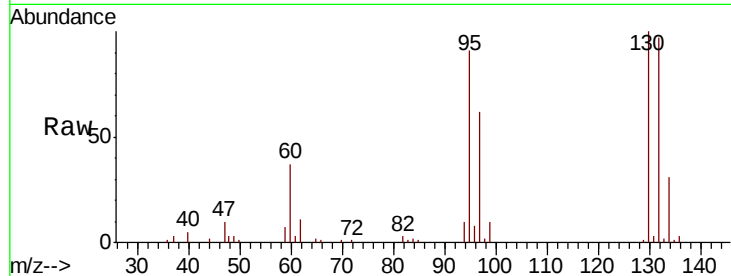




#37  
 Trichloroethene  
 Concen: 21.143 ug/l  
 RT: 8.83 min Scan# 2196  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

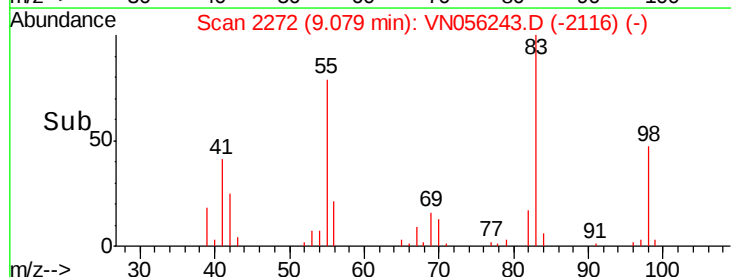
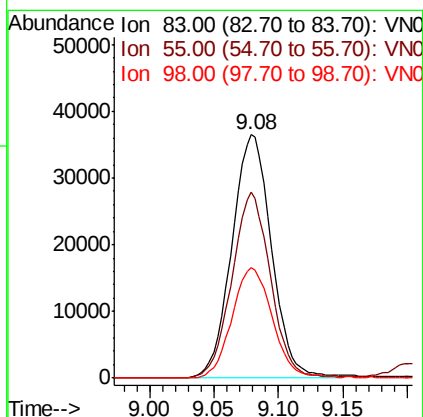
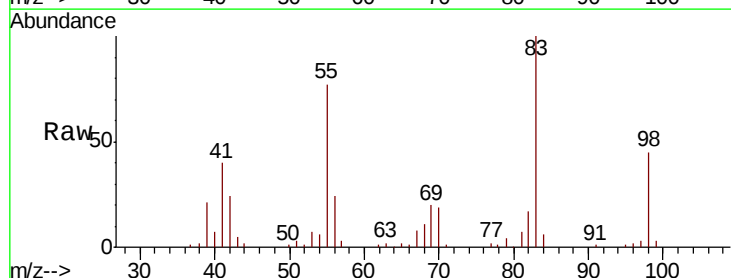
Instrument :  
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 ClientSampleId :  
 VSTDCCC020EC

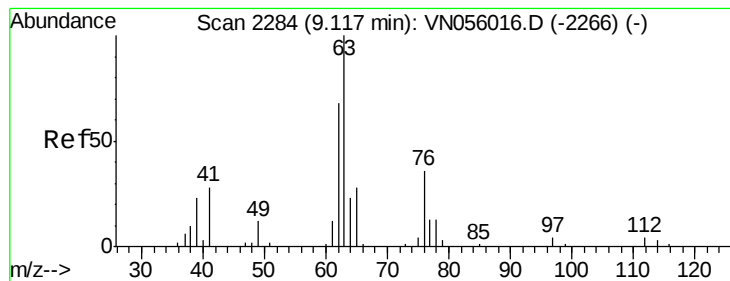
Tot Ion:130 Resp: 58666  
 Ion Ratio Lower Upper  
 130 100  
 95 91.4 73.0 109.6



#38  
 Methylcyclohexane  
 Concen: 19.800 ug/l  
 RT: 9.08 min Scan# 2272  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion: 83 Resp: 78118  
 Ion Ratio Lower Upper  
 83 100  
 55 74.1 37.5 112.7  
 98 46.1 23.1 69.3





#39

1,2-Dichloropropane

Concen: 21.750 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

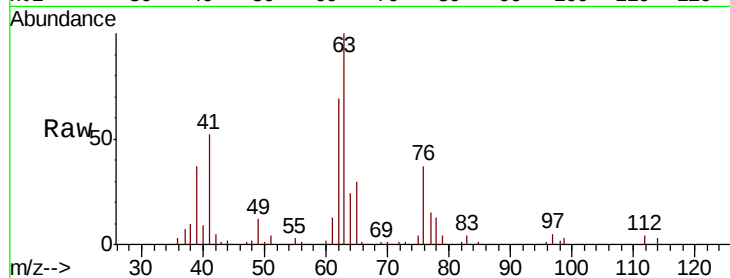
VSTDCCC020EC

Tot Ion: 63 Resp: 55237

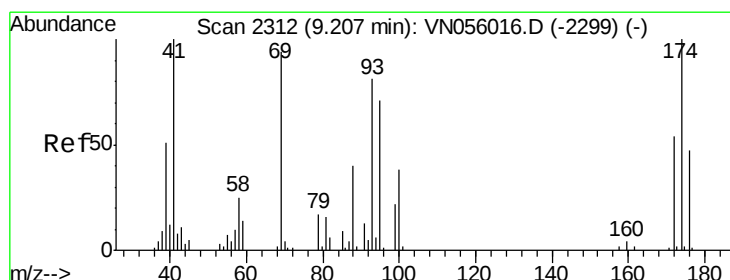
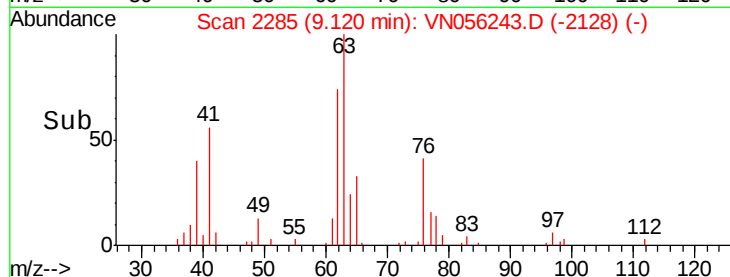
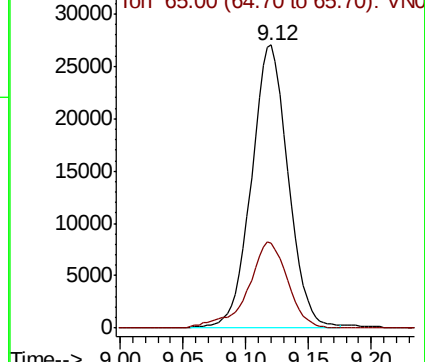
Ion Ratio Lower Upper

63 100

65 29.9 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VN056016.D (-2266) (-)



#40

Dibromomethane

Concen: 22.565 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

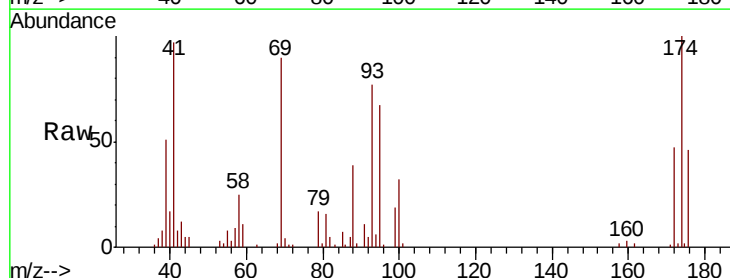
Tgt Ion: 93 Resp: 37997

Ion Ratio Lower Upper

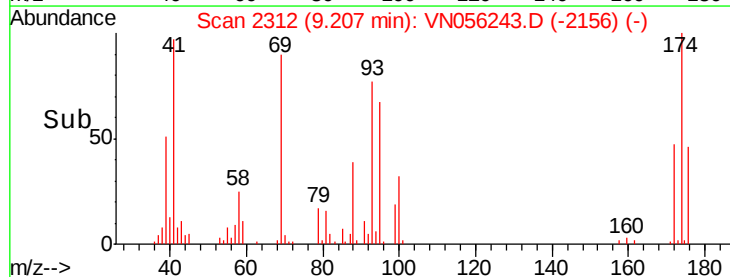
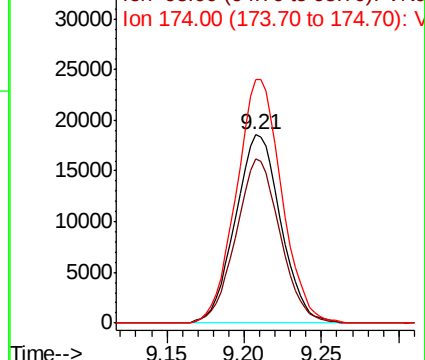
93 100

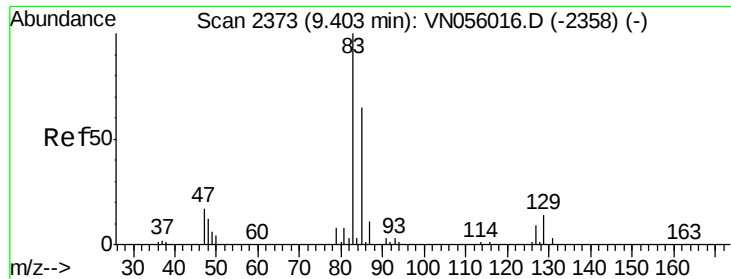
95 84.5 0.0 169.0

174 128.8 0.0 246.4



Abundance Ion 93.00 (92.70 to 93.70): VN056016.D (-2299) (-)





#41

Bromodichloromethane

Concen: 22.836 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

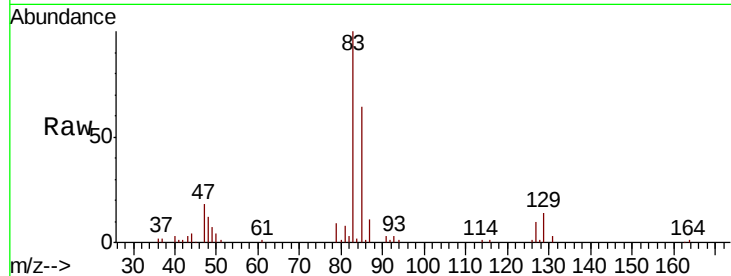
Tot Ion: 83 Resp: 68856

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

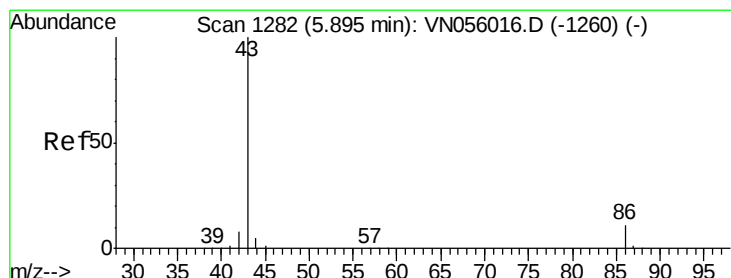
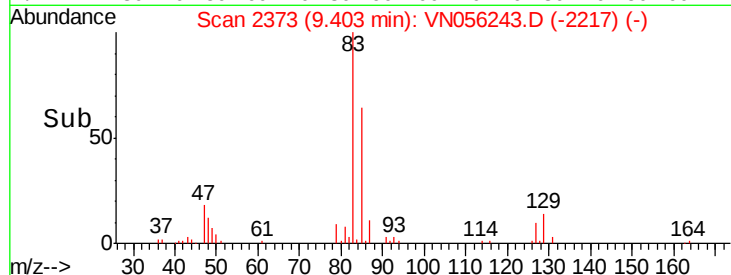
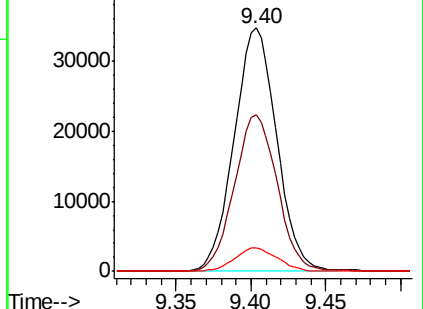
127 10.6 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN056243.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN056243.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN056243.D (-2217) (-)



#42

Vinyl Acetate

Concen: 108.695 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056243.D

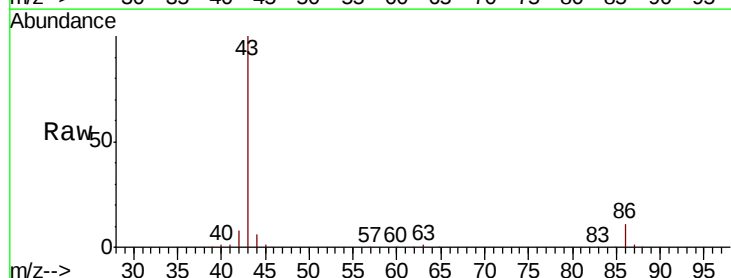
Acq: 12 Jun 2019 12:25

Tgt Ion: 43 Resp: 634896

Ion Ratio Lower Upper

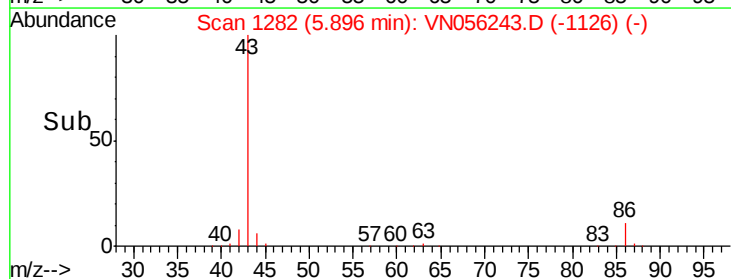
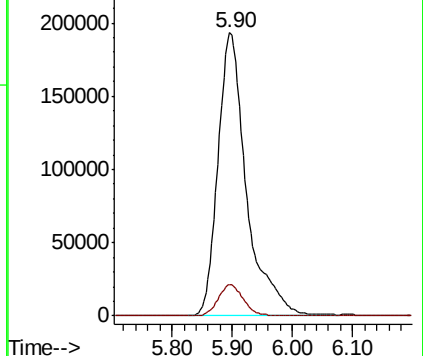
43 100

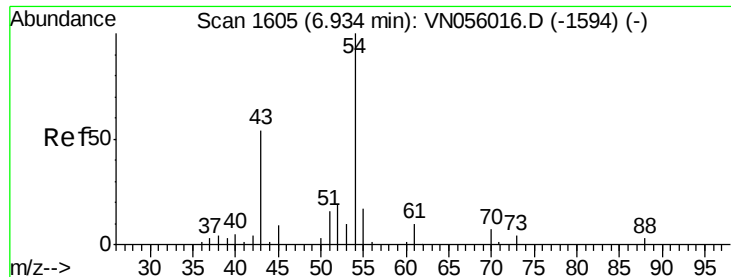
86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN056243.D (-1126) (-)

Ion 86.00 (85.70 to 86.70): VN056243.D (-1126) (-)

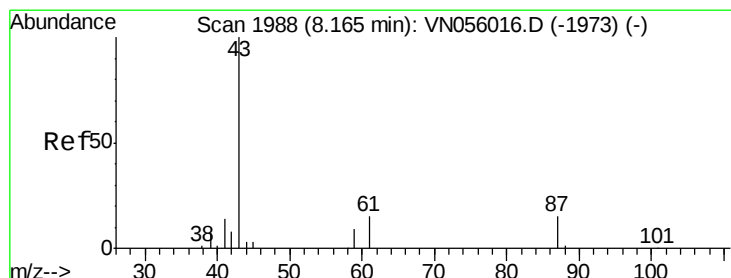
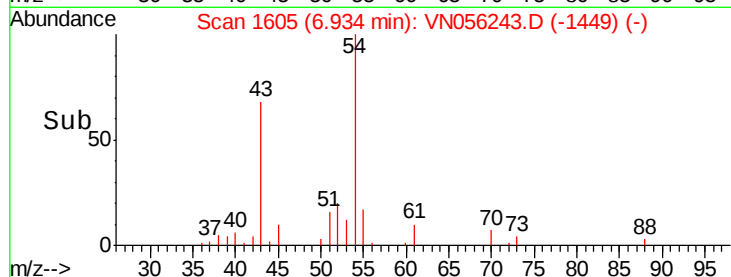
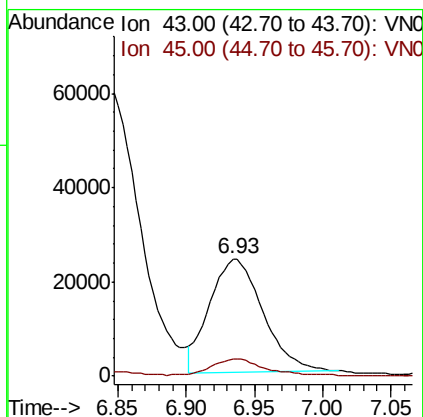
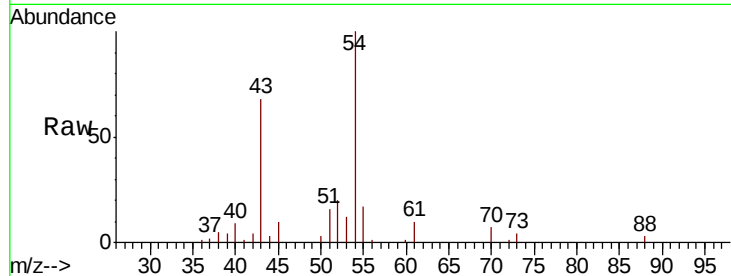




#43  
Ethyl Acetate  
Concen: 20.881 ug/l  
RT: 6.93 min Scan# 1605  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

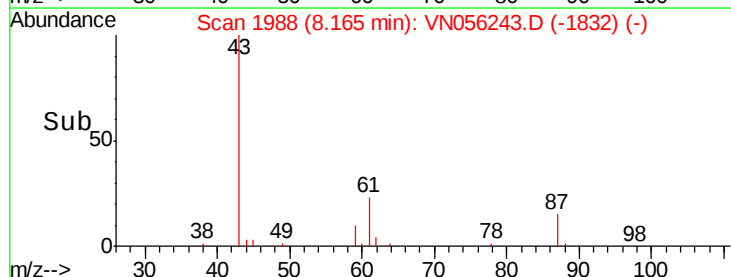
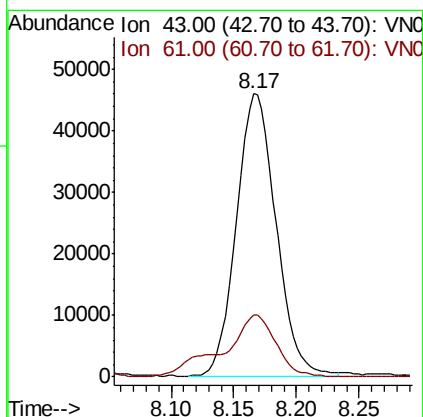
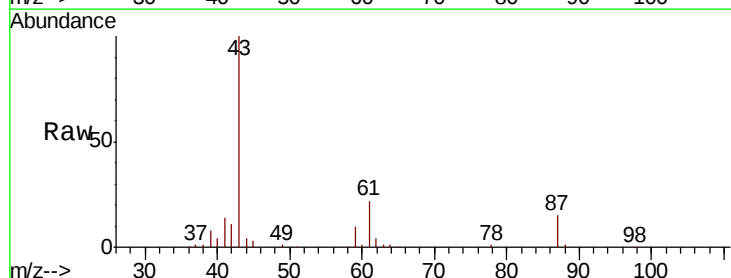
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

