

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\  
 Data File : VN064367.D  
 Acq On : 29 Oct 2020 12:31  
 Operator : JC/MD  
 Sample : VN1029WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

Quant Time: Oct 30 05:29:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 12:23:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 282204   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 460907   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 417297   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 188561   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.98   | 65  | 219667   | 48.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.88%  |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 159320   | 51.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.66% |      |
| 50) Toluene-d8            | 10.06  | 98  | 554964   | 48.81 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.62%  |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 218492   | 49.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.58%  |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 58350  | 17.987 | ug/l   | 95     |
| 3) Chloromethane              | 2.04 | 50  | 57916  | 16.516 | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 60532  | 17.846 | ug/l   | 93     |
| 5) Bromomethane               | 2.53 | 94  | 36387  | 16.602 | ug/l   | 91     |
| 6) Chloroethane               | 2.67 | 64  | 38162  | 18.829 | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 108039 | 19.013 | ug/l   | 97     |
| 8) Diethyl Ether              | 3.37 | 74  | 33215  | 18.478 | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 51992  | 18.205 | ug/l   | 96     |
| 10) Methyl Iodide             | 3.91 | 142 | 55787  | 14.638 | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.73 | 59  | 57146  | 86.805 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 50963  | 18.902 | ug/l   | 96     |
| 13) Acrolein                  | 3.57 | 56  | 9340   | 78.434 | ug/l   | 95     |
| 14) Allyl chloride            | 4.27 | 41  | 92673  | 16.834 | ug/l   | 94     |
| 15) Acrylonitrile             | 4.93 | 53  | 132399 | 93.521 | ug/l   | 99     |
| 16) Acetone                   | 3.77 | 43  | 140125 | 85.807 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.01 | 76  | 135758 | 17.019 | ug/l   | 97     |
| 18) Methyl Acetate            | 4.27 | 43  | 61623  | 18.089 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 195150 | 18.838 | ug/l   | 100    |
| 20) Methylene Chloride        | 4.51 | 84  | 60781  | 18.898 | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 54458  | 18.106 | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.90 | 45  | 197541 | 18.358 | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.84 | 43  | 863038 | 94.802 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 112605 | 18.701 | ug/l   | 98     |
| 25) 2-Butanone                | 6.78 | 43  | 199560 | 87.641 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 104169 | 17.677 | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 63701  | 18.507 | ug/l   | 96     |
| 28) Bromochloromethane        | 7.15 | 49  | 50421  | 17.576 | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 126979 | 85.899 | ug/l   | 98     |
| 30) Chloroform                | 7.33 | 83  | 117716 | 18.316 | ug/l   | 98     |
| 31) Cyclohexane               | 7.61 | 56  | 87174  | 16.563 | ug/l # | 94     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97  | 112793 | 18.276 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 85635  | 18.410 | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.87 | 43  | 79170  | 16.850 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 103371 | 19.168 | ug/l   | 96     |

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 Sample : VN1029WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Quant Time: Oct 30 05:29:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 12:23:17 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 70023    | 15.182  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 235647   | 18.200  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 35117    | 15.056  | ug/l   | 88       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 103494   | 18.504  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.12  | 43   | 149723   | 18.641  | ug/l # | 92       |
| 44) Trichloroethene            | 8.80  | 130  | 63082    | 18.598  | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 63901    | 18.430  | ug/l   | 100      |
| 46) Dibromomethane             | 9.17  | 93   | 43968    | 18.127  | ug/l   | 93       |
| 47) Bromodichloromethane       | 9.37  | 83   | 96072    | 17.872  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.16  | 41   | 74652    | 18.015  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 18741    | 306.832 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 424517   | 90.926  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 150896   | 18.469  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 104142   | 18.322  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 108959   | 18.622  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 59684    | 18.506  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 89166    | 18.264  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 104145   | 18.930  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 228299   | 85.694  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 313789   | 91.256  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.87 | 129  | 73114    | 19.174  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 62231    | 18.937  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 61223    | 17.851  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.41 | 112  | 164631   | 19.460  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 65379    | 19.120  | ug/l   | 96       |
| 67) Ethyl Benzene              | 11.48 | 91   | 285013   | 18.121  | ug/l   | 95       |
| 68) m/p-Xylenes                | 11.59 | 106  | 211117   | 36.220  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 105144   | 18.724  | ug/l   | 95       |
| 70) Styrene                    | 11.94 | 104  | 171014   | 18.574  | ug/l   | 97       |
| 71) Bromoform                  | 12.10 | 173  | 50111    | 18.672  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.22 | 105  | 267539   | 18.944  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.04 | 43   | 122809   | 19.756  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 79378    | 19.336  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 118267   | 26.191  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 70067    | 20.261  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.56 | 91   | 295537   | 18.484  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 197088   | 19.283  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 219982   | 18.409  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 28967    | 18.478  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 204240   | 19.615  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.96 | 119  | 168109   | 17.144  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 227194   | 19.027  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.14 | 105  | 212406   | 16.739  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 199204   | 17.425  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.25 | 146  | 112937   | 18.655  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.33 | 146  | 115231   | 18.688  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 159194   | 15.807  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 36992    | 17.230  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 113352   | 18.833  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 19333    | 18.980  | ug/l   | 98       |

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Sample : VN1029WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

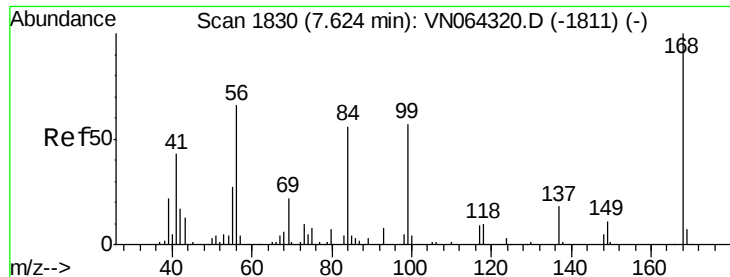
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

Quant Time: Oct 30 05:29:18 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 27 12:23:17 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 52831    | 16.674 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 24983    | 13.526 | ug/l  | 98       |
| 95) Naphthalene            | 15.10 | 128  | 169675   | 17.548 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 51118    | 16.843 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampled :

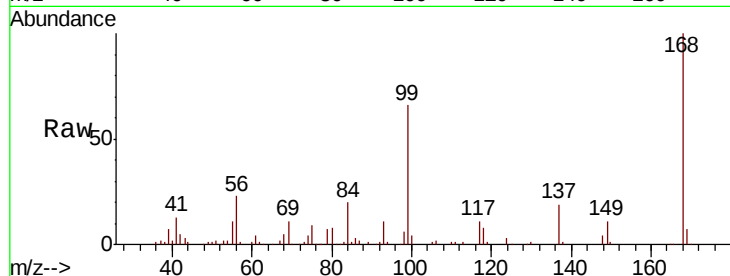
VN1029WBS01

Tot Ion:168 Resp: 282204

Ion Ratio Lower Upper

168 100

99 65.4 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

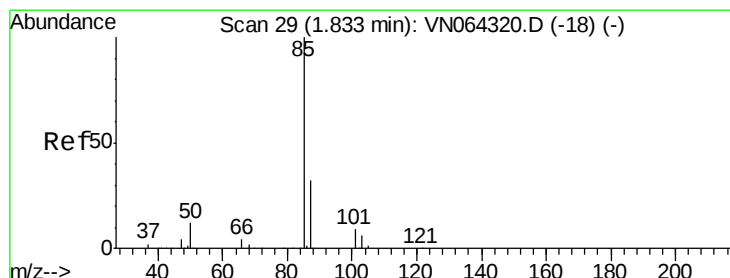
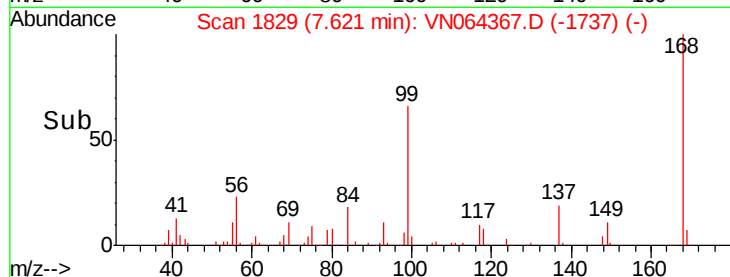
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.987 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064367.D

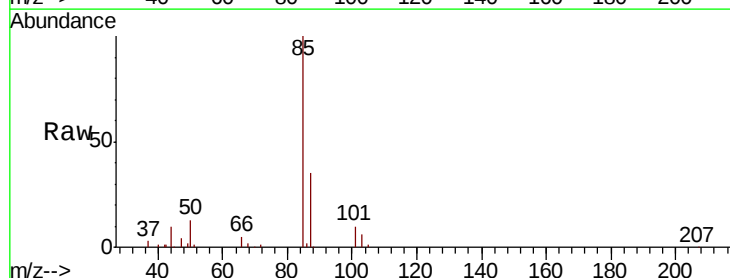
Acq: 29 Oct 2020 12:31

Tgt Ion: 85 Resp: 58350

Ion Ratio Lower Upper

85 100

87 34.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

50000

40000

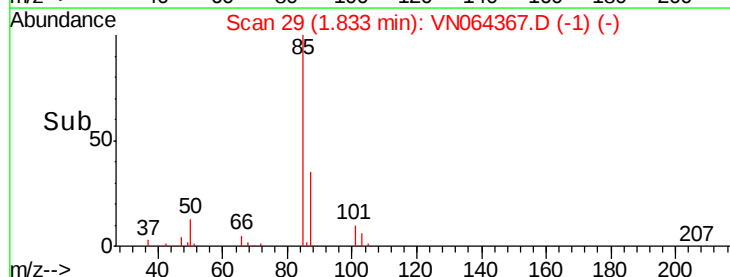
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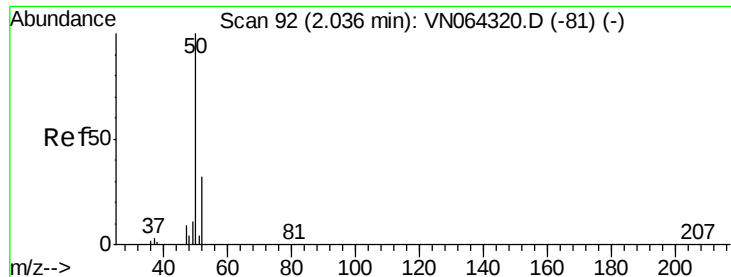
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.516 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

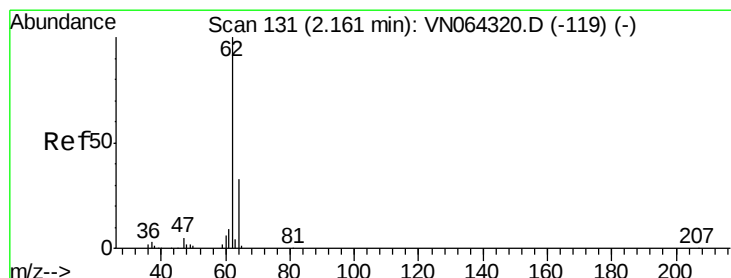
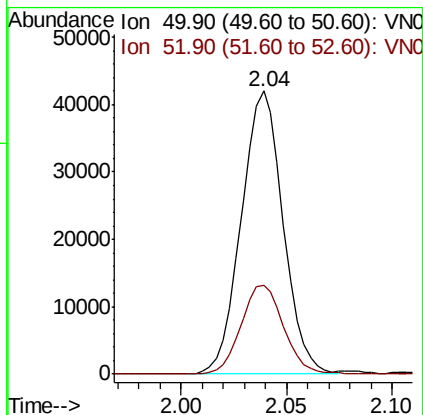
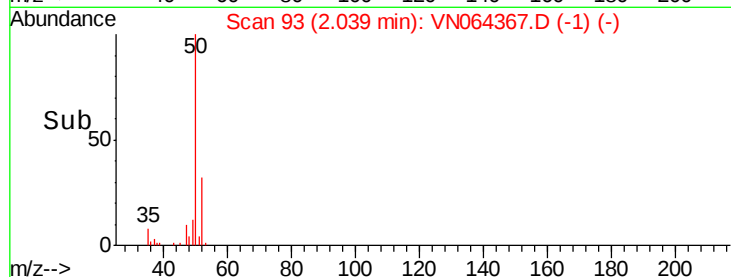
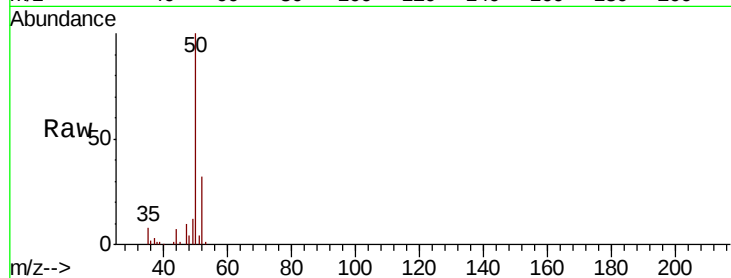
VN1029WBS01

Tot Ion: 50 Resp: 57916

Ion Ratio Lower Upper

50 100

52 31.5 25.6 38.4



#4

Vinyl Chloride

Concen: 17.846 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064367.D

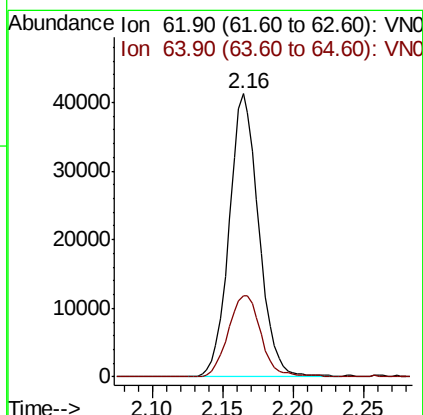
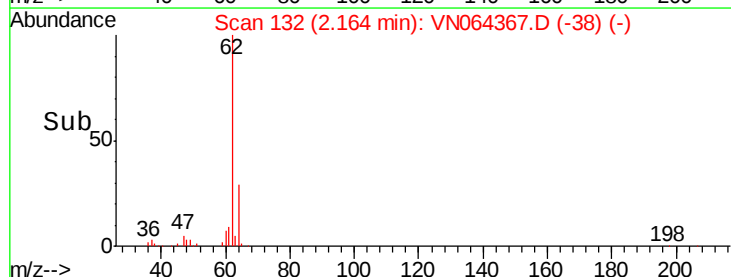
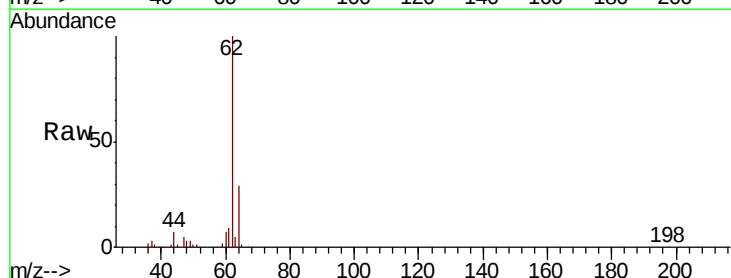
Acq: 29 Oct 2020 12:31

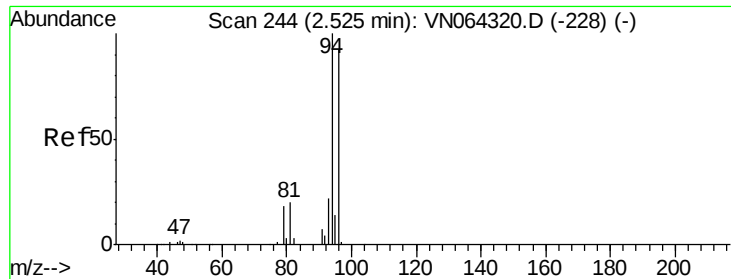
Tgt Ion: 62 Resp: 60532

Ion Ratio Lower Upper

62 100

64 28.6 26.2 39.4





#5

Bromomethane

Concen: 16.602 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.01 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

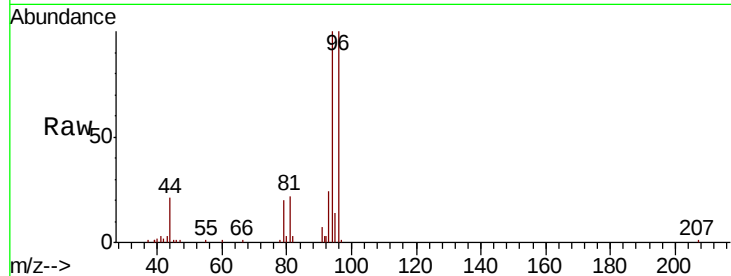
VN1029WBS01

Tot Ion: 94 Resp: 36387

Ion Ratio Lower Upper

94 100

96 100.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

20000

15000

10000

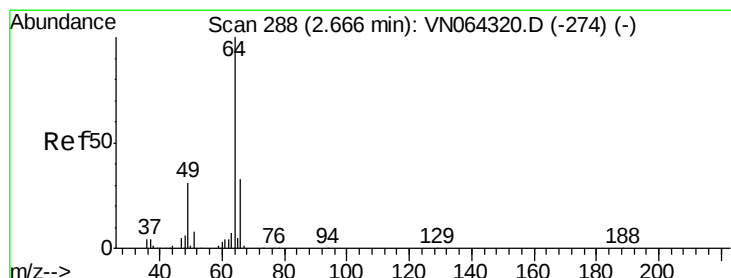
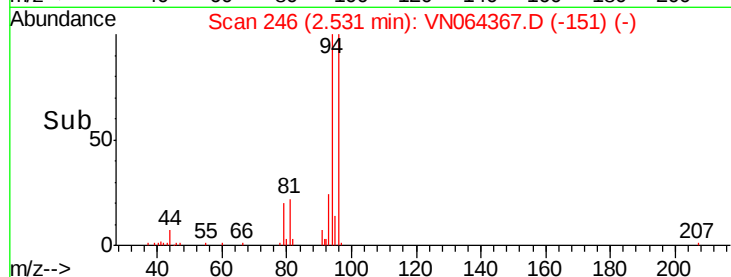
5000

0

Time-->

2.45 2.50 2.55 2.60

2.53



#6

Chloroethane

Concen: 18.829 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN064367.D

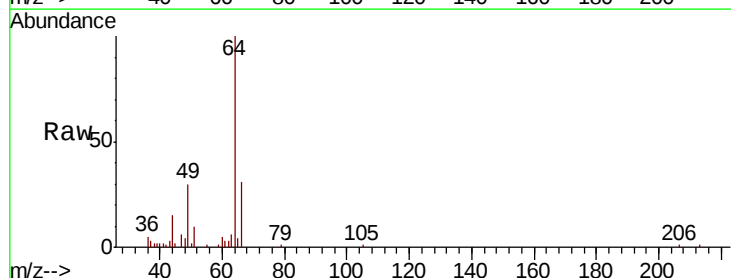
Acq: 29 Oct 2020 12:31

Tgt Ion: 64 Resp: 38162

Ion Ratio Lower Upper

64 100

66 30.7 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

15000

10000

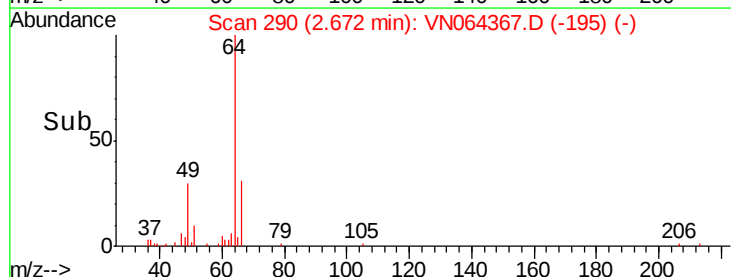
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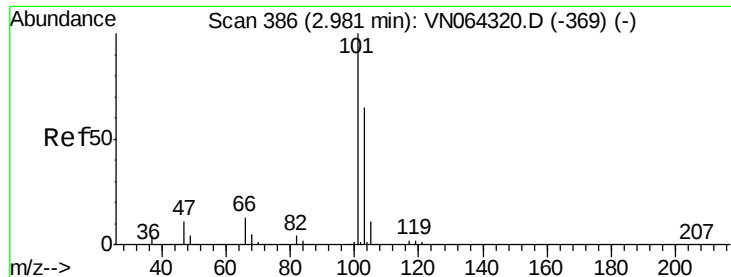
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Time-->

2.60 2.65 2.70 2.75

2.67



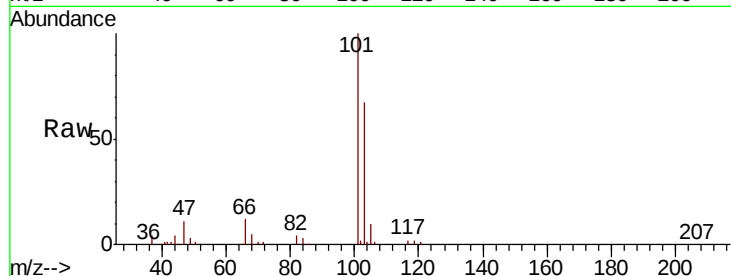


#7

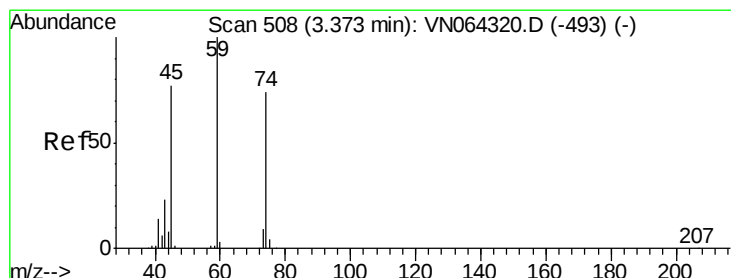
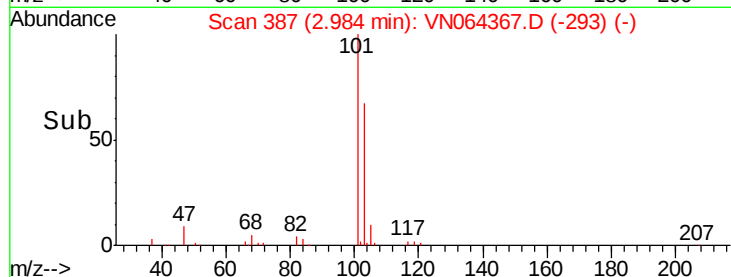
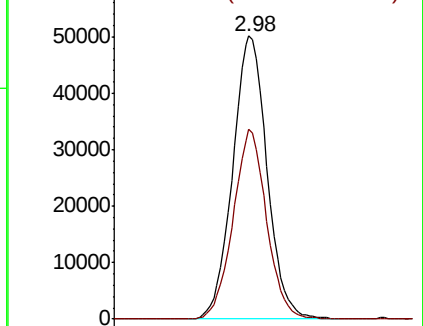
Trichlorofluoromethane  
Concen: 19.013 ug/l  
RT: 2.98 min Scan# 387  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

Tot Ion:101 Resp: 108039  
Ion Ratio Lower Upper  
101 100  
103 67.0 51.7 77.5



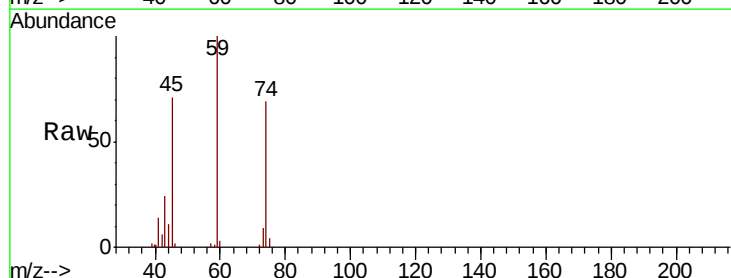
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



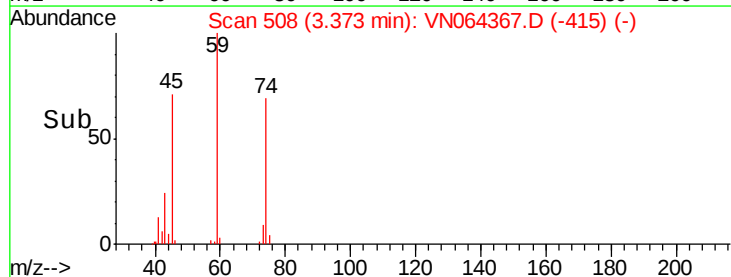
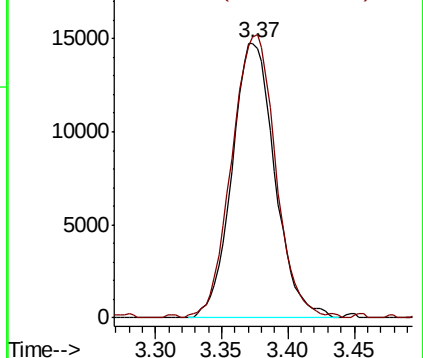
#8

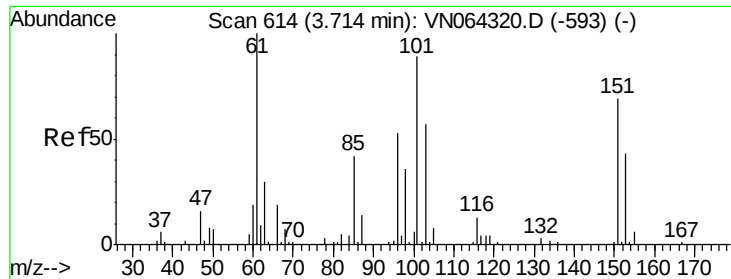
Diethyl Ether  
Concen: 18.478 ug/l  
RT: 3.37 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 74 Resp: 33215  
Ion Ratio Lower Upper  
74 100  
45 106.1 51.3 154.0



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: 18.205 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

VN1029WBS01

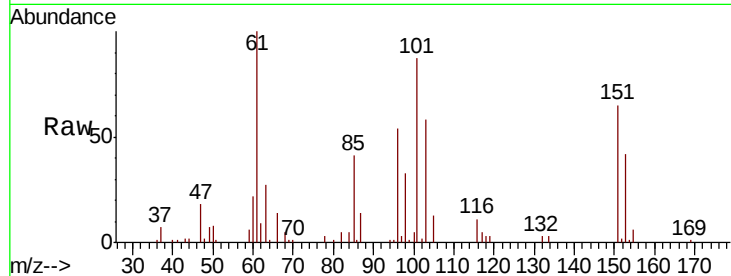
Tot Ion:101 Resp: 51992

Ion Ratio Lower Upper

101 100

85 51.3 38.4 57.6

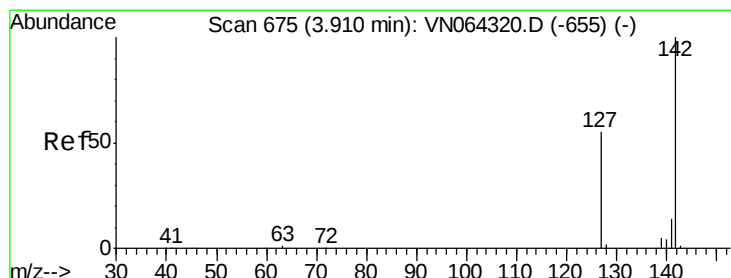
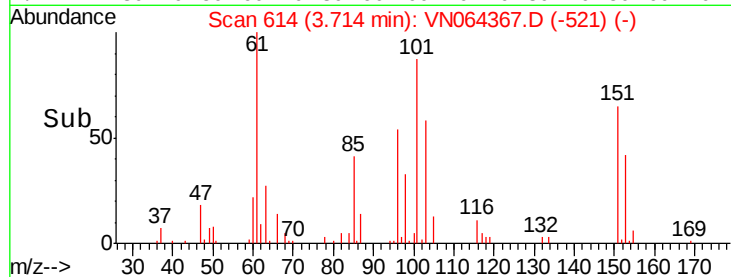
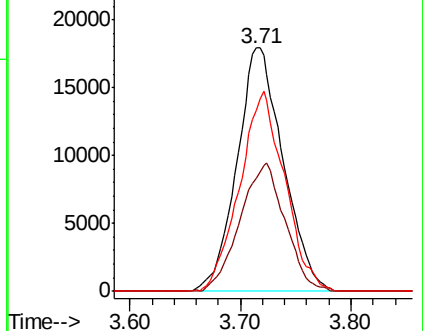
151 80.2 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.638 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

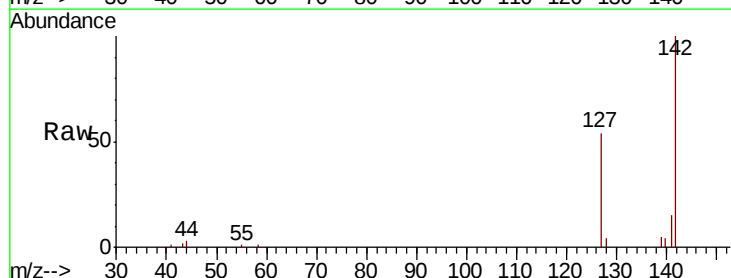
Tgt Ion:142 Resp: 55787

Ion Ratio Lower Upper

142 100

127 54.3 43.3 64.9

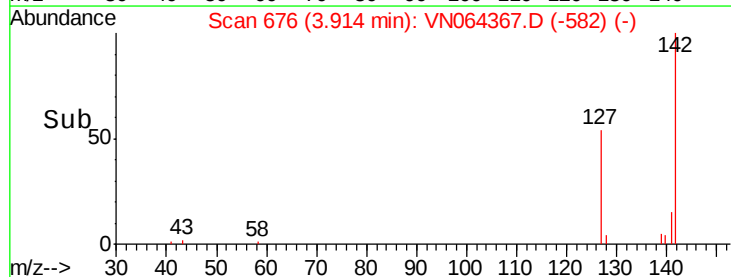
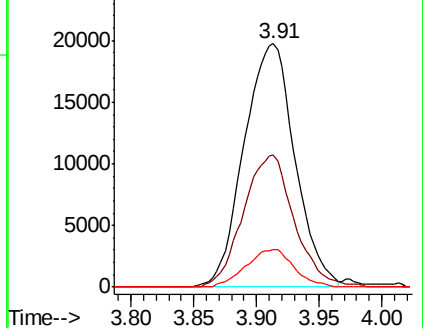
141 14.5 11.5 17.3

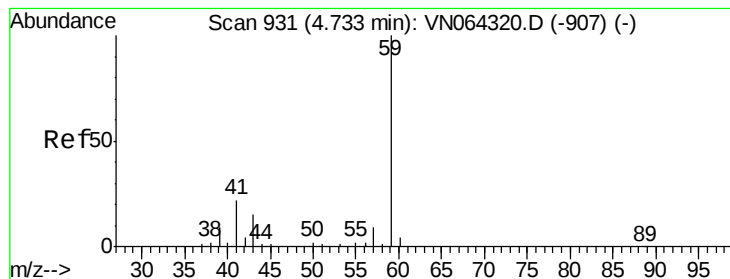


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



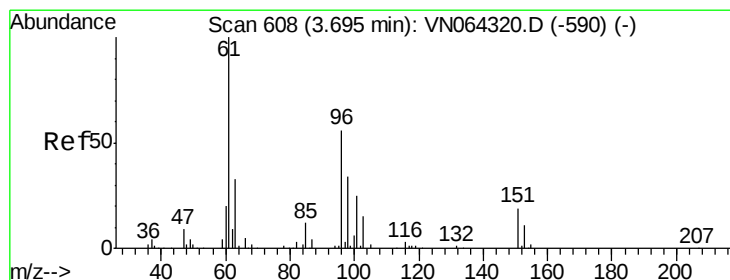
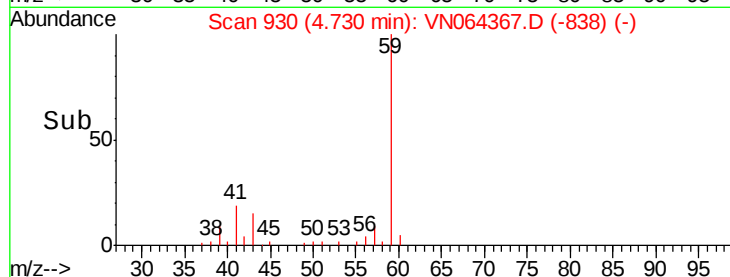
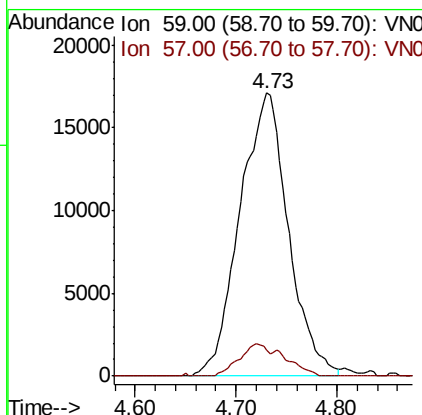
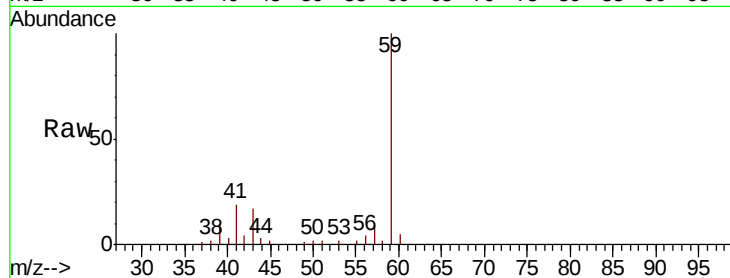


