

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\  
 Data File : VN064227.D  
 Acq On : 21 Oct 2020 17:32  
 Operator : JC/MD  
 Sample : VN1021MBS01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021MBS01

Quant Time: Oct 22 01:49:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 21 12:48:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 267708   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 445738   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 403822   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 193348   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 207790   | 52.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.54% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 146948   | 49.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.18%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 533981   | 49.67 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.34%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 214792   | 49.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.58%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 62870    | 19.707  | ug/l   | 97     |
| 3) Chloromethane              | 2.04 | 50   | 64995    | 21.006  | ug/l   | 95     |
| 4) Vinyl Chloride             | 2.16 | 62   | 64852    | 21.141  | ug/l   | 100    |
| 5) Bromomethane               | 2.54 | 94   | 39475    | 19.742  | ug/l   | 99     |
| 6) Chloroethane               | 2.68 | 64   | 36222    | 19.397  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.99 | 101  | 106555   | 21.123  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.38 | 74   | 33826    | 20.271  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101  | 53228    | 20.405  | ug/l   | 100    |
| 10) Methyl Iodide             | 3.92 | 142  | 68788    | 18.544  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.73 | 59   | 54714    | 102.810 | ug/l # | 82     |
| 12) 1,1-Dichloroethene        | 3.70 | 96   | 49702    | 19.809  | ug/l   | 95     |
| 13) Acrolein                  | 3.57 | 56   | 30210    | 90.431  | ug/l   | 100    |
| 14) Allyl chloride            | 4.28 | 41   | 102944   | 20.500  | ug/l   | 99     |
| 15) Acrylonitrile             | 4.93 | 53   | 111919   | 101.702 | ug/l   | 99     |
| 16) Acetone                   | 3.78 | 43   | 115311   | 101.369 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.01 | 76   | 142074   | 19.851  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.28 | 43   | 56457    | 19.477  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73   | 174556   | 20.236  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.51 | 84   | 57231    | 18.868  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96   | 56332    | 20.360  | ug/l   | 96     |
| 22) Diisopropyl ether         | 5.90 | 45   | 178817   | 19.155  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.84 | 43   | 848058   | 101.867 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63   | 111730   | 20.660  | ug/l   | 98     |
| 25) 2-Butanone                | 6.78 | 43   | 183827   | 101.715 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.77 | 77   | 104055   | 19.327  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 65676    | 20.383  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.15 | 49   | 48801    | 18.995  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.16 | 42   | 112837   | 104.376 | ug/l   | 98     |
| 30) Chloroform                | 7.33 | 83   | 120280   | 20.851  | ug/l   | 98     |
| 31) Cyclohexane               | 7.62 | 56   | 88906    | 18.864  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97   | 110754   | 20.495  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 84375    | 18.987  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43   | 77052    | 19.097  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 102433   | 20.260  | ug/l   | 99     |

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 Operator : JC/MD  
 Sample : VN1021MBS01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021MBS01

Quant Time: Oct 22 01:49:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 21 12:48:40 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 74768    | 18.504  | ug/l   | 96       |
| 40) Benzene                    | 8.00  | 78   | 234386   | 19.107  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.13  | 41   | 42586    | 20.122  | ug/l # | 84       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 104859   | 19.955  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 148662   | 19.771  | ug/l   | 99       |
| 44) Trichloroethene            | 8.80  | 130  | 63342    | 18.949  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 63712    | 19.455  | ug/l   | 96       |
| 46) Dibromomethane             | 9.18  | 93   | 44852    | 20.397  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 97016    | 19.970  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 74712    | 19.021  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 18584    | 404.363 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 407221   | 101.332 | ug/l   | 99       |
| 52) Toluene                    | 10.13 | 92   | 148397   | 18.906  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 107662   | 19.950  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 106982   | 18.828  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 60941    | 20.557  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 90947    | 19.841  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 103016   | 20.006  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 224904   | 95.285  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 292458   | 99.649  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 73245    | 19.086  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 63642    | 20.345  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.60 | 164  | 63307    | 19.473  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 162736   | 19.469  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 65024    | 19.598  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.49 | 91   | 300125   | 19.537  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.59 | 106  | 219422   | 38.552  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 103718   | 18.842  | ug/l   | 94       |
| 70) Styrene                    | 11.94 | 104  | 176293   | 19.107  | ug/l   | 97       |
| 71) Bromoform                  | 12.10 | 173  | 49188    | 19.191  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.22 | 105  | 286110   | 19.402  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 126936   | 19.921  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 79043    | 20.199  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 116978   | 28.699  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 69160    | 19.866  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.57 | 91   | 314944   | 18.942  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 200266   | 19.610  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 236007   | 18.931  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 31035    | 19.223  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 210924   | 19.800  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 189567   | 18.546  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 243430   | 19.618  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 246622   | 19.139  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 225128   | 19.185  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 119784   | 19.337  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 122979   | 19.396  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 192343   | 18.286  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 36540    | 17.194  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 120238   | 19.786  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 20757    | 21.261  | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN102120\  
Data File : VN064227.D  
Acq On : 21 Oct 2020 17:32  
Operator : JC/MD  
Sample : VN1021MBS01  
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 19 Sample Multiplier: 1