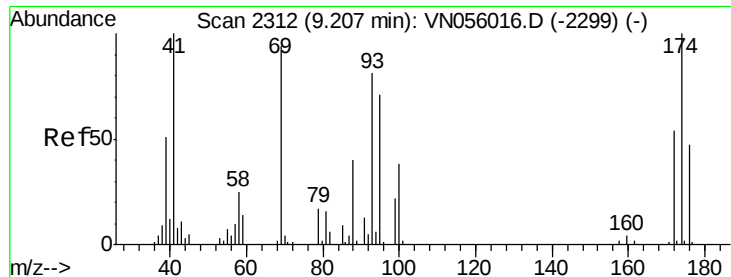
Tot Ion: 43 Resp: 65476  
Ion Ratio Lower Upper  
43 100  
45 16.2 12.3 18.5



#44  
Isopropyl Acetate  
Concen: 20.681 ug/l  
RT: 8.17 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 43 Resp: 100684  
Ion Ratio Lower Upper  
43 100  
61 21.3 16.9 25.3

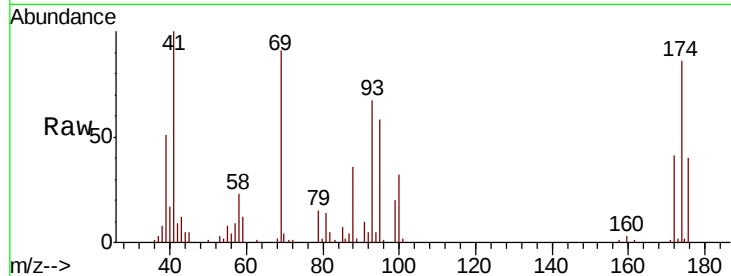




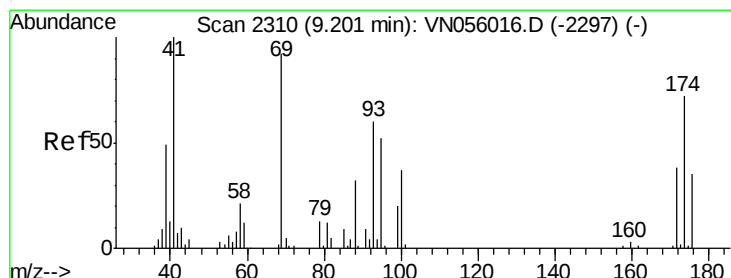
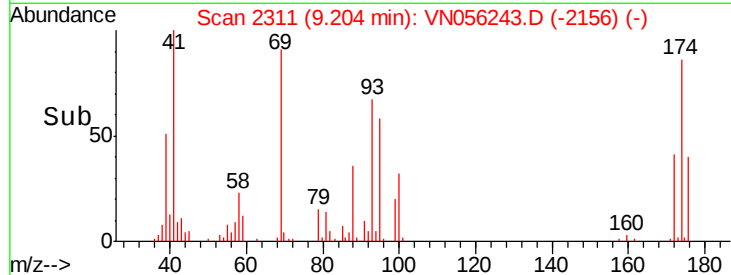
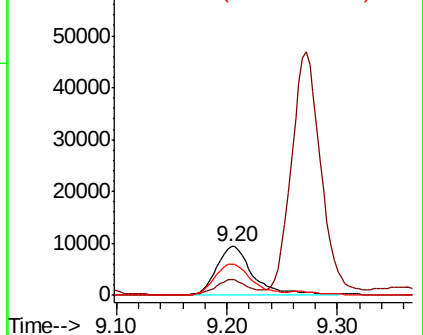
#45  
 1,4-Dioxane  
 Concen: 422.750 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. -0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Tot Ion: 88 Resp: 22017  
 Ion Ratio Lower Upper  
 88 100  
 43 29.0 19.8 29.6  
 58 63.9 48.5 72.7

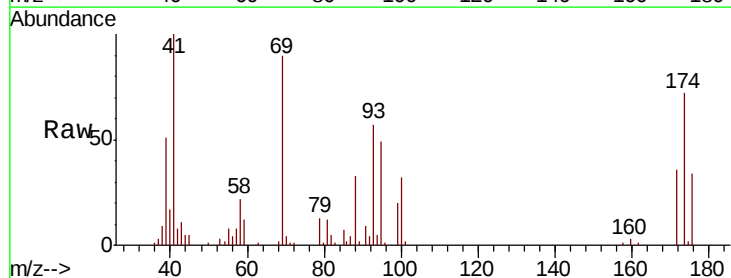


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

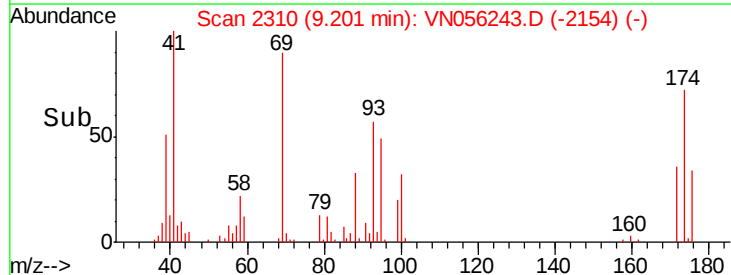
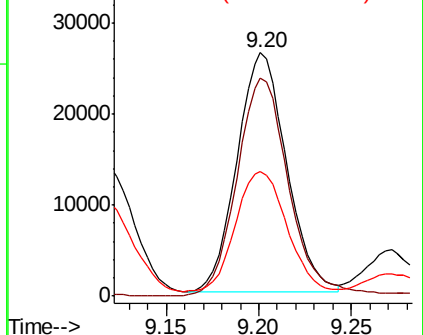


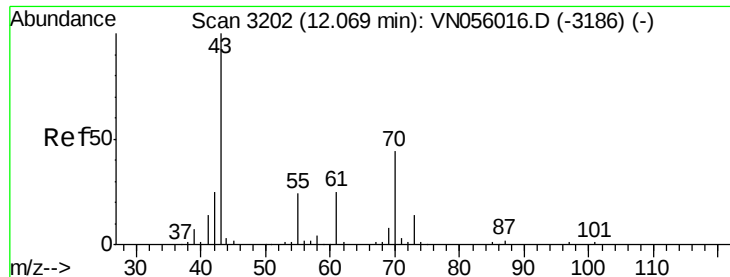
#46  
 Methyl methacrylate  
 Concen: 20.203 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion: 41 Resp: 48863  
 Ion Ratio Lower Upper  
 41 100  
 69 90.5 46.0 137.8  
 39 50.1 24.6 73.8



Abundance Ion 41.00 (40.70 to 41.70): VN0  
 Ion 69.00 (68.70 to 69.70): VN0  
 Ion 39.00 (38.70 to 39.70): VN0

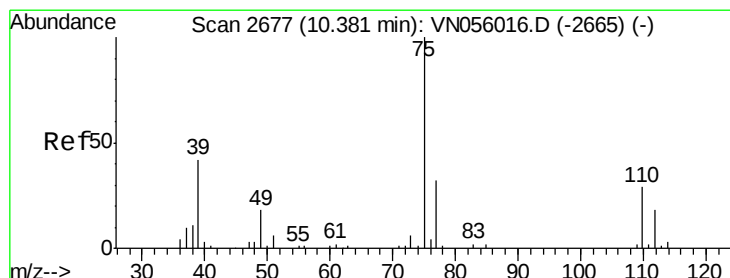
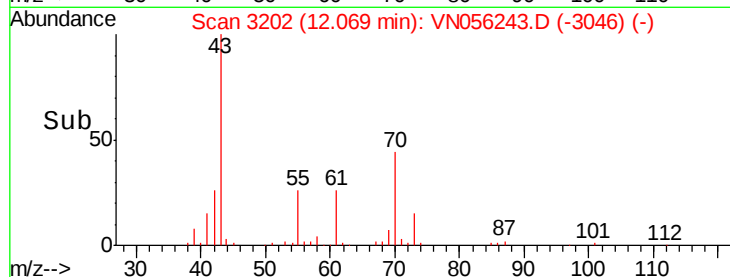
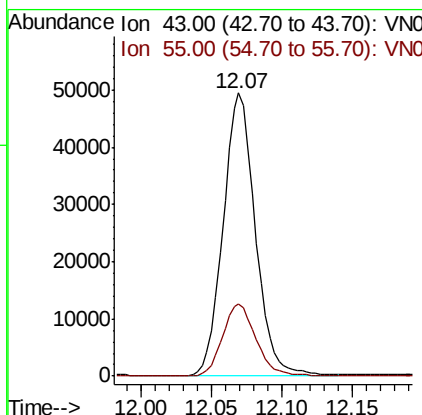
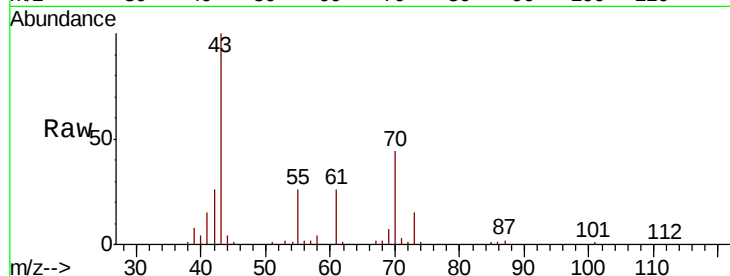




#47  
n-amvl Acetate  
Concen: 19.661 ug/l  
RT: 12.07 min Scan# 3202  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

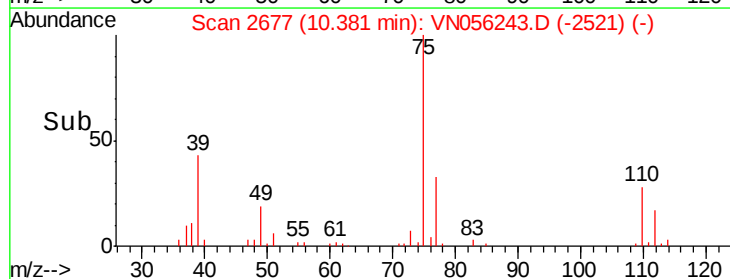
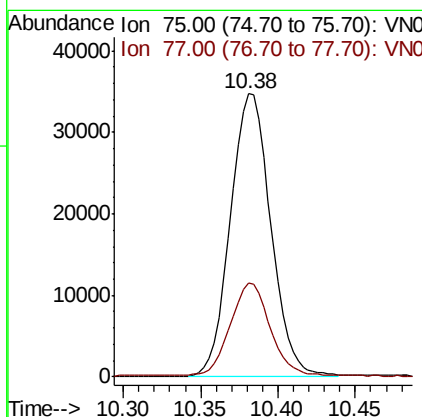
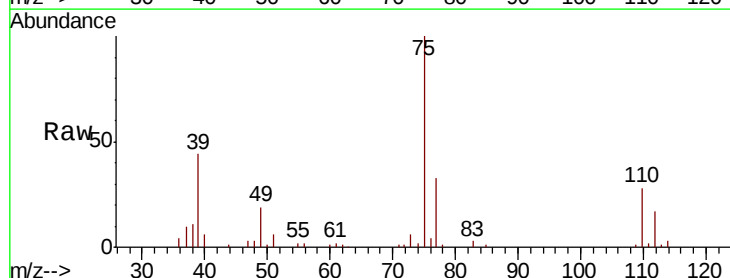
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

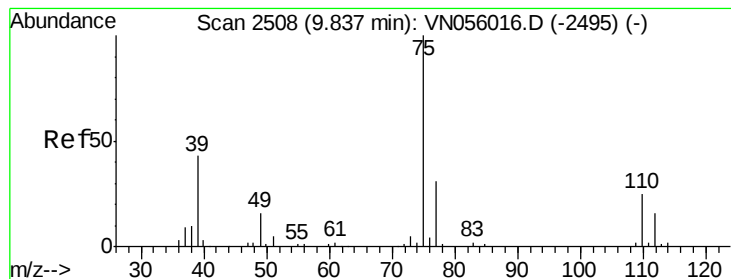
Tot Ion: 43 Resp: 79158  
Ion Ratio Lower Upper  
43 100  
55 26.2 19.0 28.6



#48  
t-1,3-Dichloropropene  
Concen: 19.962 ug/l  
RT: 10.38 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 75 Resp: 63343  
Ion Ratio Lower Upper  
75 100  
77 32.7 26.0 39.0



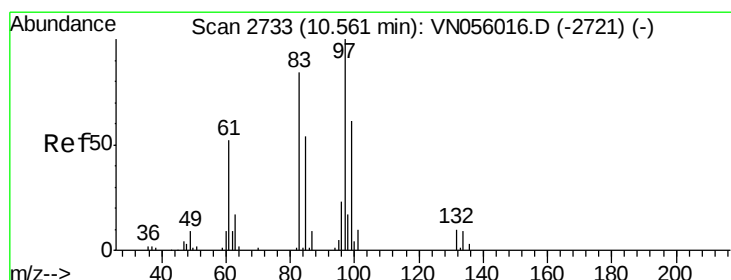
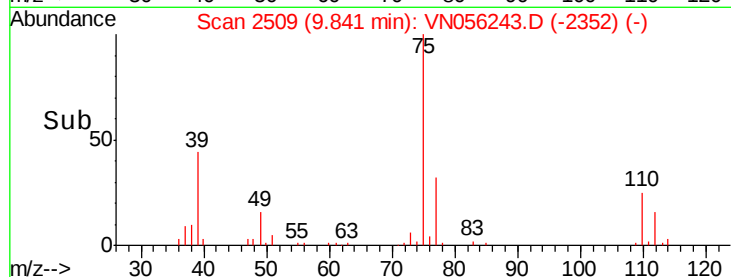
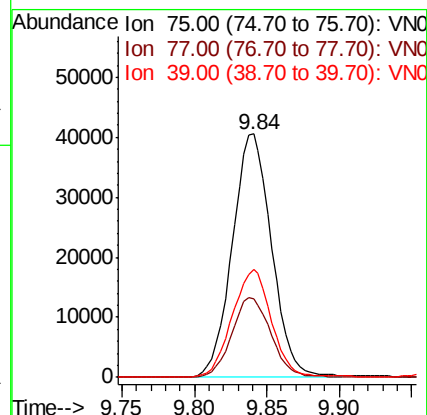
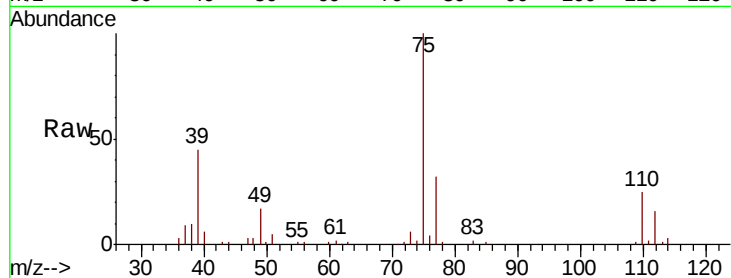


#49

cis-1,3-Dichloropropene  
 Concen: 20.526 ug/l  
 RT: 9.84 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

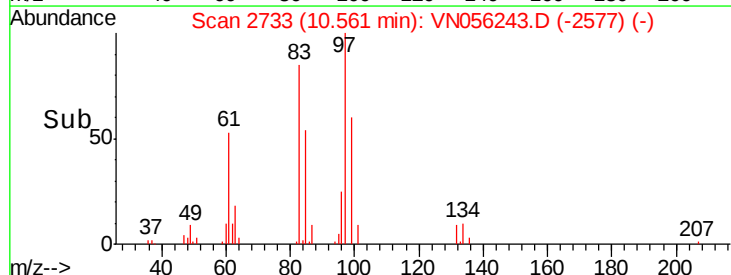
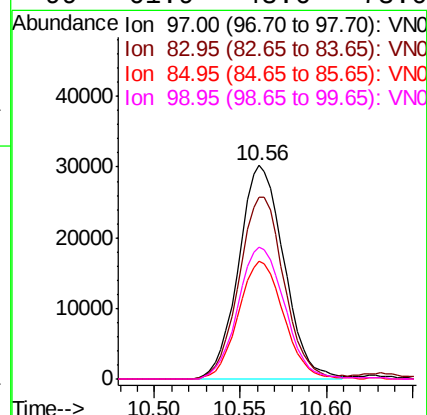
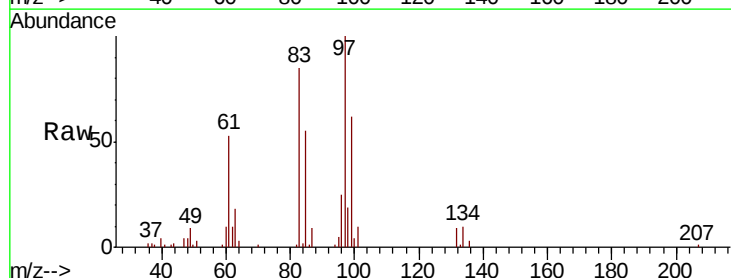
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.2  | 25.1  | 37.7  |
| 39      | 44.6  | 34.3  | 51.5  |

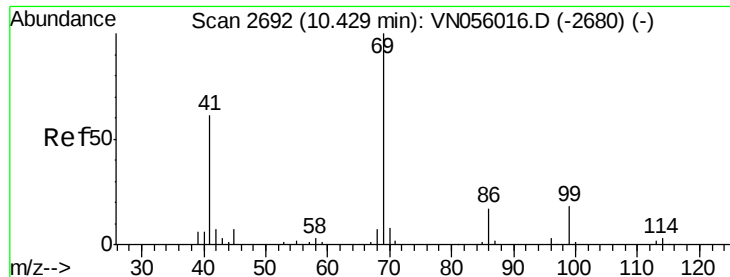


#50

1,1,2-Trichloroethane  
 Concen: 22.214 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 85.3  | 66.9  | 100.3 |
| 85      | 55.0  | 43.3  | 64.9  |
| 99      | 61.9  | 48.6  | 73.0  |