#11

Tert butyl alcohol  
 Concen: 86.805 ug/l  
 RT: 4.73 min Scan# 930  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

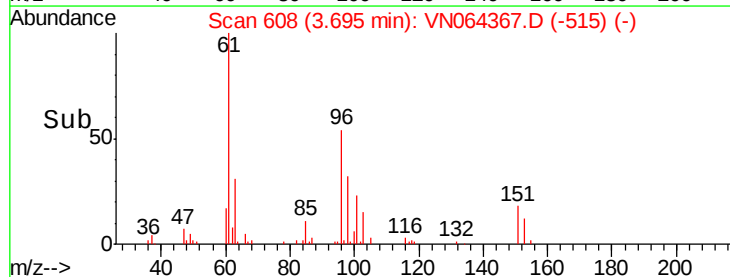
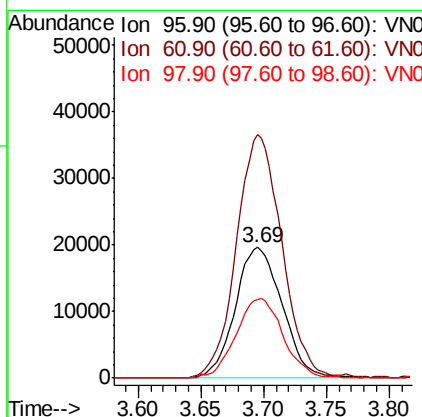
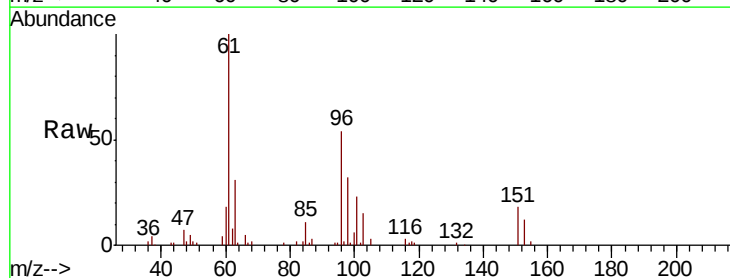
Tot Ion: 59 Resp: 57146  
 Ion Ratio Lower Upper  
 59 100  
 57 6.7 9.4 14.0#

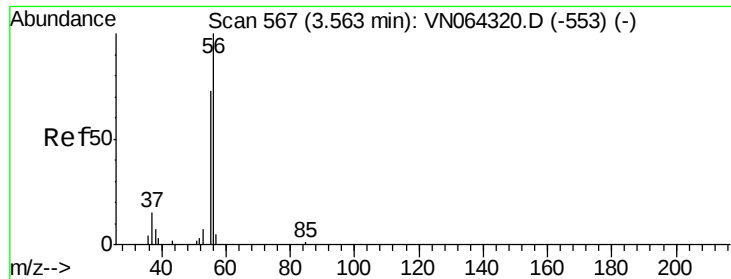


#12

1,1-Dichloroethene  
 Concen: 18.902 ug/l  
 RT: 3.69 min Scan# 608  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Tgt Ion: 96 Resp: 50963  
 Ion Ratio Lower Upper  
 96 100  
 61 186.1 143.6 215.4  
 98 60.0 48.6 73.0

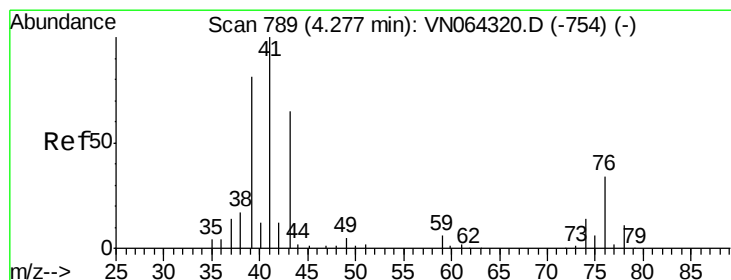
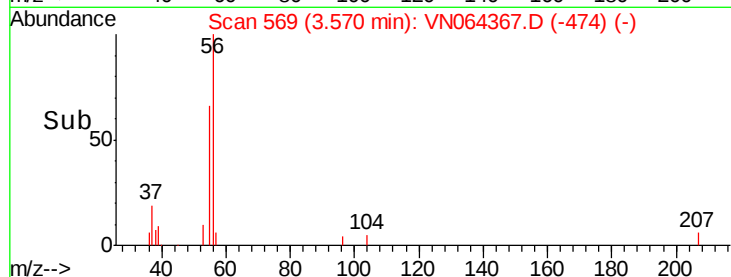
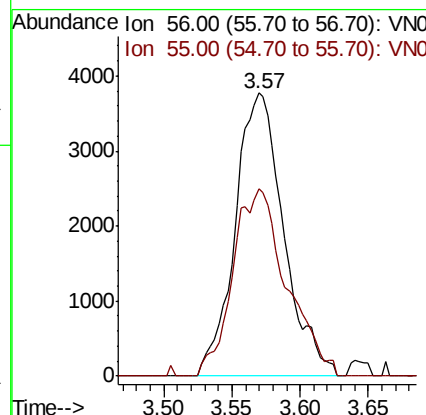
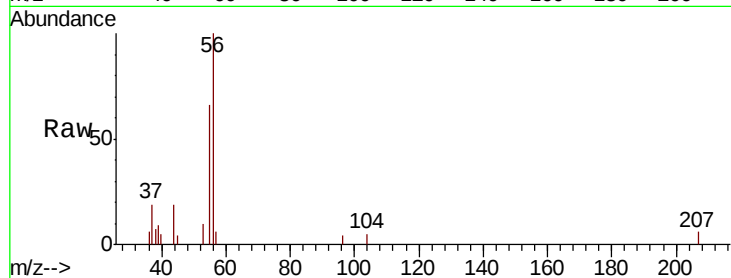




#13  
 Acrolein  
 Concen: 78.434 ug/l  
 RT: 3.57 min Scan# 569  
 Delta R.T. 0.01 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

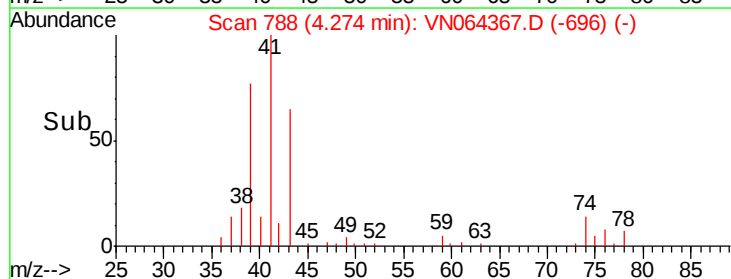
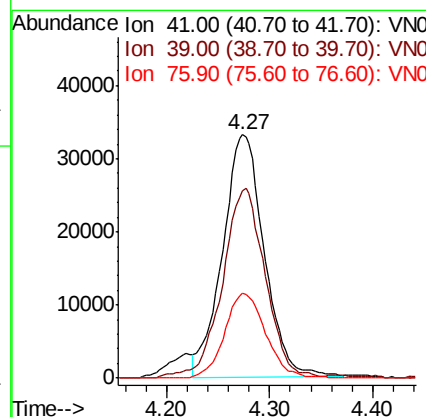
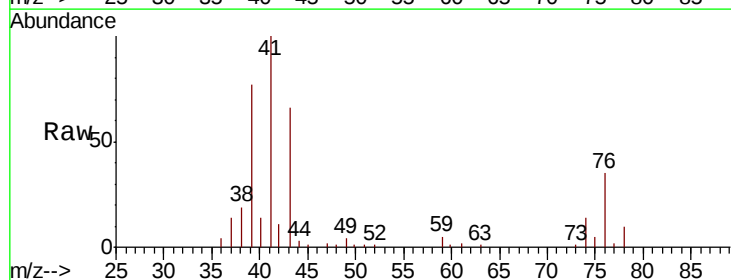
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

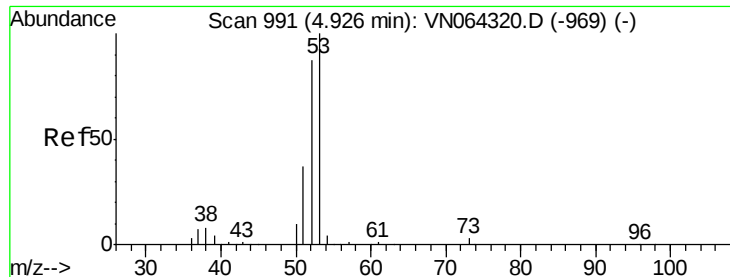
Tot Ion: 56 Resp: 9340  
 Ion Ratio Lower Upper  
 56 100  
 55 73.5 62.6 94.0



#14  
 Allyl chloride  
 Concen: 16.834 ug/l  
 RT: 4.27 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Tgt Ion: 41 Resp: 92673  
 Ion Ratio Lower Upper  
 41 100  
 39 81.3 61.7 92.5  
 76 34.4 24.0 36.0





#15

Acrylonitrile

Concen: 93.521 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

VN1029WBS01

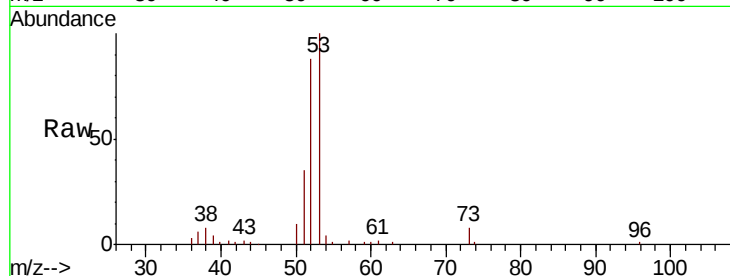
Tot Ion: 53 Resp: 132399

Ion Ratio Lower Upper

53 100

52 81.2 65.9 98.9

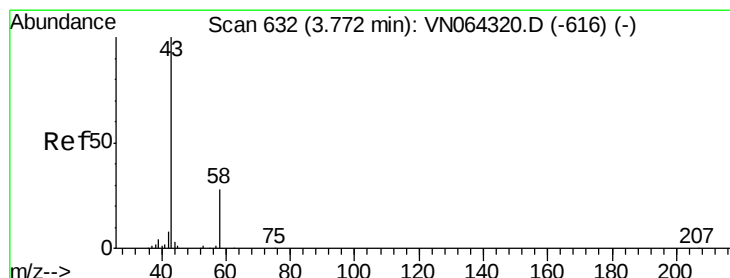
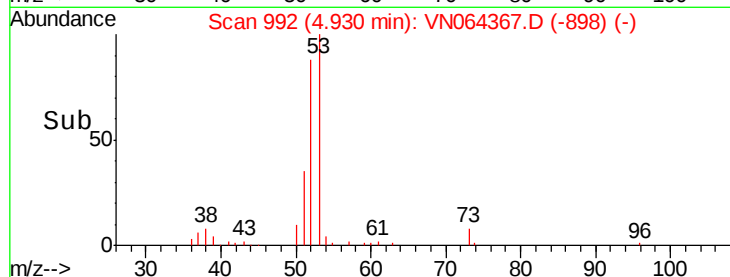
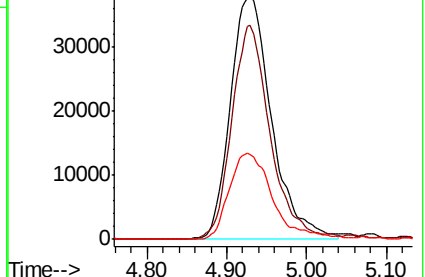
51 37.3 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN064320.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN064320.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN064320.D (-969) (-)



#16

Acetone

Concen: 85.807 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064367.D

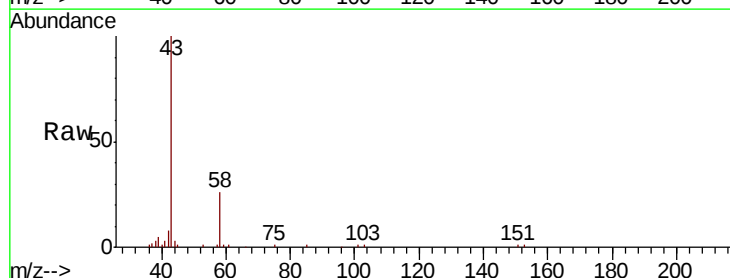
Acq: 29 Oct 2020 12:31

Tgt Ion: 43 Resp: 140125

Ion Ratio Lower Upper

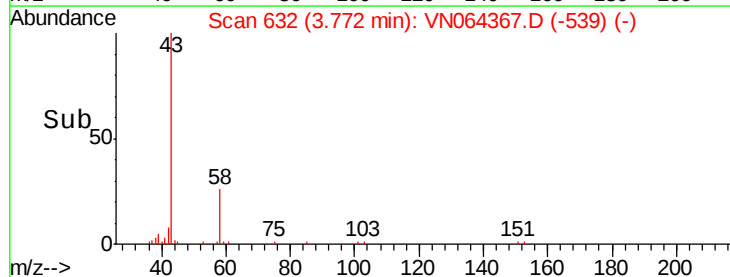
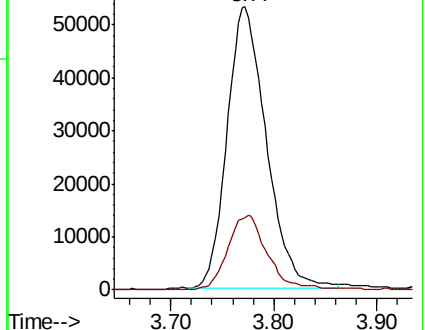
43 100

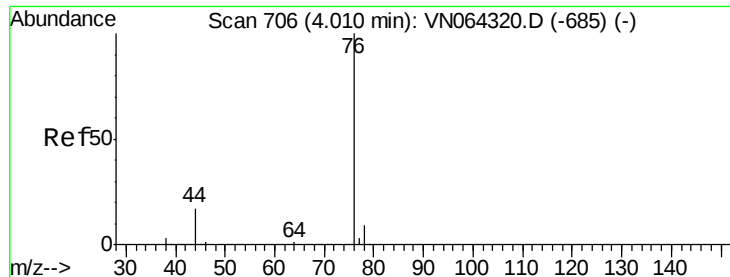
58 25.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-616) (-)

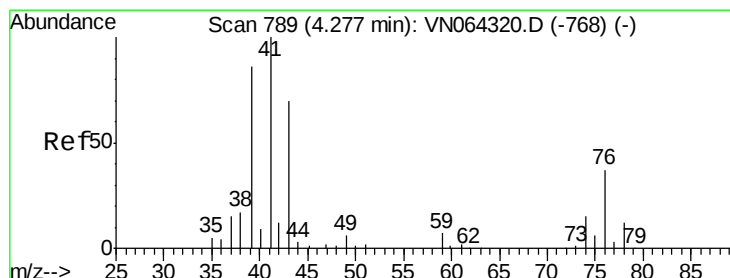
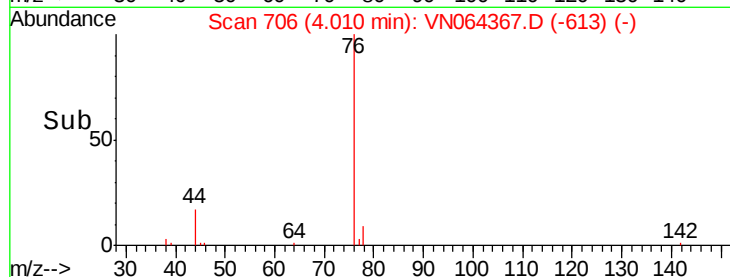
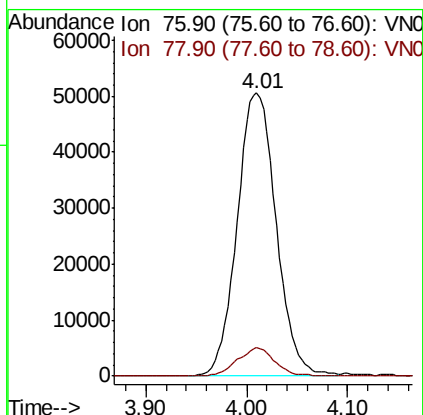
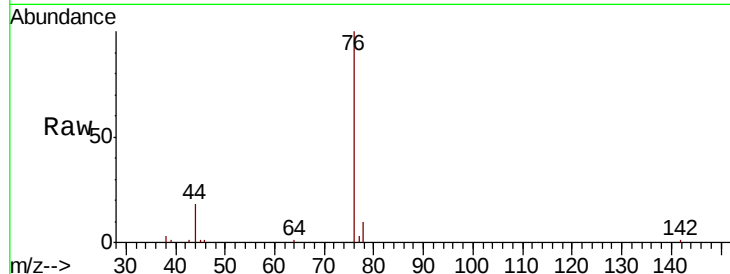




#17  
Carbon Disulfide  
Concen: 17.019 ug/l  
RT: 4.01 min Scan# 706  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

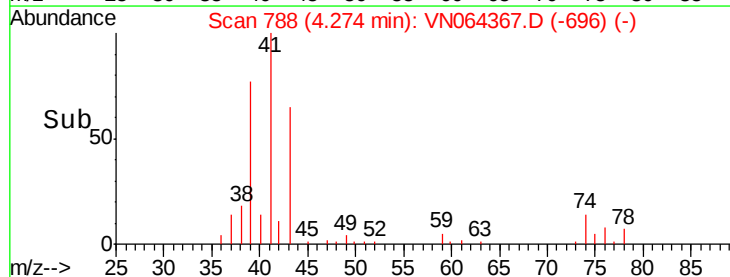
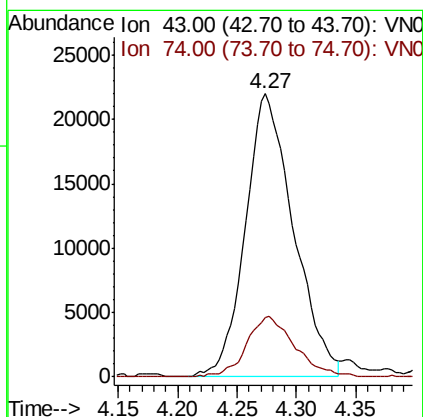
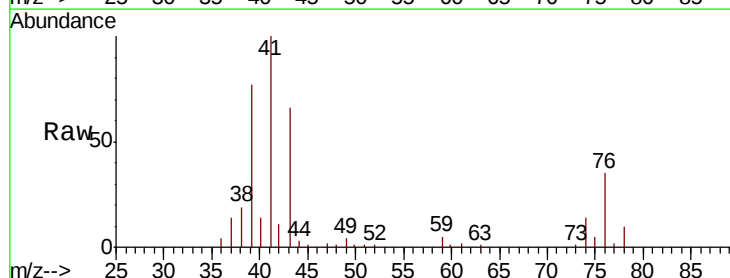
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

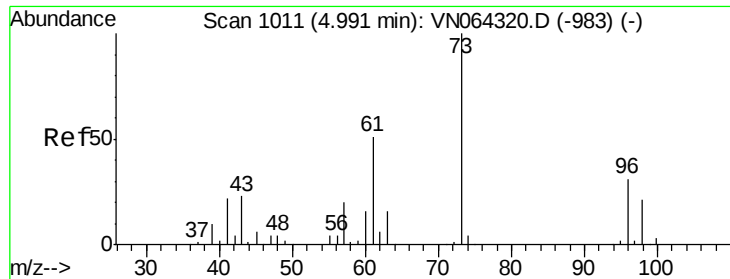
Tot Ion: 76 Resp: 135758  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.3 10.9



#18  
Methyl Acetate  
Concen: 18.089 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 43 Resp: 61623  
Ion Ratio Lower Upper  
43 100  
74 21.5 16.7 25.1

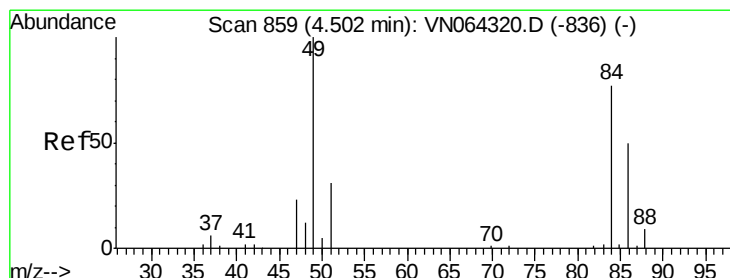
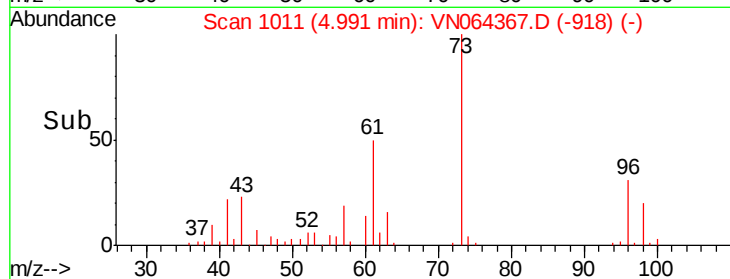
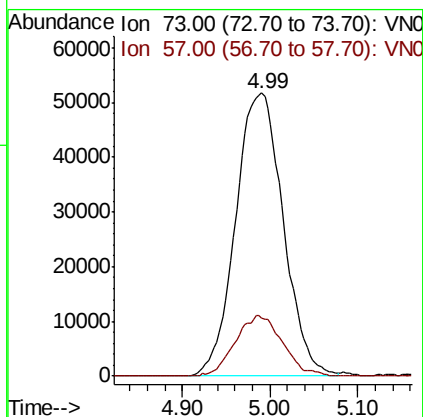
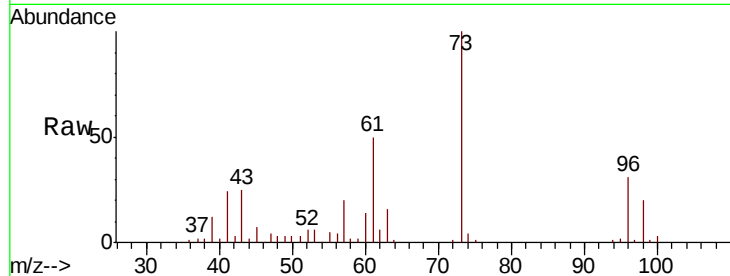




#19  
Methvl tert-butvl Ether  
Concen: 18.838 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

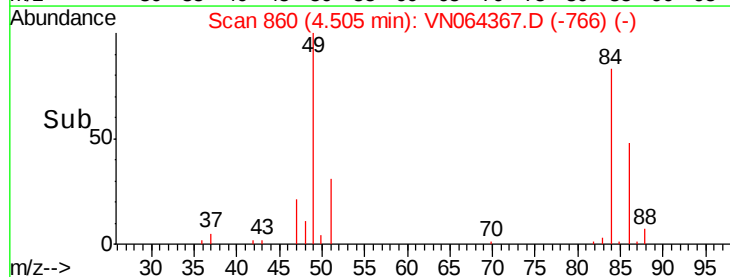
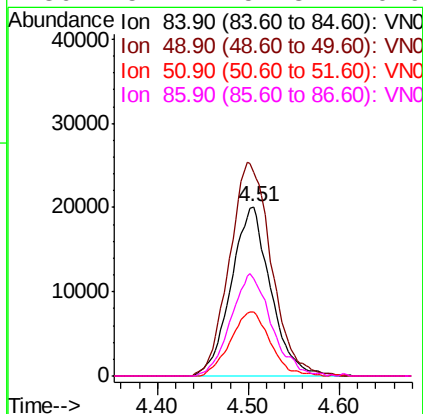
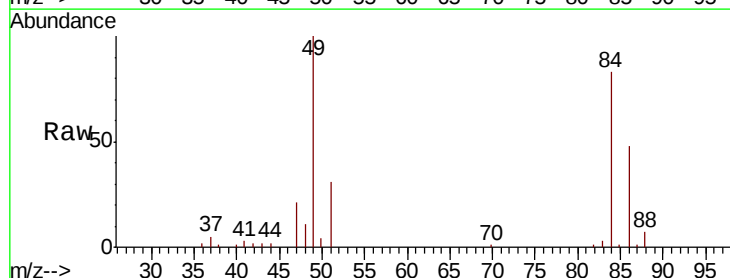
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

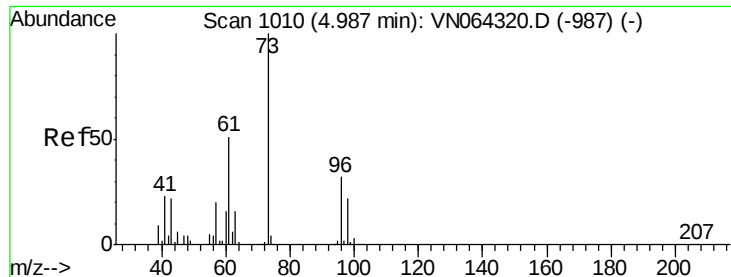
Tot Ion: 73 Resp: 195150  
Ion Ratio Lower Upper  
73 100  
57 20.3 16.1 24.1



#20  
Methylene Chloride  
Concen: 18.898 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 84 Resp: 60781  
Ion Ratio Lower Upper  
84 100  
49 120.0 103.6 155.4  
51 37.4 31.8 47.8  
86 57.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.106 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampled :

VN1029WBS01

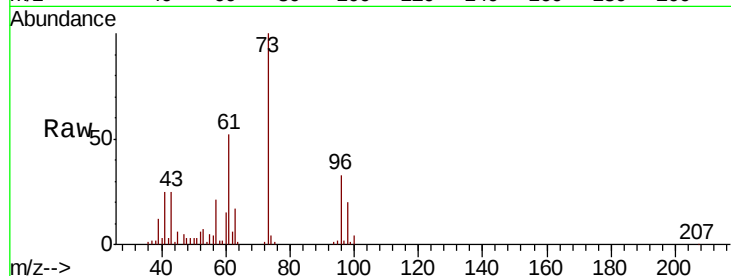
Tot Ion: 96 Resp: 54458

Ion Ratio Lower Upper

96 100

61 157.1 128.2 192.2

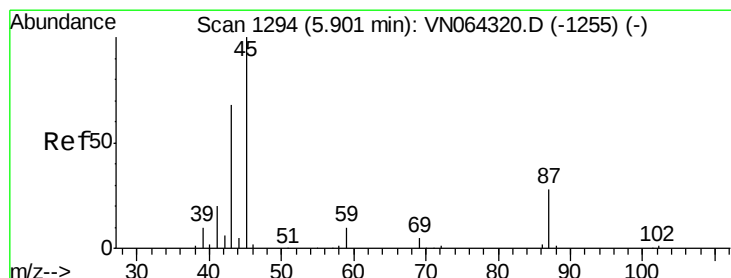
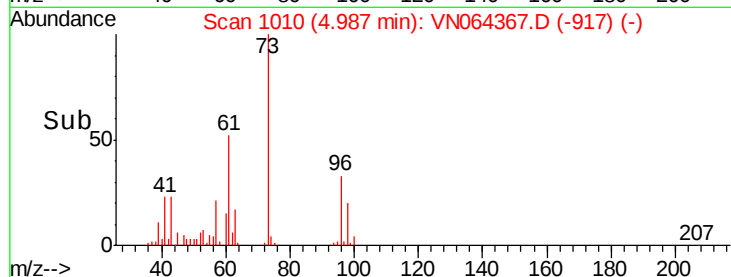
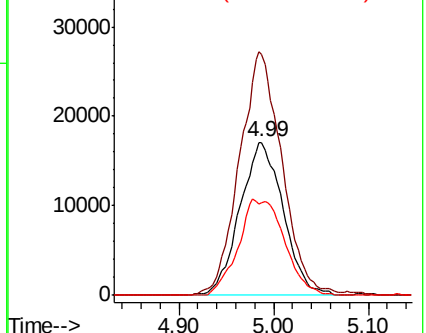
98 60.8 56.1 84.1



Abundance Ion 95.90 (95.60 to 96.60): VN064367.D (-1201) (-)

Ion 60.90 (60.60 to 61.60): VN064367.D (-1201) (-)

Ion 97.90 (97.60 to 98.60): VN064367.D (-1201) (-)



#22

Diisopropyl ether

Concen: 18.358 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Tgt Ion: 45 Resp: 197541

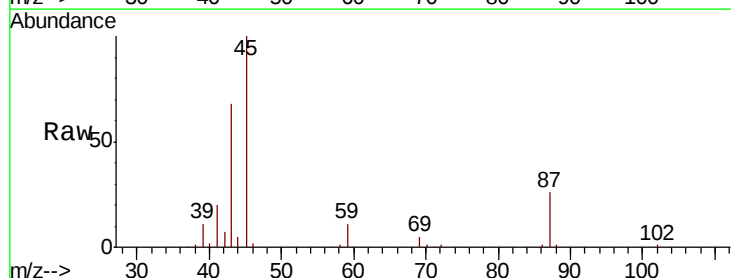
Ion Ratio Lower Upper

45 100

43 65.7 54.6 82.0

87 25.8 22.6 33.8

59 11.2 8.6 12.8

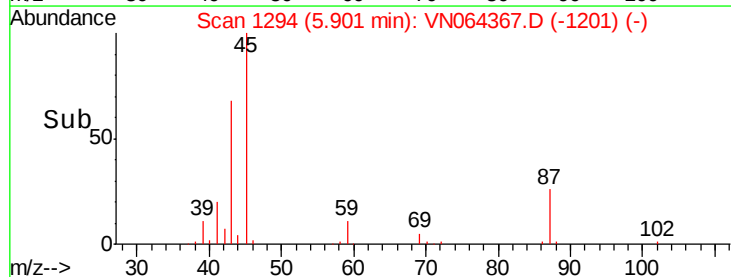
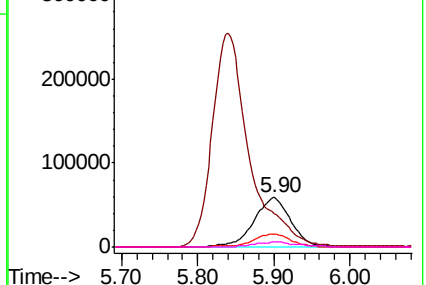


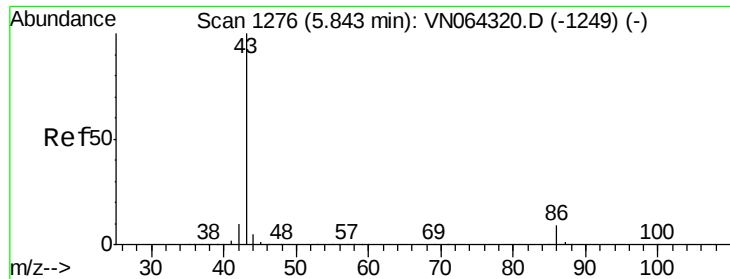
Abundance Ion 45.00 (44.70 to 45.70): VN064367.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN064367.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN064367.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN064367.D (-1201) (-)





#23

Vinyl Acetate

Concen: 94.802 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

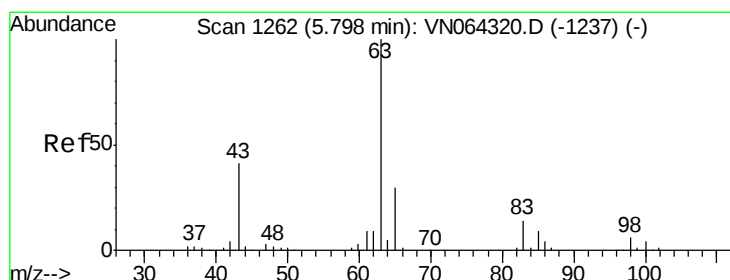
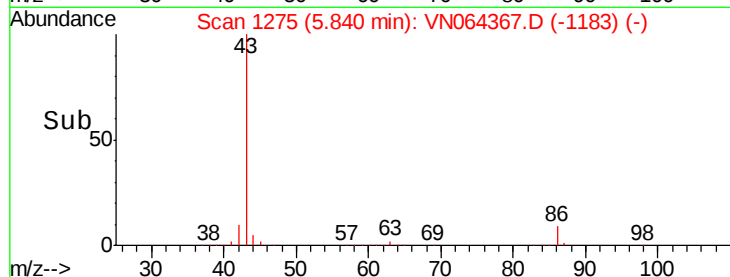
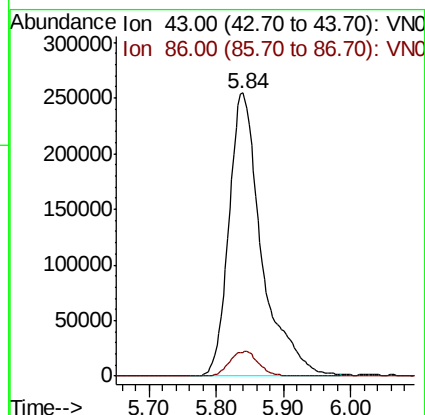
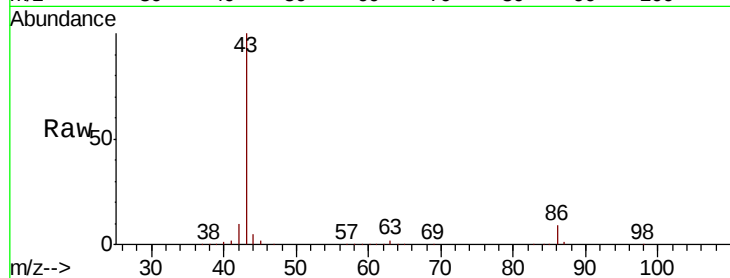
VN1029WBS01