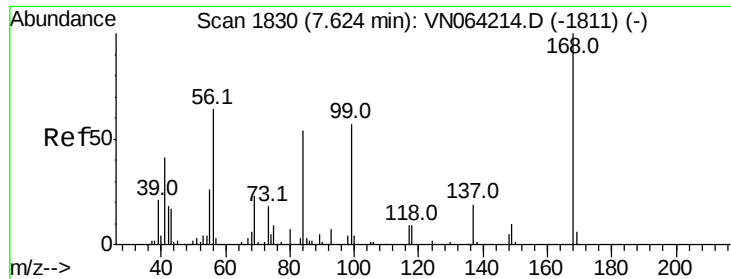
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

Quant Time: Oct 22 01:49:45 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 21 12:48:40 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 65826    | 19.313 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 29610    | 16.107 | ug/l  | 95       |
| 95) Naphthalene            | 15.10 | 128  | 208335   | 20.411 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 62559    | 18.532 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

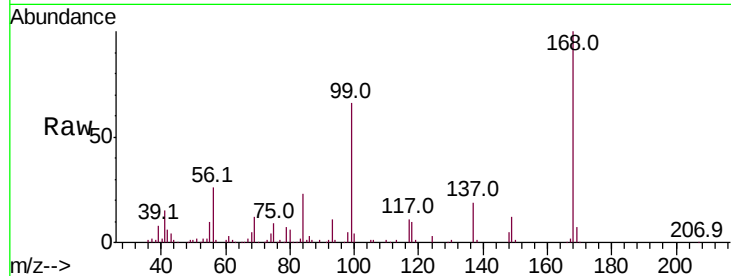
VN1021MBS01

Tot Ion:168 Resp: 267708

Ion Ratio Lower Upper

168 100

99 66.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

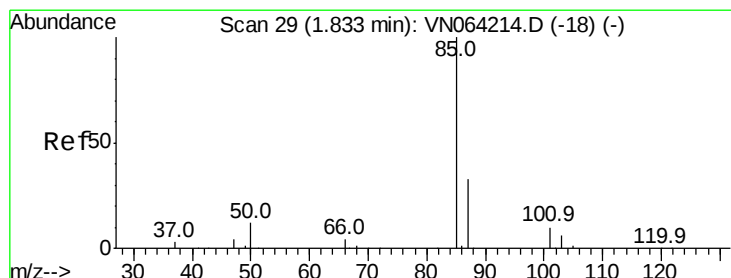
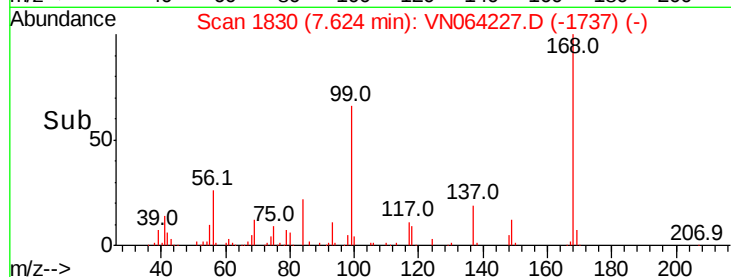
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.707 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064227.D