#51

Ethyl methacrylate

Concen: 20.257 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

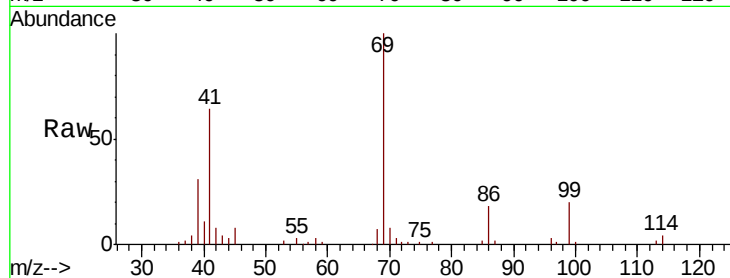
Tot Ion: 69 Resp: 76650

Ion Ratio Lower Upper

69 100

41 63.8 30.8 92.3

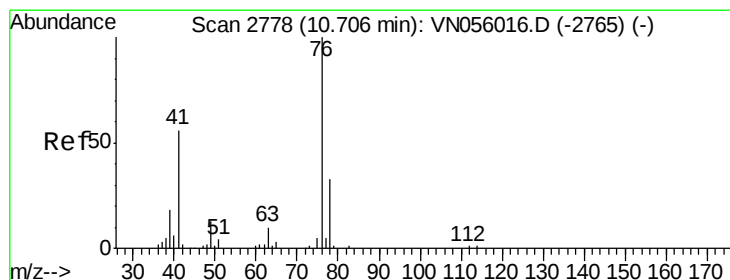
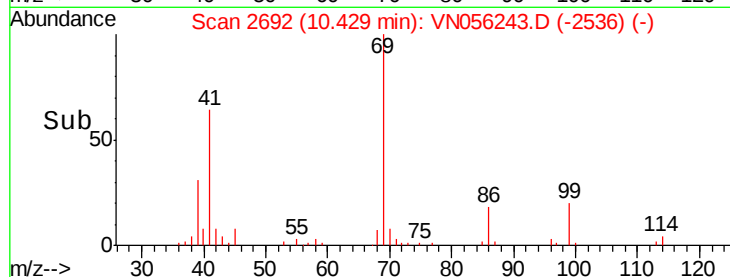
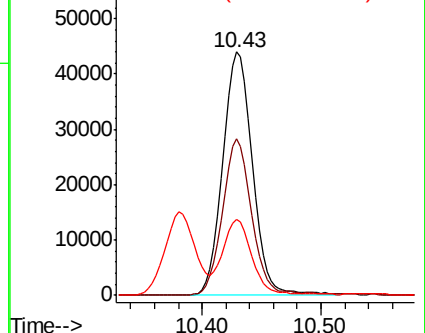
39 30.6 14.5 43.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 22.190 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056243.D

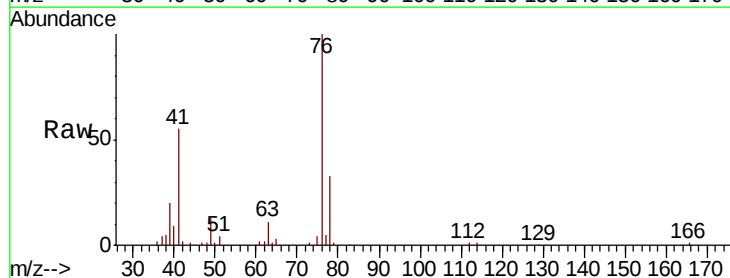
Acq: 12 Jun 2019 12:25

Tgt Ion: 76 Resp: 89972

Ion Ratio Lower Upper

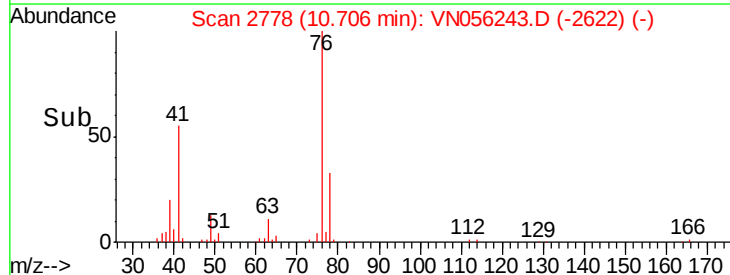
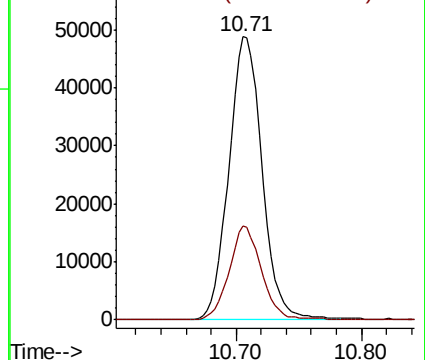
76 100

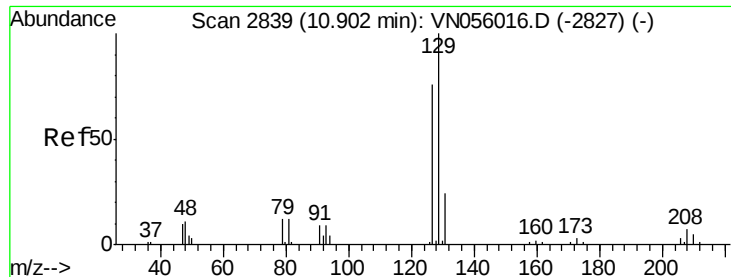
78 32.0 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 23.171 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

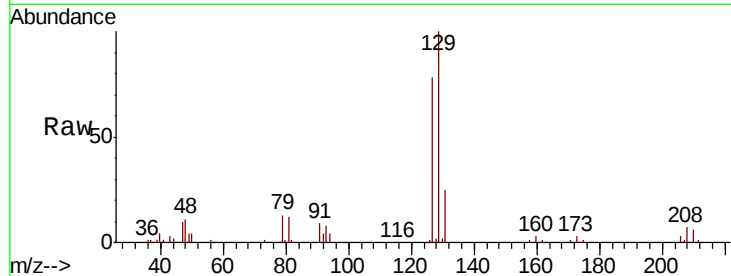
VSTDCCC020EC

Tot Ion:129 Resp: 56730

Ion Ratio Lower Upper

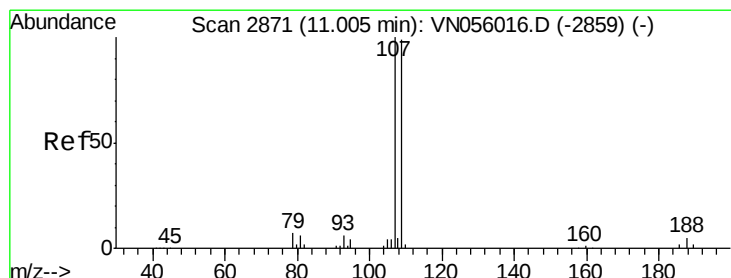
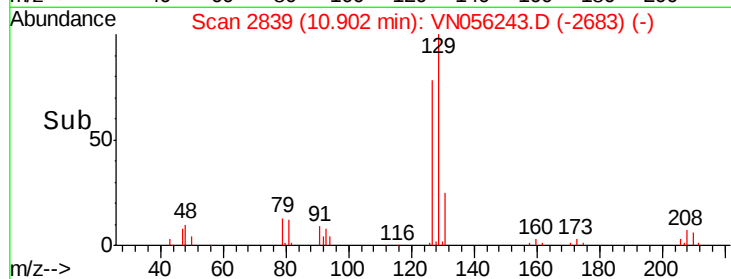
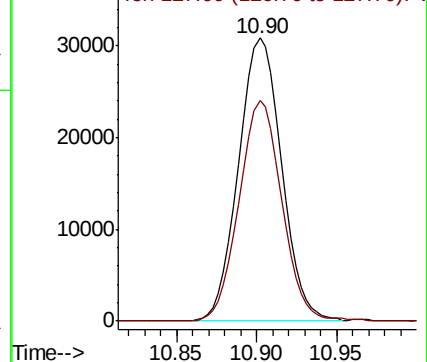
129 100

127 77.4 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.842 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056243.D

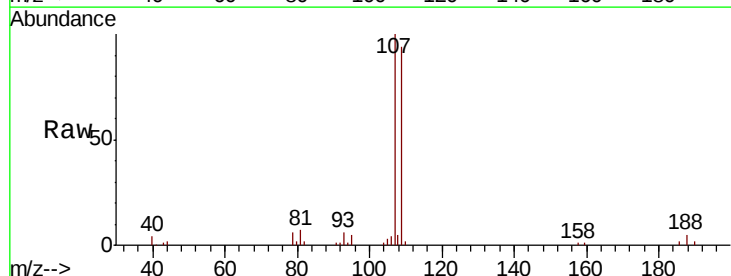
Acq: 12 Jun 2019 12:25

Tgt Ion:107 Resp: 57004

Ion Ratio Lower Upper

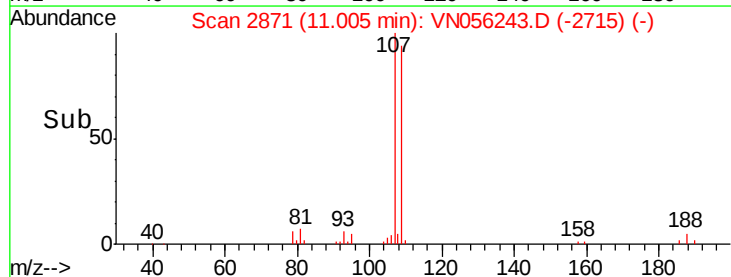
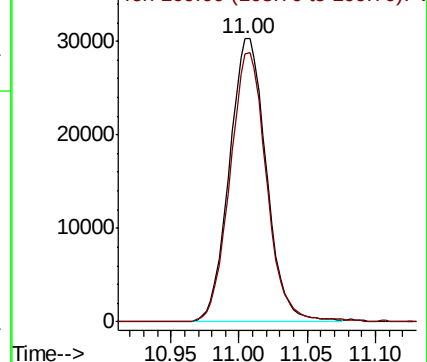
107 100

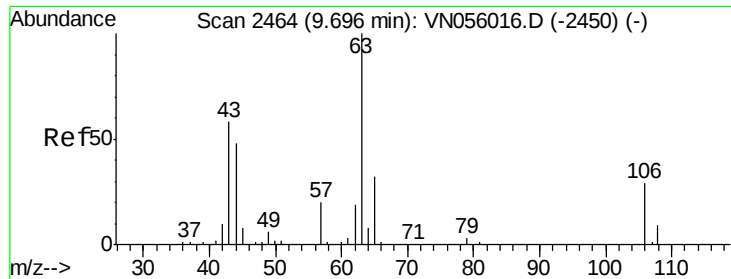
109 94.3 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

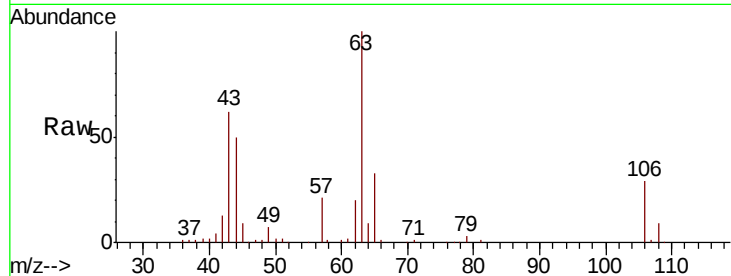




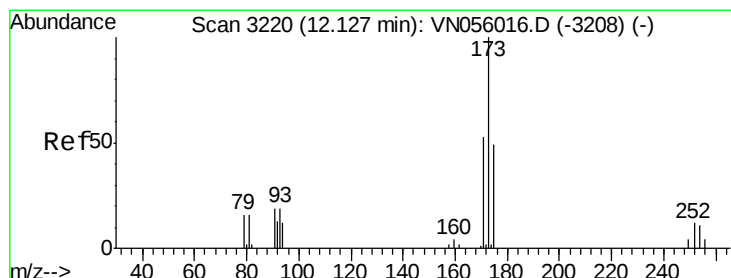
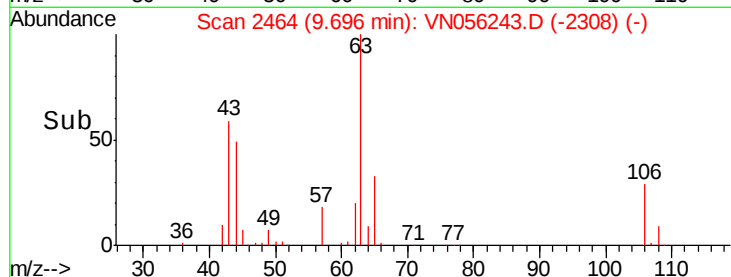
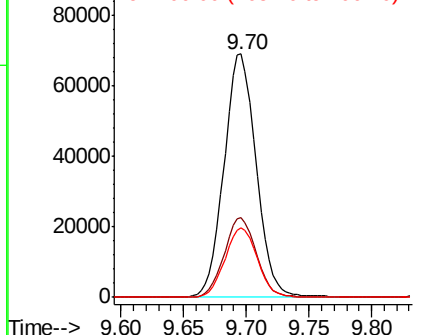
#55  
2-Chloroethyl vinyl ether  
Concen: 92.875 ug/l  
RT: 9.70 min Scan# 2464  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion: 63 Resp: 123092  
Ion Ratio Lower Upper  
63 100  
65 32.6 25.5 38.3  
106 28.8 23.0 34.4

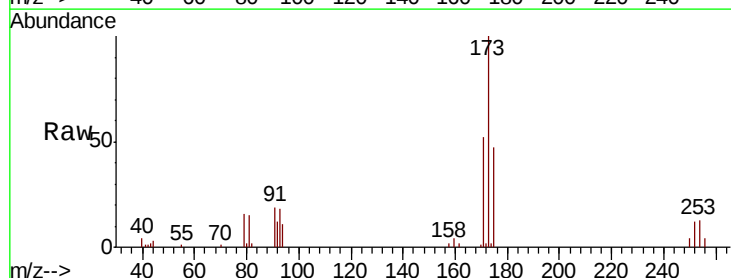


Abundance Ion 63.00 (62.70 to 63.70): VN0  
Ion 65.00 (64.70 to 65.70): VN0  
Ion 106.00 (105.70 to 106.70): VN0

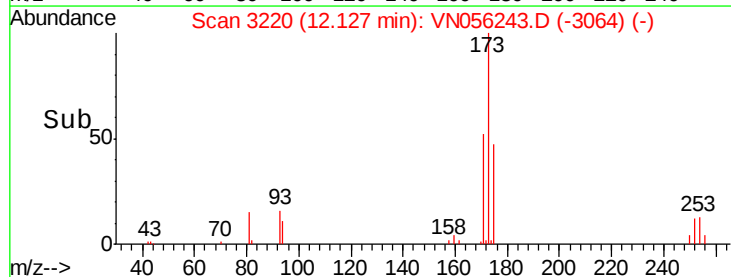
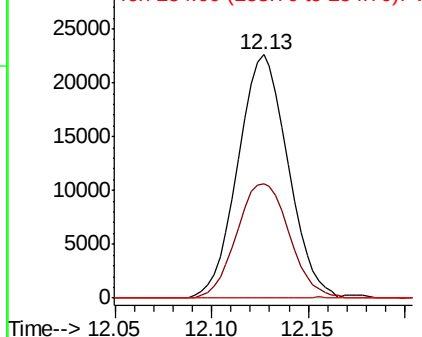


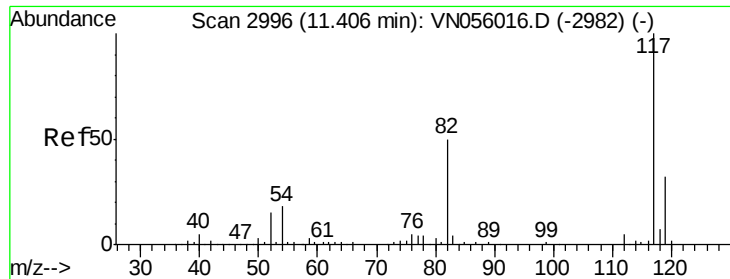
#56  
Bromoform  
Concen: 23.003 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 173 Resp: 40743  
Ion Ratio Lower Upper  
173 100  
175 49.3 38.7 58.1  
254 0.0 6.6 9.8#



Abundance Ion 173.00 (172.70 to 173.70): V  
Ion 175.00 (174.70 to 175.70): V  
Ion 254.00 (253.70 to 254.70): V

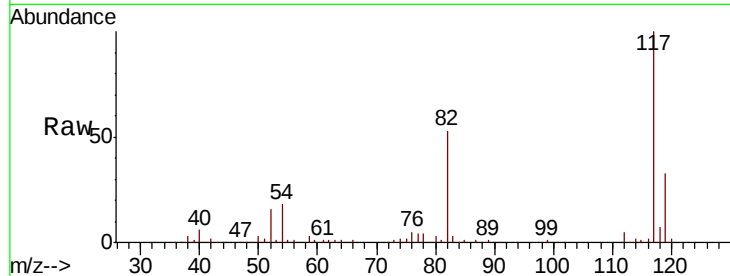




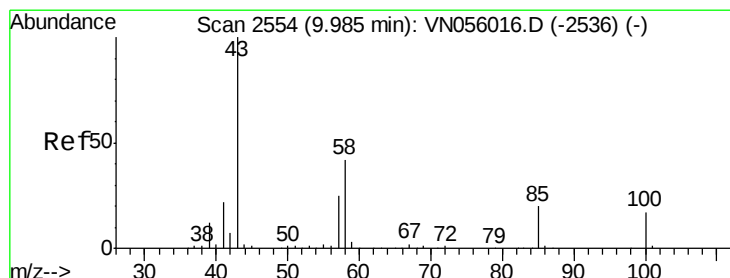
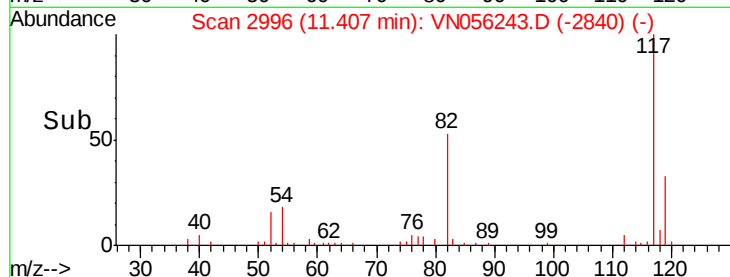
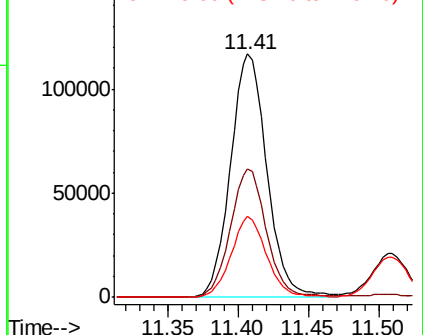
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion:117 Resp: 211137  
Ion Ratio Lower Upper  
117 100  
82 52.3 41.2 61.8  
119 32.3 26.2 39.2