Tot Ion: 43 Resp: 863038

Ion Ratio Lower Upper

43 100

86 8.5 7.3 10.9



#24

1,1-Dichloroethane

Concen: 18.701 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

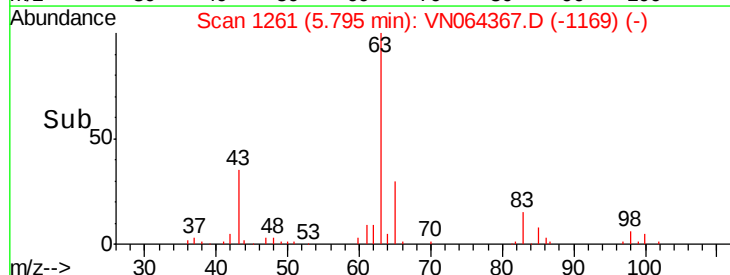
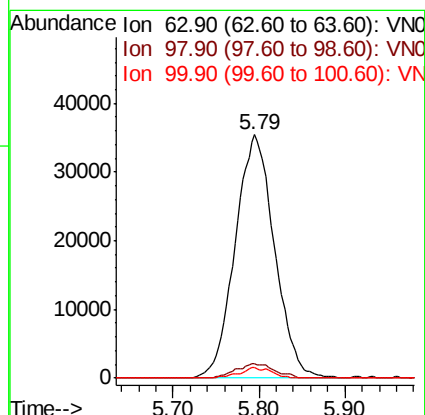
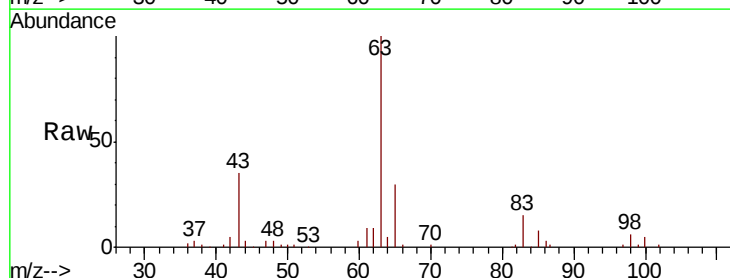
Tgt Ion: 63 Resp: 112605

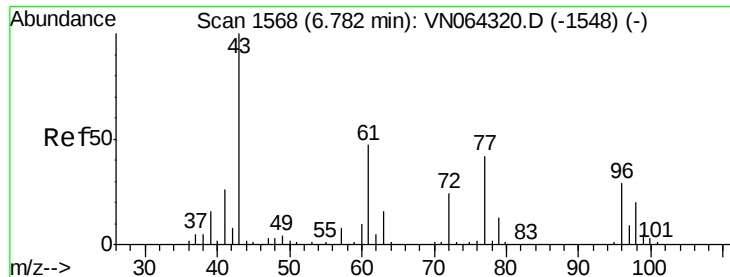
Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.4

100 4.5 2.0 5.8

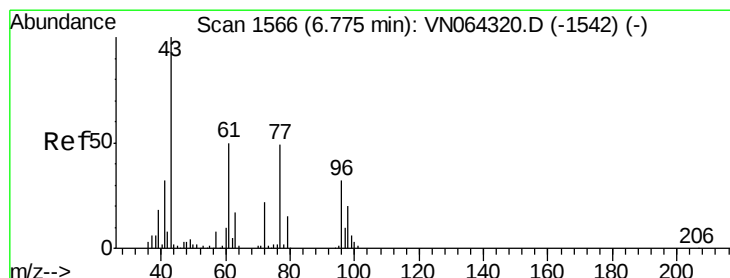
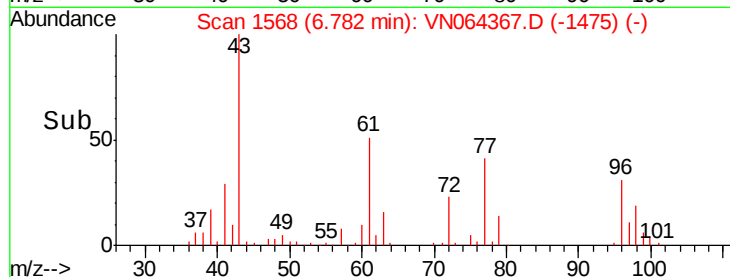
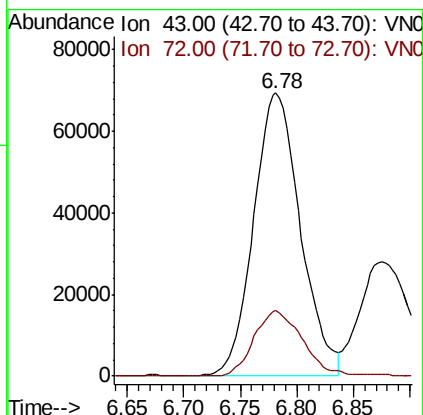
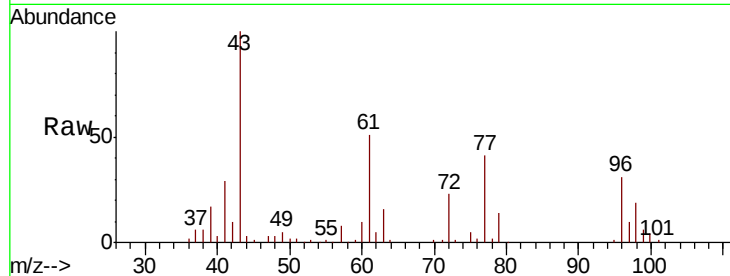




#25  
2-Butanone  
Concen: 87.641 ug/l  
RT: 6.78 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

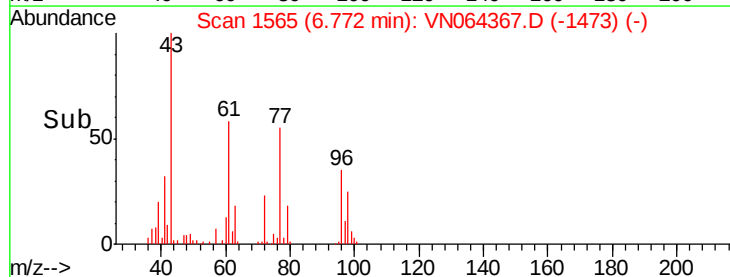
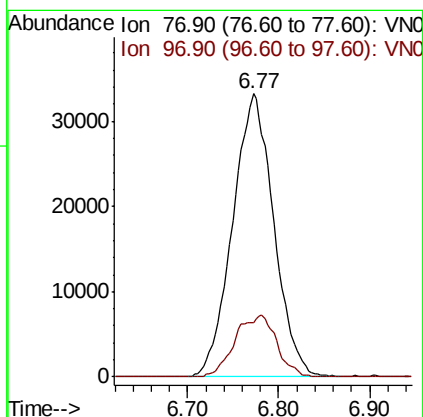
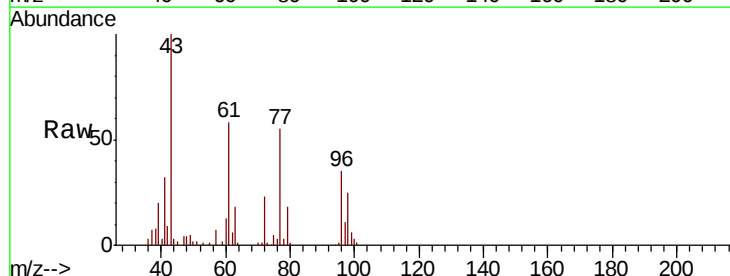
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

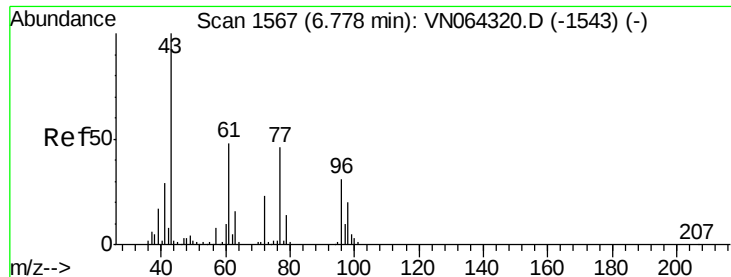
Tot Ion: 43 Resp: 199560  
Ion Ratio Lower Upper  
43 100  
72 23.3 18.8 28.2



#26  
2,2-Dichloropropane  
Concen: 17.677 ug/l  
RT: 6.77 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 77 Resp: 104169  
Ion Ratio Lower Upper  
77 100  
97 22.0 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 18.507 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

VN1029WBS01

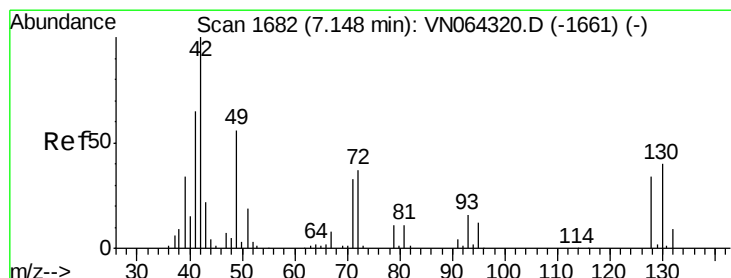
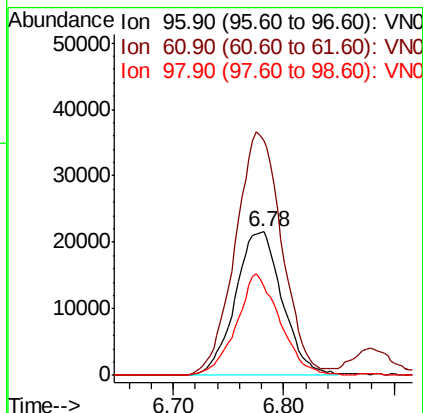
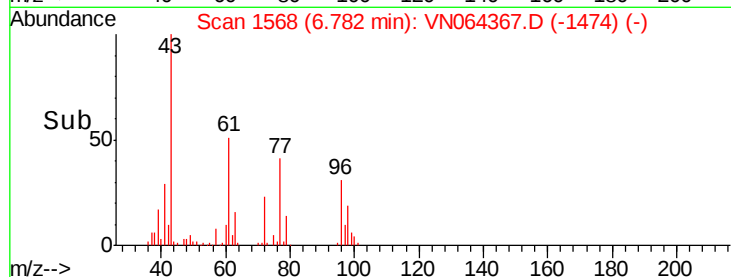
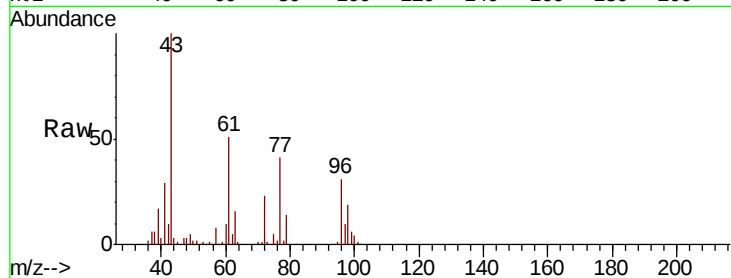
Tot Ion: 96 Resp: 63701

Ion Ratio Lower Upper

96 100

61 168.7 0.0 325.0

98 65.3 0.0 128.4



#28

Bromochloromethane

Concen: 17.576 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

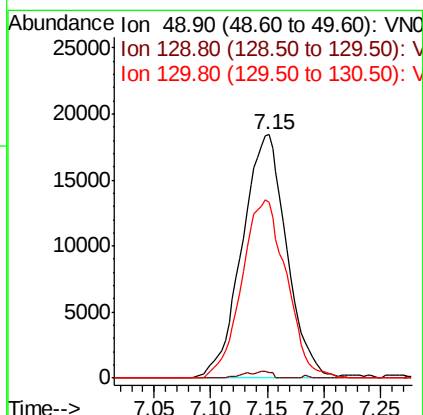
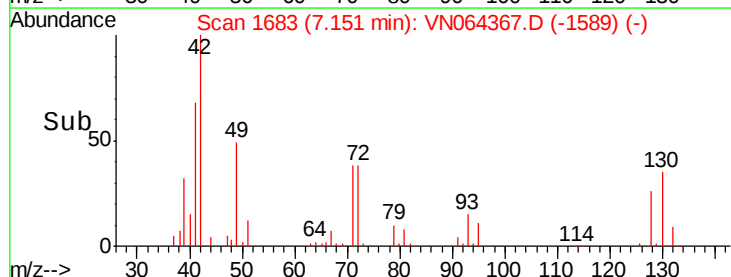
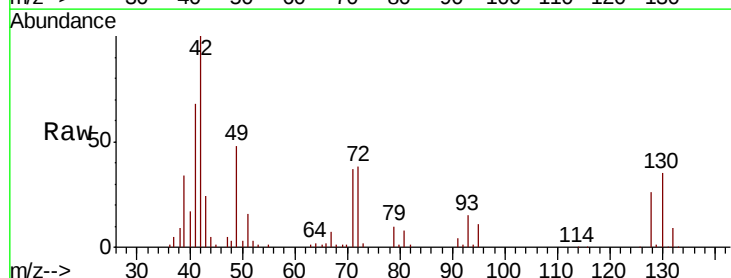
Tgt Ion: 49 Resp: 50421

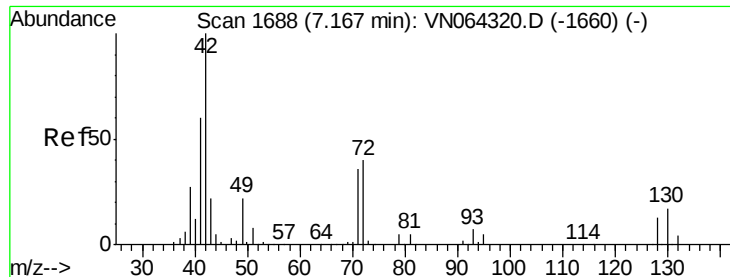
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.8

130 73.2 56.2 84.2

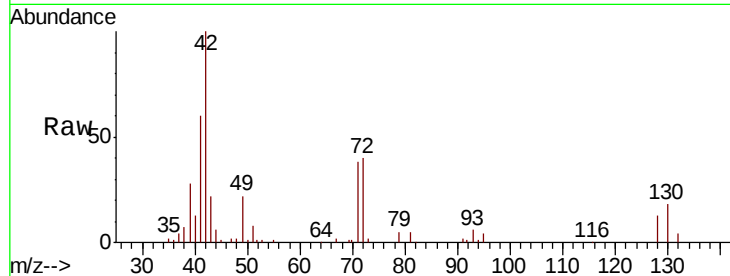




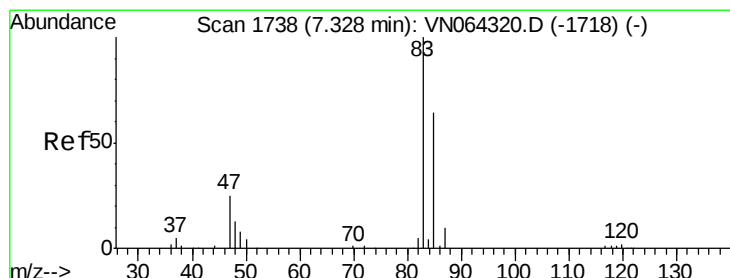
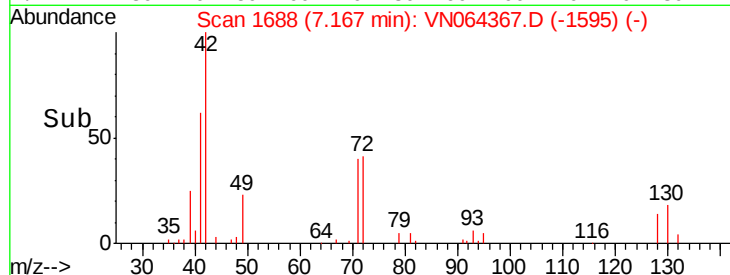
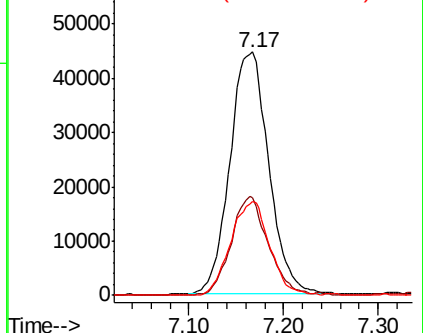
#29  
Tetrahydrofuran  
Concen: 85.899 ug/l  
RT: 7.17 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1029WBS01

Tot Ion: 42 Resp: 126979  
Ion Ratio Lower Upper  
42 100  
72 38.9 31.6 47.4  
71 38.9 29.4 44.0

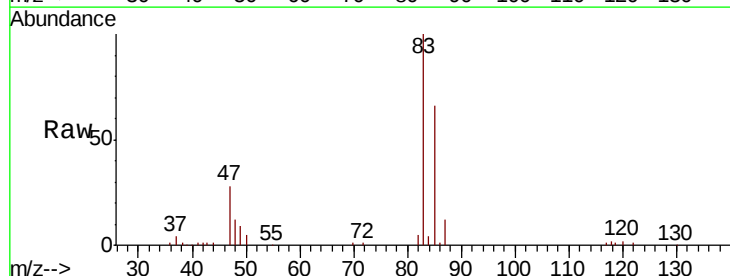


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

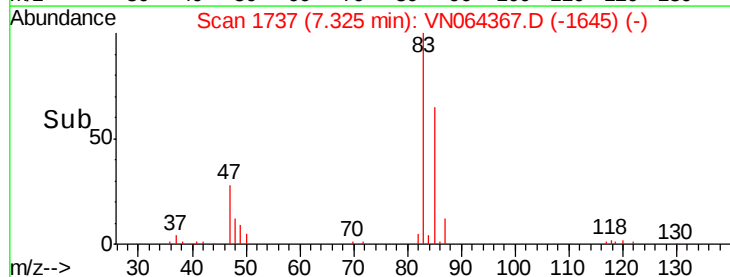
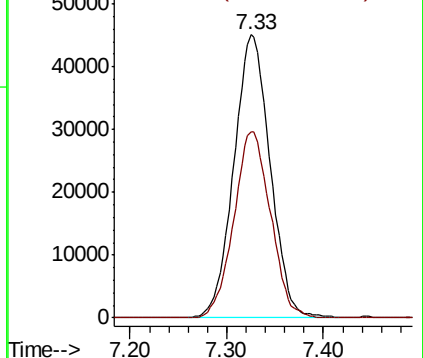


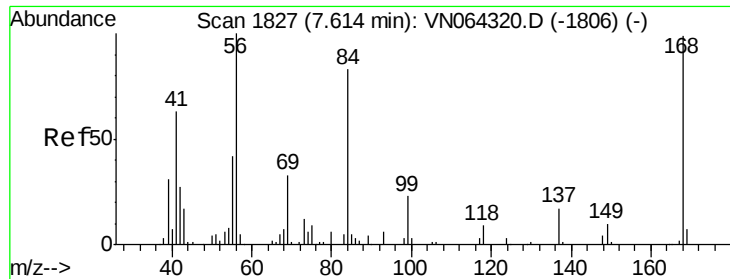
#30  
Chloroform  
Concen: 18.316 ug/l  
RT: 7.33 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 83 Resp: 117716  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0

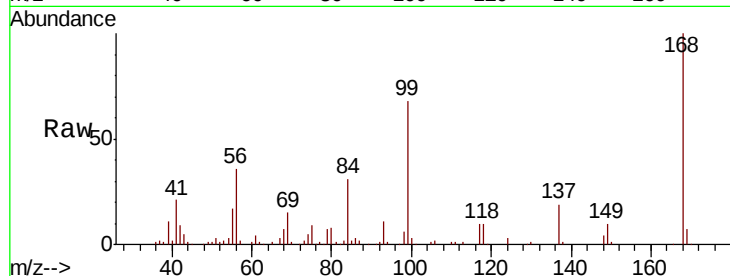




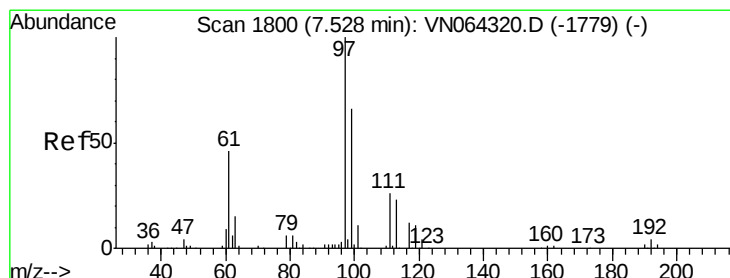
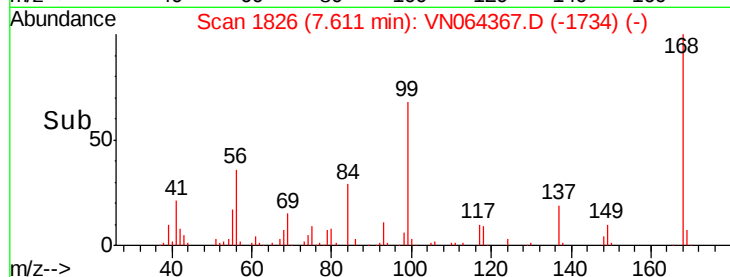
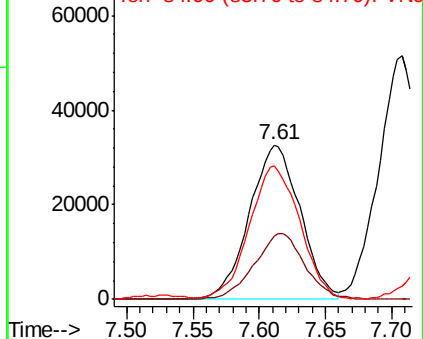
#31  
Cyclohexane  
Concen: 16.563 ug/l  
RT: 7.61 min Scan# 1826  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

Tot Ion: 56 Resp: 87174  
Ion Ratio Lower Upper  
56 100  
69 40.7 25.8 38.8#  
84 85.5 66.3 99.5

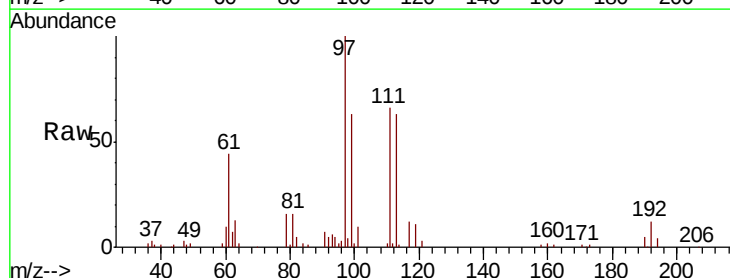


Abundance Ion 56.00 (55.70 to 56.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 84.00 (83.70 to 84.70): VNC

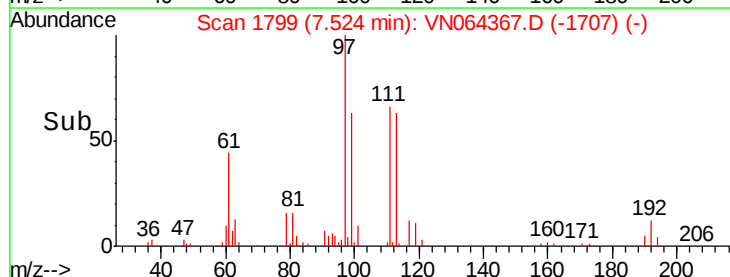
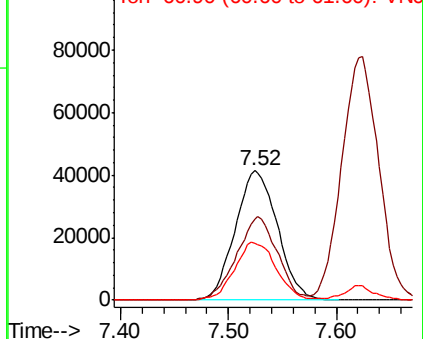


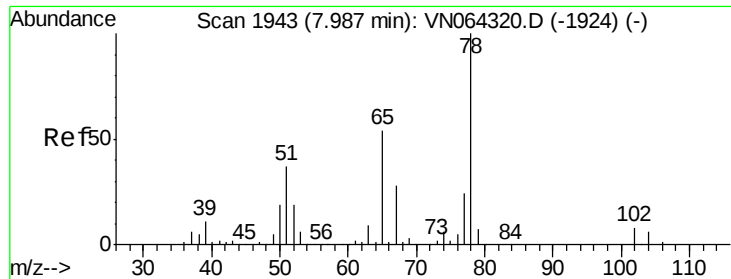
#32  
1,1,1-Trichloroethane  
Concen: 18.276 ug/l  
RT: 7.52 min Scan# 1799  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 97 Resp: 112793  
Ion Ratio Lower Upper  
97 100  
99 62.1 50.6 76.0  
61 43.7 35.8 53.6



Abundance Ion 96.90 (96.60 to 97.60): VNC  
Ion 98.90 (98.60 to 99.60): VNC  
Ion 60.90 (60.60 to 61.60): VNC

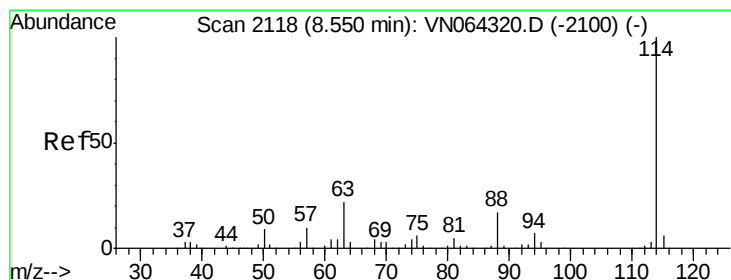
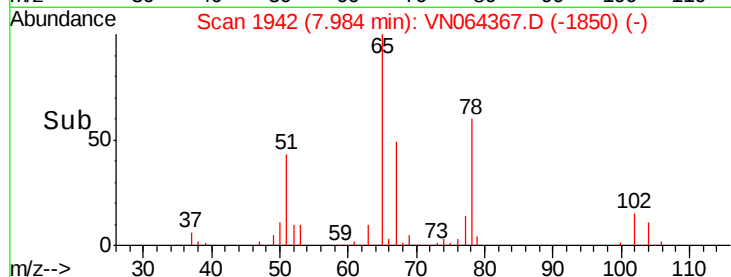
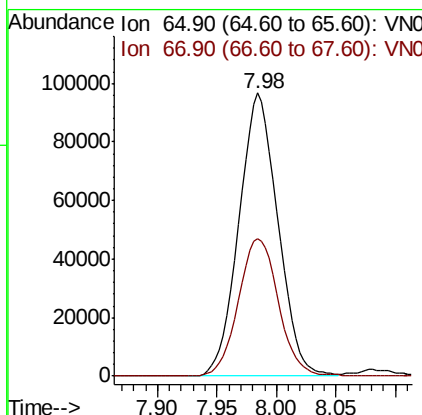
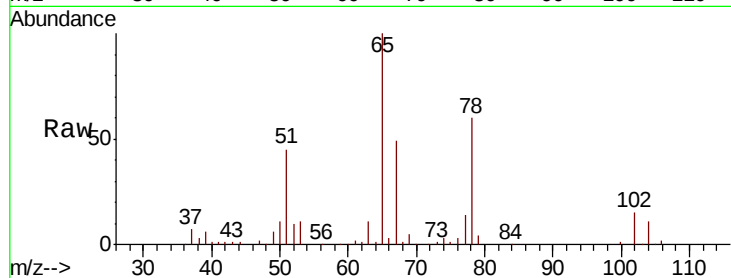




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.438 ug/l  
 RT: 7.98 min Scan# 1942  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

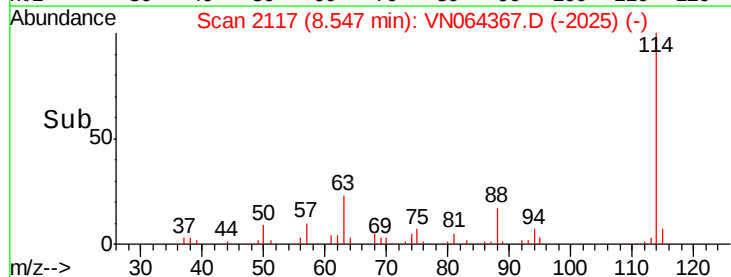
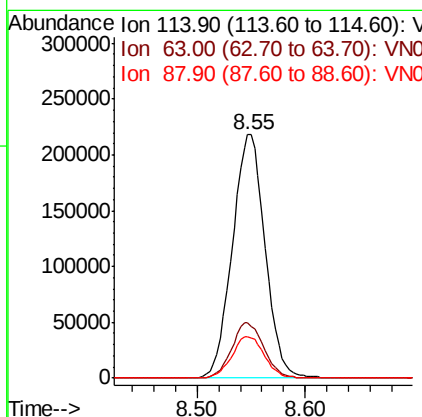
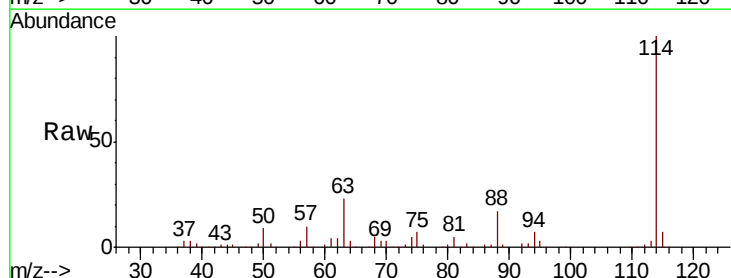
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

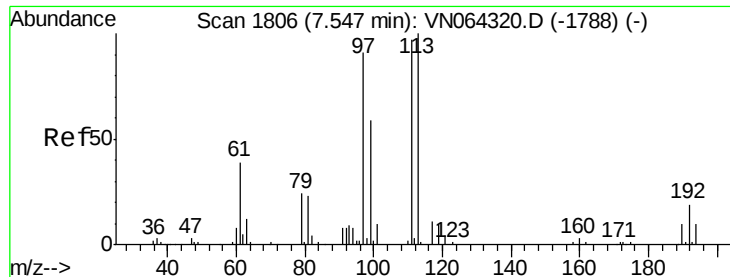
Tot Ion: 65 Resp: 219667  
 Ion Ratio Lower Upper  
 65 100  
 67 49.9 0.0 99.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Tgt Ion: 114 Resp: 460907  
 Ion Ratio Lower Upper  
 114 100  
 63 22.5 0.0 44.6  
 88 16.9 0.0 33.4