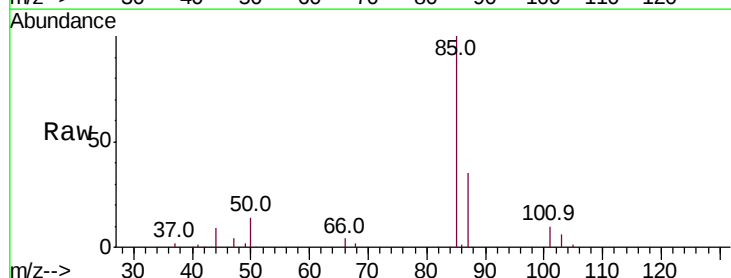
Acq: 21 Oct 2020 17:32

Tgt Ion: 85 Resp: 62870

Ion Ratio Lower Upper

85 100

87 35.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

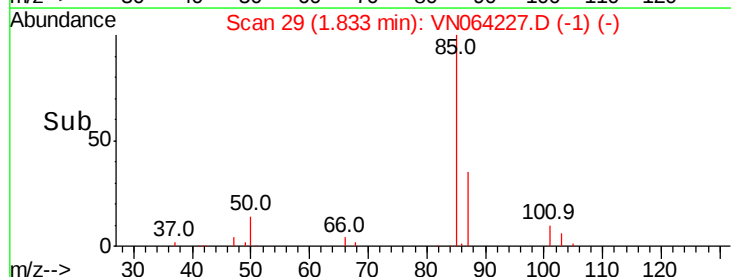
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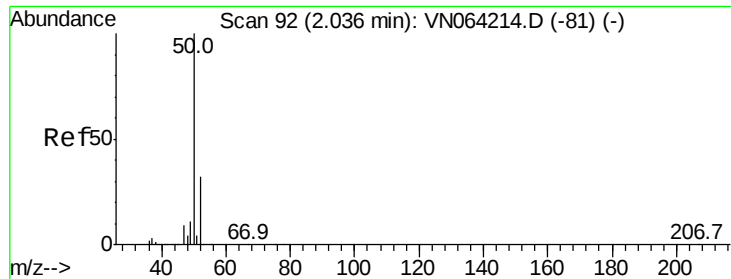
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 21.006 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

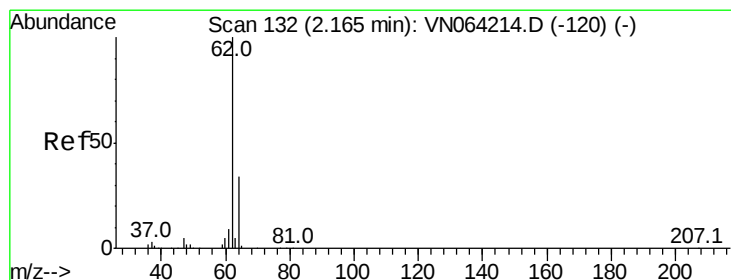
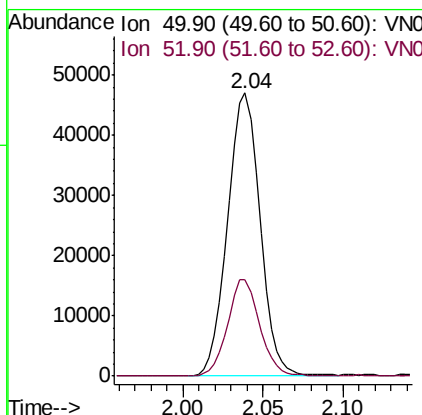
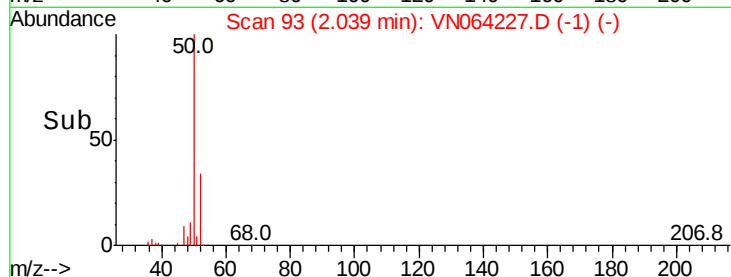
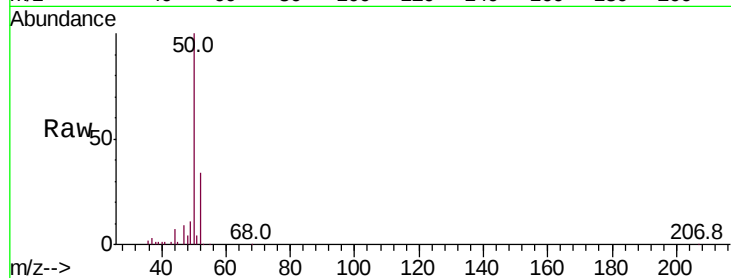
VN1021MBS01