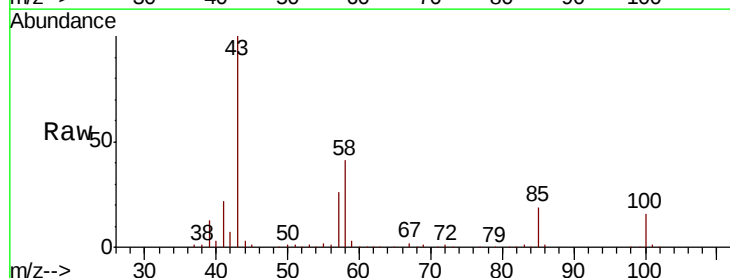


Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 119.00 (118.70 to 119.70): V

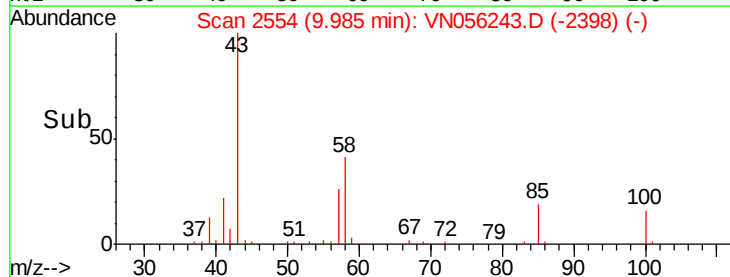
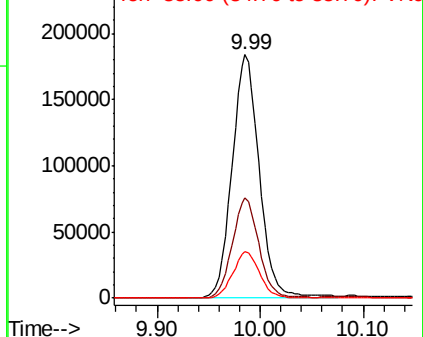


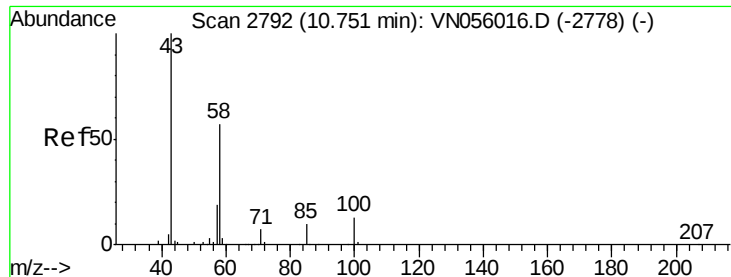
#58  
4-Methyl-2-Pentanone  
Concen: 106.095 ug/l  
RT: 9.99 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 43 Resp: 339202  
Ion Ratio Lower Upper  
43 100  
58 40.0 33.1 49.7  
85 18.7 15.5 23.3



Abundance Ion 43.00 (42.70 to 43.70): VN  
Ion 58.00 (57.70 to 58.70): VN  
Ion 85.00 (84.70 to 85.70): VN

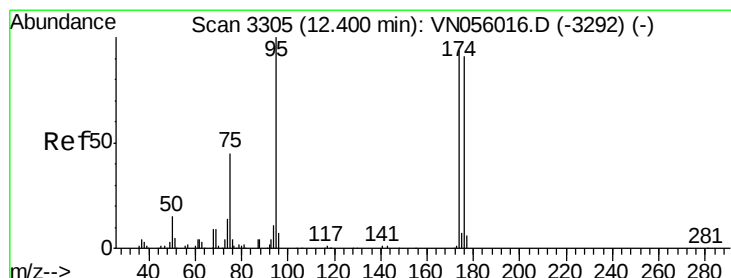
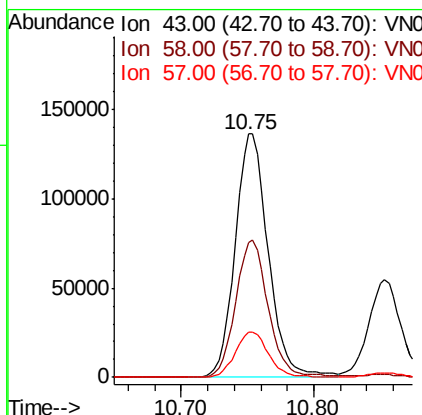
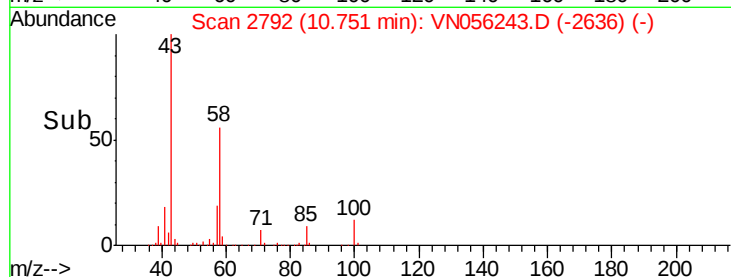
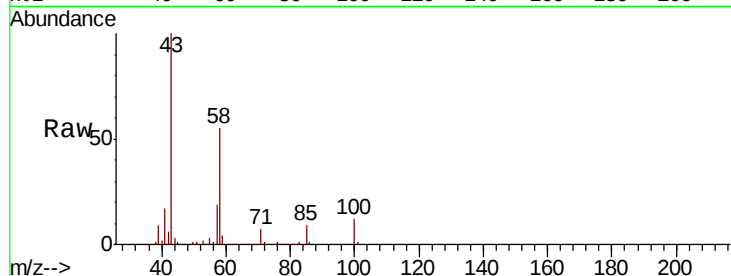




#59  
2-Hexanone  
Concen: 103.568 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

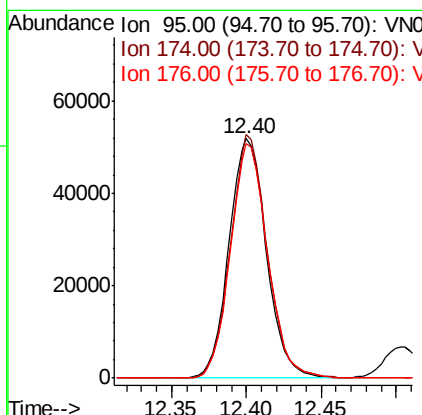
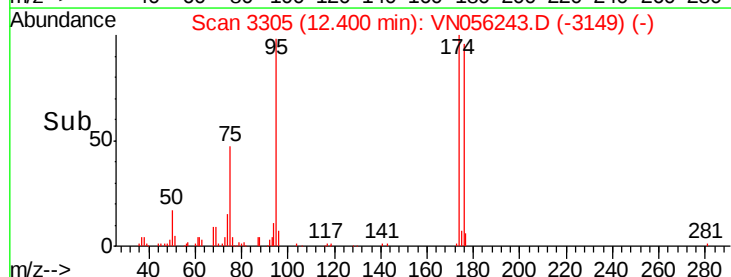
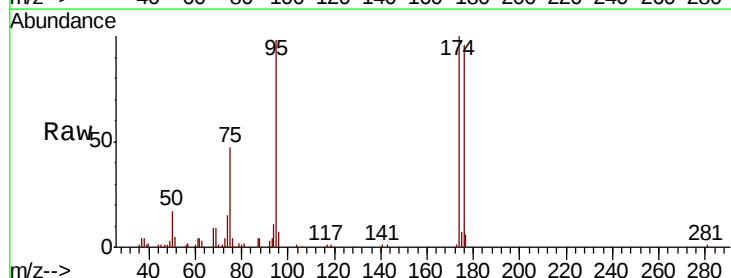
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

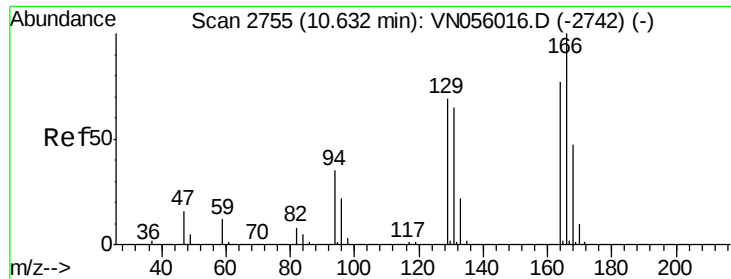
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 55.8  | 45.3  | 67.9  |
| 57      | 18.7  | 15.6  | 23.4  |



#60  
4-Bromofluorobenzene  
Concen: 28.793 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 99.7  | 75.4  | 113.0 |
| 176     | 97.1  | 73.9  | 110.9 |

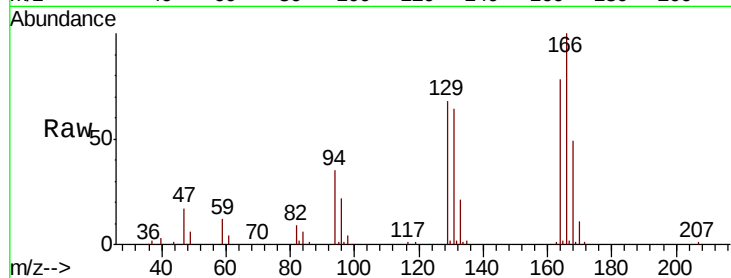




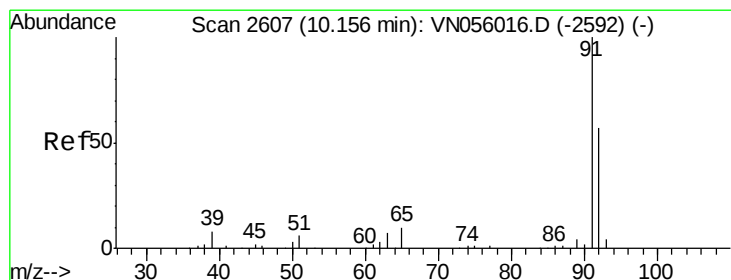
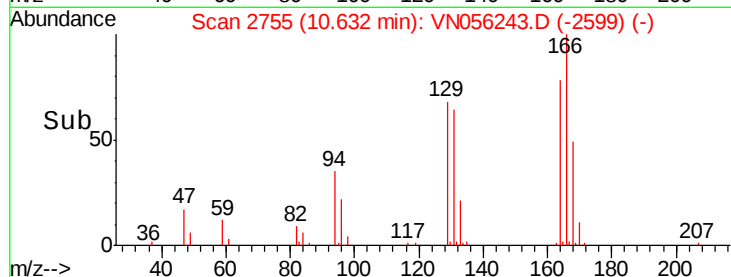
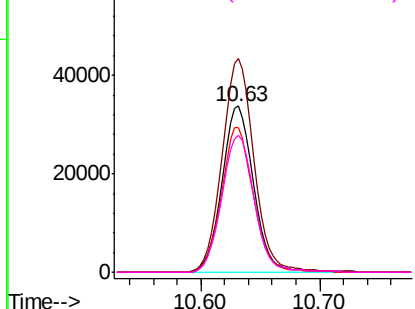
#61  
Tetrachloroethene  
Concen: 21.081 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion:164 Resp: 62035  
Ion Ratio Lower Upper  
164 100  
166 128.7 104.3 156.5  
129 87.5 71.5 107.3  
131 82.3 67.7 101.5

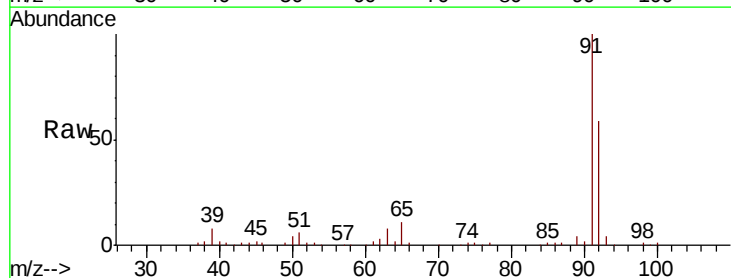


Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.90 (128.60 to 129.60): V  
Ion 130.90 (130.60 to 131.60): V

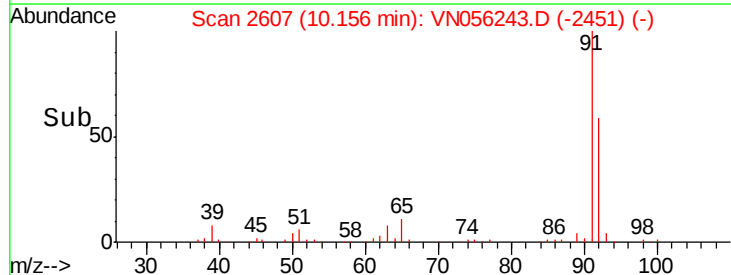
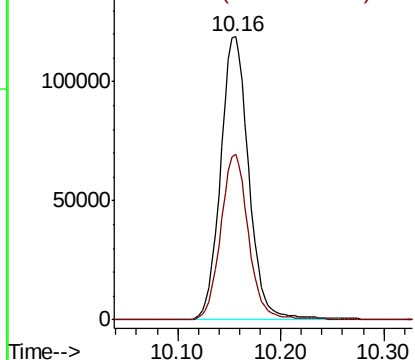


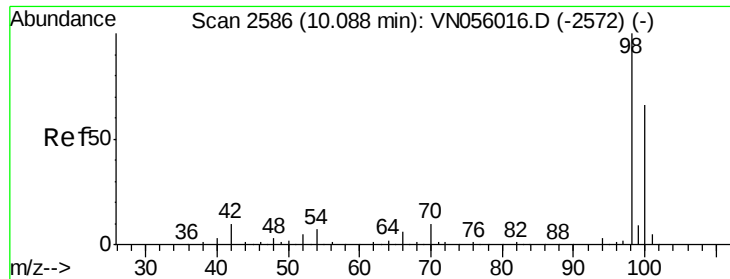
#62  
Toluene  
Concen: 19.927 ug/l  
RT: 10.16 min Scan# 2607  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 91 Resp: 227126  
Ion Ratio Lower Upper  
91 100  
92 57.9 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.044 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

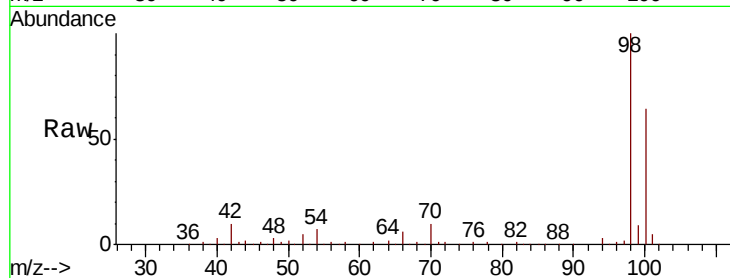
VSTDCCC020EC

Tot Ion: 98 Resp: 287753

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056016.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN056016.D (-2572) (-)

10.09

150000

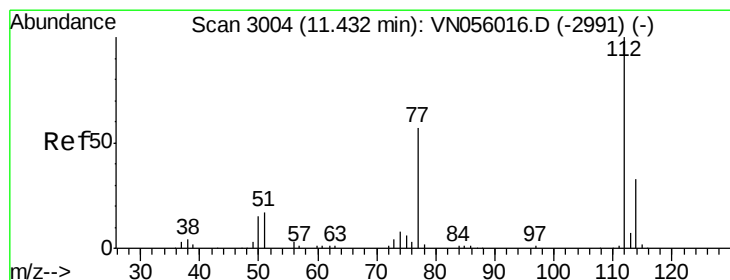
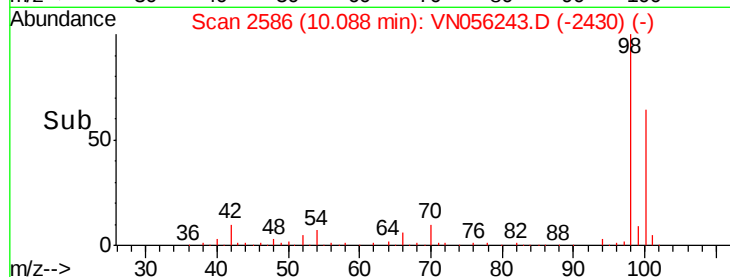
100000

50000

0

10.00 10.10 10.20

Time-->



#64

Chlorobenzene

Concen: 20.420 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056243.D

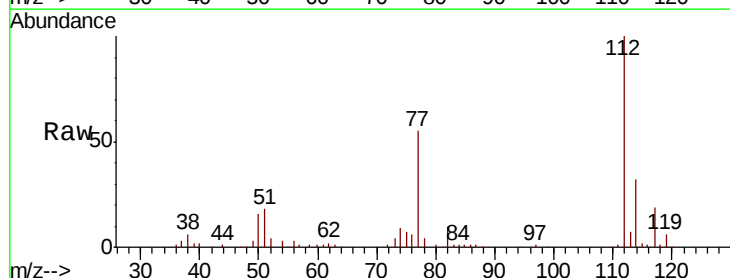
Acq: 12 Jun 2019 12:25

Tgt Ion: 112 Resp: 141176

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): VN056016.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN056016.D (-2991) (-)

11.43

80000

60000

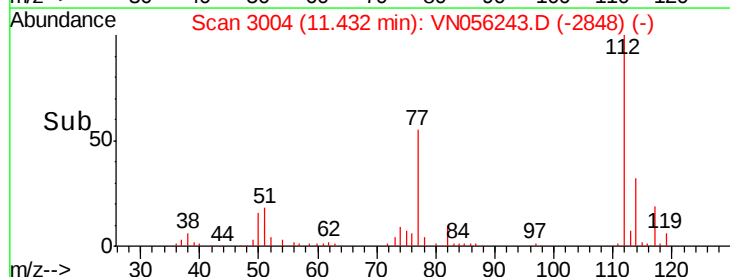
40000

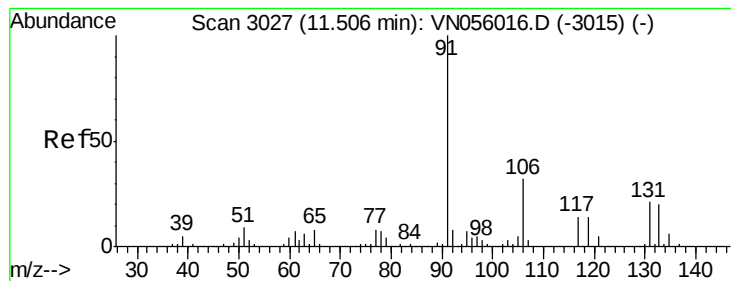
20000

0

11.40 11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 21.288 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