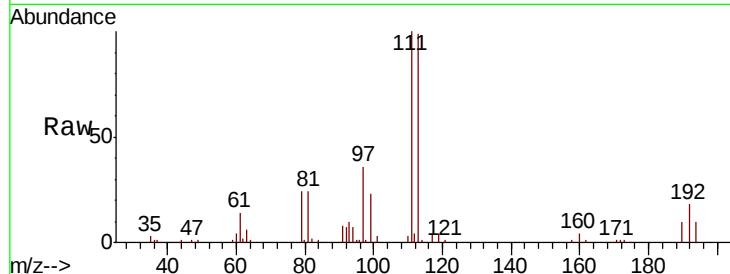




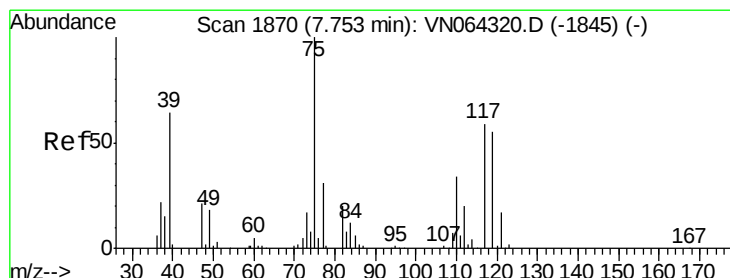
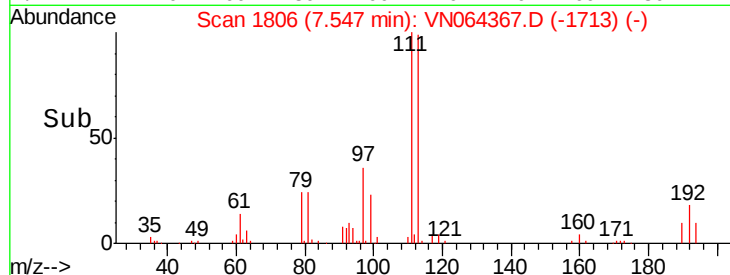
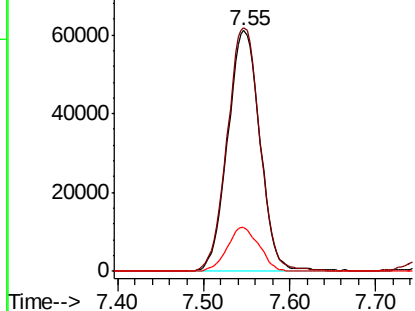
#35  
 Dibromofluoromethane  
 Concen: 51.834 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

Tot Ion:113 Resp: 159320  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 81.5 122.3  
 192 18.1 15.0 22.4

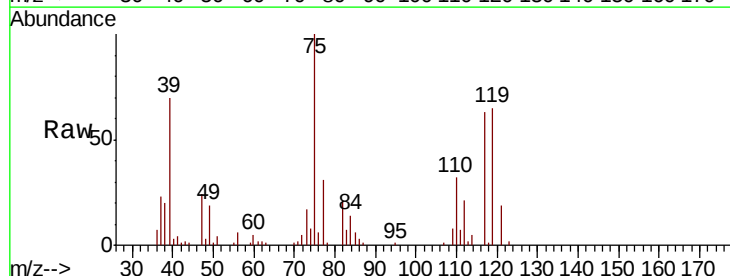


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

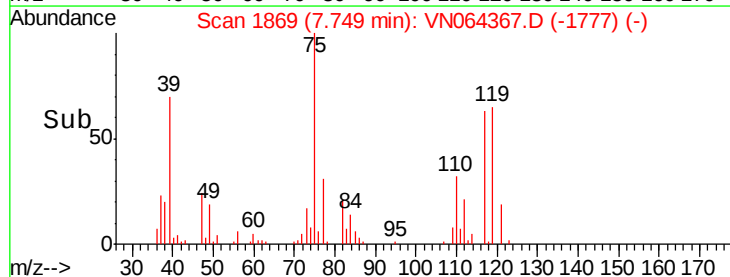
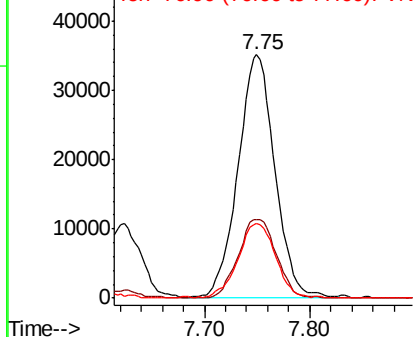


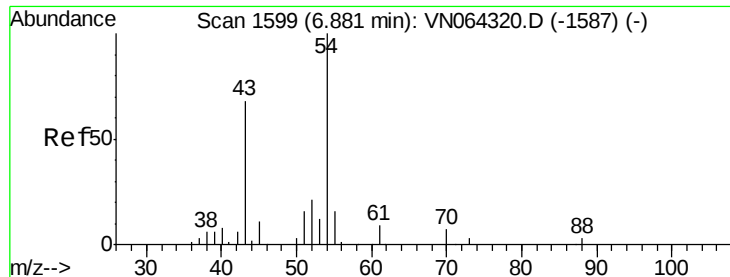
#36  
 1,1-Dichloropropene  
 Concen: 18.410 ug/l  
 RT: 7.75 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Tgt Ion: 75 Resp: 85635  
 Ion Ratio Lower Upper  
 75 100  
 110 32.9 16.8 50.3  
 77 31.1 24.2 36.4



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

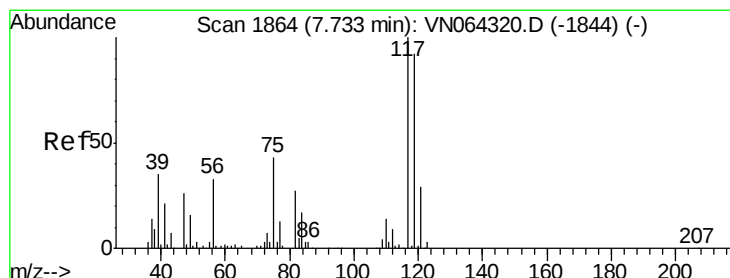
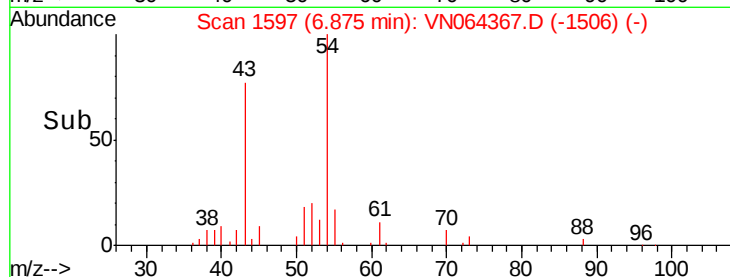
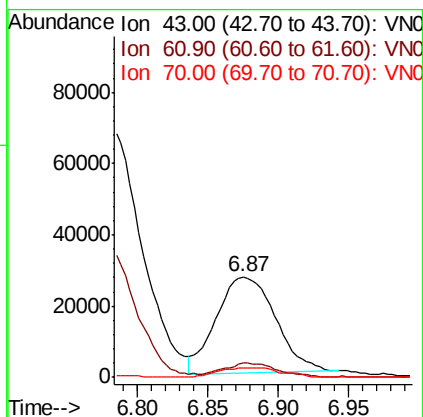
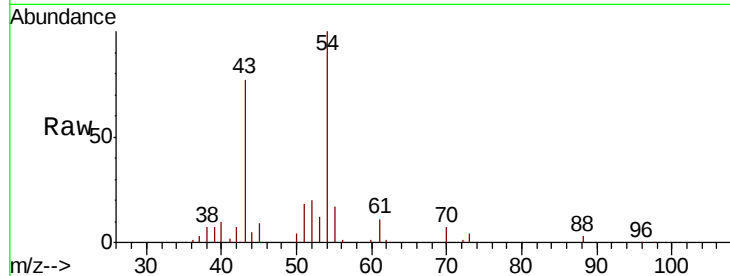




#37  
Ethyl Acetate  
Concen: 16.850 ug/l  
RT: 6.87 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

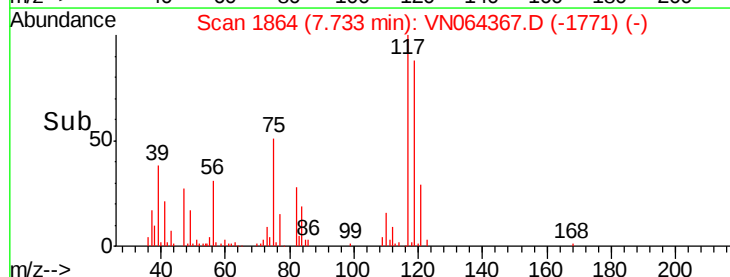
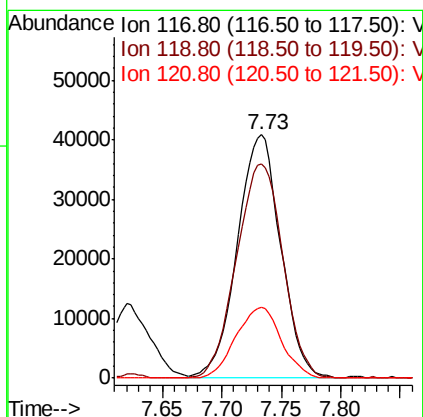
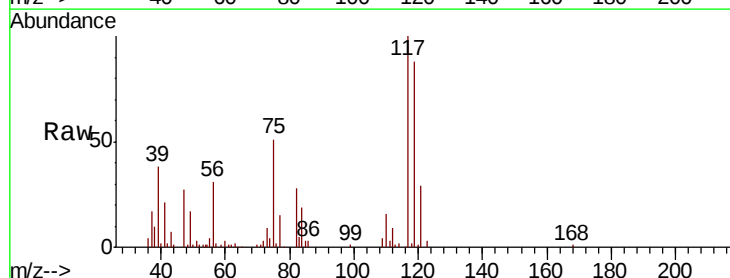
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

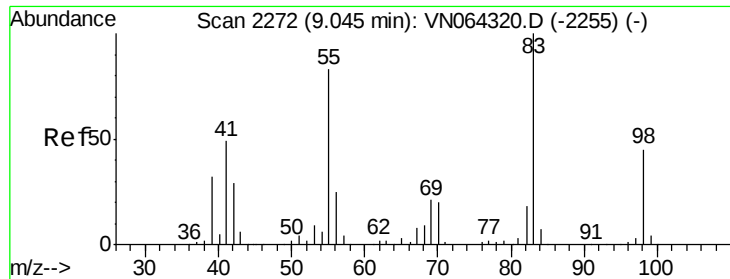
Tot Ion: 43 Resp: 79170  
Ion Ratio Lower Upper  
43 100  
61 12.7 10.0 15.0  
70 10.6 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 19.168 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 117 Resp: 103371  
Ion Ratio Lower Upper  
117 100  
119 88.0 73.7 110.5  
121 29.1 22.8 34.2

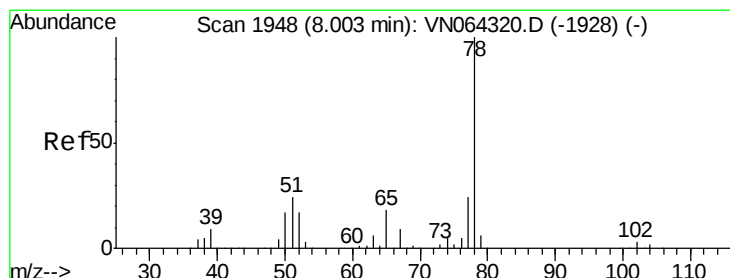
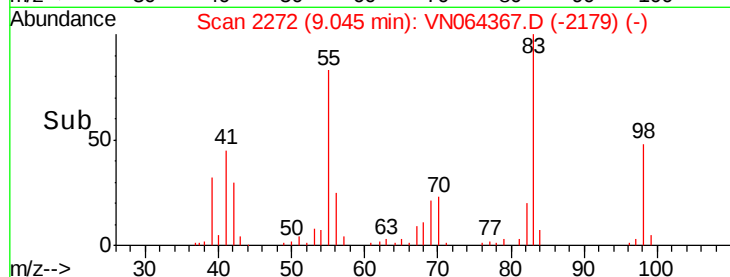
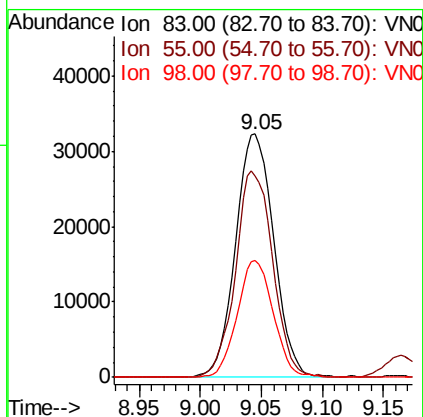
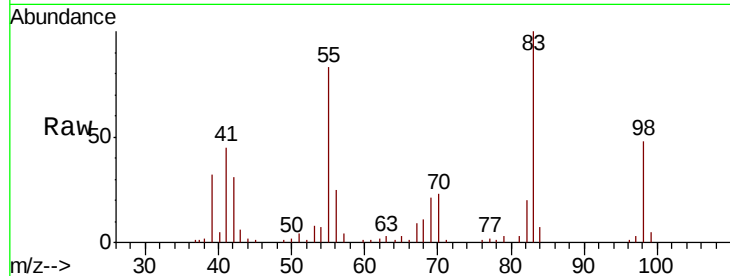




#39  
Methvlcvclohexane  
Concen: 15.182 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

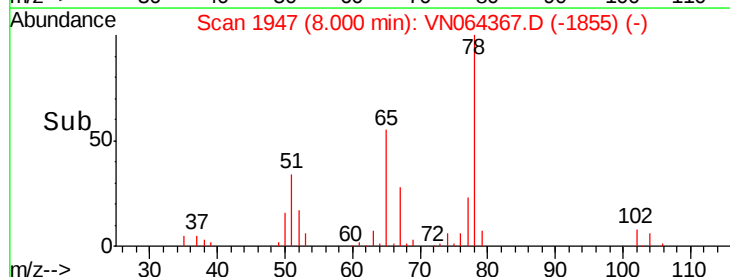
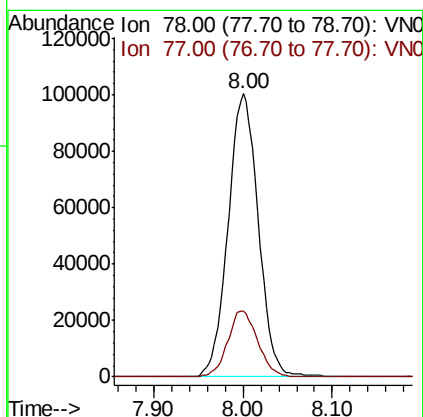
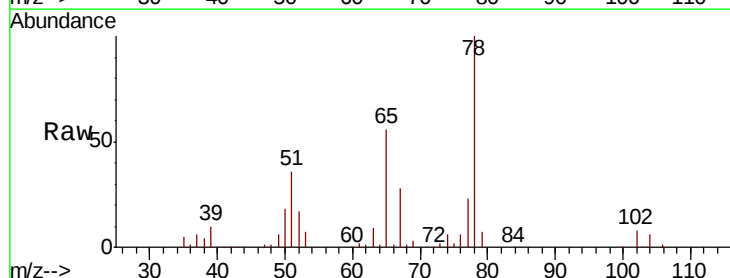
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

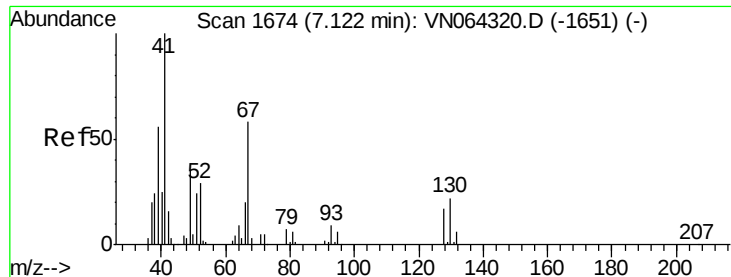
Tot Ion: 83 Resp: 70023  
Ion Ratio Lower Upper  
83 100  
55 82.8 66.2 99.4  
98 48.0 36.0 54.0



#40  
Benzene  
Concen: 18.200 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 78 Resp: 235647  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.8 28.2

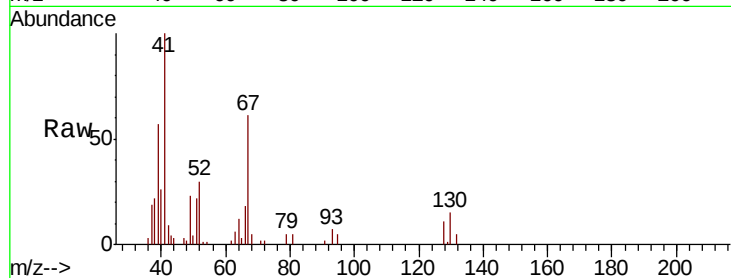




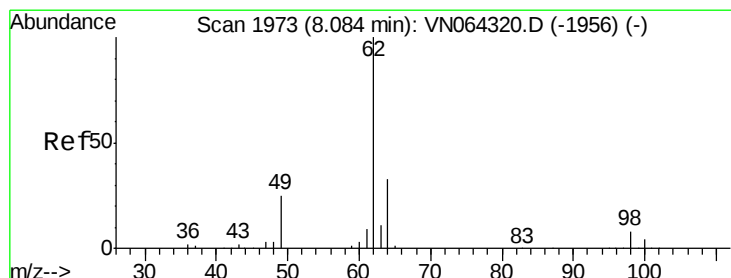
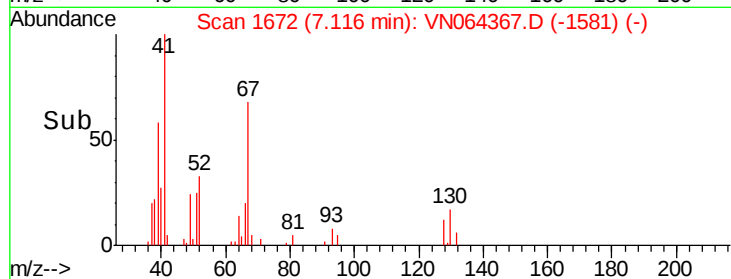
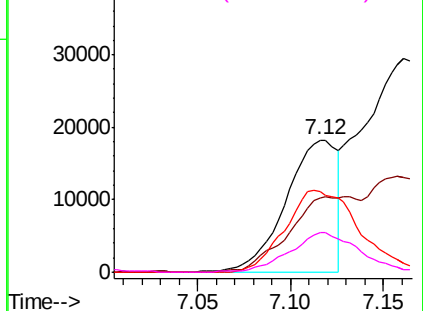
#41  
Methacrylonitrile  
Concen: 15.056 ug/l  
RT: 7.12 min Scan# 1672  
Delta R.T. -0.01 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 35117 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.3  | 48.6  | 72.8  |
| 67       | 90.6  | 61.4  | 92.2  |
| 52       | 41.1  | 27.6  | 41.4  |

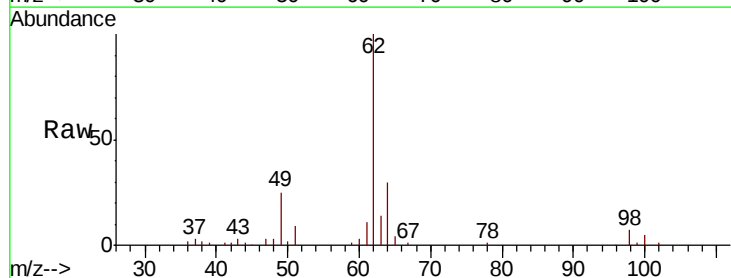


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

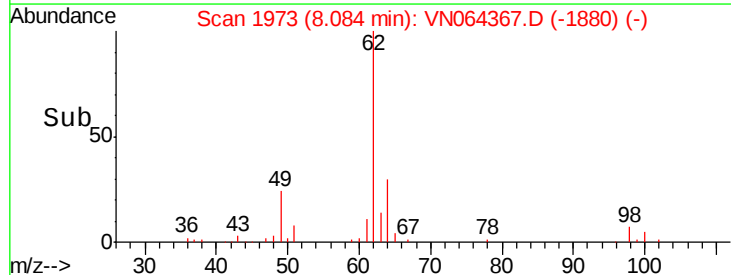
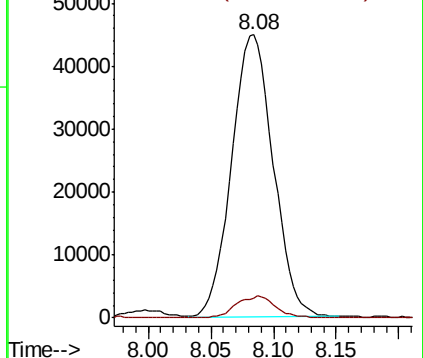


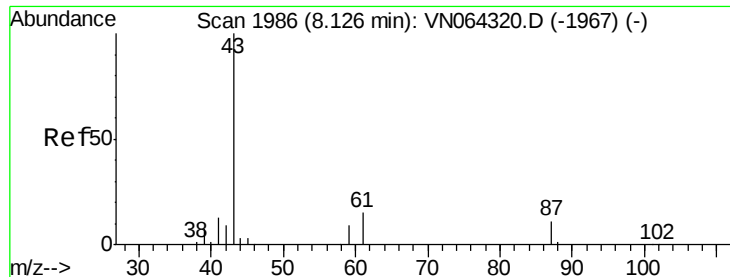
#42  
1,2-Dichloroethane  
Concen: 18.504 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 103494 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.3   | 0.0   | 14.2   |



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





#43

Isopropyl Acetate

Concen: 18.641 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

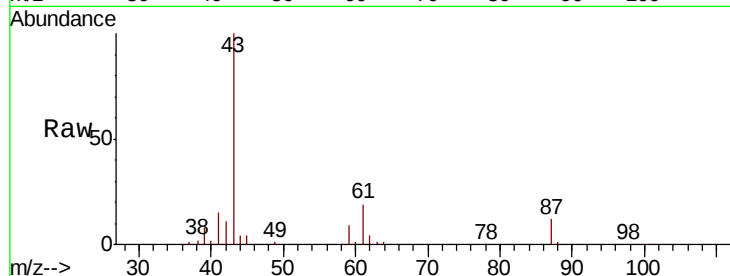
MSVOA\_N

ClientSampleId :

VN1029WBS01

Tot Ion: 43 Resp: 149723

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 17.9  | 19.1  | 28.7# |
| 87  | 11.3  | 9.3   | 13.9  |

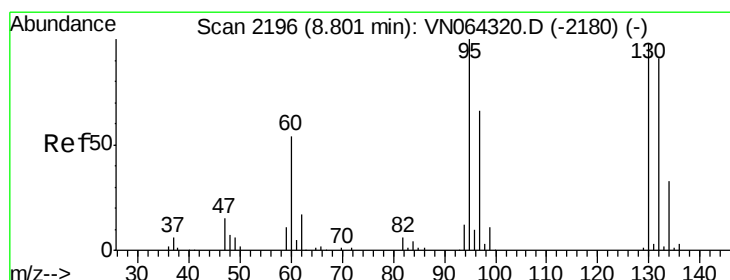
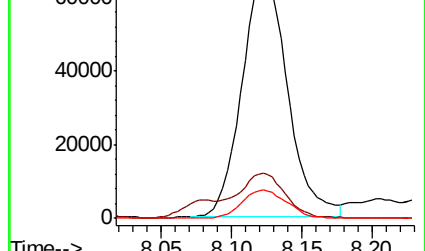
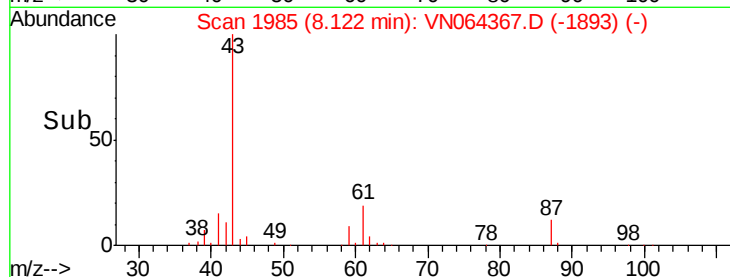


Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064320.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1967) (-)

Time-->



#44

Trichloroethene

Concen: 18.598 ug/l

RT: 8.80 min Scan# 2196

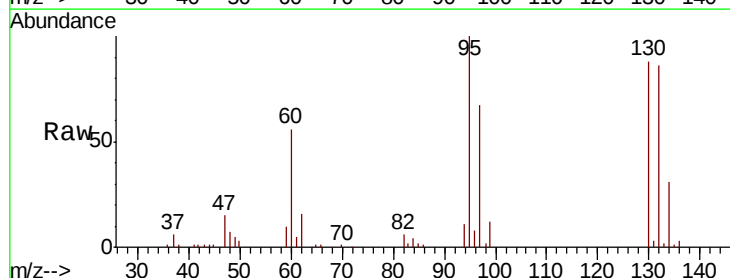
Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Tgt Ion: 130 Resp: 63082

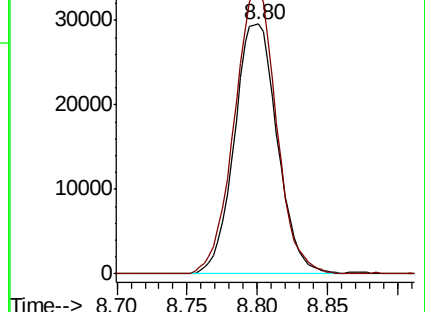
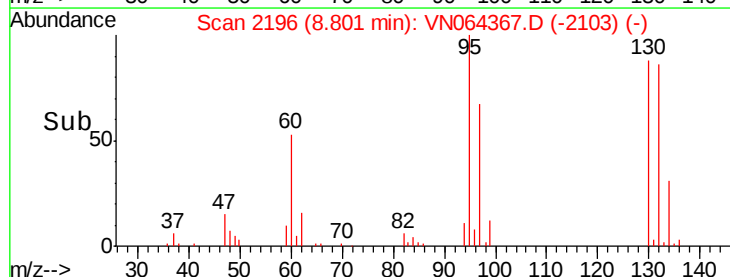
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 113.3 | 0.0   | 203.6 |

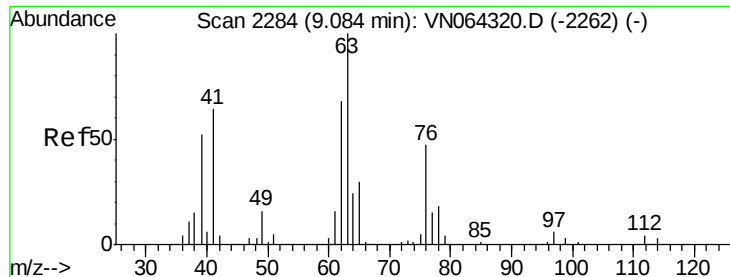


Abundance Ion 129.80 (129.50 to 130.50): VN064320.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064320.D (-2180) (-)

Time-->

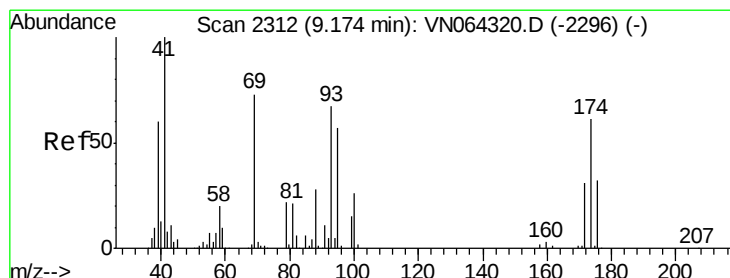
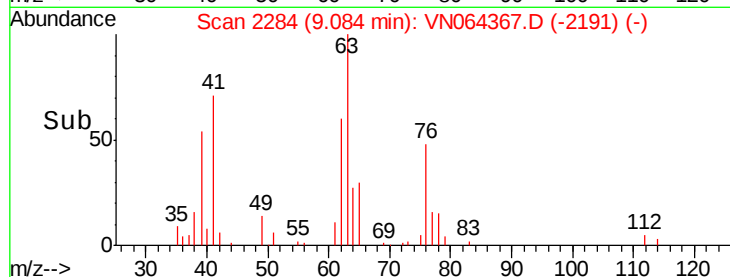
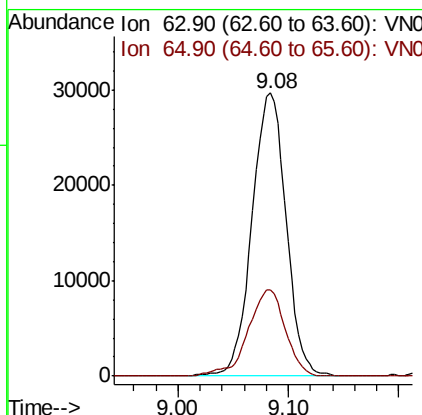
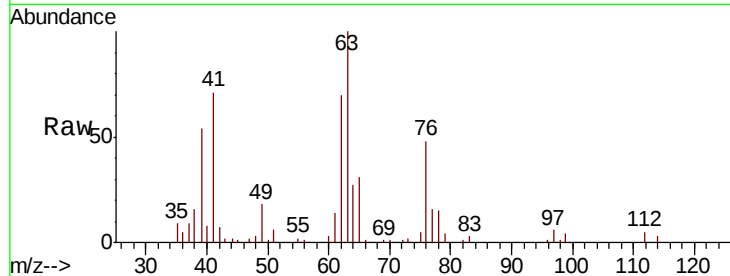




#45  
 1,2-Dichloropropane  
 Concen: 18.430 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

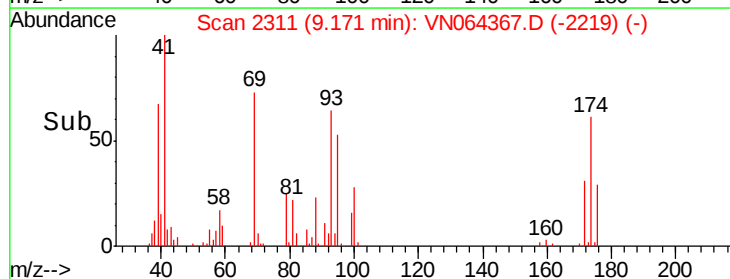
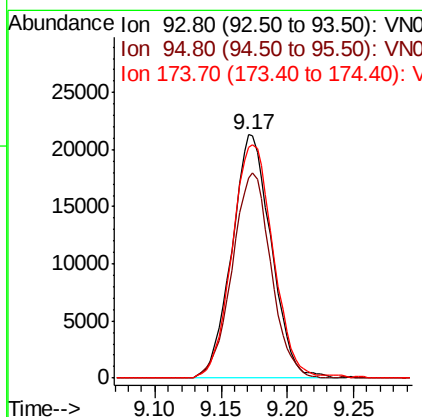
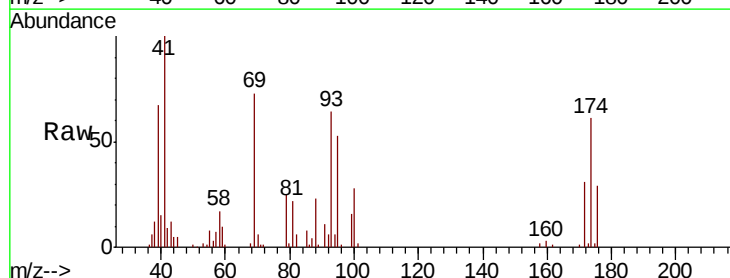
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

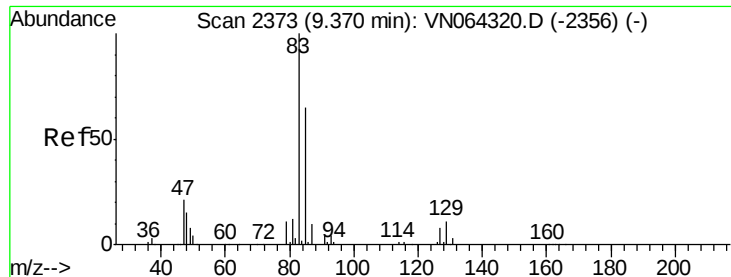
Tot Ion: 63 Resp: 63901  
 Ion Ratio Lower Upper  
 63 100  
 65 30.5 24.3 36.5



#46  
 Dibromomethane  
 Concen: 18.127 ug/l  
 RT: 9.17 min Scan# 2311  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Tgt Ion: 93 Resp: 43968  
 Ion Ratio Lower Upper  
 93 100  
 95 83.2 64.4 96.6  
 174 99.9 71.4 107.0