Tot Ion: 50 Resp: 64995

Ion Ratio Lower Upper

50 100

52 34.1 25.3 37.9



#4

Vinyl Chloride

Concen: 21.141 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064227.D

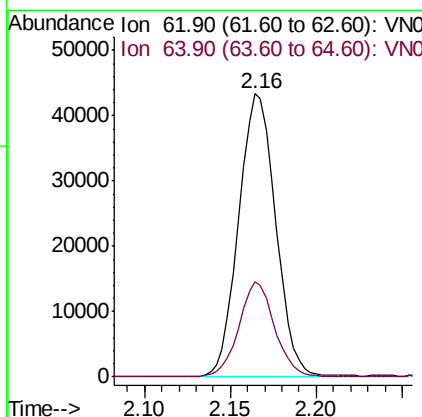
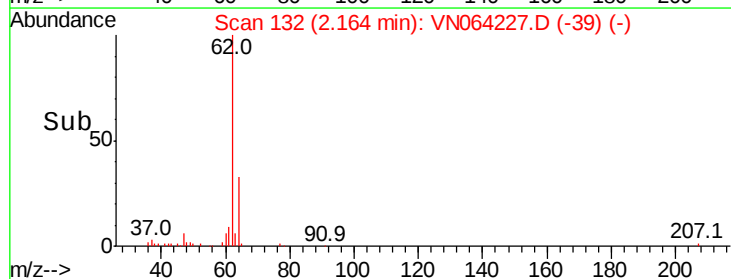
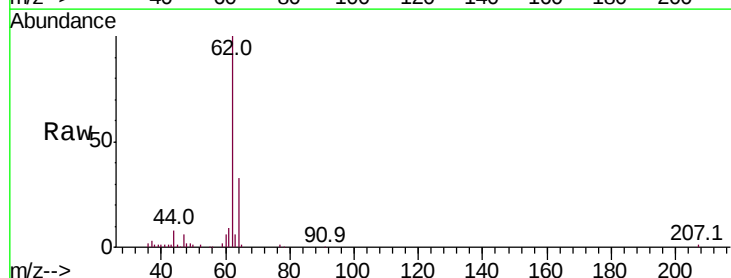
Acq: 21 Oct 2020 17:32