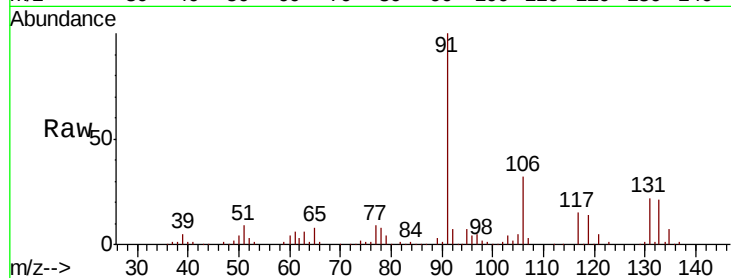
Tot Ion:131 Resp: 53070

Ion Ratio Lower Upper

131 100

133 96.3 0.0 193.8

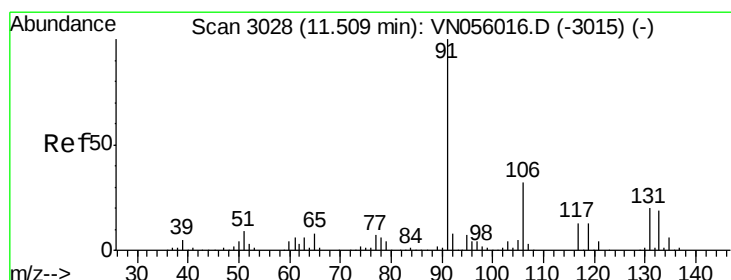
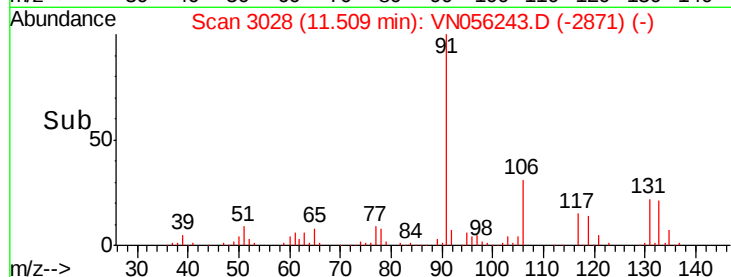
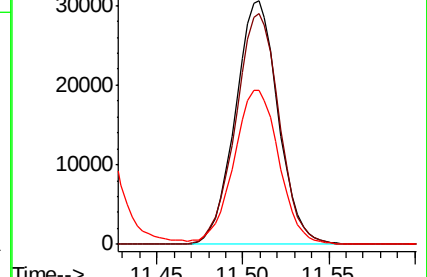
119 66.8 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.437 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056243.D

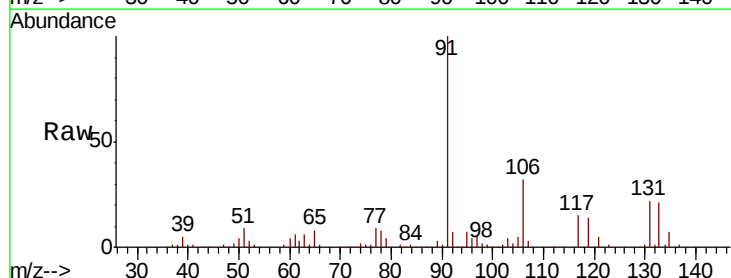
Acq: 12 Jun 2019 12:25

Tgt Ion: 91 Resp: 235968

Ion Ratio Lower Upper

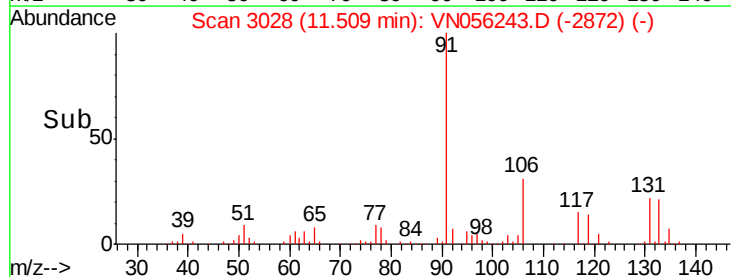
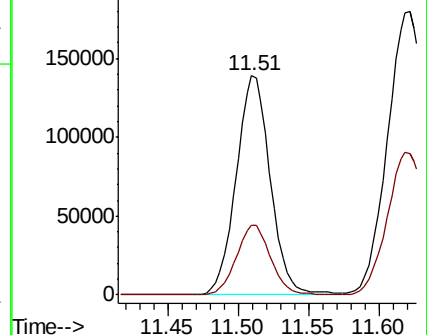
91 100

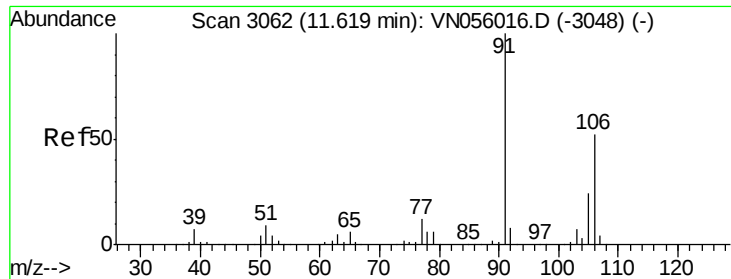
106 31.8 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

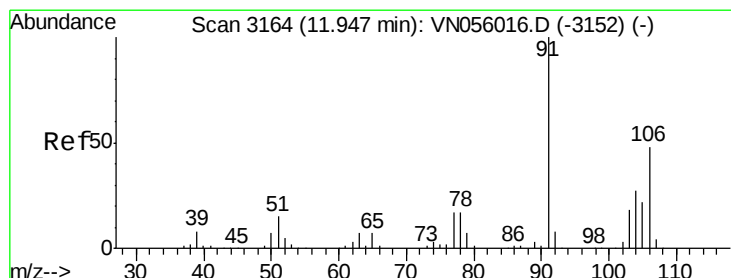
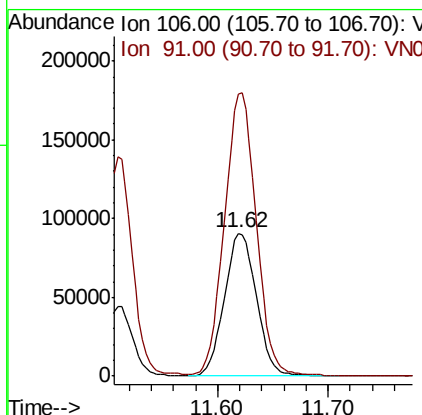
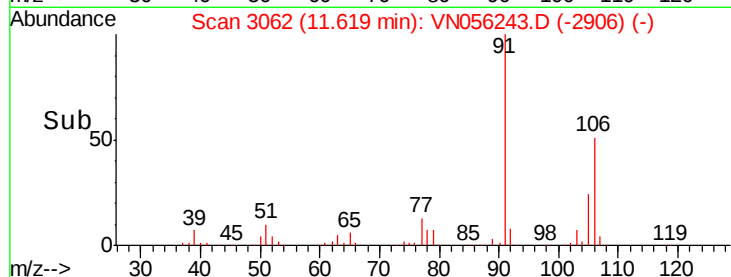
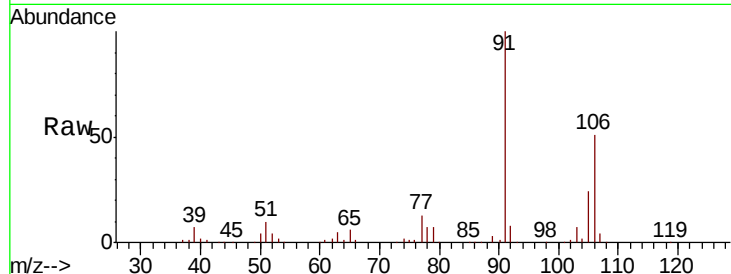




#67  
m/p-Xylenes  
Concen: 39.428 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

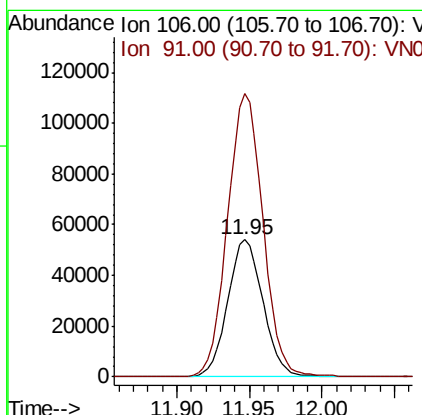
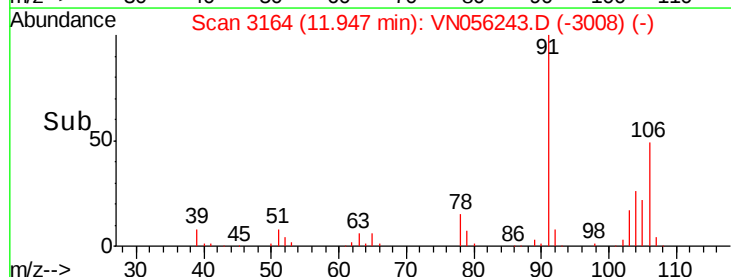
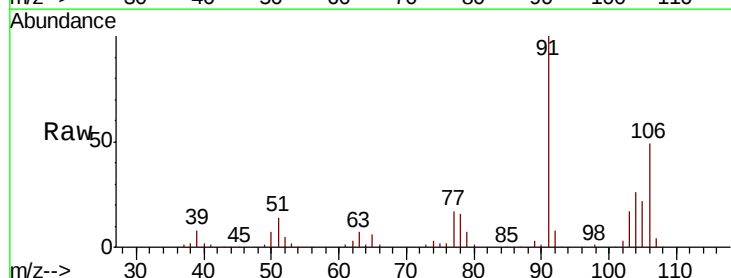
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

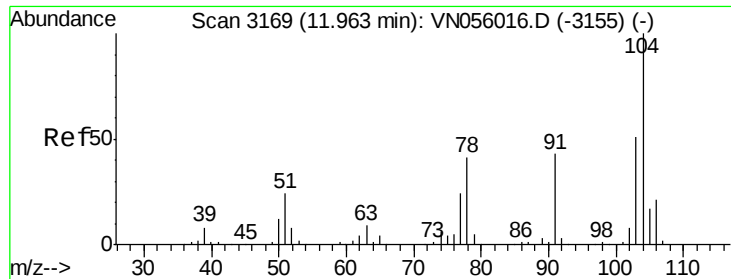
Tot Ion:106 Resp: 183211  
Ion Ratio Lower Upper  
106 100  
91 196.3 155.7 233.5



#68  
o-Xylene  
Concen: 20.088 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion:106 Resp: 91385  
Ion Ratio Lower Upper  
106 100  
91 207.5 103.9 311.7

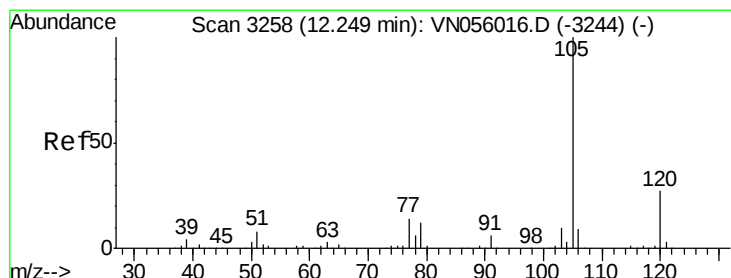
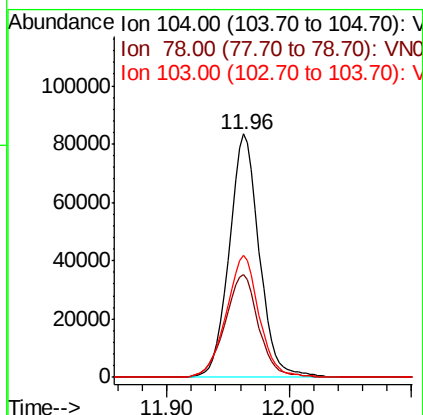
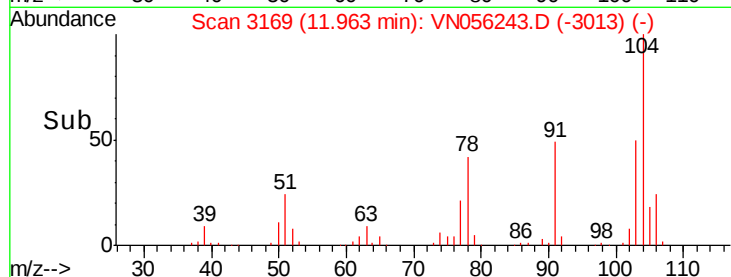
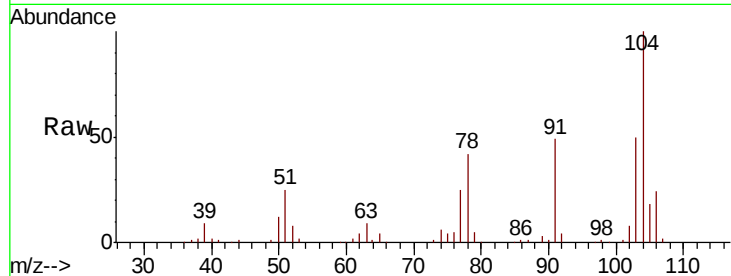




#69  
Stvrene  
Concen: 19.430 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

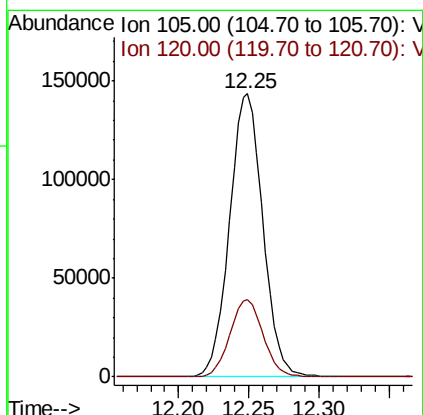
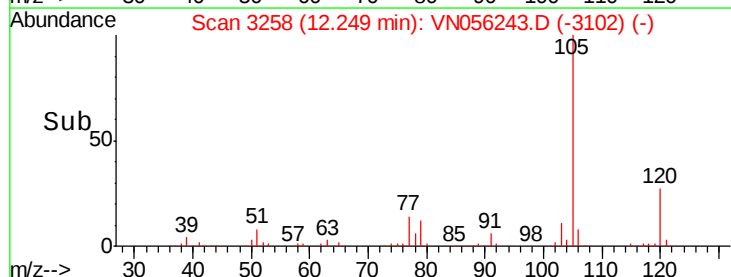
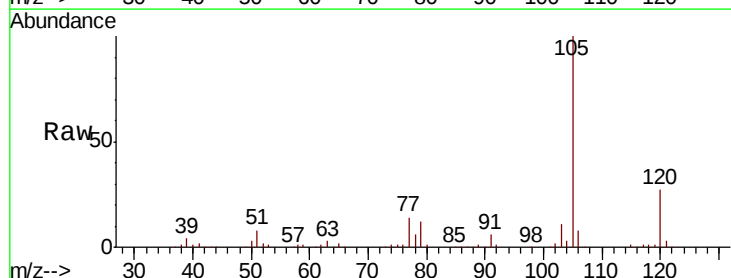
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

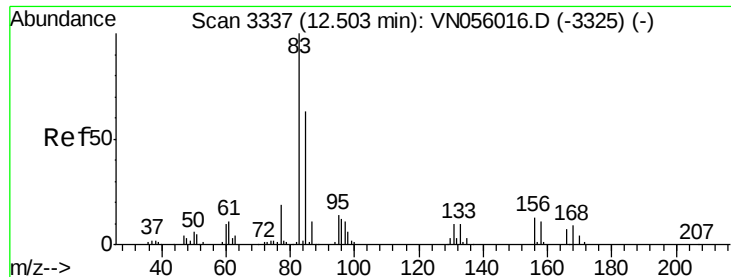
Tot Ion:104 Resp: 143605  
Ion Ratio Lower Upper  
104 100  
78 47.3 37.0 55.6  
103 55.0 44.4 66.6



#70  
Isopropylbenzene  
Concen: 19.958 ug/l  
RT: 12.25 min Scan# 3258  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion:105 Resp: 237219  
Ion Ratio Lower Upper  
105 100  
120 27.3 19.3 35.8

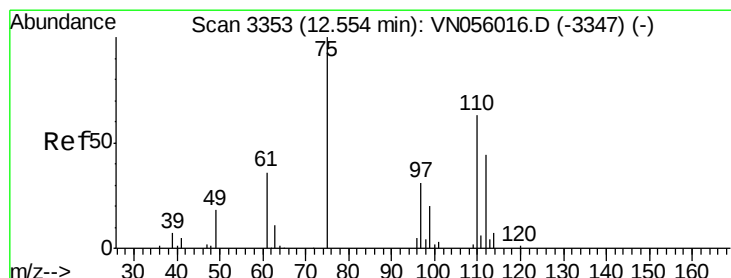
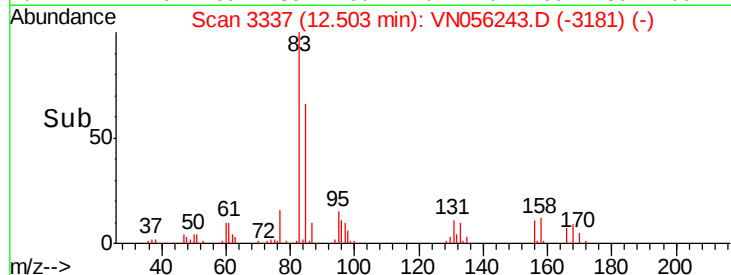
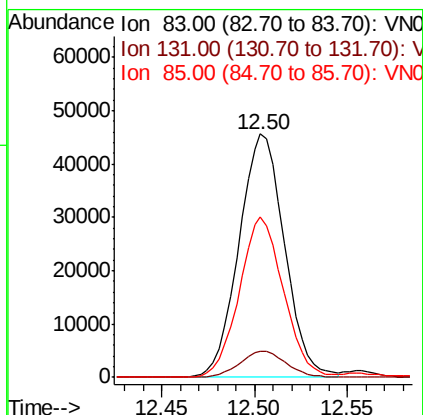
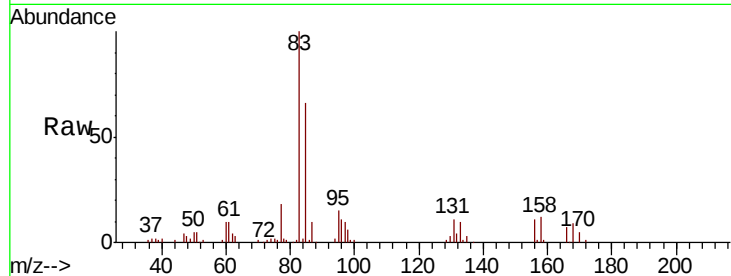