#47

Bromodichloromethane

Concen: 17.872 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

VN1029WBS01

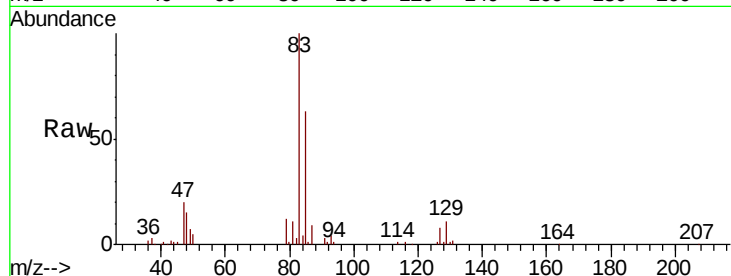
Tot Ion: 83 Resp: 96072

Ion Ratio Lower Upper

83 100

85 62.6 52.1 78.1

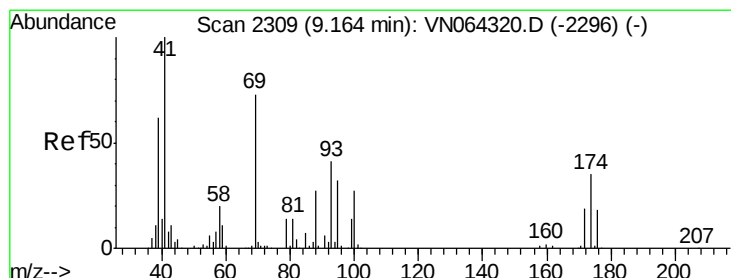
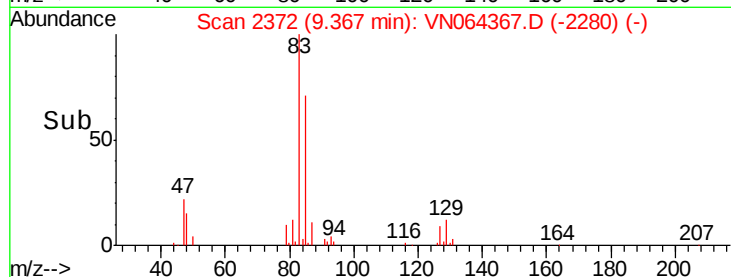
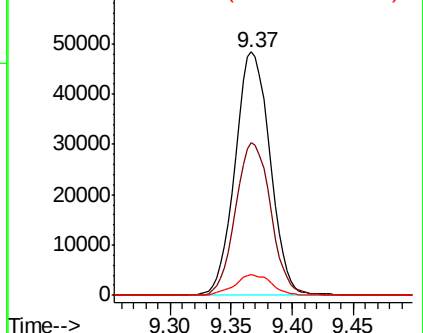
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064320.D (-2356) (-)



#48

Methyl methacrylate

Concen: 18.015 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

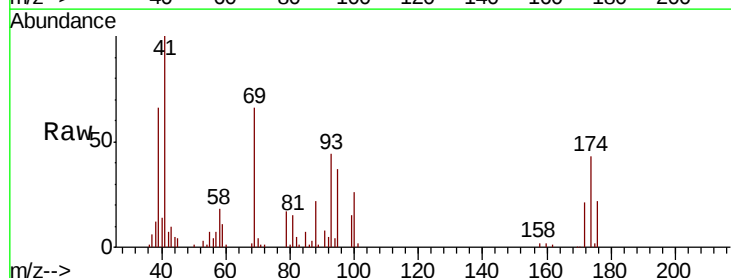
Tgt Ion: 41 Resp: 74652

Ion Ratio Lower Upper

41 100

69 69.8 59.1 88.7

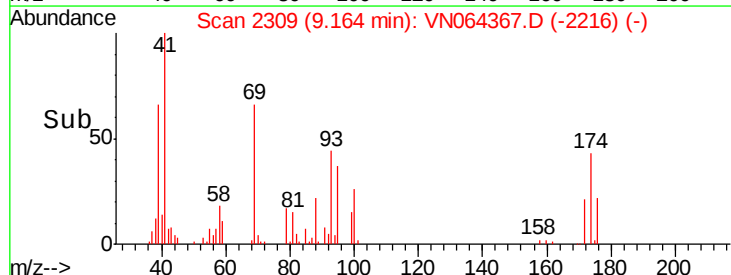
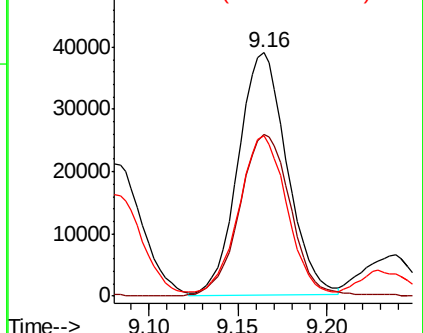
39 64.6 51.3 76.9

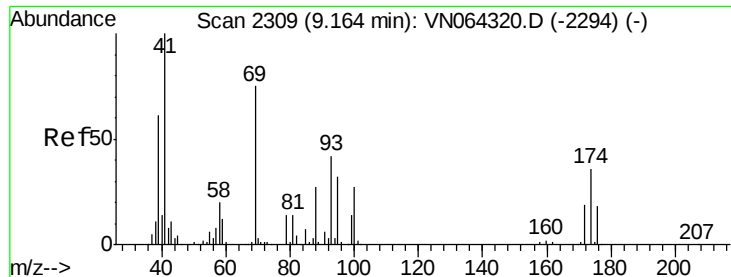


Abundance Ion 41.00 (40.70 to 41.70): VN064320.D (-2296) (-)

Ion 69.00 (68.70 to 69.70): VN064320.D (-2296) (-)

Ion 39.00 (38.70 to 39.70): VN064320.D (-2296) (-)

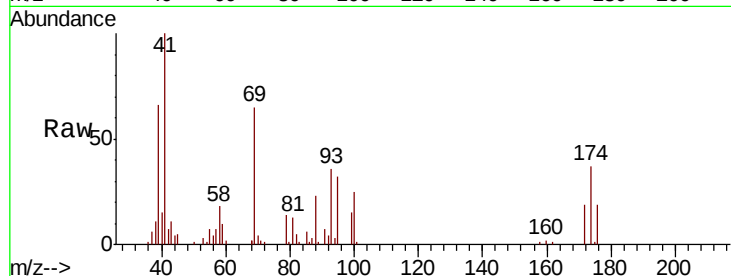




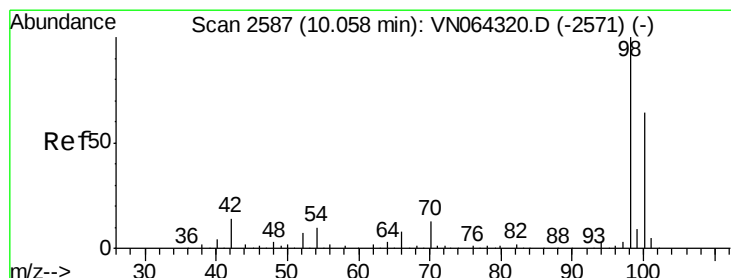
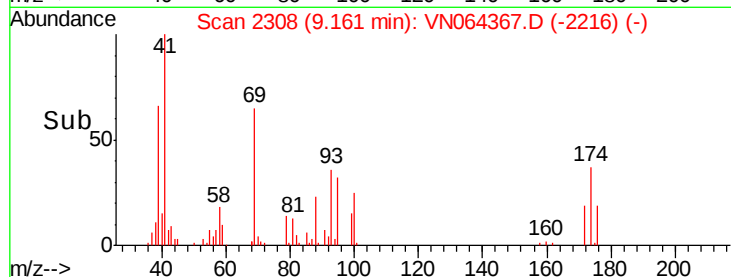
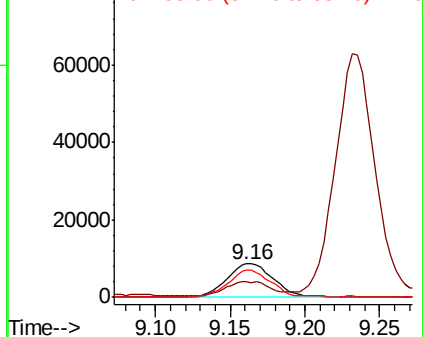
#49  
 1,4-Dioxane  
 Concen: 306.832 ug/l  
 RT: 9.16 min Scan# 2308  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

Tot Ion: 88 Resp: 18741  
 Ion Ratio Lower Upper  
 88 100  
 43 41.8 31.8 47.8  
 58 76.5 60.3 90.5

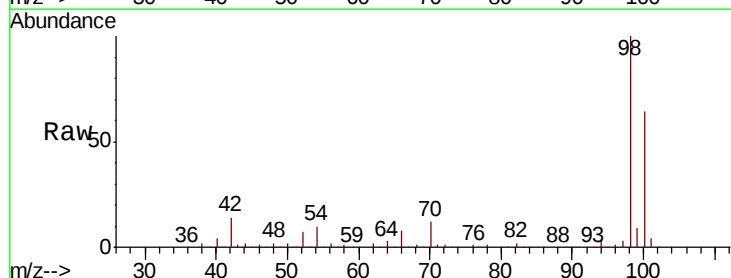


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

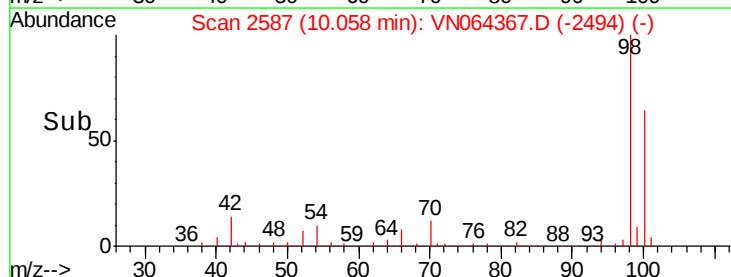
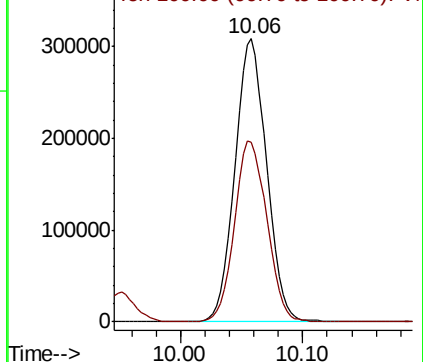


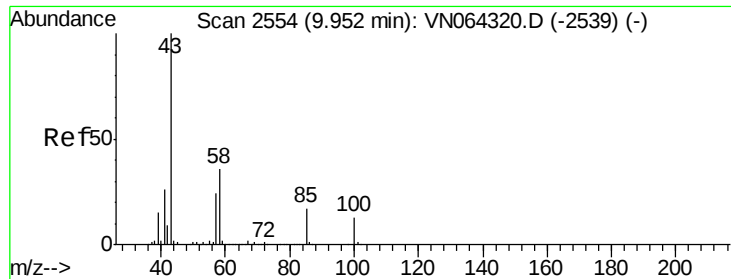
#50  
 Toluene-d8  
 Concen: 48.813 ug/l  
 RT: 10.06 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Tgt Ion: 98 Resp: 554964  
 Ion Ratio Lower Upper  
 98 100  
 100 65.1 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 90.926 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampled :

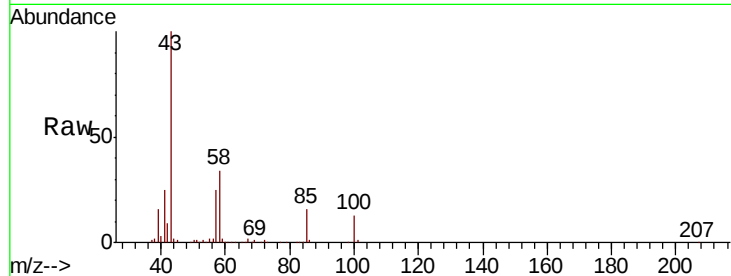
VN1029WBS01

Tot Ion: 43 Resp: 424517

Ion Ratio Lower Upper

43 100

58 35.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

250000

200000

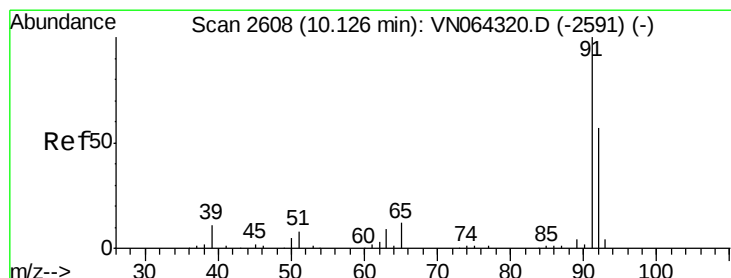
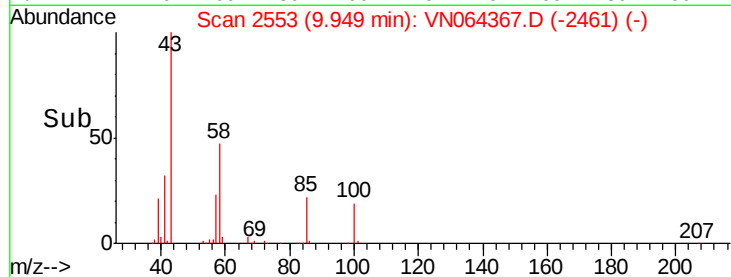
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.469 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064367.D

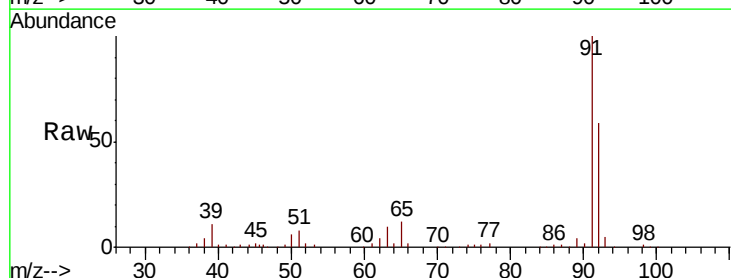
Acq: 29 Oct 2020 12:31

Tgt Ion: 92 Resp: 150896

Ion Ratio Lower Upper

92 100

91 174.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

10.12

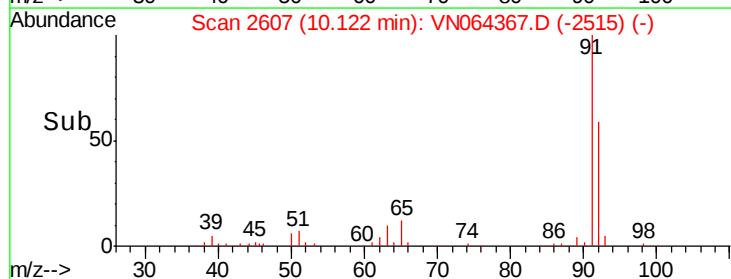
150000

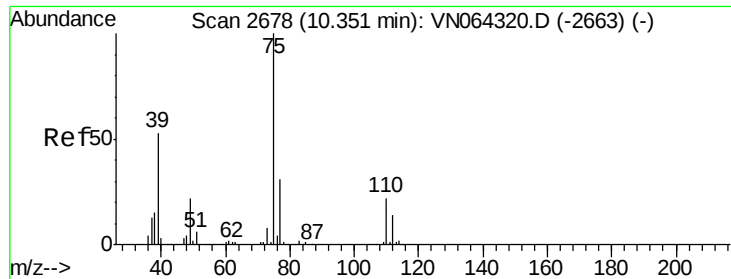
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.322 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampled :

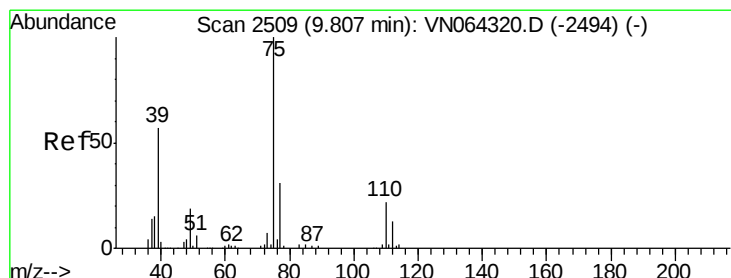
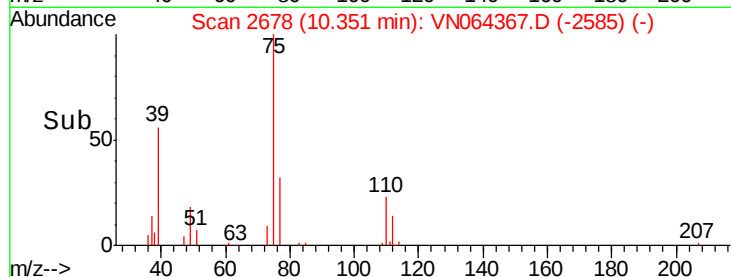
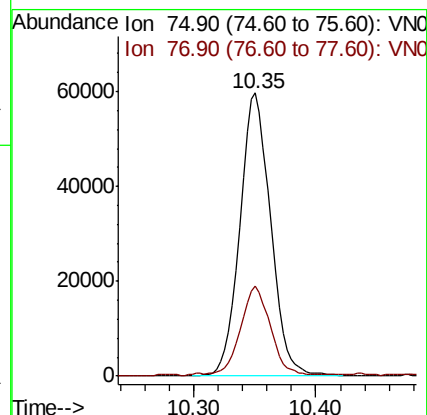
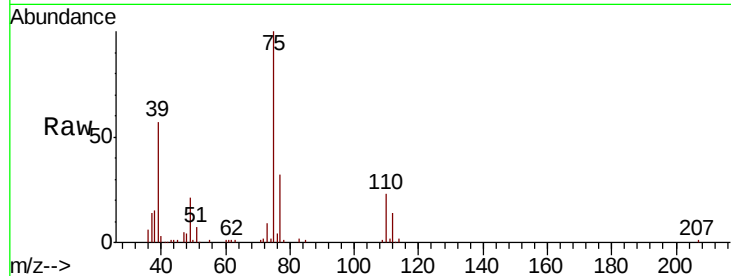
VN1029WBS01

Tot Ion: 75 Resp: 104142

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.622 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

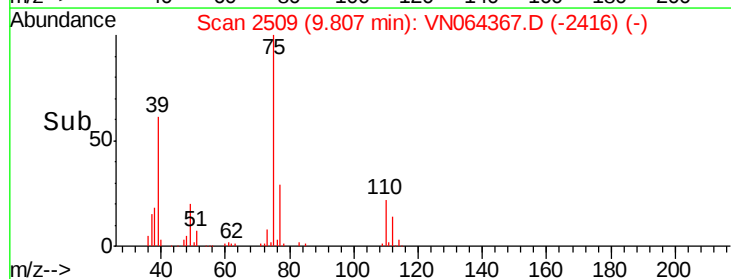
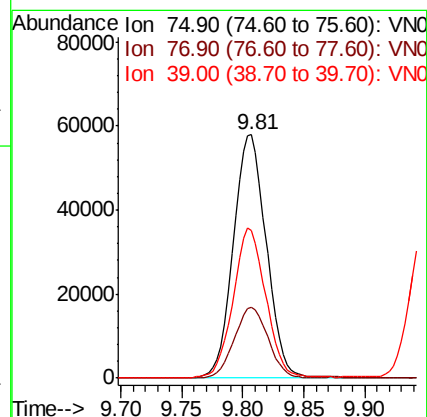
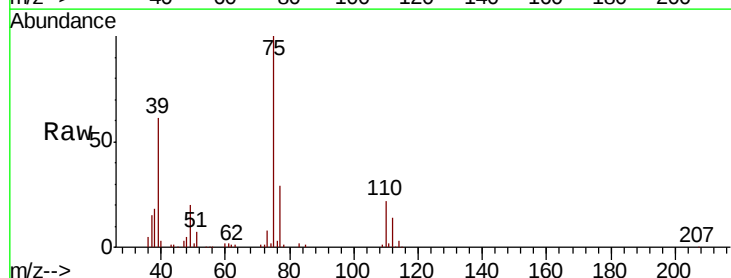
Tgt Ion: 75 Resp: 108959

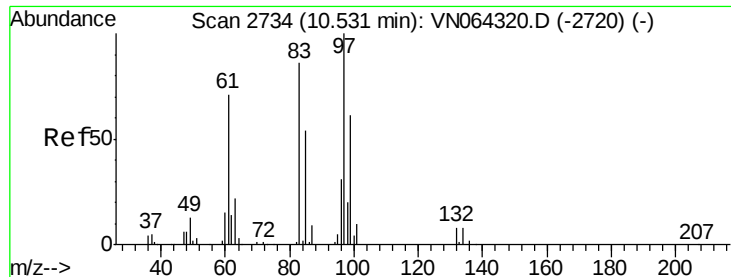
Ion Ratio Lower Upper

75 100

77 29.2 25.0 37.4

39 60.4 45.5 68.3

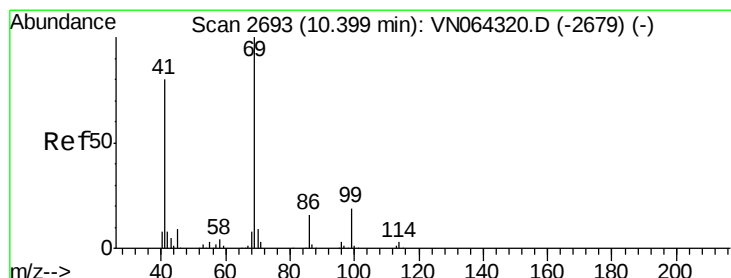
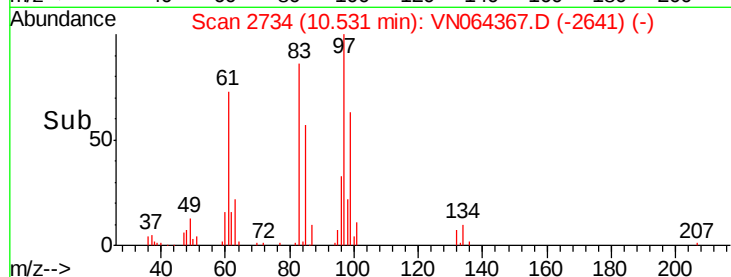
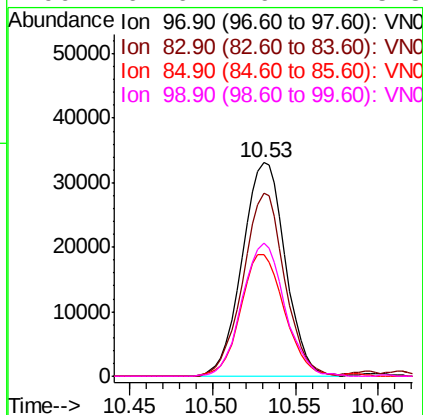
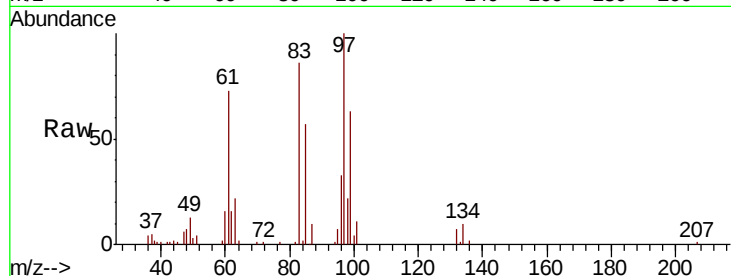




#55  
 1,1,2-Trichloroethane  
 Concen: 18.506 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

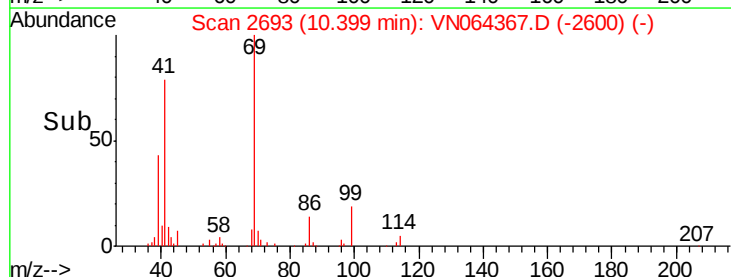
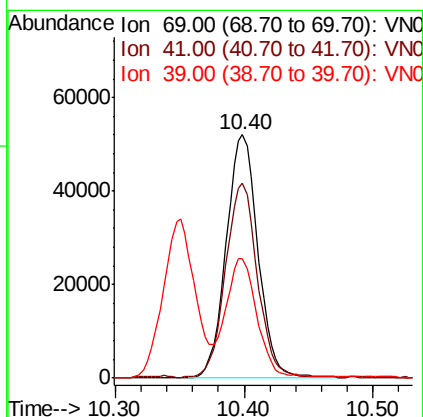
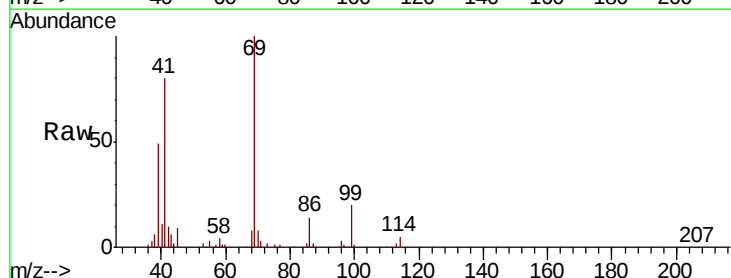
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

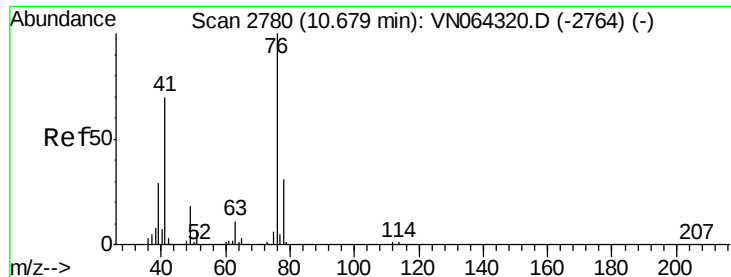
| Tot Ion | 97    | Resp  | 59684 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 85.8  | 68.9  | 103.3 |
| 85      | 56.7  | 43.6  | 65.4  |
| 99      | 62.6  | 49.2  | 73.8  |



#56  
 Ethyl methacrylate  
 Concen: 18.264 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

| Tgt Ion | 69    | Resp  | 89166 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 79.2  | 61.4  | 92.2  |
| 39      | 47.4  | 36.5  | 54.7  |





#57

1,3-Dichloropropane

Concen: 18.930 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

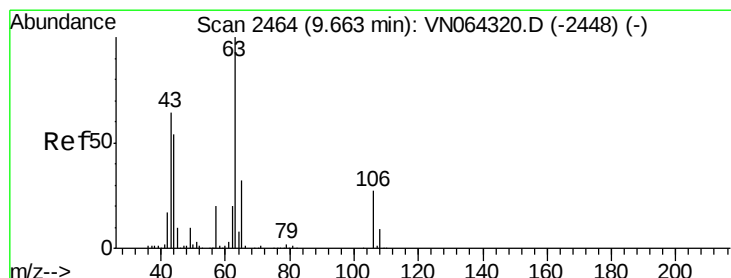
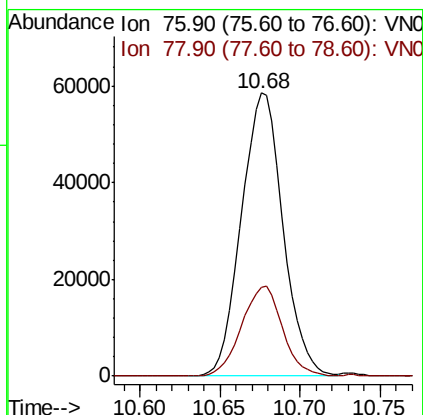
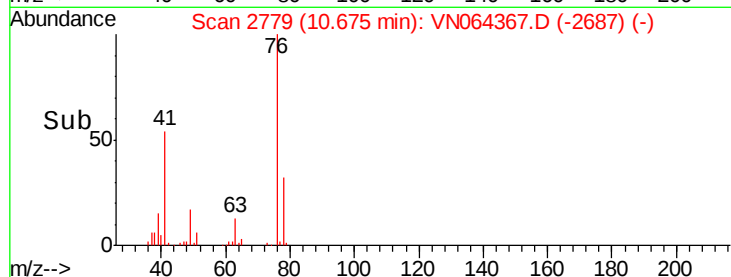
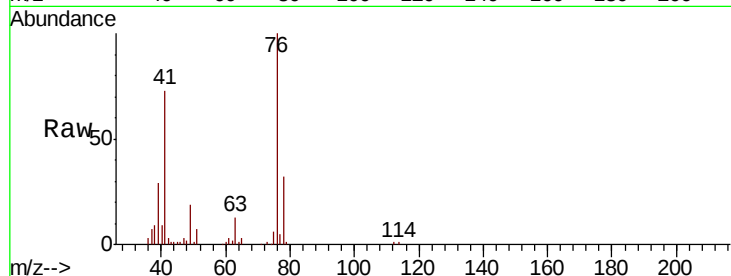
VN1029WBS01

Tot Ion: 76 Resp: 104145

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 85.694 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064367.D

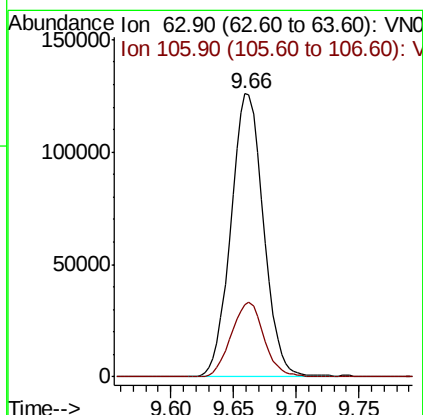
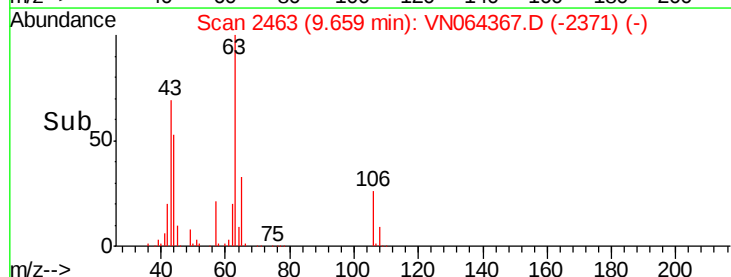
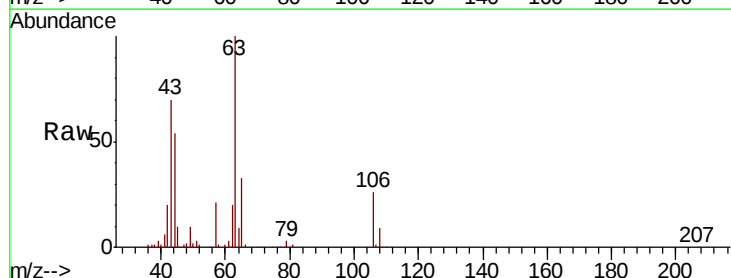
Acq: 29 Oct 2020 12:31

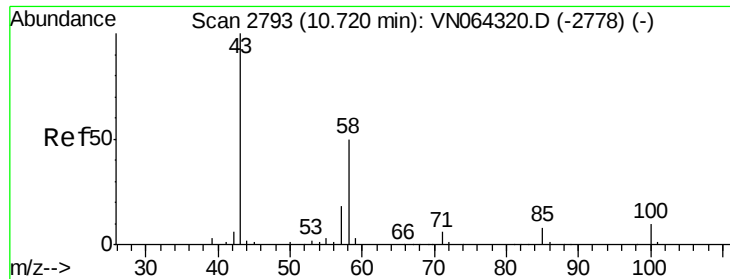
Tgt Ion: 63 Resp: 228299

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4

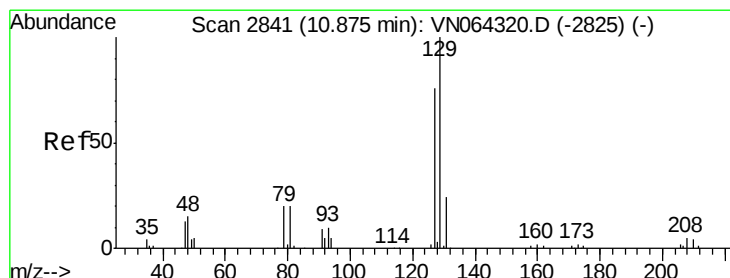
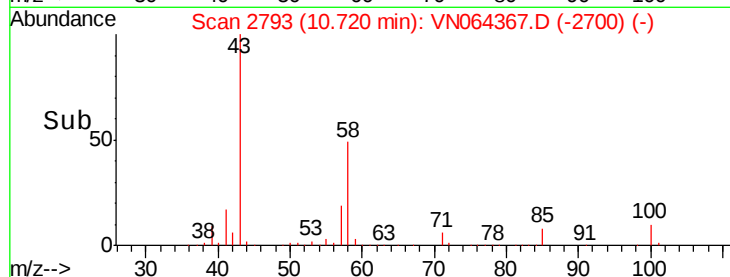
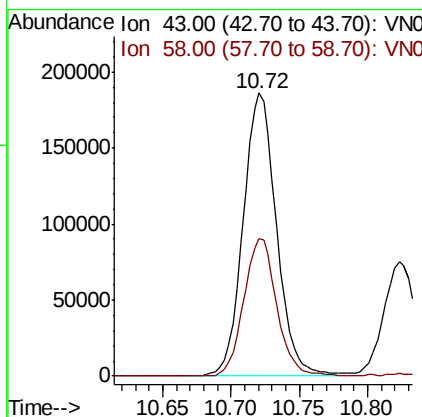
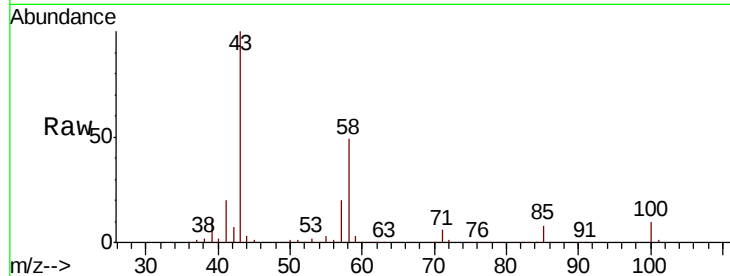