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.688 ug/l  
 RT: 12.50 min Scan# 3337  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

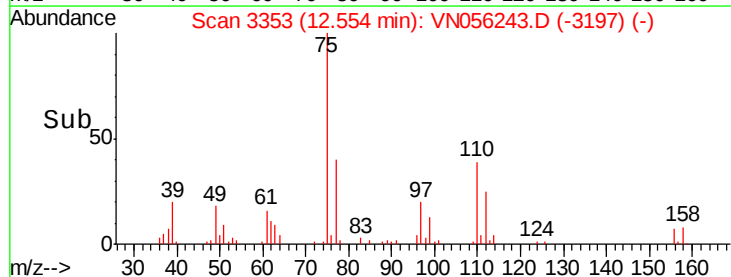
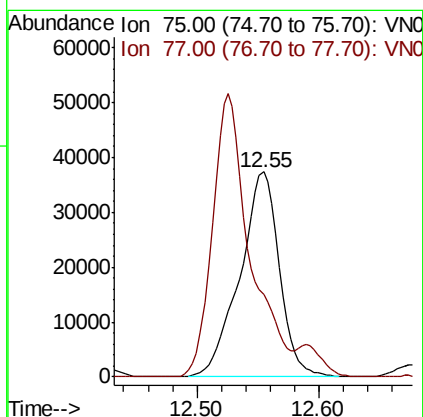
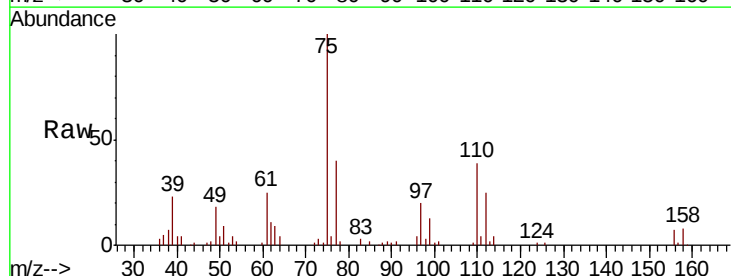
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

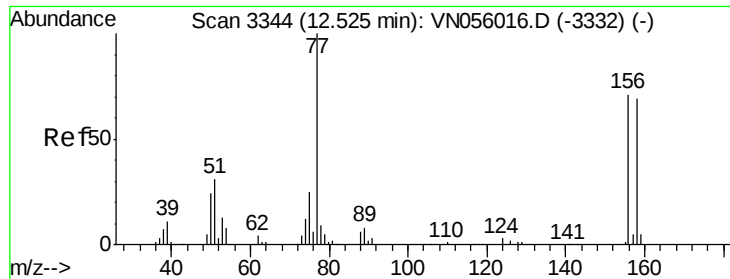
Tot Ion: 83 Resp: 77717  
 Ion Ratio Lower Upper  
 83 100  
 131 11.0 5.2 15.6  
 85 64.0 31.6 94.7



#72  
 1,2,3-Trichloropropane  
 Concen: 26.929 ug/l  
 RT: 12.55 min Scan# 3353  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion: 75 Resp: 83538  
 Ion Ratio Lower Upper  
 75 100  
 77 131.9 0.0 350.0





#73

Bromobenzene

Concen: 20.634 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

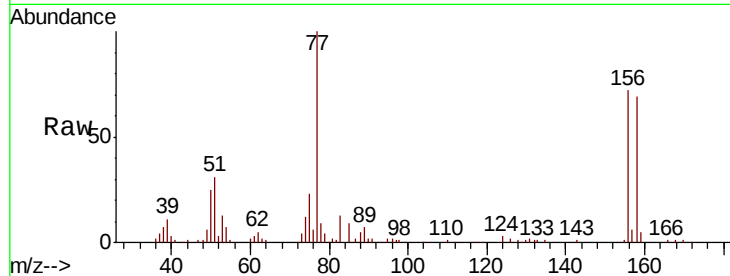
Tot Ion:156 Resp: 65098

Ion Ratio Lower Upper

156 100

77 169.2 0.0 350.8

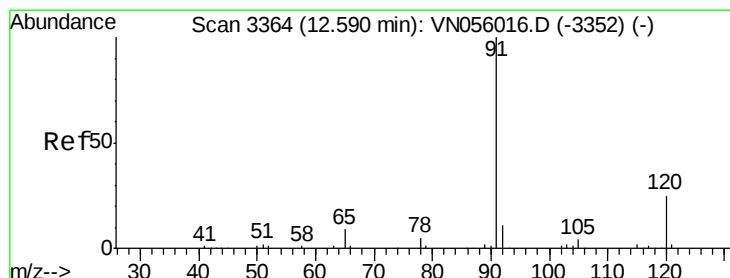
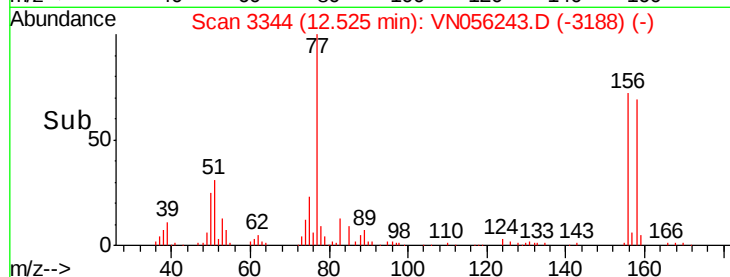
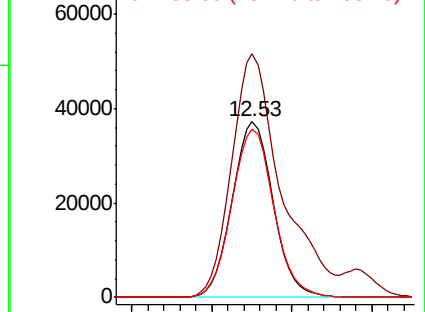
158 98.0 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.298 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056243.D

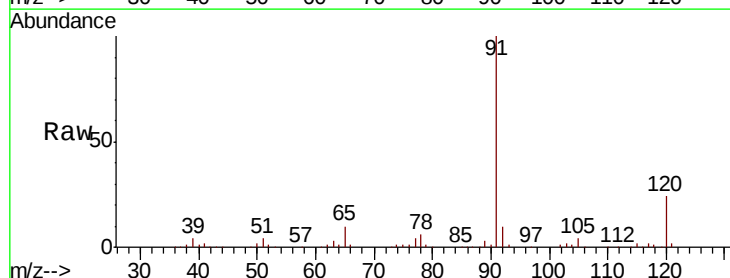
Acq: 12 Jun 2019 12:25

Tgt Ion: 91 Resp: 242050

Ion Ratio Lower Upper

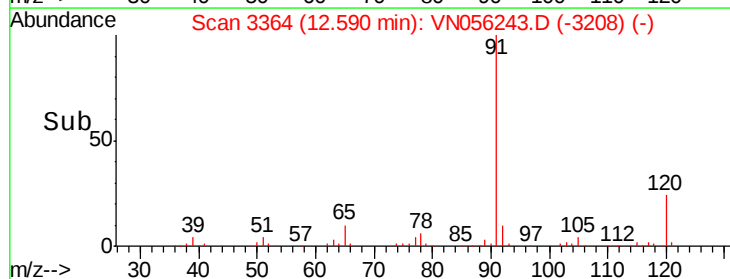
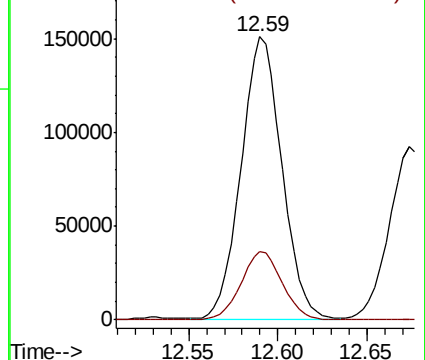
91 100

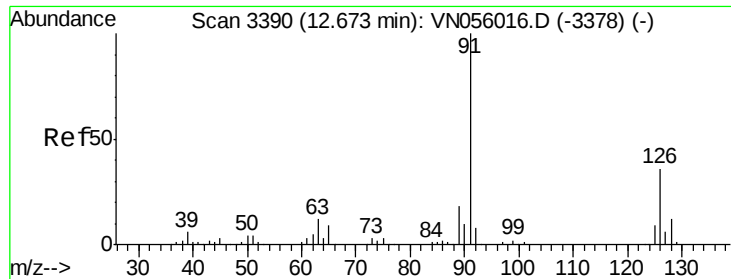
120 24.2 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.019 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

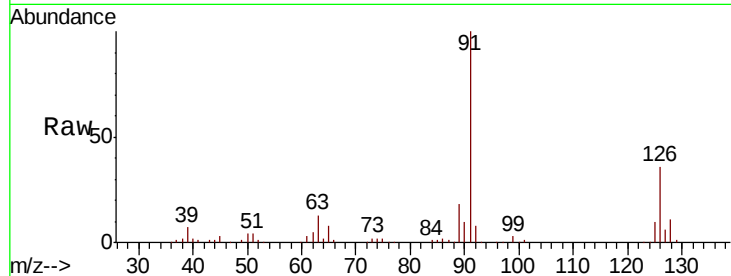
VSTDCCC020EC

Tot Ion: 91 Resp: 155747

Ion Ratio Lower Upper

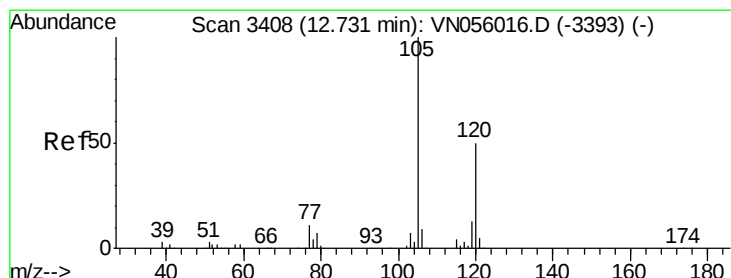
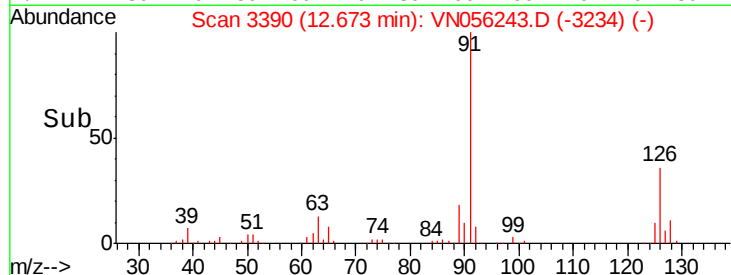
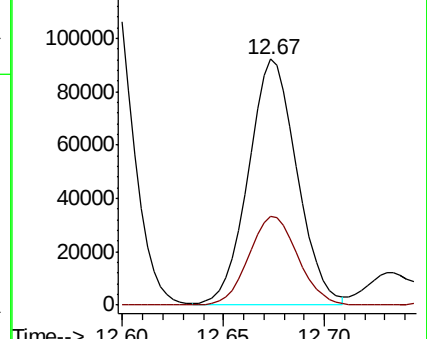
91 100

126 36.4 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056016.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN056016.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.843 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056243.D

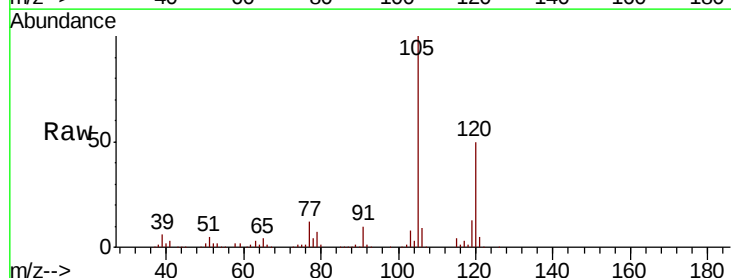
Acq: 12 Jun 2019 12:25

Tgt Ion: 105 Resp: 194002

Ion Ratio Lower Upper

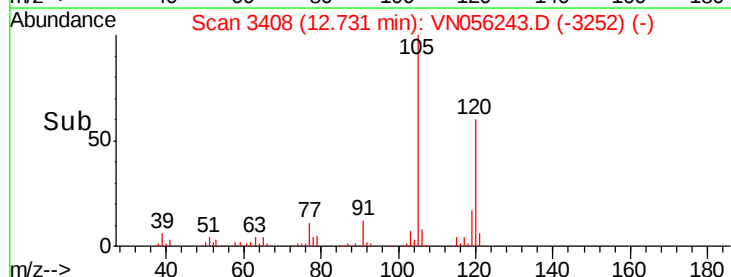
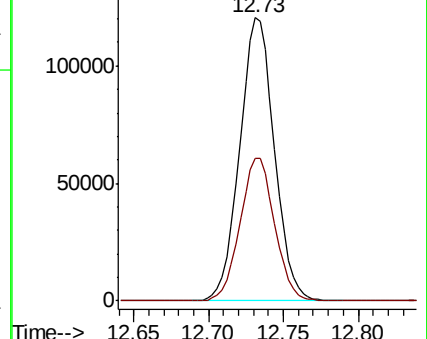
105 100

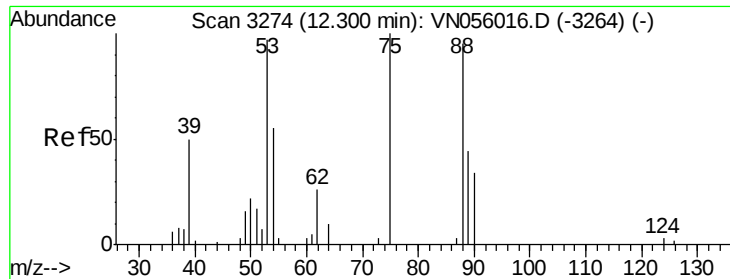
120 50.3 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056016.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN056016.D (-3393) (-)

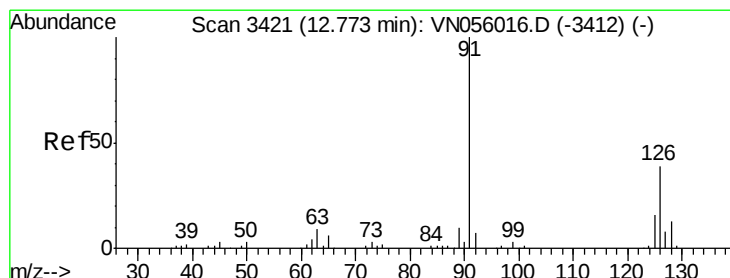
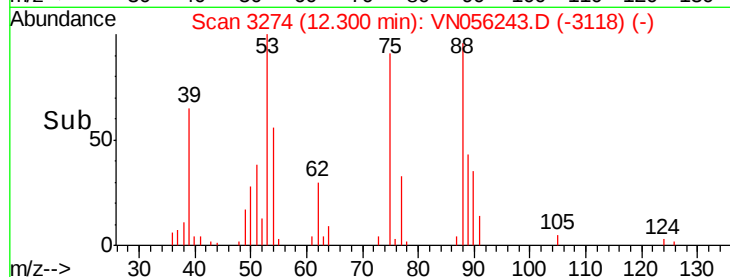
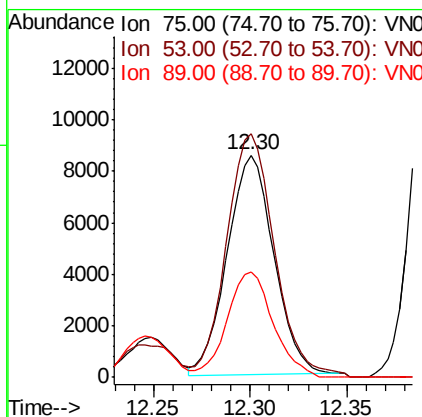
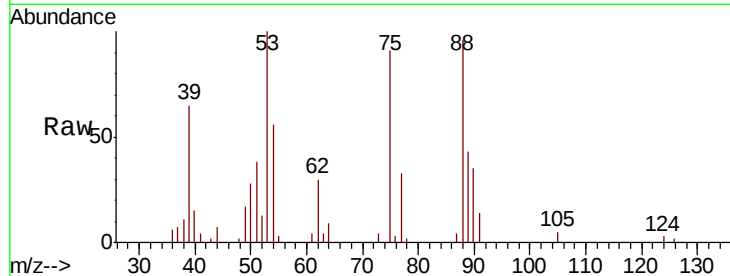




#77  
t-1,4-Dichloro-2-butene  
Concen: 16.133 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

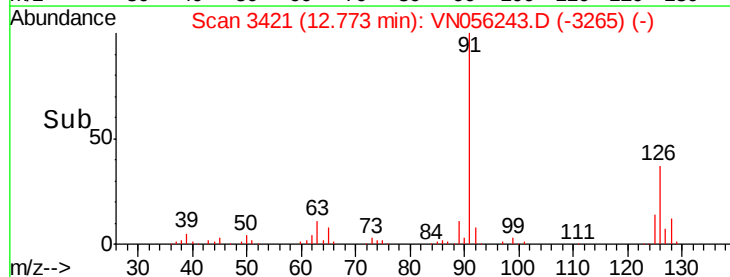
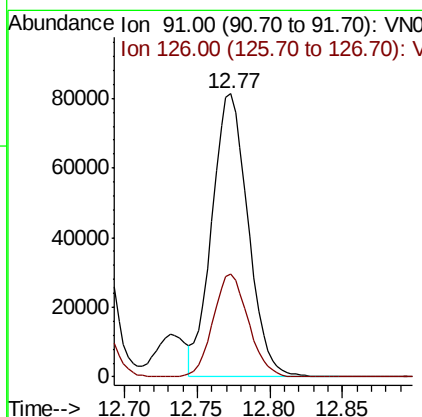
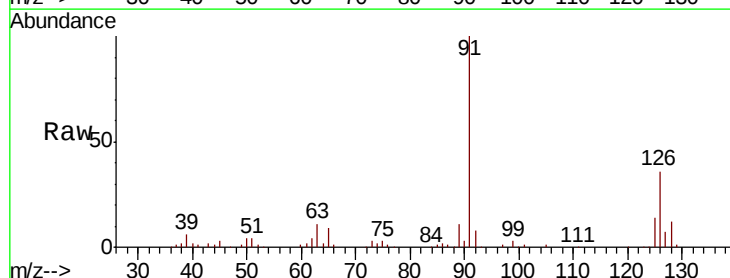
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