#59  
2-Hexanone  
Concen: 91.256 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

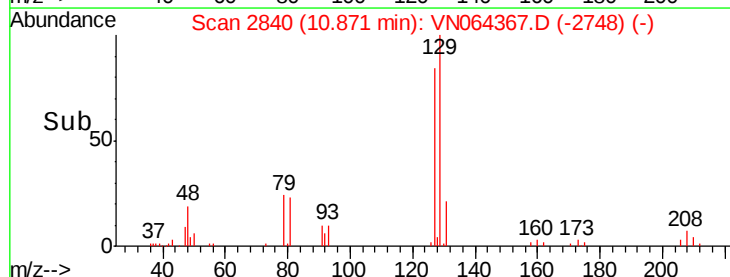
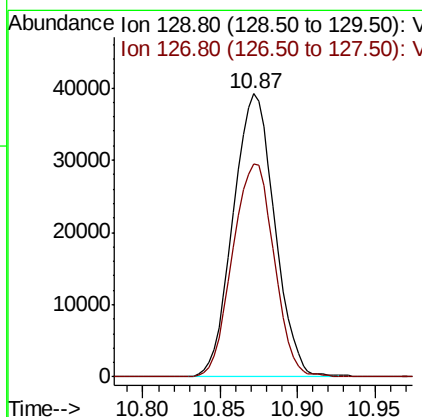
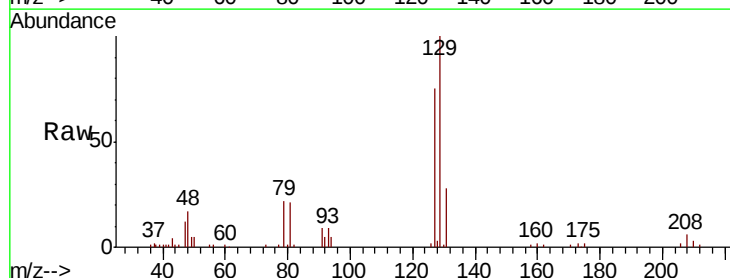
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

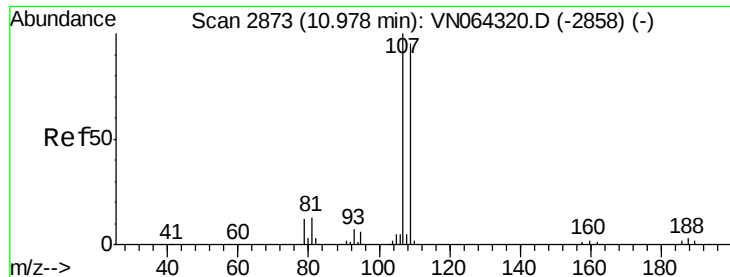
Tot Ion: 43 Resp: 313789  
Ion Ratio Lower Upper  
43 100  
58 48.4 25.0 75.0



#60  
Dibromochloromethane  
Concen: 19.174 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 129 Resp: 73114  
Ion Ratio Lower Upper  
129 100  
127 75.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.937 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

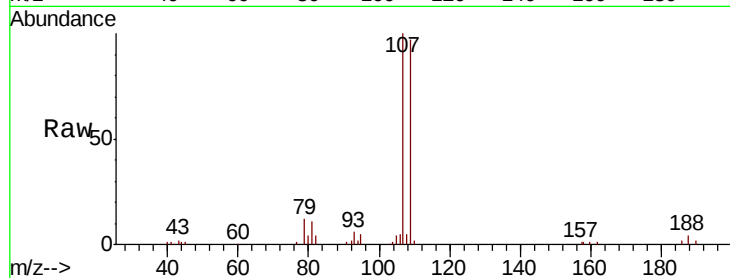
VN1029WBS01

Tot Ion:107 Resp: 62231

Ion Ratio Lower Upper

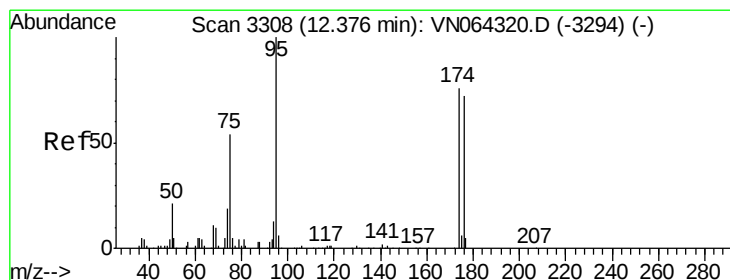
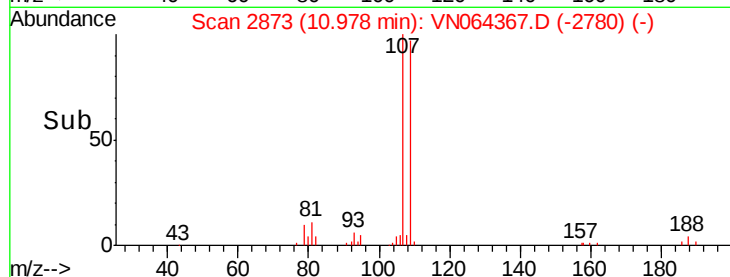
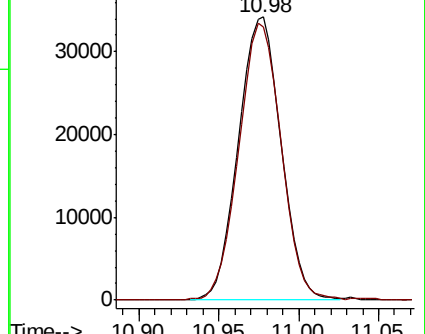
107 100

109 97.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.290 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

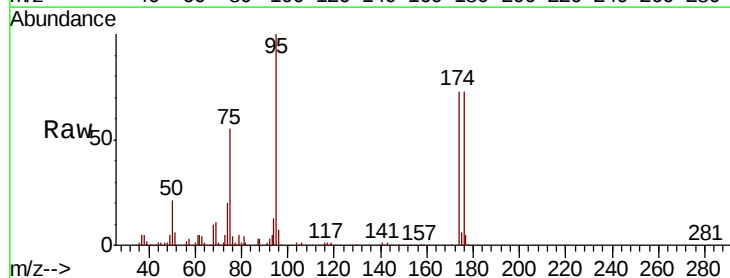
Tgt Ion: 95 Resp: 218492

Ion Ratio Lower Upper

95 100

174 73.8 0.0 147.4

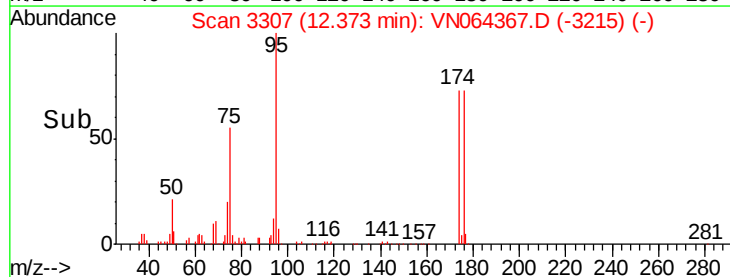
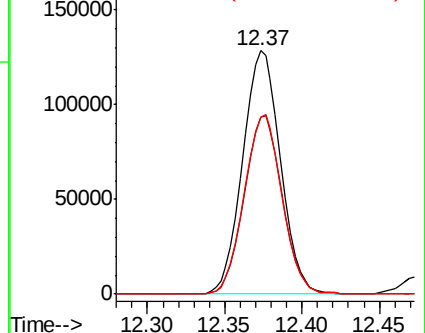
176 73.9 0.0 143.6

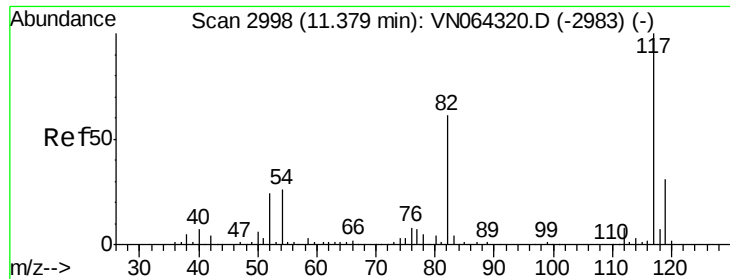


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

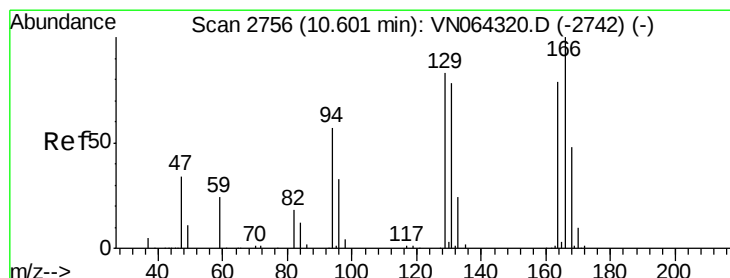
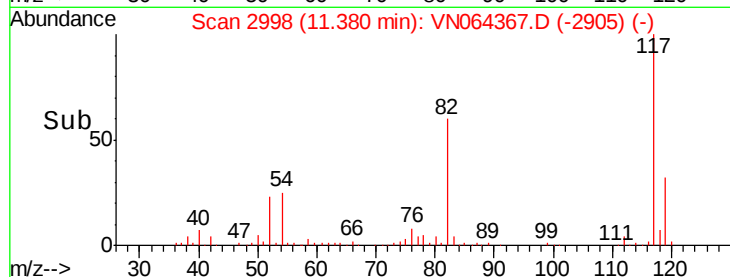
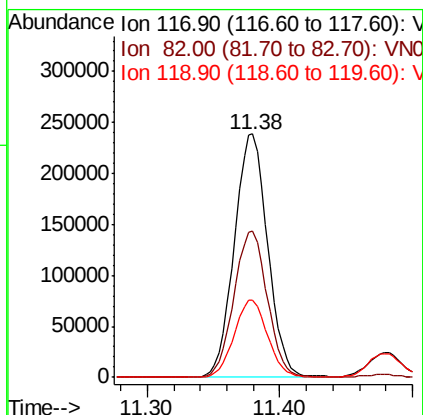
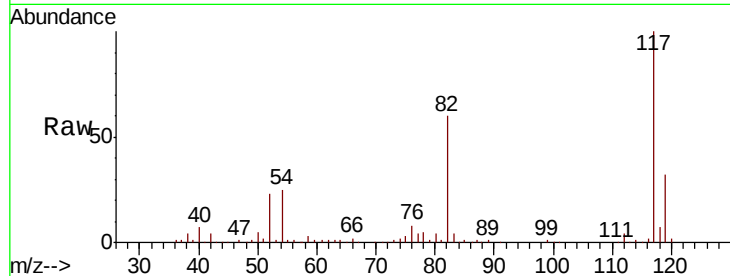




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

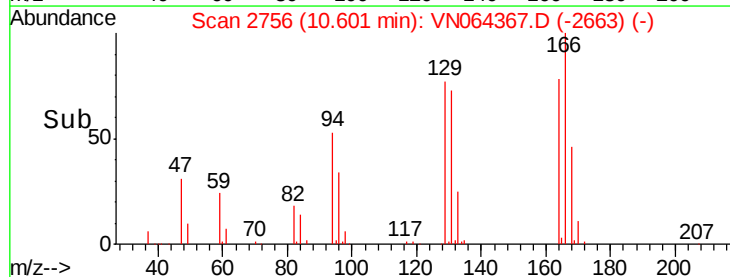
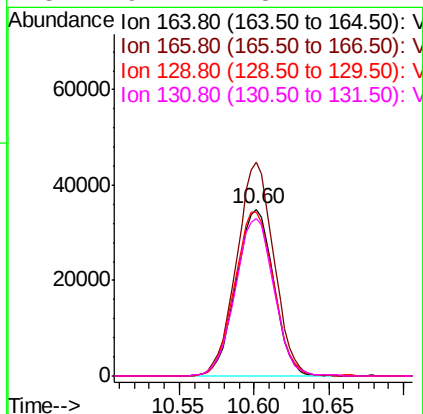
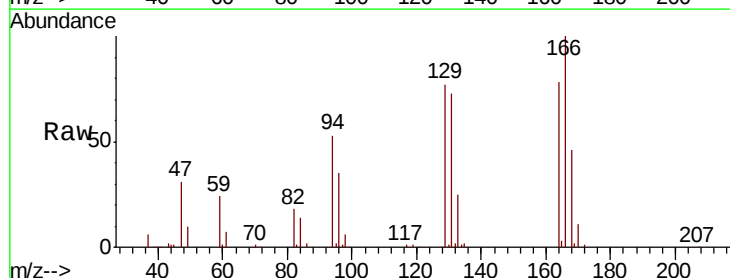
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

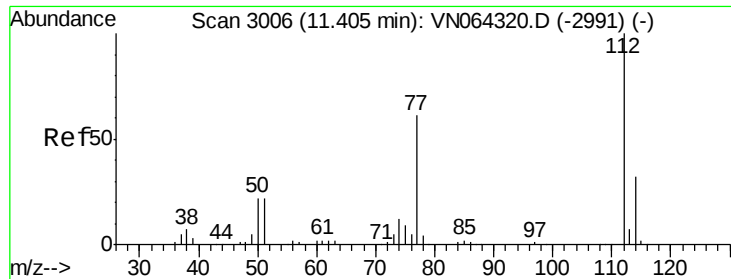
Tot Ion:117 Resp: 417297  
Ion Ratio Lower Upper  
117 100  
82 60.2 48.8 73.2  
119 31.7 25.1 37.7



#64  
Tetrachloroethene  
Concen: 17.851 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion:164 Resp: 61223  
Ion Ratio Lower Upper  
164 100  
166 128.0 100.7 151.1  
129 98.6 83.7 125.5  
131 94.1 78.2 117.2

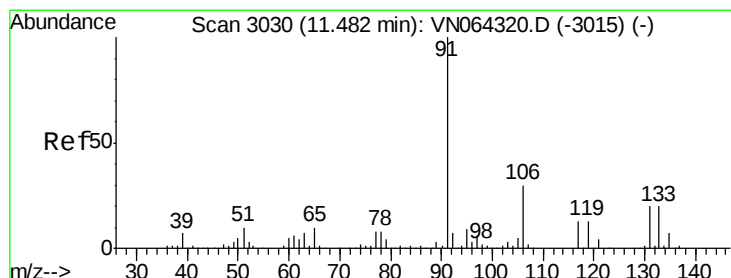
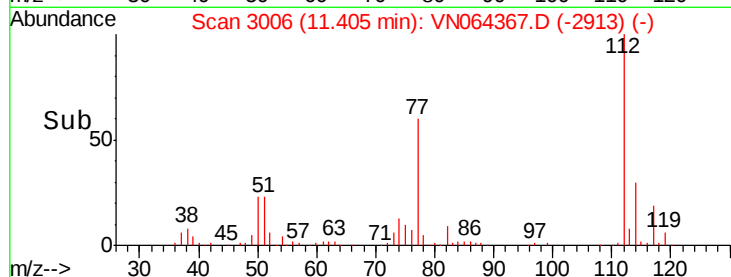
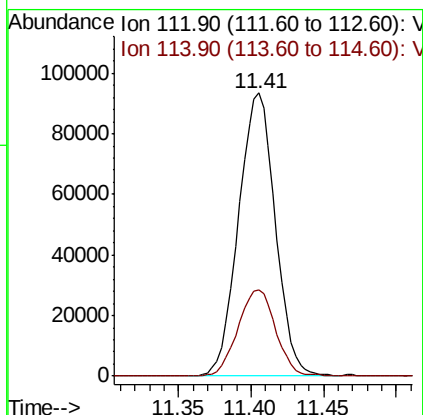
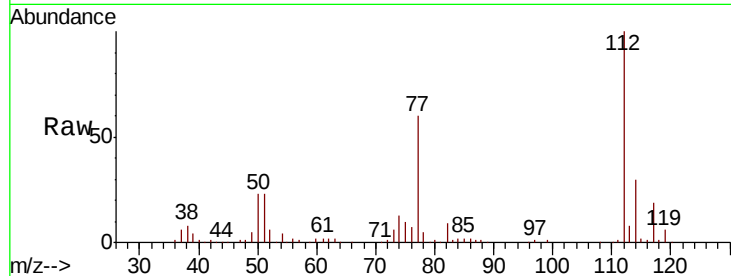




#65  
Chlorobenzene  
Concen: 19.460 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

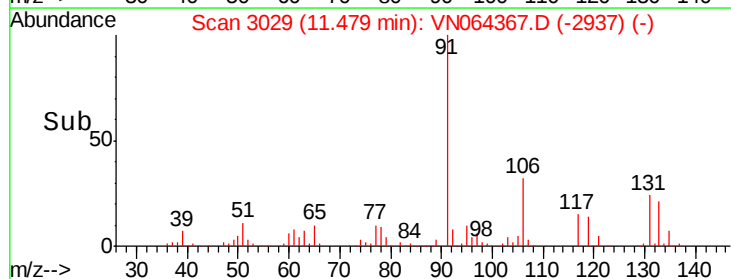
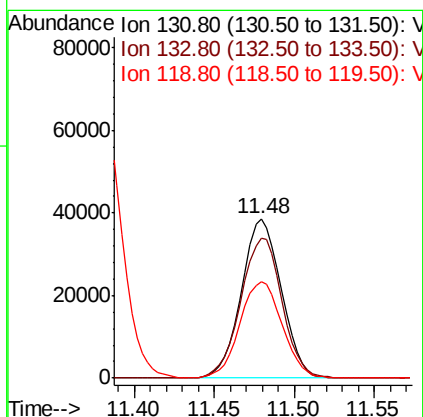
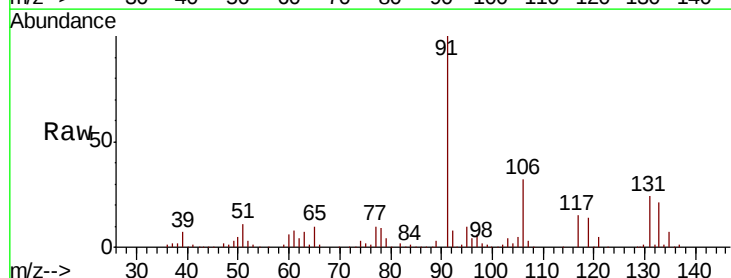
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

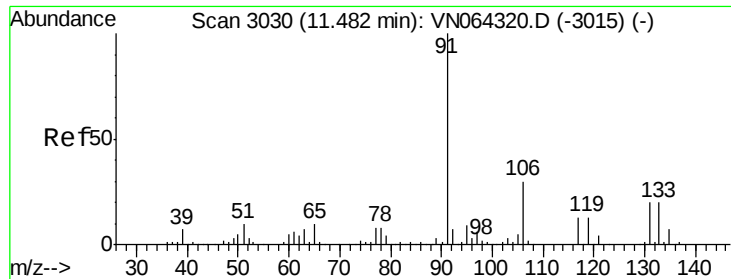
Tot Ion:112 Resp: 164631  
Ion Ratio Lower Upper  
112 100  
114 30.4 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.120 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion:131 Resp: 65379  
Ion Ratio Lower Upper  
131 100  
133 91.5 49.3 147.8  
119 64.6 32.3 96.9

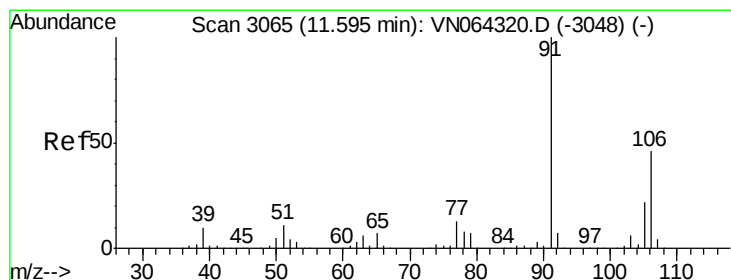
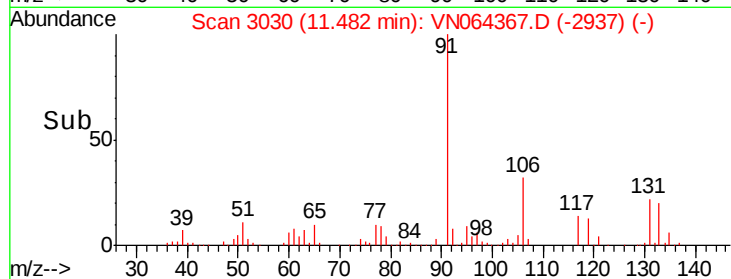
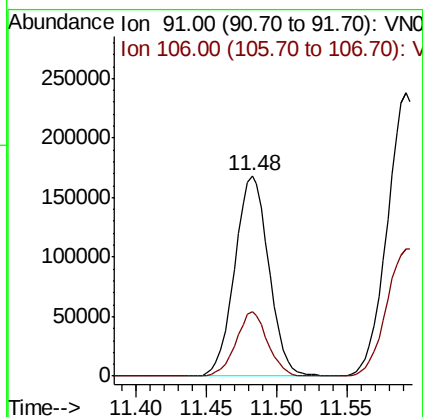
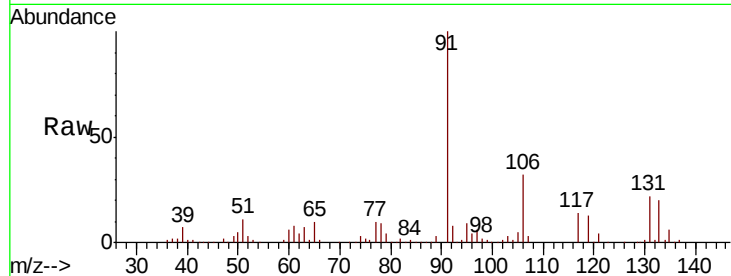




#67  
Ethyl Benzene  
Concen: 18.121 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

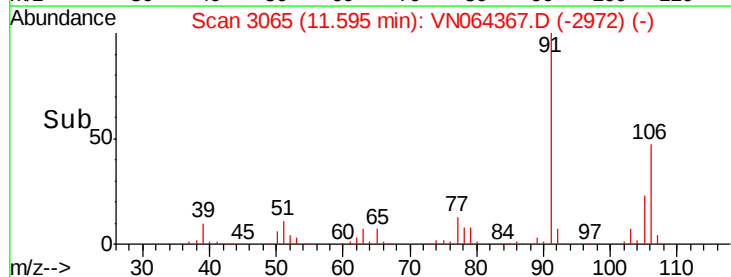
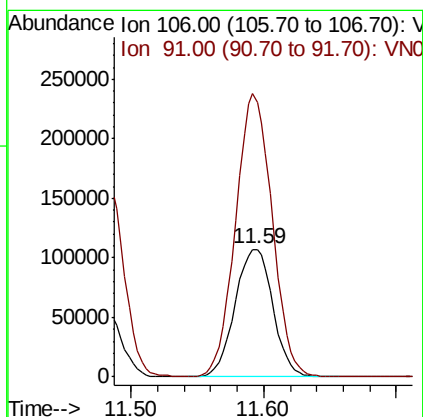
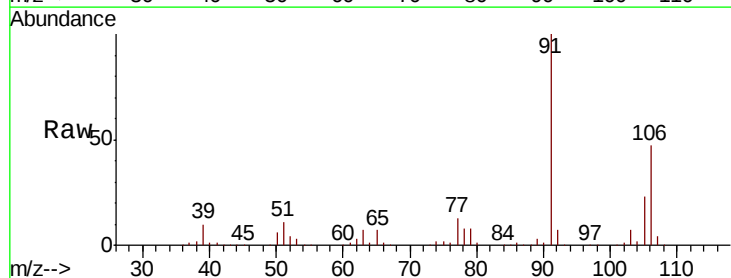
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1029WBS01

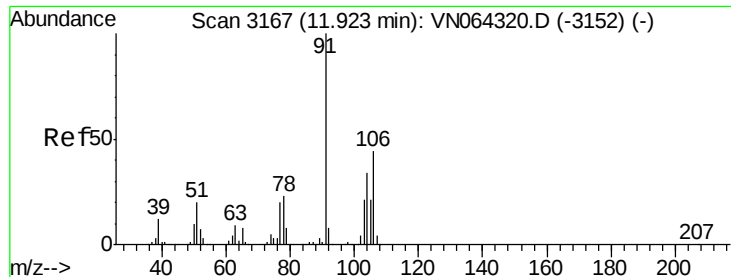
Tot Ion: 91 Resp: 285013  
Ion Ratio Lower Upper  
91 100  
106 32.4 23.7 35.5



#68  
m/p-Xylenes  
Concen: 36.220 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion: 106 Resp: 211117  
Ion Ratio Lower Upper  
106 100  
91 216.1 170.2 255.4

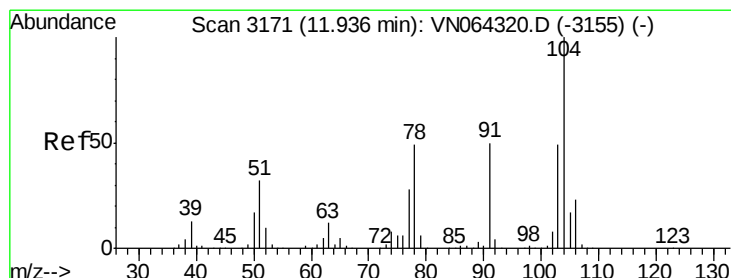
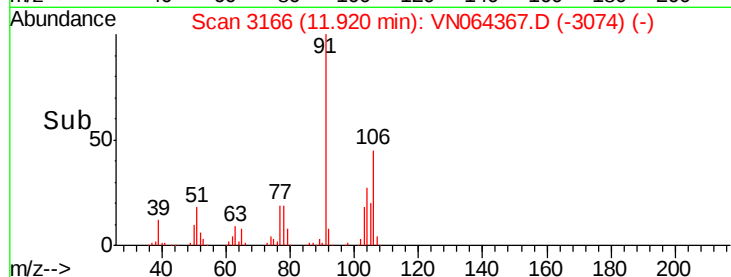
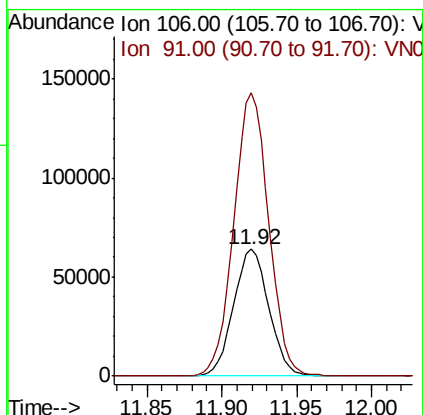
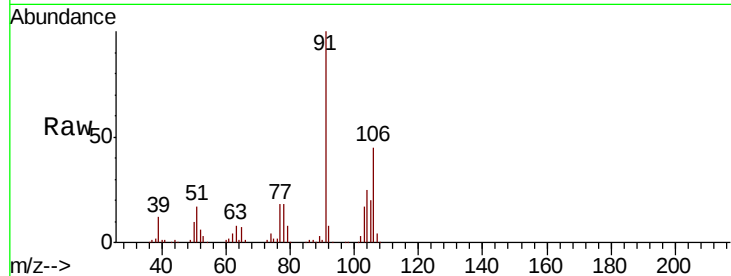




#69  
o-Xylene  
Concen: 18.724 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

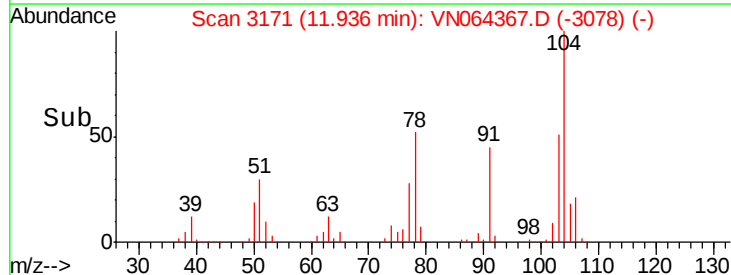
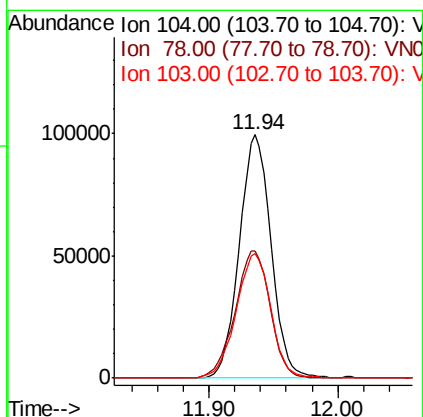
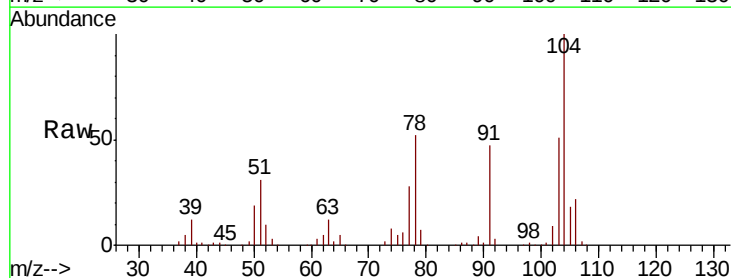
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

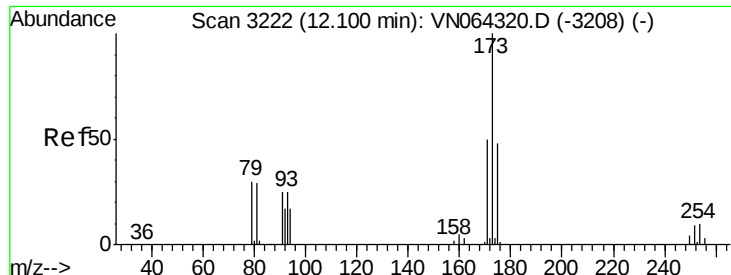
Tot Ion:106 Resp: 105144  
Ion Ratio Lower Upper  
106 100  
91 220.5 114.5 343.5



#70  
Styrene  
Concen: 18.574 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion:104 Resp: 171014  
Ion Ratio Lower Upper  
104 100  
78 57.5 43.7 65.5  
103 55.8 43.3 64.9





#71

Bromoform

Concen: 18.672 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

VN1029WBS01

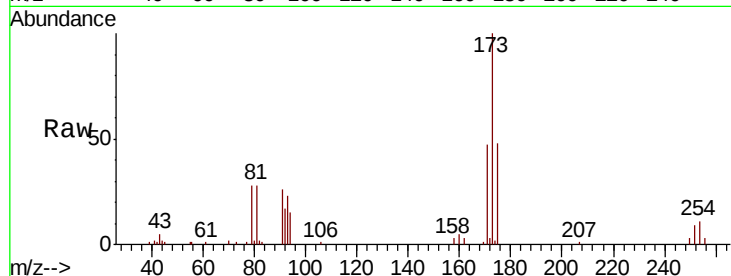
Tot Ion:173 Resp: 50111

Ion Ratio Lower Upper

173 100

175 48.3 25.4 76.0

254 0.0 0.0 0.0

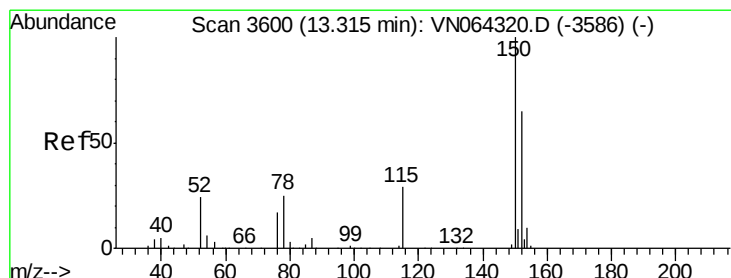
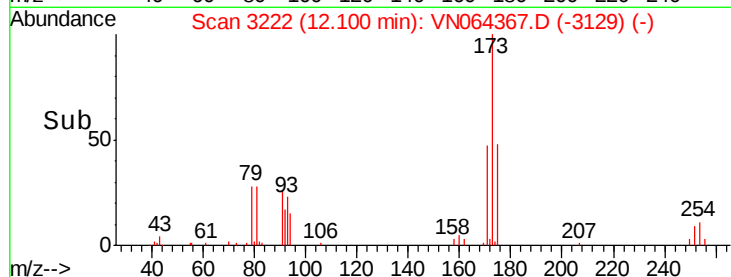
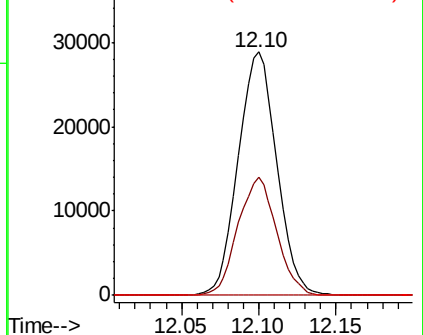