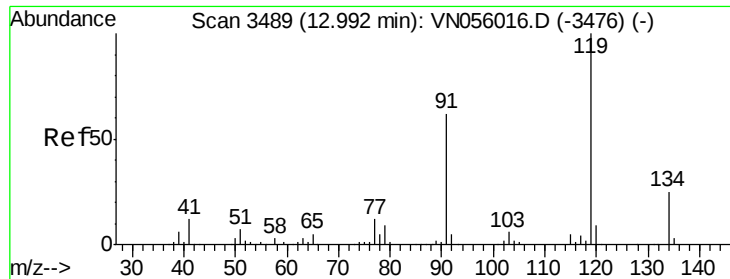
Tot Ion: 75 Resp: 14280  
Ion Ratio Lower Upper  
75 100  
53 108.9 48.0 144.0  
89 48.4 22.5 67.5



#78  
4-Chlorotoluene  
Concen: 19.369 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion: 91 Resp: 140730  
Ion Ratio Lower Upper  
91 100  
126 35.5 0.0 71.8

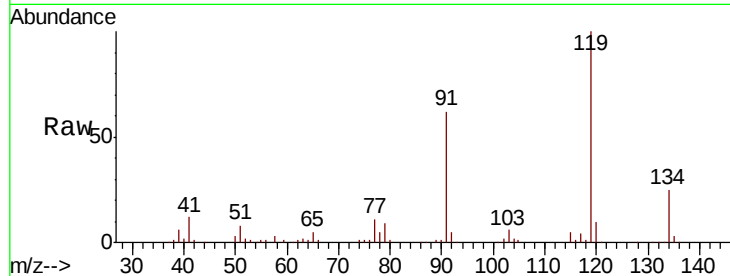




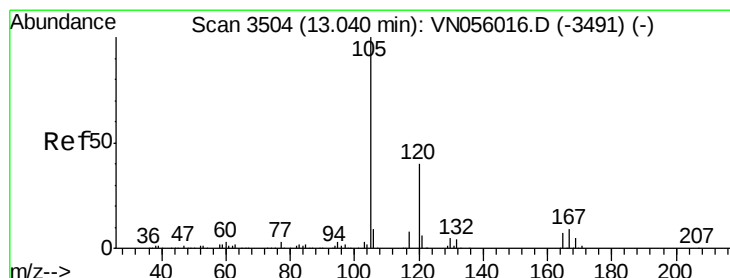
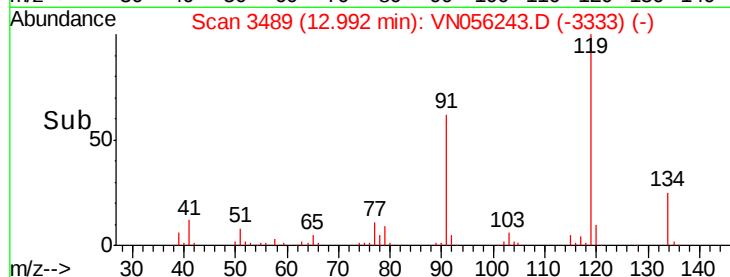
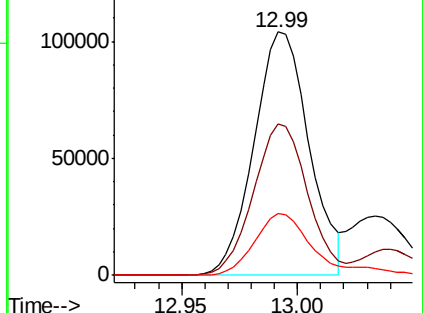
#79  
tert-butylbenzene  
Concen: 19.885 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC020EC

Tot Ion:119 Resp: 172241  
Ion Ratio Lower Upper  
119 100  
91 61.4 0.0 122.8  
134 25.2 0.0 50.2

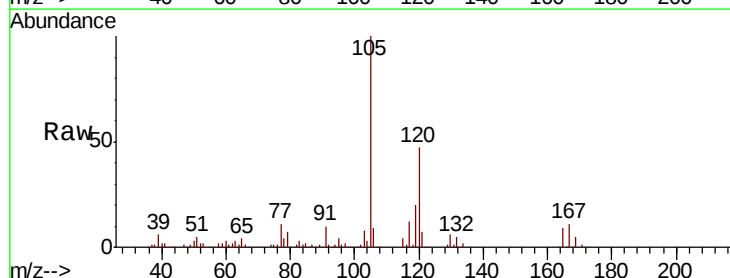


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

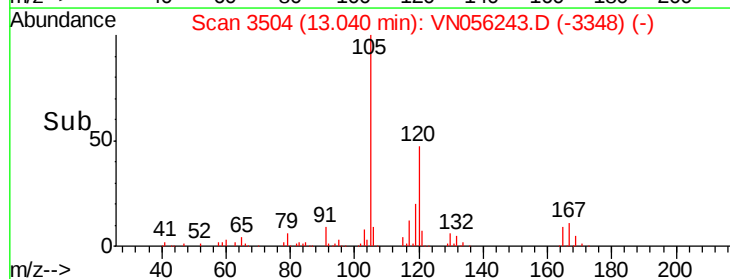
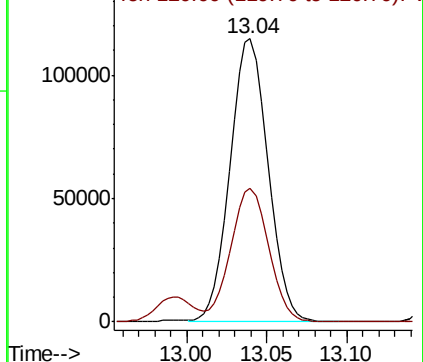


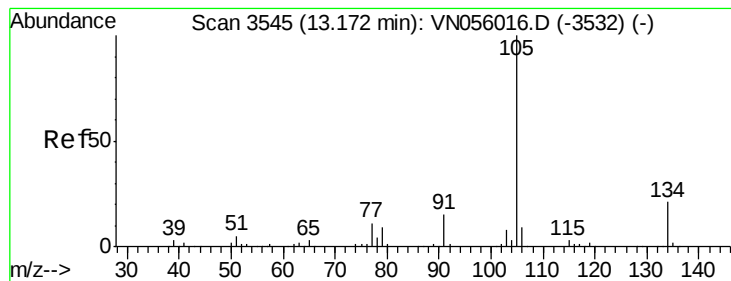
#80  
1,2,4-Trimethylbenzene  
Concen: 19.521 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN056243.D  
Acq: 12 Jun 2019 12:25

Tgt Ion:105 Resp: 185657  
Ion Ratio Lower Upper  
105 100  
120 47.4 0.0 93.4



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





#81

sec-Butylbenzene

Concen: 19.786 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

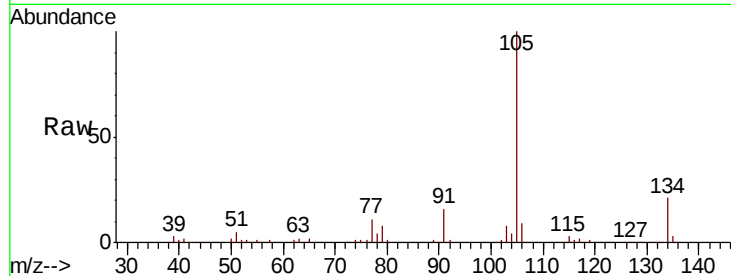
VSTDCCC020EC

Tot Ion:105 Resp: 216809

Ion Ratio Lower Upper

105 100

134 20.8 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

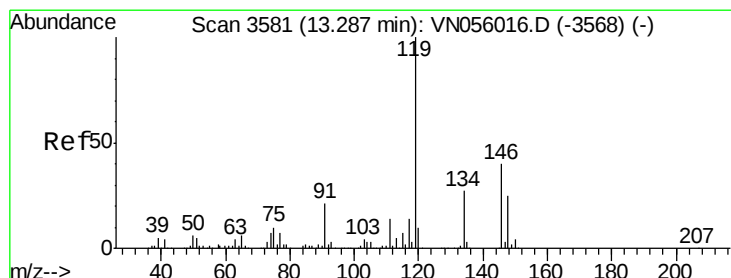
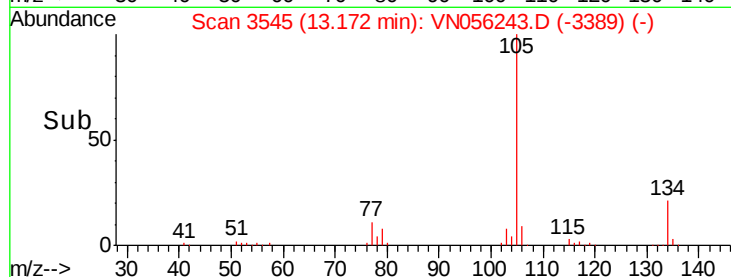
150000

100000

50000

0

Time--> 13.10 13.15 13.20



#82

p-Isopropyltoluene

Concen: 19.440 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

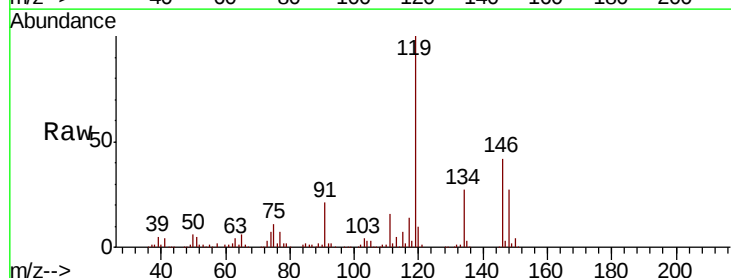
Tgt Ion:119 Resp: 192588

Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.4

91 21.2 0.0 43.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

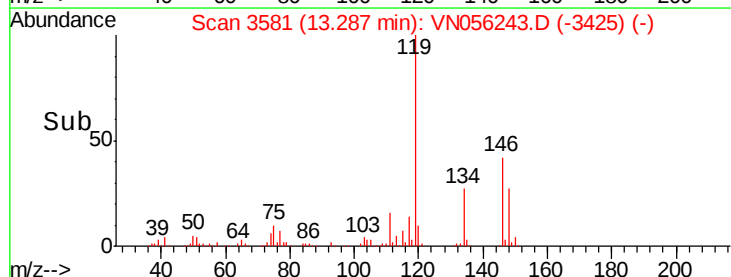
150000

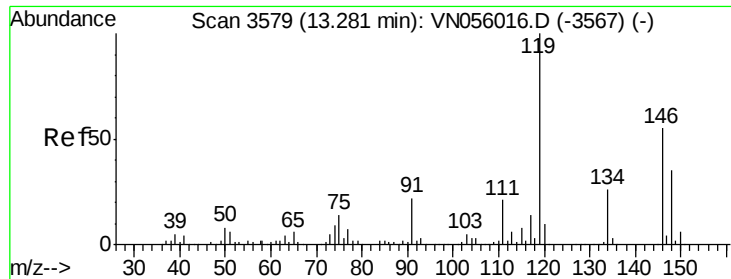
100000

50000

0

Time--> 13.25 13.30 13.35

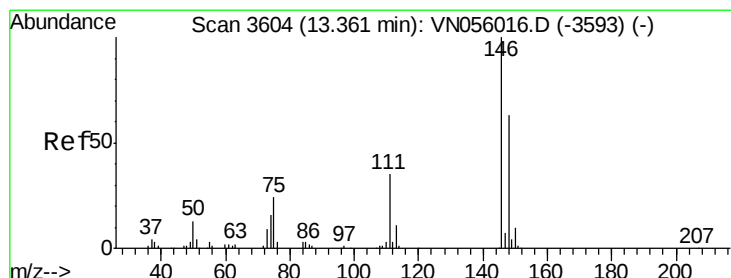
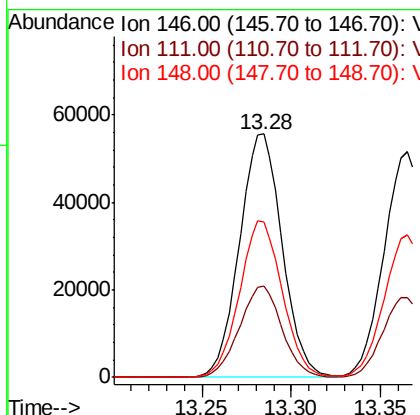
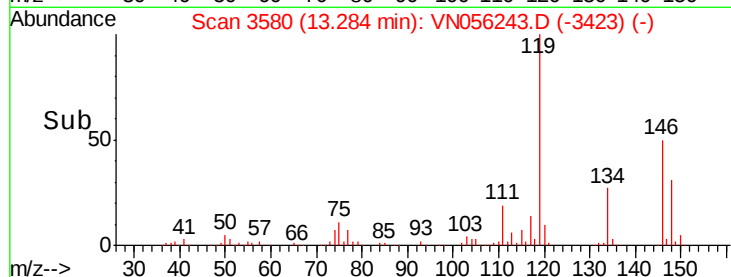
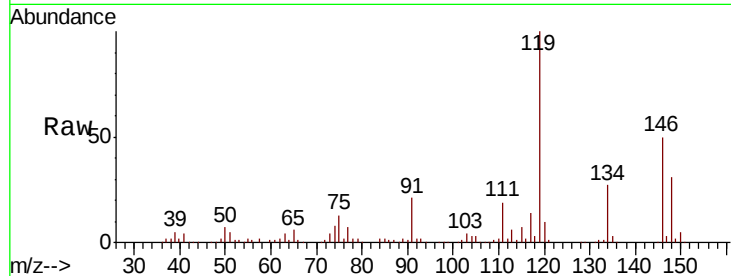




#83  
 1,3-Dichlorobenzene  
 Concen: 18.919 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

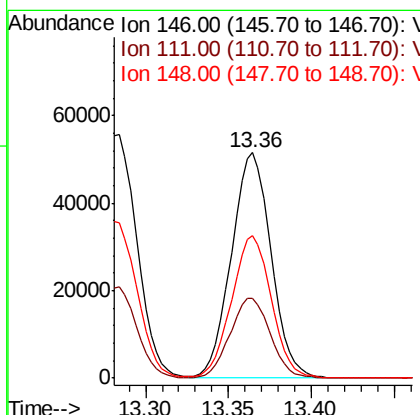
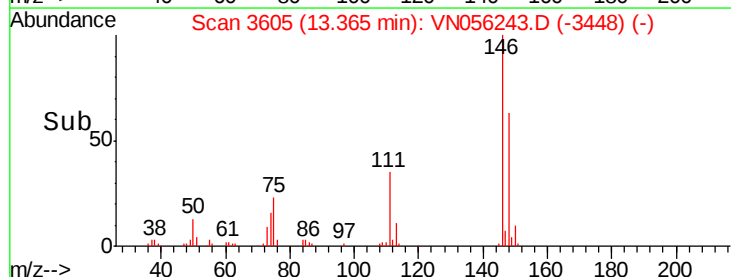
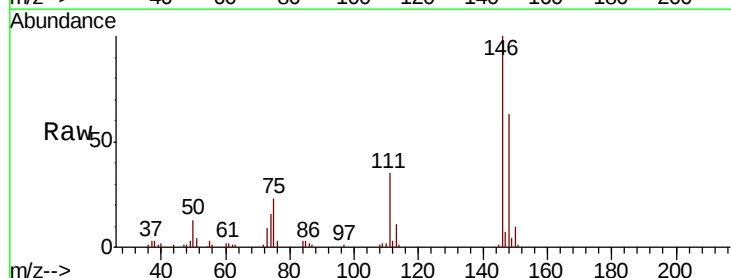
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

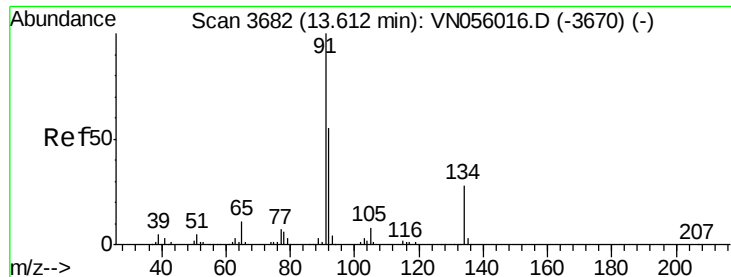
Tot Ion:146 Resp: 93014  
 Ion Ratio Lower Upper  
 146 100  
 111 37.2 18.2 54.6  
 148 64.2 31.9 95.9



#84  
 1,4-Dichlorobenzene  
 Concen: 18.396 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion:146 Resp: 86155  
 Ion Ratio Lower Upper  
 146 100  
 111 35.8 17.6 52.9  
 148 63.1 32.1 96.3





#85

n-Butylbenzene

Concen: 16.835 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

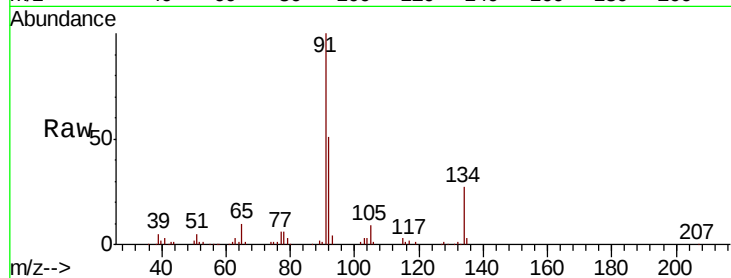
Tot Ion: 91 Resp: 124479

Ion Ratio Lower Upper

91 100

92 51.2 0.0 107.2

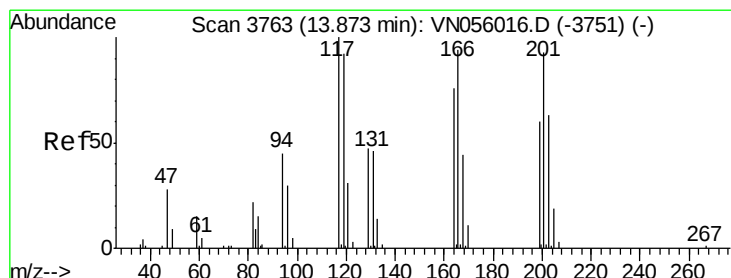
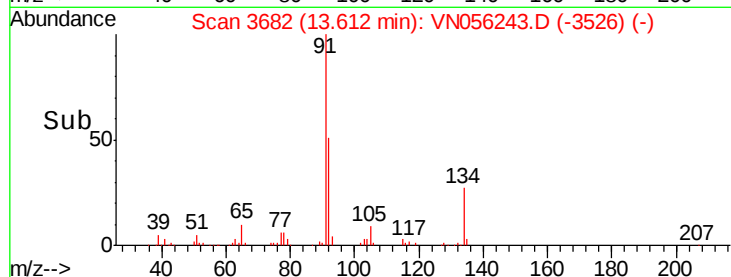
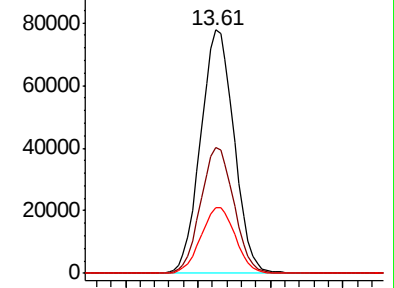
134 27.5 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN056016.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN056016.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN056016.D (-3670) (-)



#86

Hexachloroethane

Concen: 20.809 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056243.D

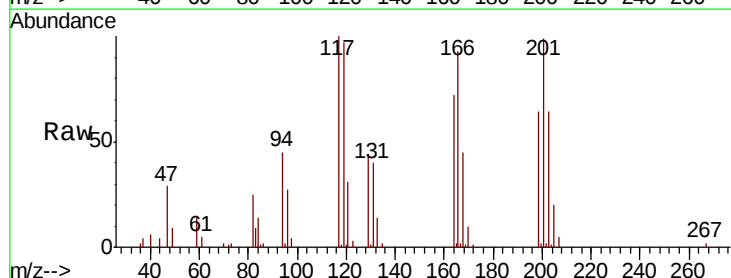
Acq: 12 Jun 2019 12:25

Tgt Ion: 117 Resp: 32139

Ion Ratio Lower Upper

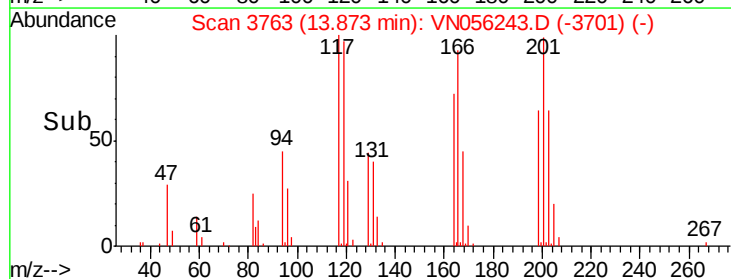
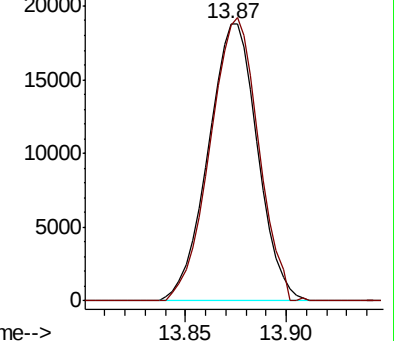
117 100

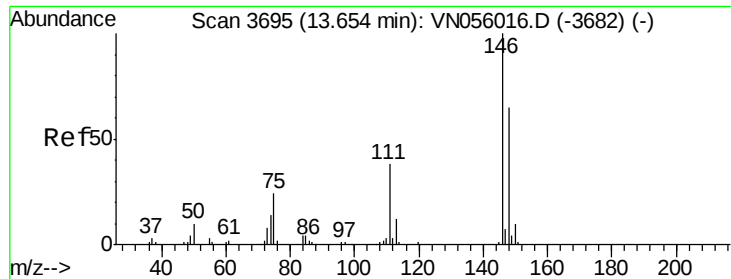
201 100.1 48.1 144.4



Abundance Ion 117.00 (116.70 to 117.70): VN056016.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056016.D (-3751) (-)

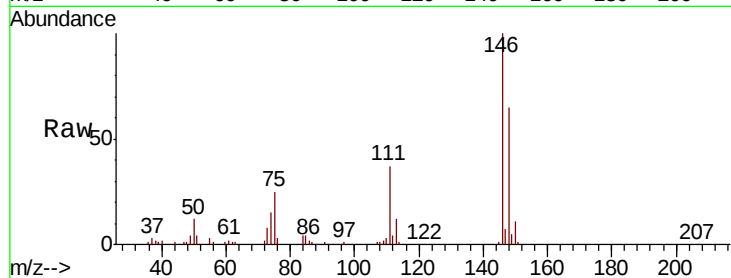




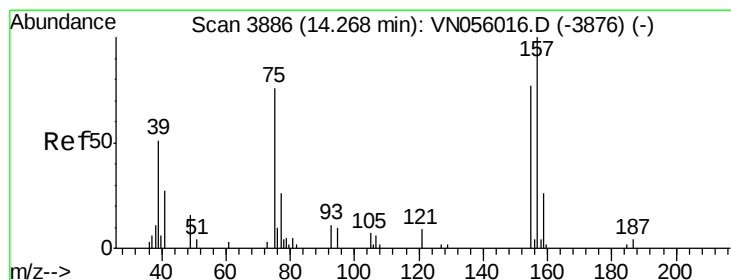
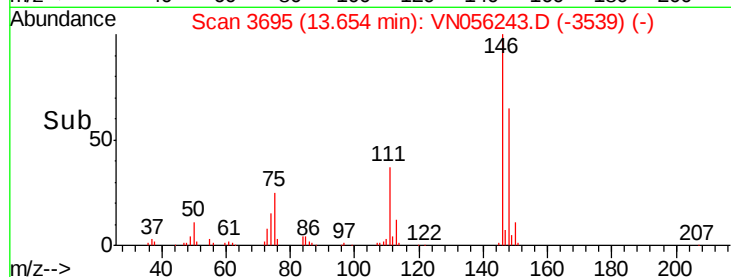
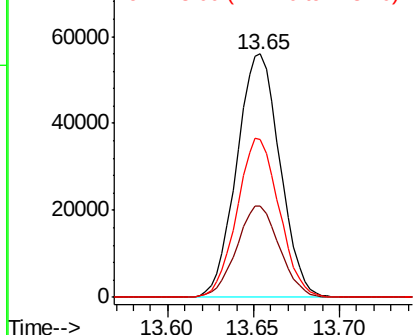
#87  
 1,2-Dichlorobenzene  
 Concen: 19.540 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

Tot Ion:146 Resp: 97653  
 Ion Ratio Lower Upper  
 146 100  
 111 37.1 19.3 57.9  
 148 63.6 32.6 97.8

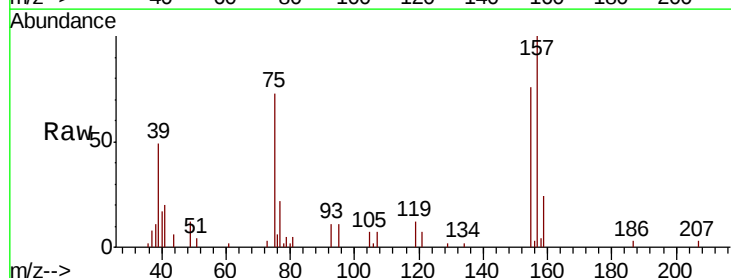


Abundance Ion 146.00 (145.70 to 146.70): V  
 Ion 111.00 (110.70 to 111.70): V  
 Ion 148.00 (147.70 to 148.70): V

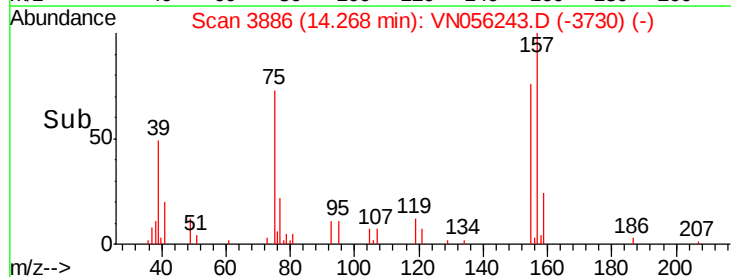
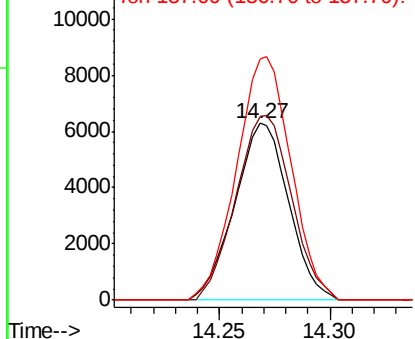


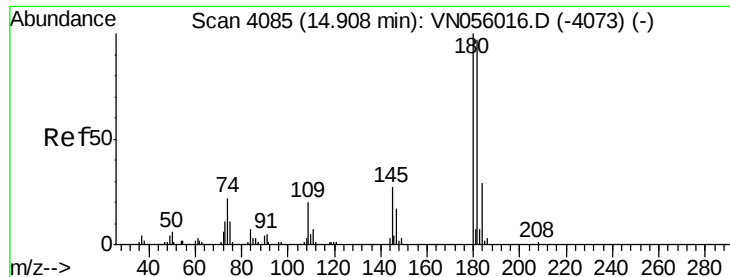
#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.942 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion: 75 Resp: 10655  
 Ion Ratio Lower Upper  
 75 100  
 155 107.7 82.5 123.7  
 157 138.5 105.1 157.7



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 155.00 (154.70 to 155.70): V  
 Ion 157.00 (156.70 to 157.70): V

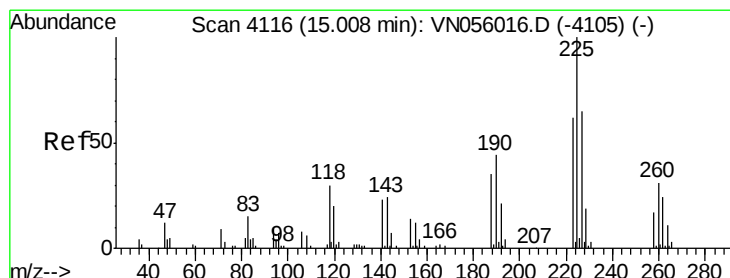
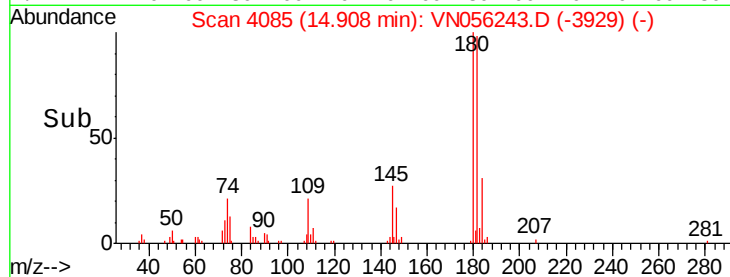
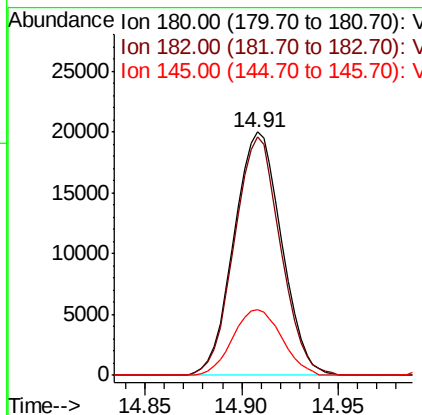
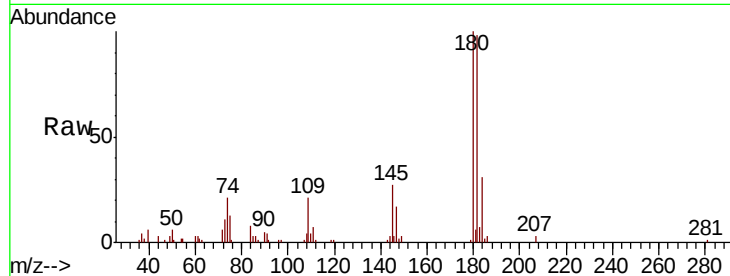




#89  
 1,2,4-Trichlorobenzene  
 Concen: 18.322 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

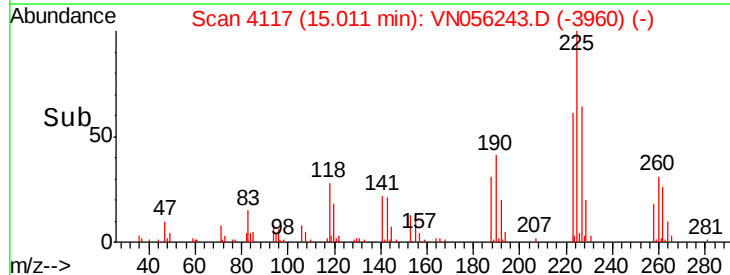
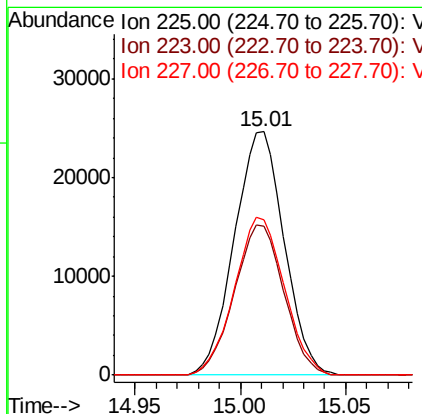
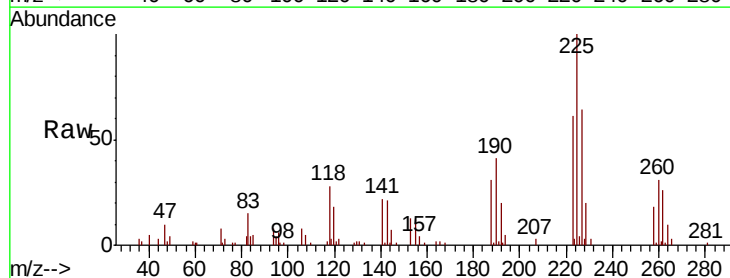
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC020EC

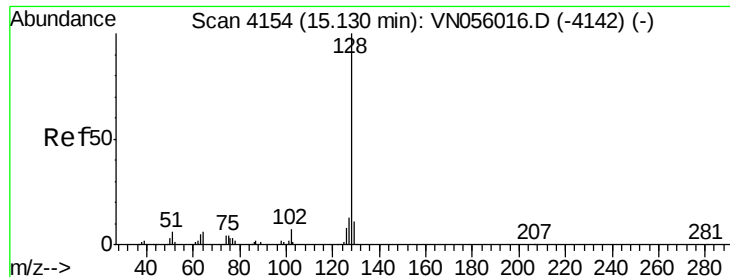
Tot Ion:180 Resp: 34238  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 75.0 112.6  
 145 27.9 22.1 33.1



#90  
 Hexachlorobutadiene  
 Concen: 22.159 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN056243.D  
 Acq: 12 Jun 2019 12:25

Tgt Ion:225 Resp: 40427  
 Ion Ratio Lower Upper  
 225 100  
 223 61.3 0.0 125.6  
 227 64.8 0.0 128.6





#91

Naphthalene

Concen: 13.122 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC020EC

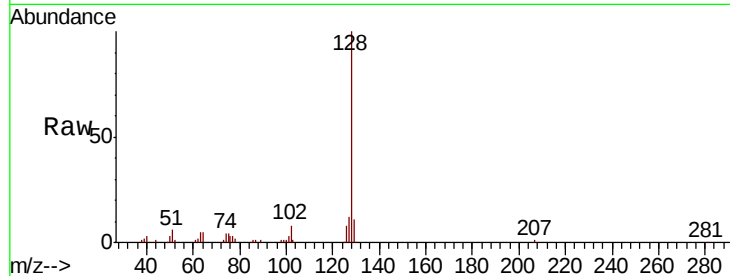
Tot Ion:128 Resp: 87092

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

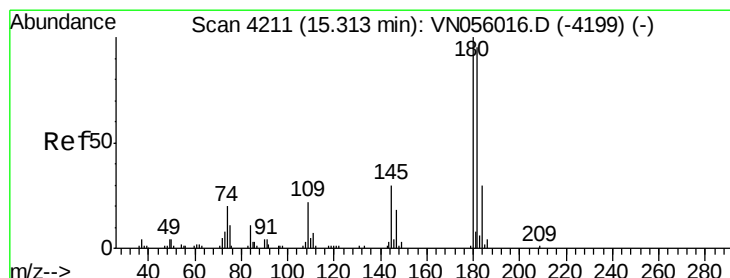
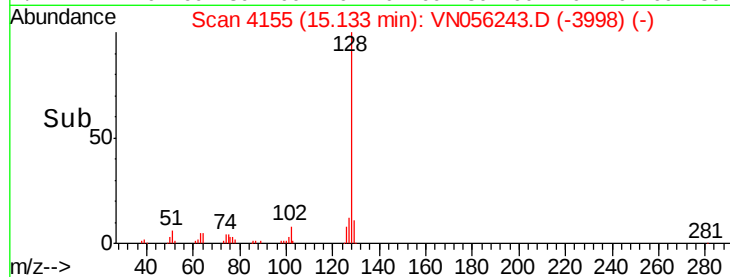
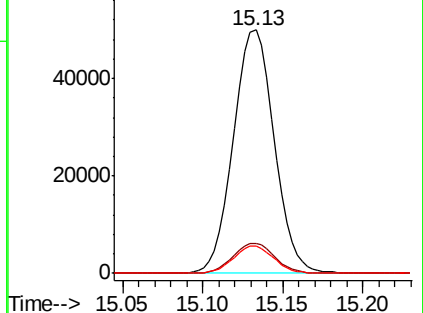
129 10.8 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 16.062 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

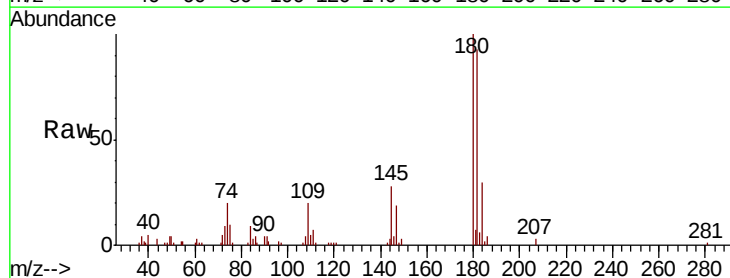
Tgt Ion:180 Resp: 42017

Ion Ratio Lower Upper

180 100

182 95.6 0.0 193.4

145 29.2 0.0 59.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