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

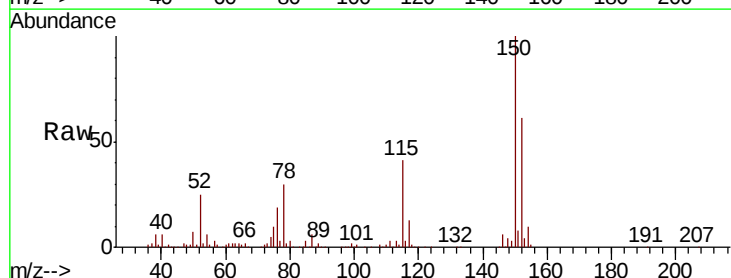
Tgt Ion:152 Resp: 188561

Ion Ratio Lower Upper

152 100

115 64.0 31.5 94.5

150 165.7 0.0 346.2

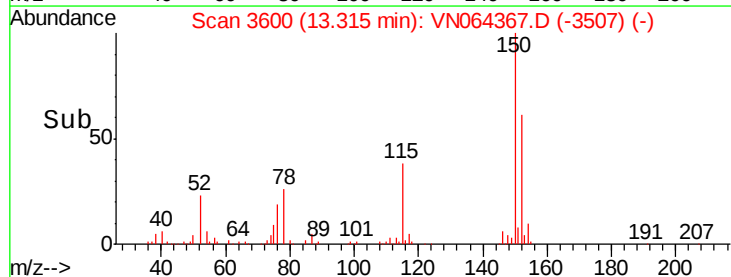
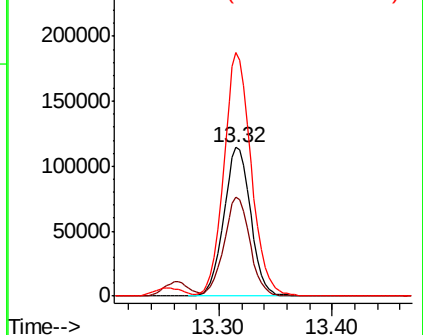


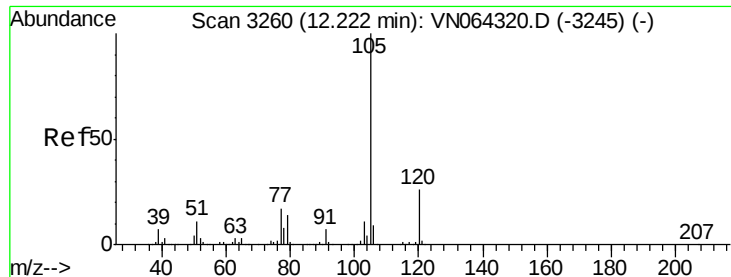
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.944 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

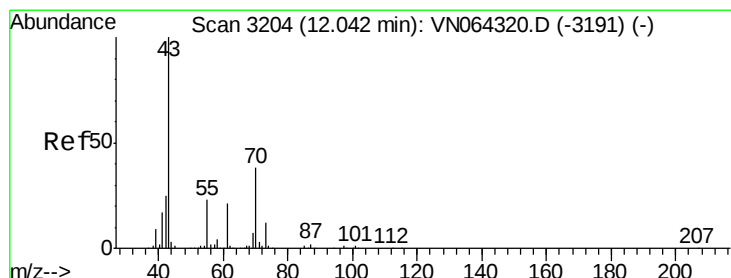
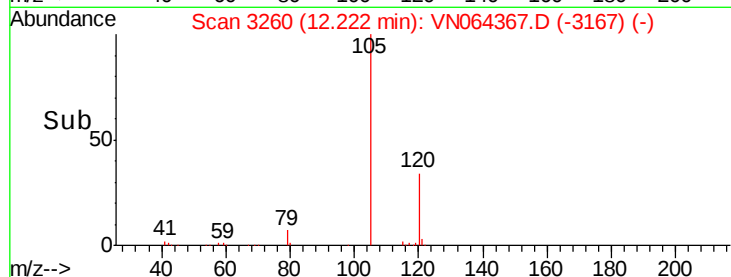
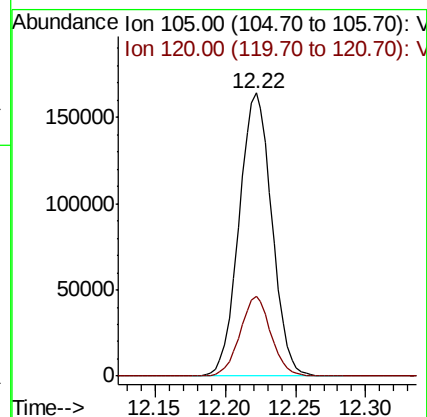
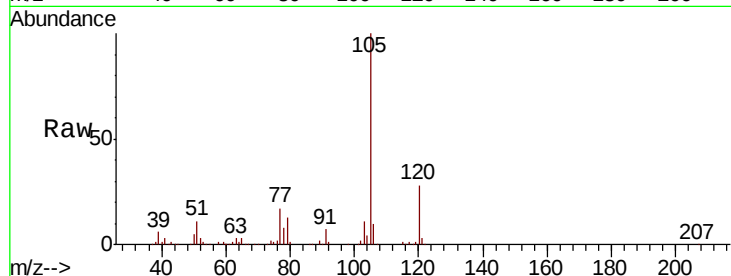
VN1029WBS01

Tot Ion:105 Resp: 267539

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 19.756 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Tgt Ion: 43 Resp: 122809

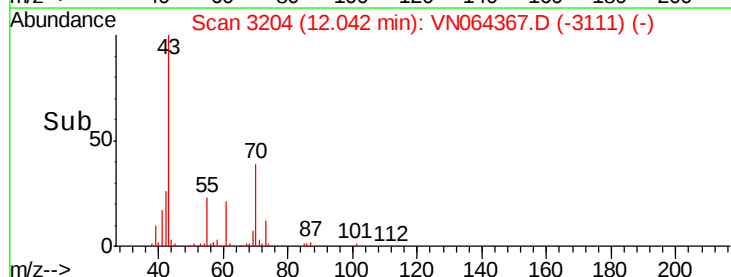
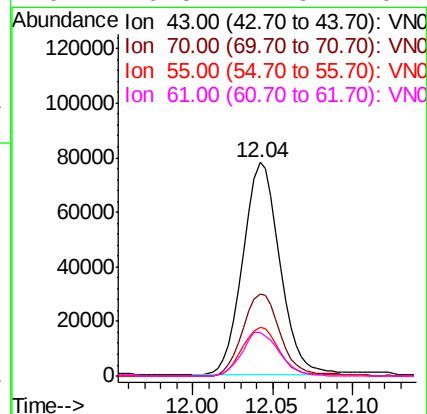
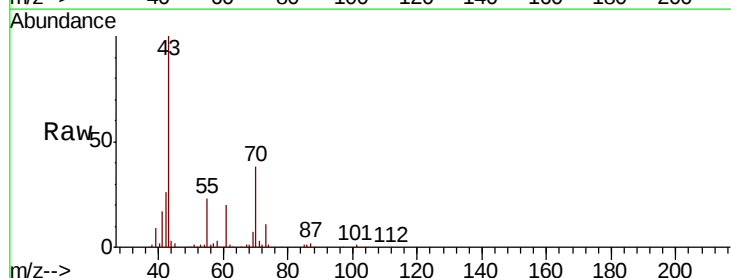
Ion Ratio Lower Upper

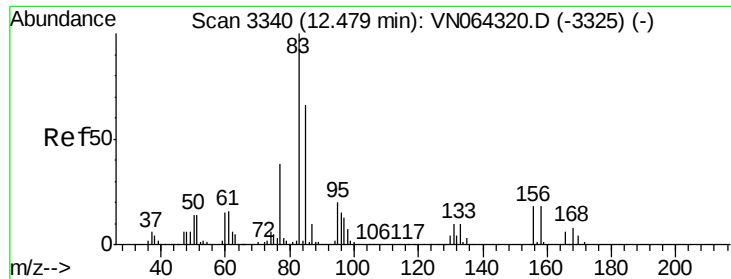
43 100

70 39.4 30.6 45.8

55 23.3 18.2 27.4

61 20.8 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.336 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampled :

VN1029WBS01

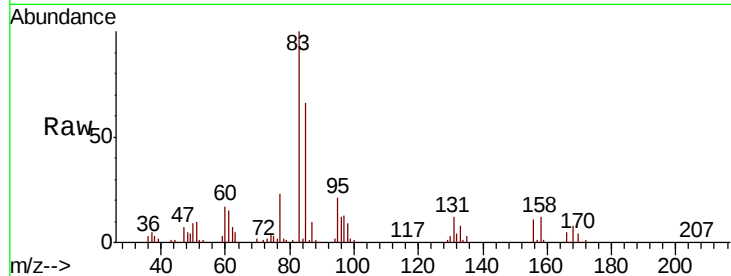
Tot Ion: 83 Resp: 79378

Ion Ratio Lower Upper

83 100

131 12.2 5.4 16.2

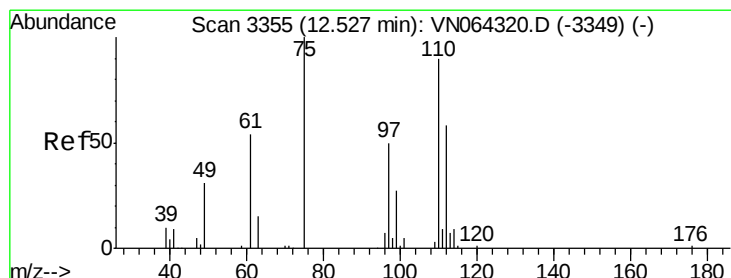
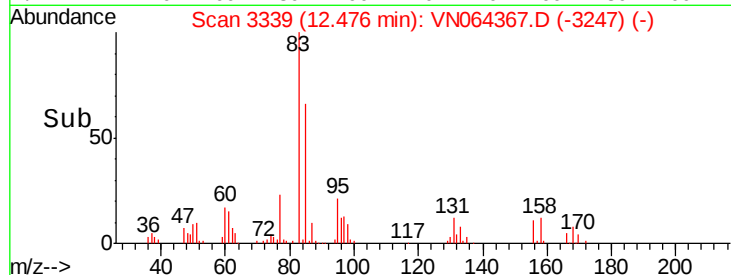
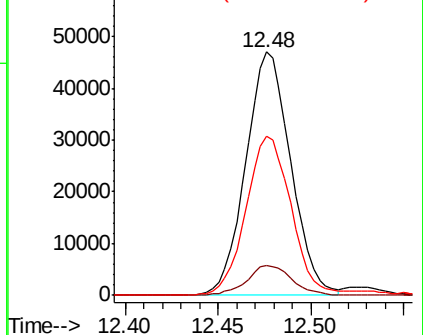
85 65.9 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 26.191 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064367.D

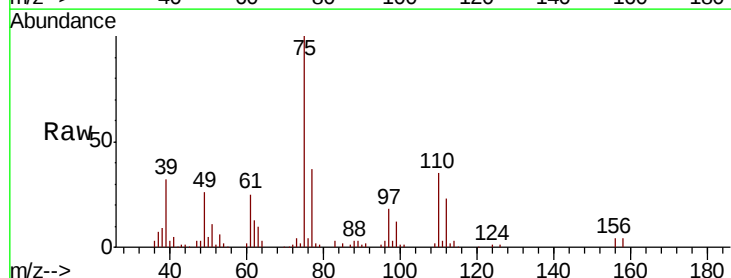
Acq: 29 Oct 2020 12:31

Tgt Ion: 75 Resp: 118267

Ion Ratio Lower Upper

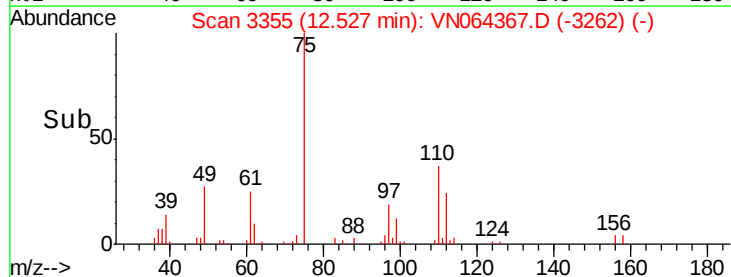
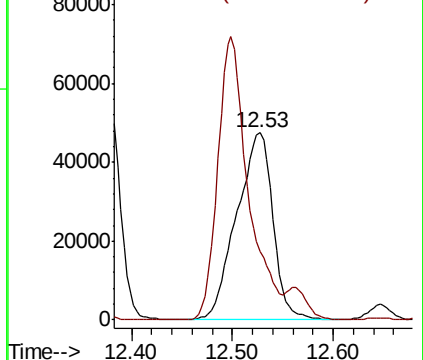
75 100

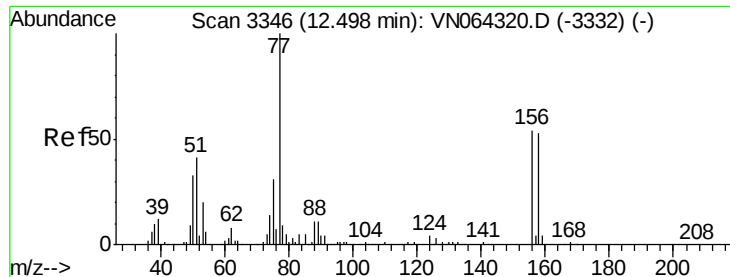
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.261 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

VN1029WBS01

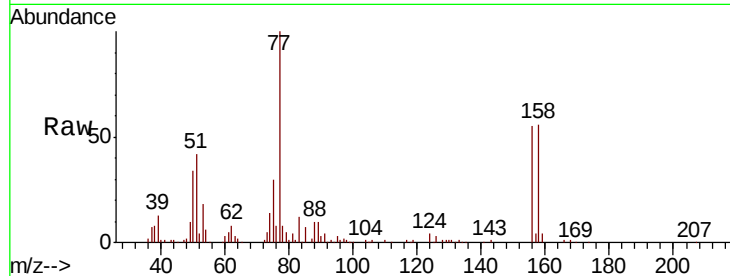
Tot Ion:156 Resp: 70067

Ion Ratio Lower Upper

156 100

77 216.2 111.9 335.7

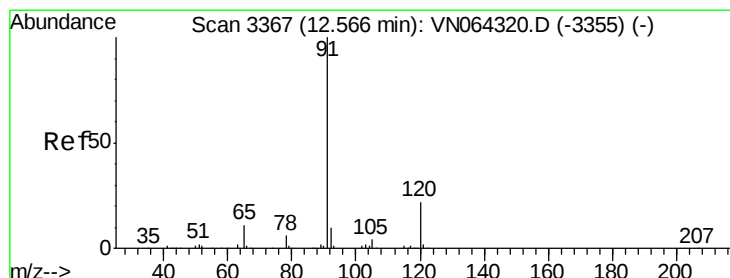
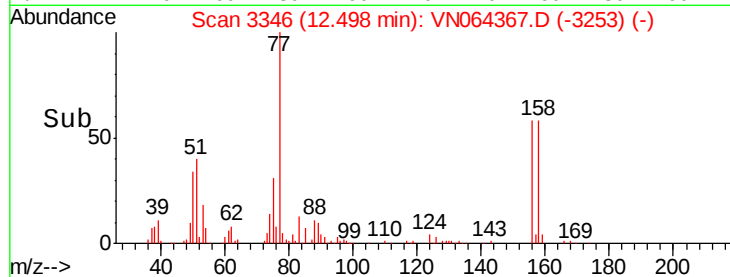
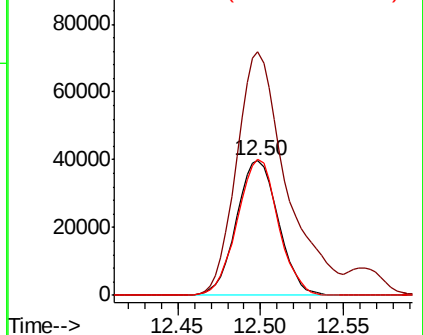
158 98.3 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.484 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064367.D

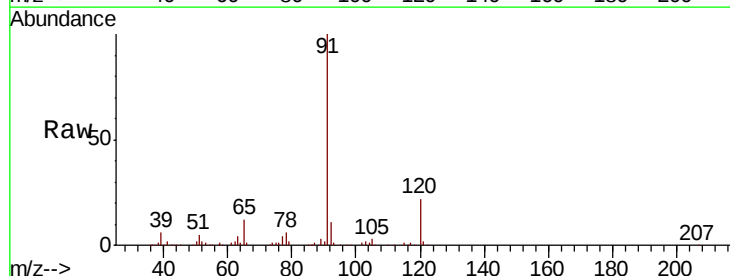
Acq: 29 Oct 2020 12:31

Tgt Ion: 91 Resp: 295537

Ion Ratio Lower Upper

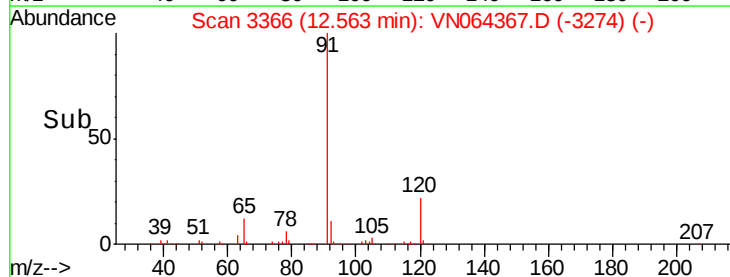
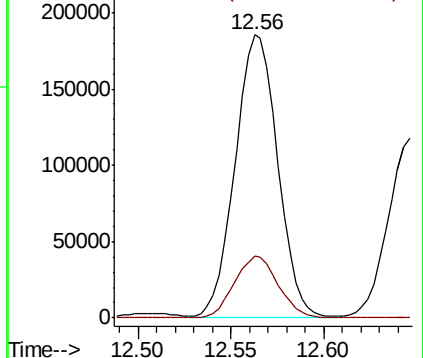
91 100

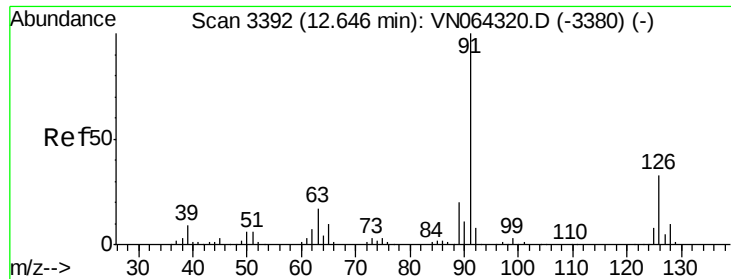
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

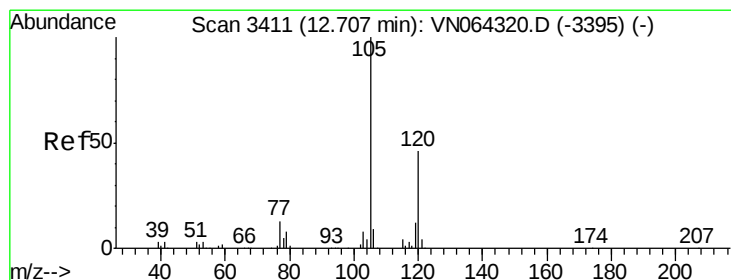
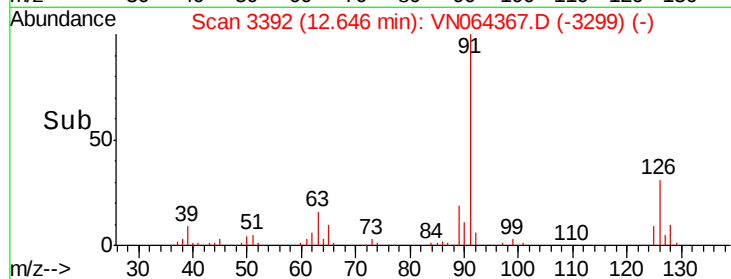
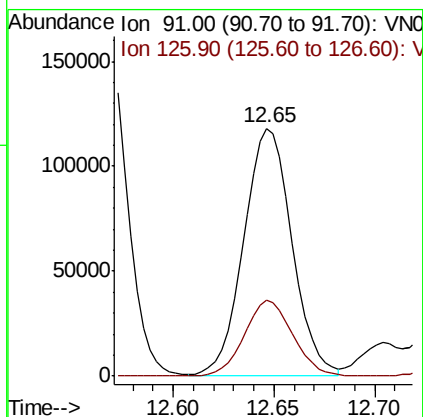
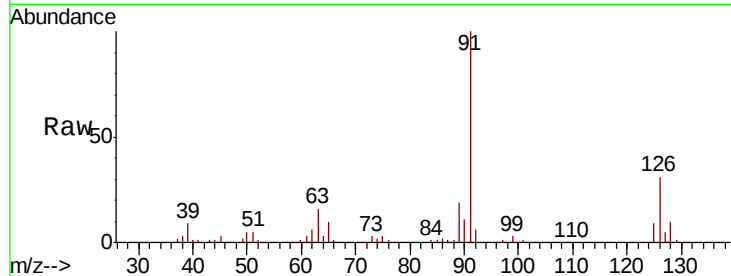




#79  
 2-Chlorotoluene  
 Concen: 19.283 ug/l  
 RT: 12.65 min Scan# 3392  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

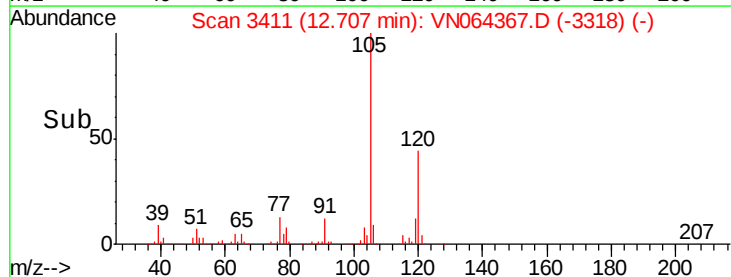
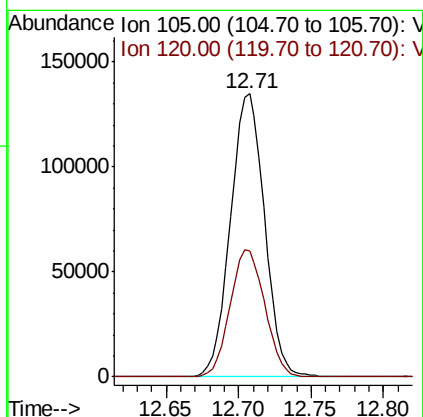
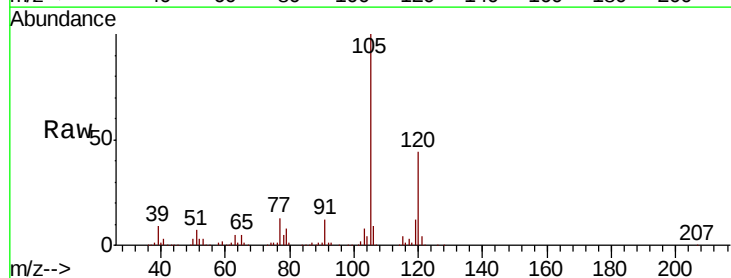
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1029WBS01

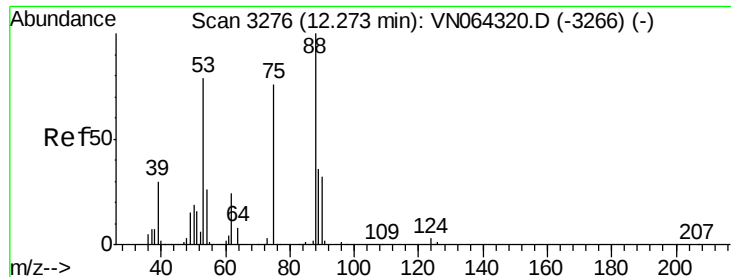
Tot Ion: 91 Resp: 197088  
 Ion Ratio Lower Upper  
 91 100  
 126 30.7 16.2 48.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.409 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Tgt Ion: 105 Resp: 219982  
 Ion Ratio Lower Upper  
 105 100  
 120 45.8 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.478 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampled :

VN1029WBS01

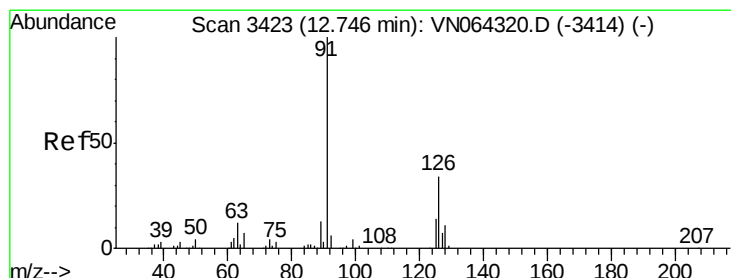
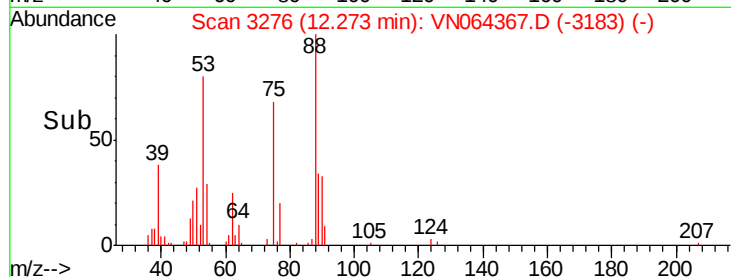
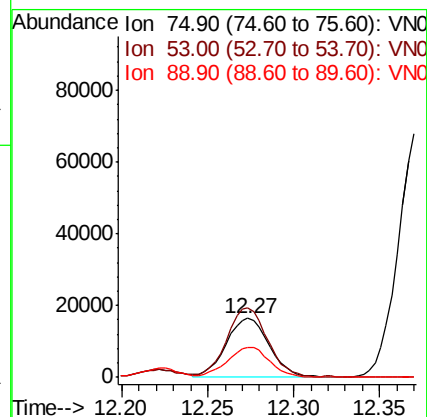
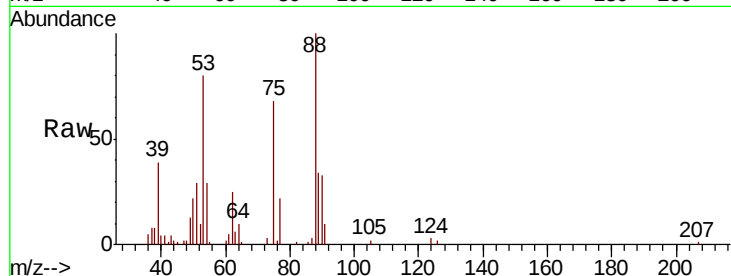
Tot Ion: 75 Resp: 28967

Ion Ratio Lower Upper

75 100

53 108.2 81.8 122.8

89 49.8 39.9 59.9



#82

4-Chlorotoluene

Concen: 19.615 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064367.D

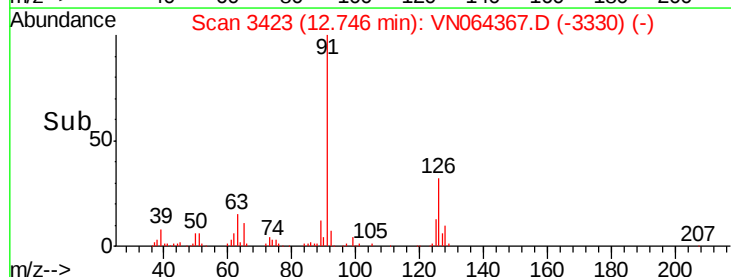
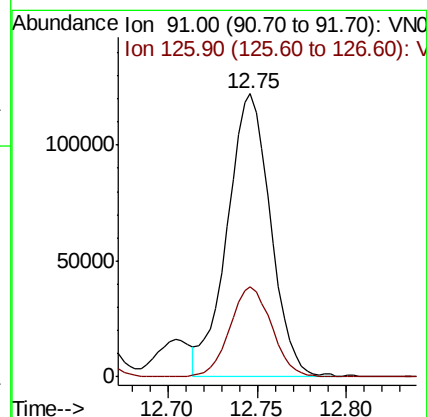
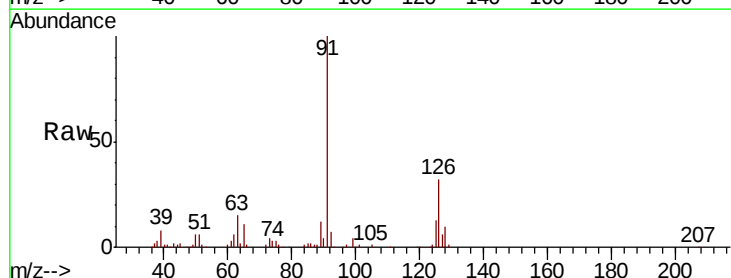
Acq: 29 Oct 2020 12:31

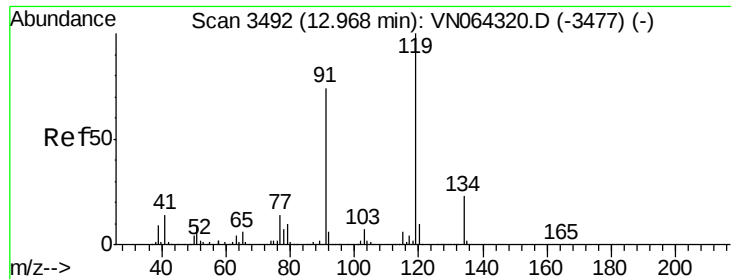
Tgt Ion: 91 Resp: 204240

Ion Ratio Lower Upper

91 100

126 31.2 15.8 47.3

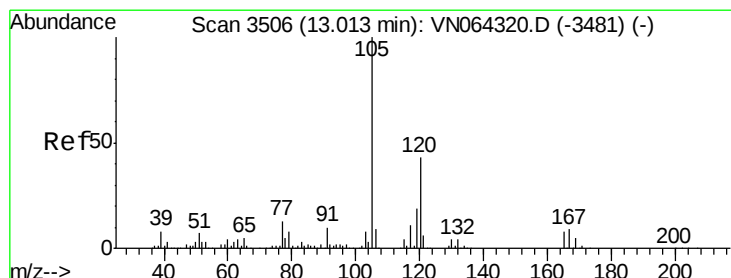
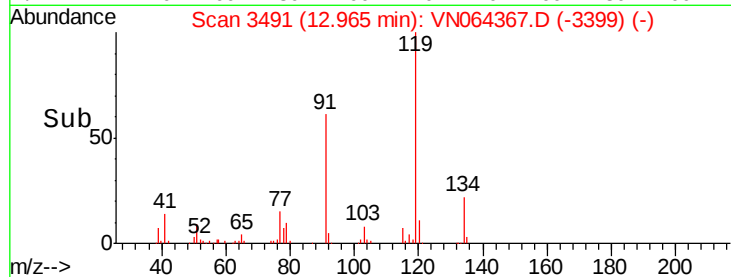
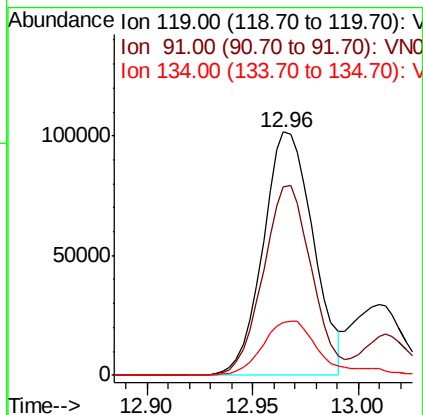
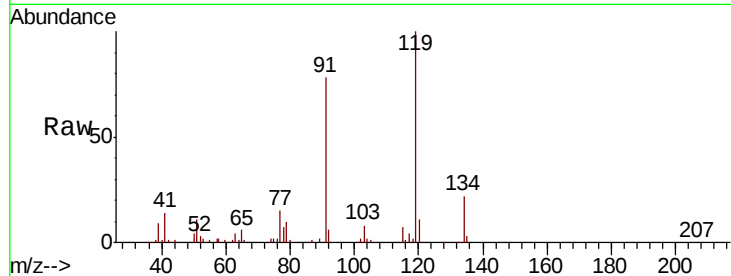




#83  
tert-Butylbenzene  
Concen: 17.144 ug/l  
RT: 12.96 min Scan# 3491  
Delta R.T. -0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

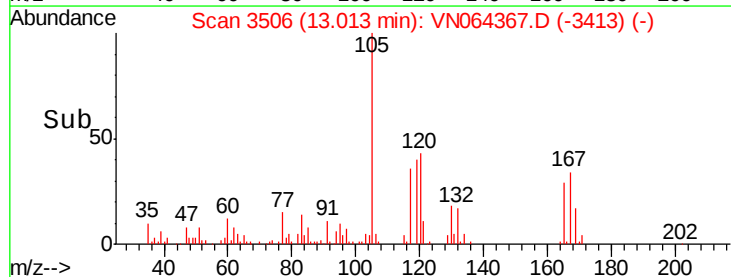
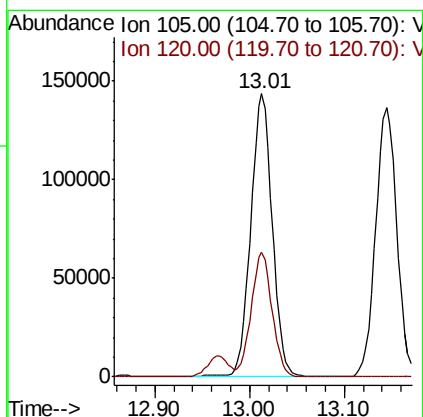
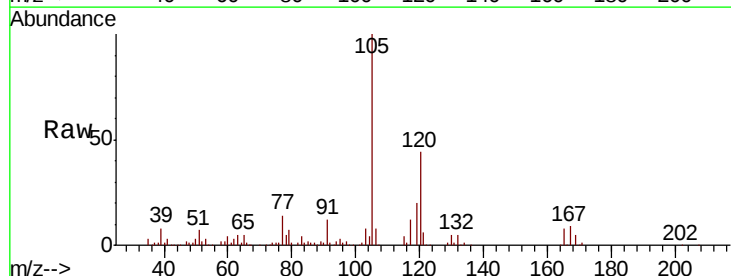
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

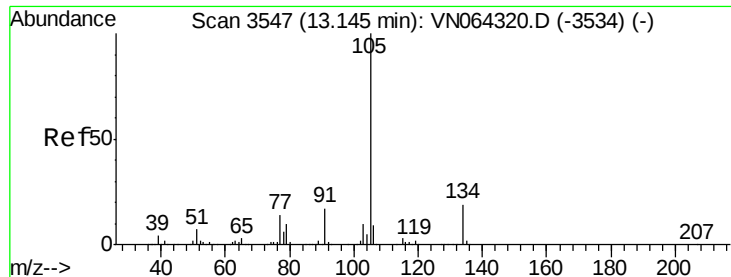
Tot Ion:119 Resp: 168109  
Ion Ratio Lower Upper  
119 100  
91 75.7 36.4 109.1  
134 24.2 12.0 36.1



#84  
1,2,4-Trimethylbenzene  
Concen: 19.027 ug/l  
RT: 13.01 min Scan# 3506  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion:105 Resp: 227194  
Ion Ratio Lower Upper  
105 100  
120 43.0 21.3 64.0





#85

sec-Butylbenzene

Concen: 16.739 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampleId :

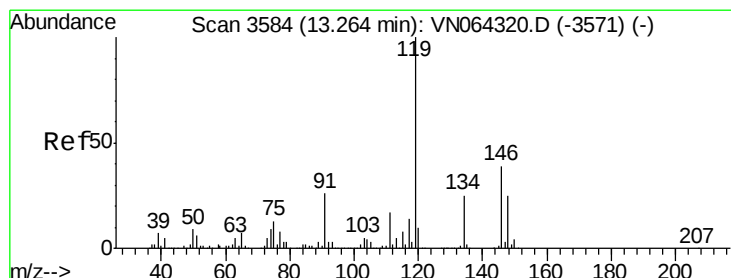
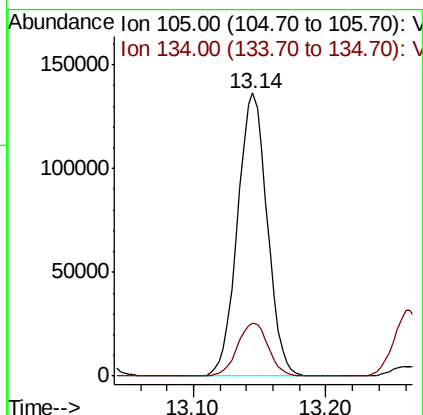
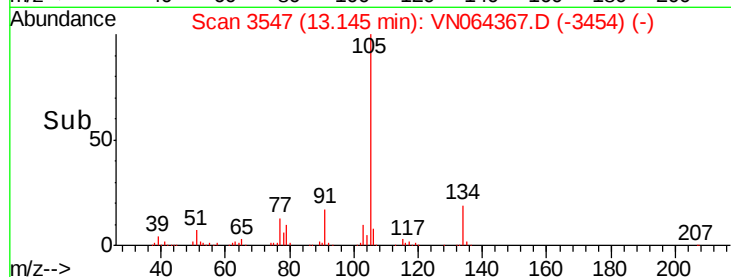
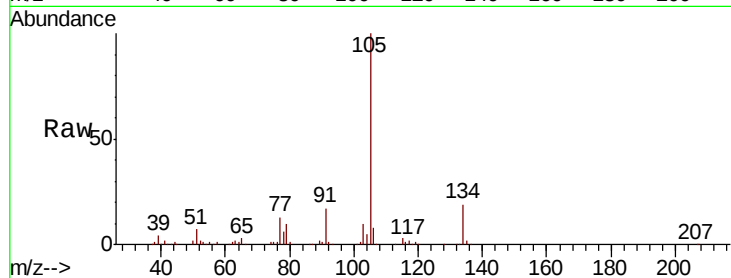
VN1029WBS01

Tot Ion:105 Resp: 212406

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.8



#86

p-Isopropyltoluene

Concen: 17.425 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

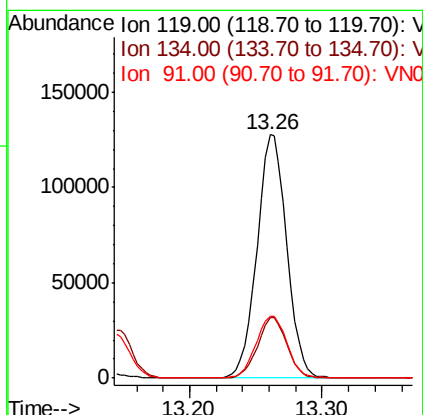
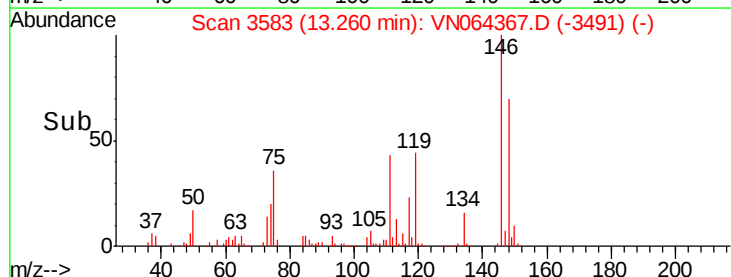
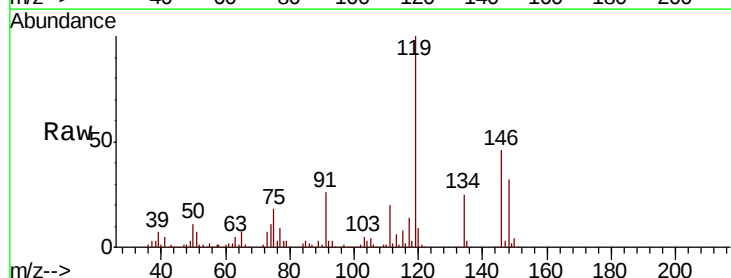
Tgt Ion:119 Resp: 199204

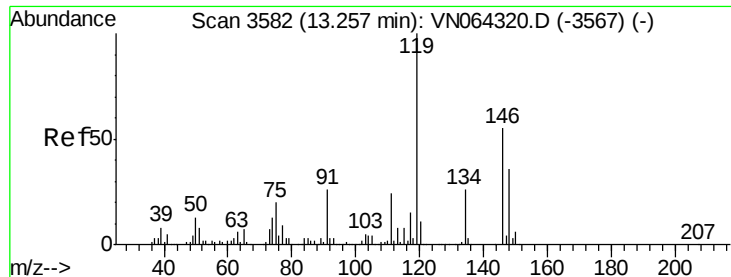
Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

91 26.7 13.0 38.9

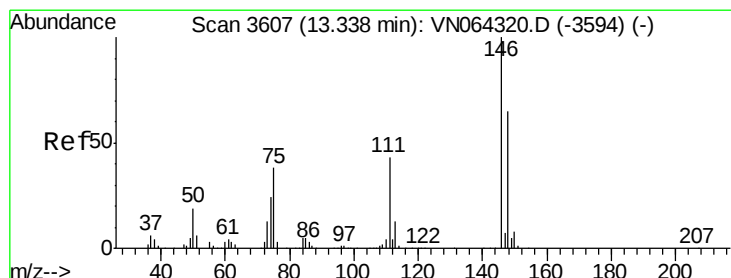
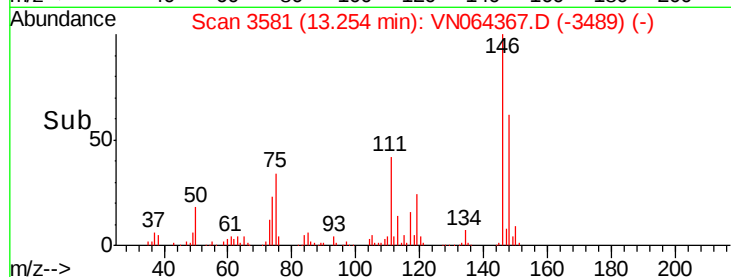
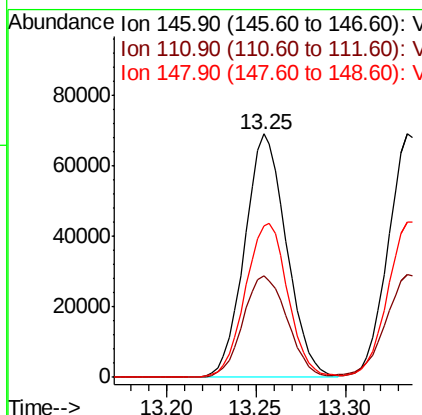
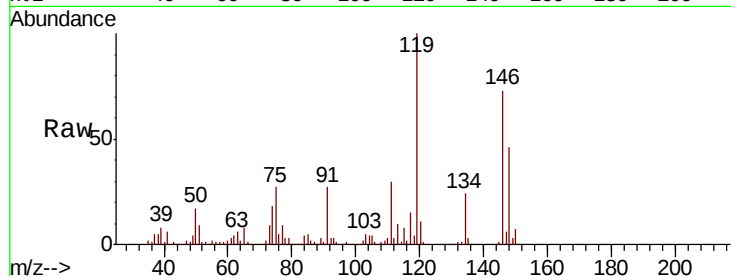




#87  
 1,3-Dichlorobenzene  
 Concen: 18.655 ug/l  
 RT: 13.25 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

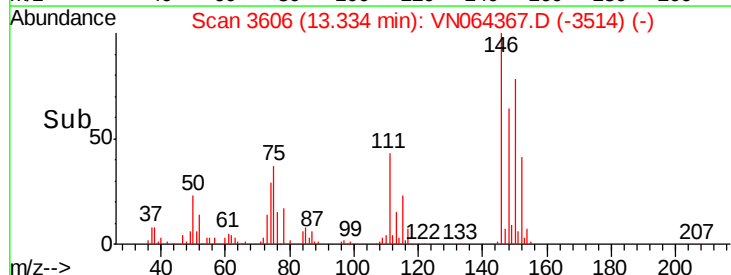
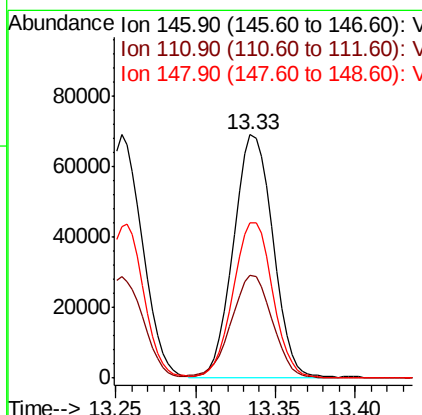
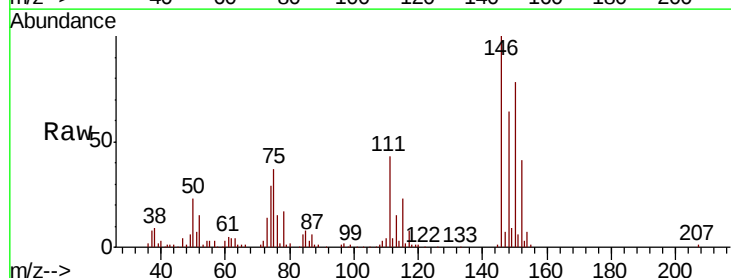
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

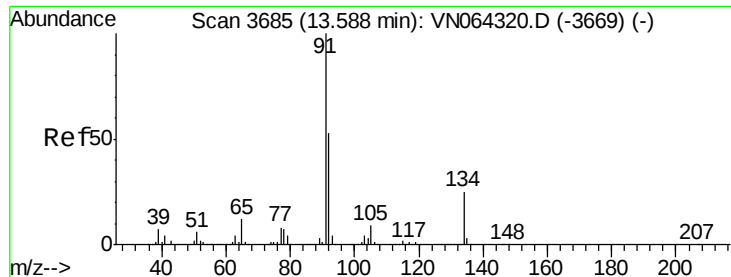
Tot Ion:146 Resp: 112937  
 Ion Ratio Lower Upper  
 146 100  
 111 44.0 21.9 65.5  
 148 64.5 32.6 98.0



#88  
 1,4-Dichlorobenzene  
 Concen: 18.688 ug/l  
 RT: 13.33 min Scan# 3606  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

Tgt Ion:146 Resp: 115231  
 Ion Ratio Lower Upper  
 146 100  
 111 44.9 21.8 65.4  
 148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 15.807 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064367.D

Acq: 29 Oct 2020 12:31

Instrument :

MSVOA\_N

ClientSampled :

VN1029WBS01

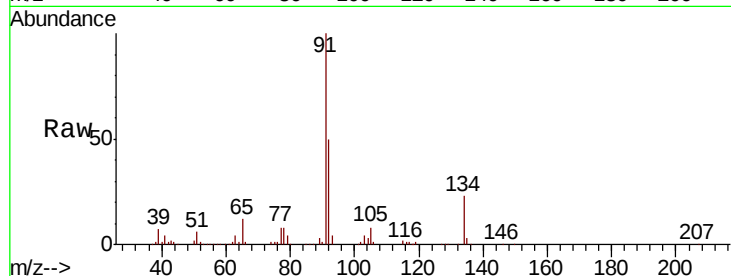
Tot Ion: 91 Resp: 159194

Ion Ratio Lower Upper

91 100

92 50.5 26.2 78.5

134 23.9 12.4 37.4

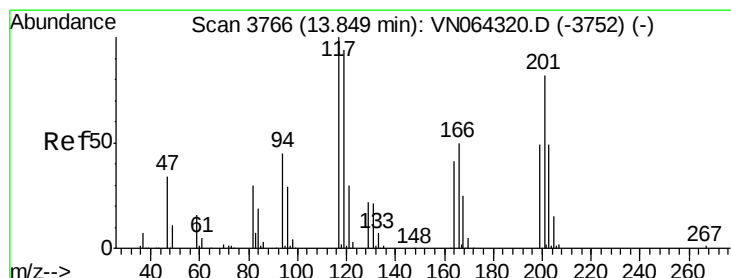
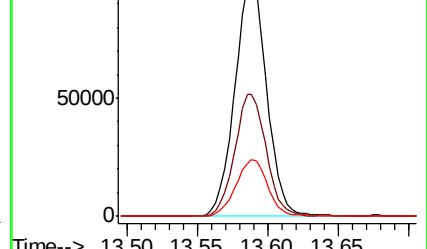
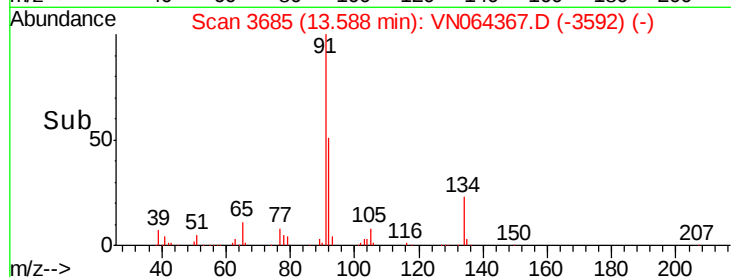


Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN064320.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN064320.D (-3669) (-)

13.59



#90

Hexachloroethane

Concen: 17.230 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064367.D

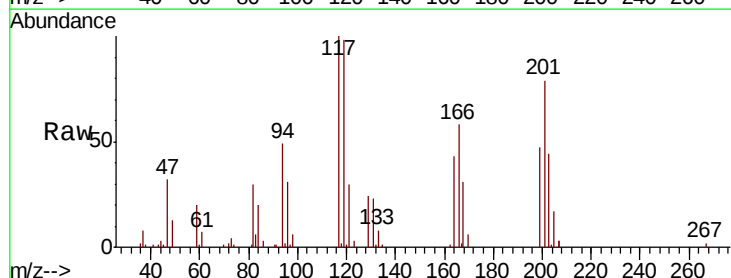
Acq: 29 Oct 2020 12:31

Tgt Ion: 117 Resp: 36992

Ion Ratio Lower Upper

117 100

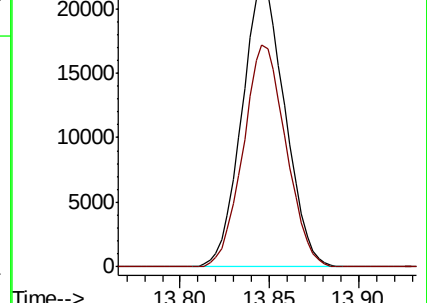
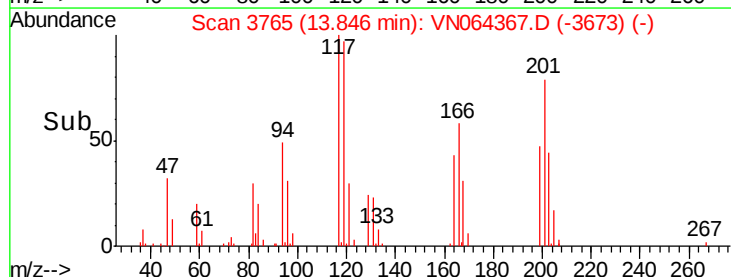
201 77.8 39.8 119.3

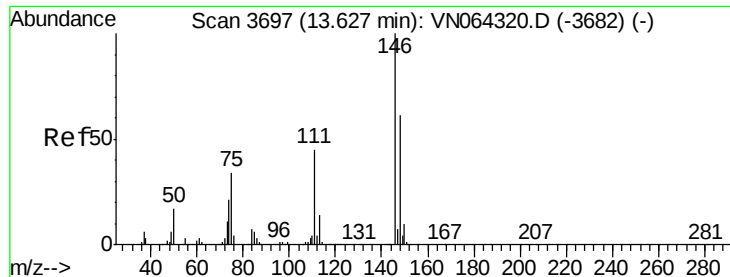


Abundance Ion 116.80 (116.50 to 117.50): VN064320.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN064320.D (-3752) (-)

13.85

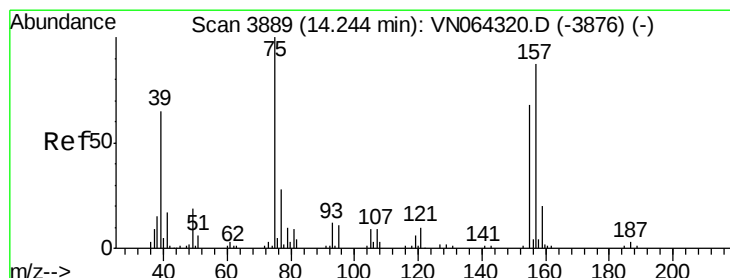
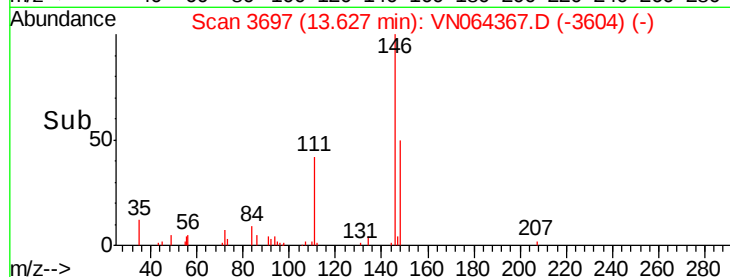
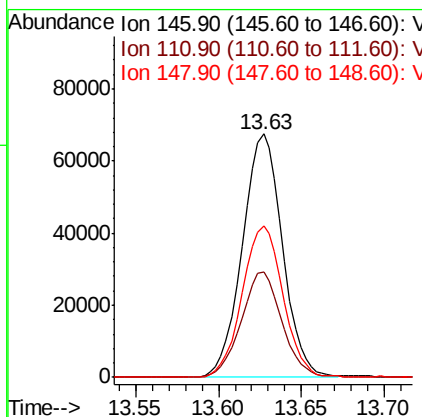
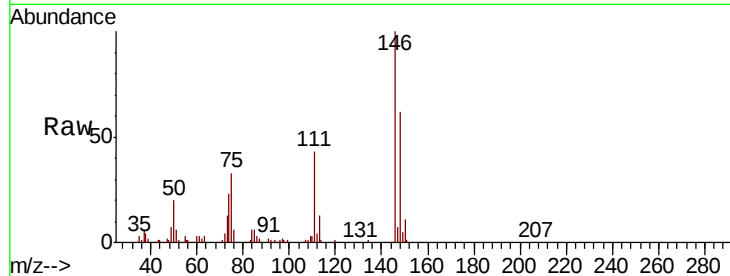




#91  
 1,2-Dichlorobenzene  
 Concen: 18.833 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

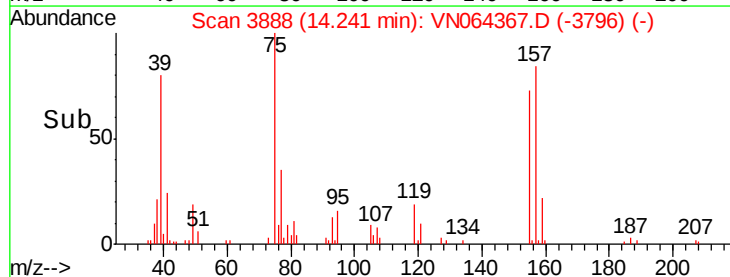
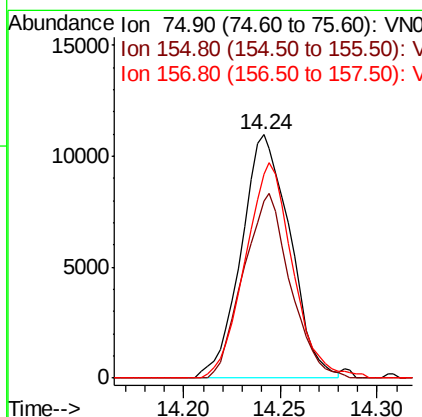
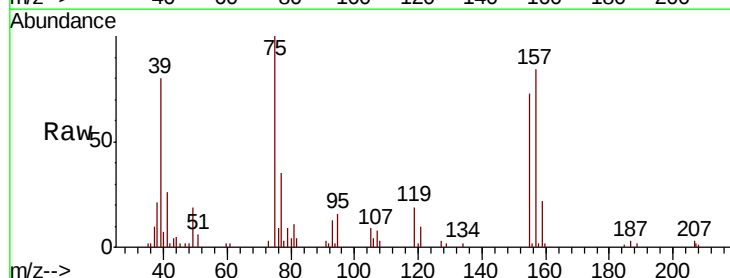
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

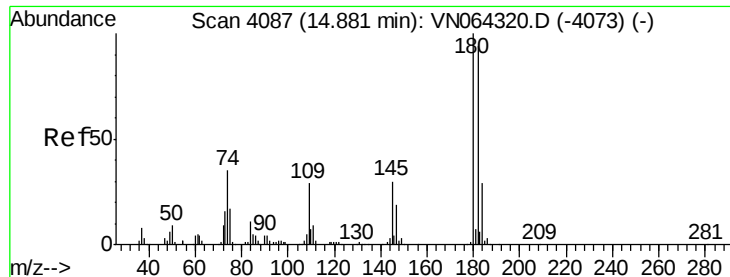
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.0  | 23.0  | 69.0  |
| 148     | 63.4  | 32.1  | 96.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.980 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 72.6  | 35.1  | 105.5 |
| 157     | 85.8  | 43.2  | 129.6 |

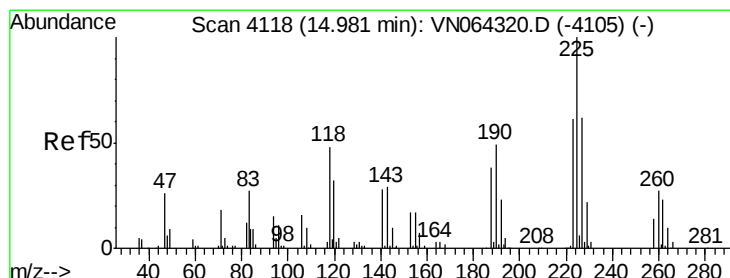
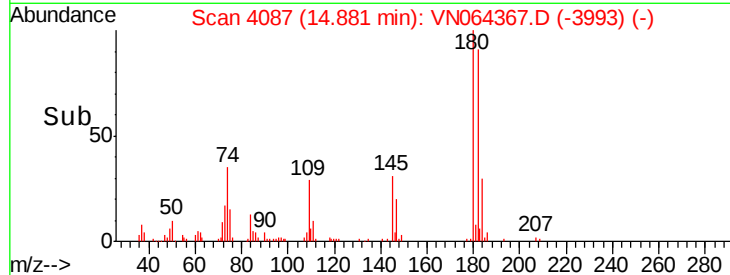
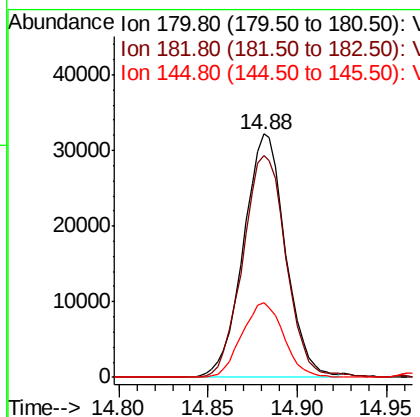
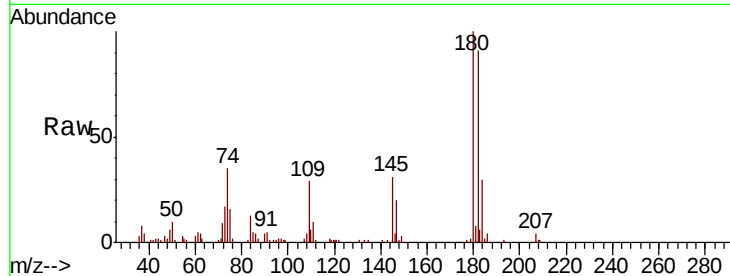




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.674 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

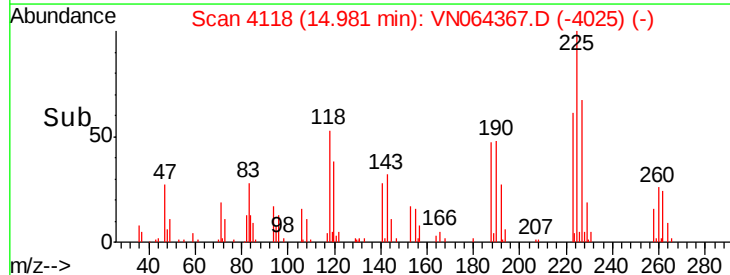
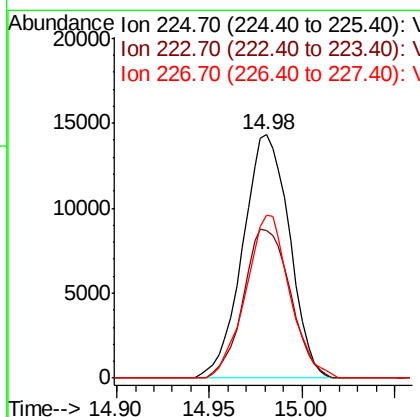
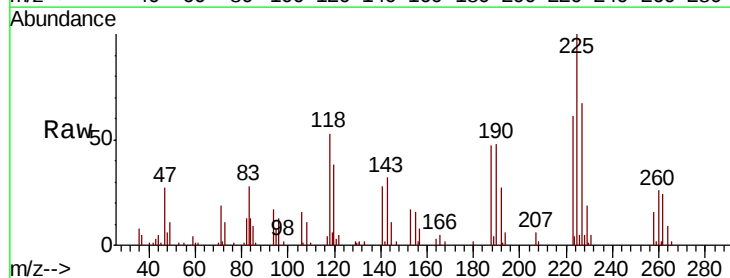
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1029WBS01

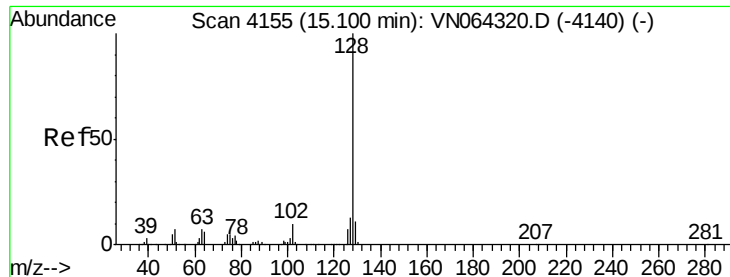
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.1  | 46.6  | 139.7 |
| 145     | 30.5  | 15.3  | 45.9  |



#94  
 Hexachlorobutadiene  
 Concen: 13.526 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN064367.D  
 Acq: 29 Oct 2020 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 31.3  | 93.8  |
| 227     | 63.2  | 32.3  | 96.9  |

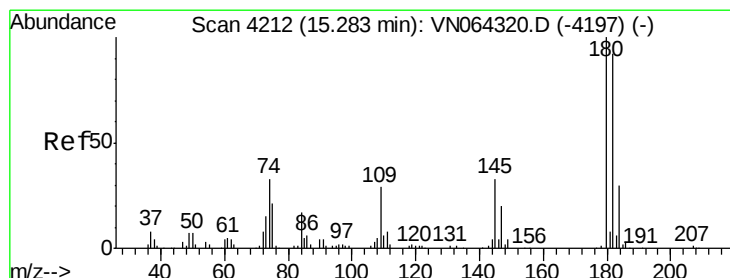
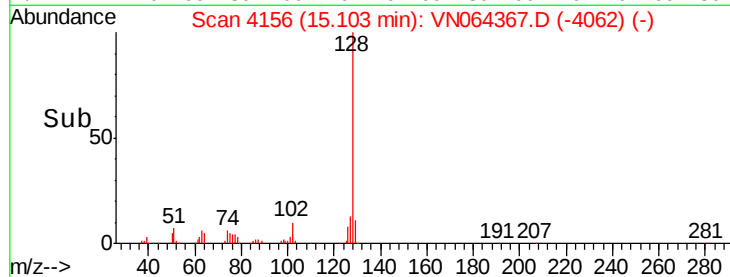
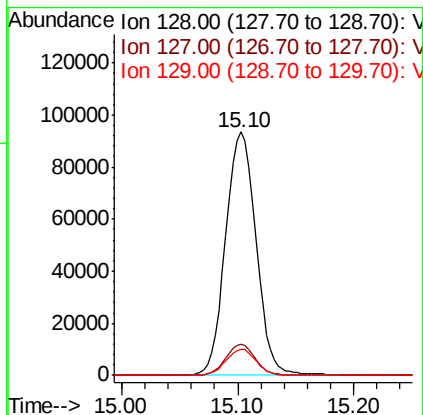
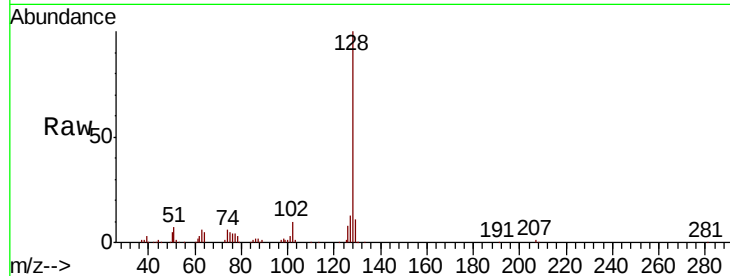




#95  
Naphthalene  
Concen: 17.548 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1029WBS01

Tot Ion:128 Resp: 169675  
Ion Ratio Lower Upper  
128 100  
127 12.1 10.4 15.6  
129 10.5 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 16.843 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN064367.D  
Acq: 29 Oct 2020 12:31

Tgt Ion:180 Resp: 51118  
Ion Ratio Lower Upper  
180 100  
182 93.9 46.1 138.3  
145 33.6 16.2 48.5