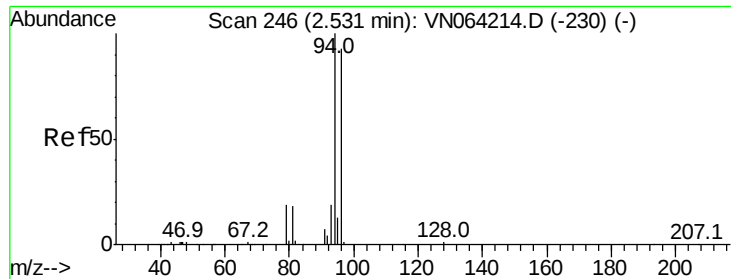
Tgt Ion: 62 Resp: 64852

Ion Ratio Lower Upper

62 100

64 33.5 26.8 40.2





#5

Bromomethane

Concen: 19.742 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

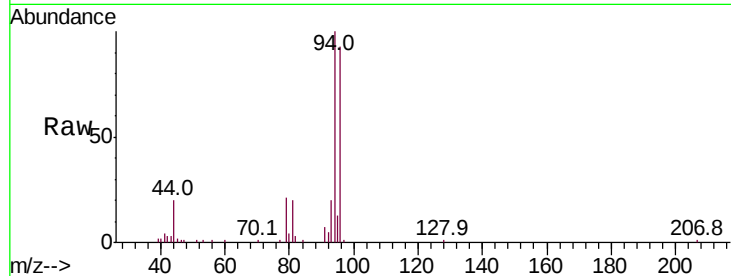
VN1021MBS01

Tot Ion: 94 Resp: 39475

Ion Ratio Lower Upper

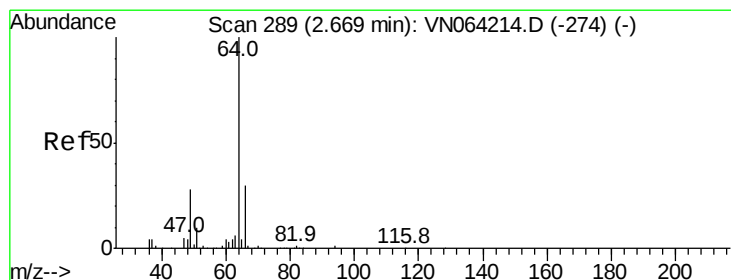
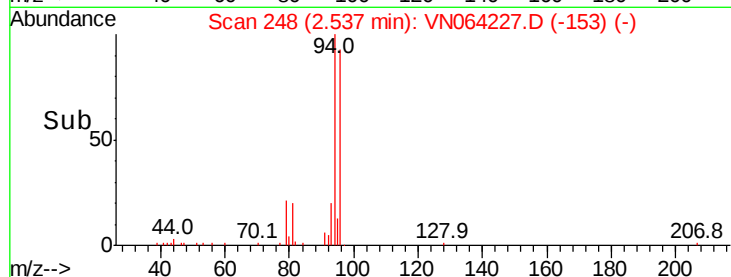
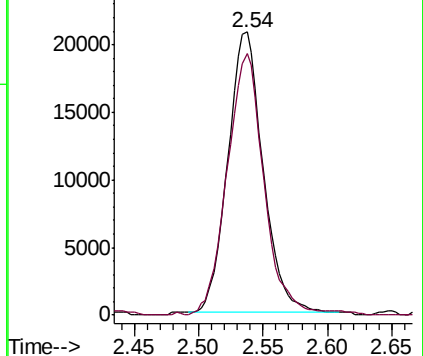
94 100

96 93.4 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.397 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064227.D

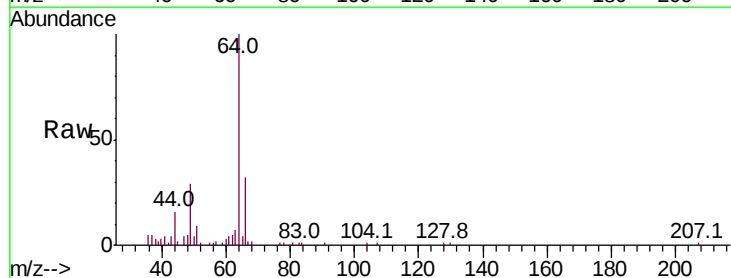
Acq: 21 Oct 2020 17:32

Tgt Ion: 64 Resp: 36222

Ion Ratio Lower Upper

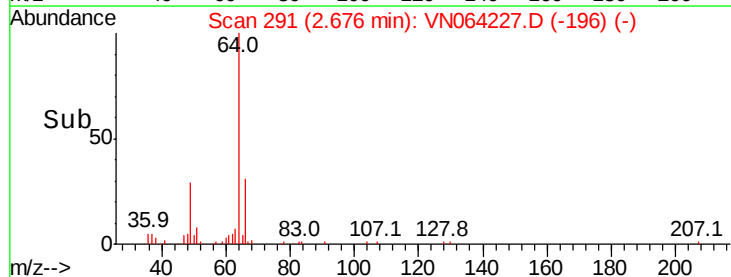
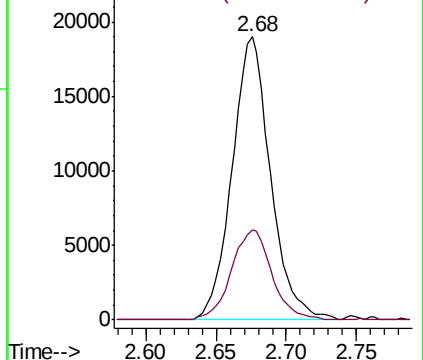
64 100

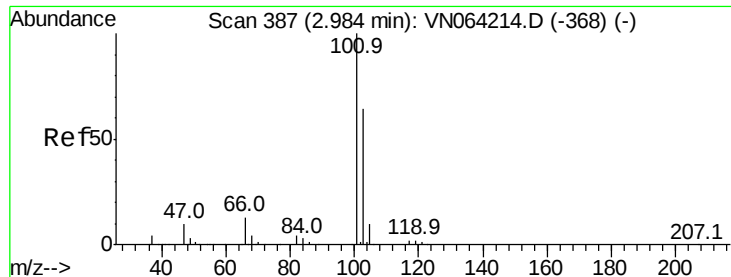
66 31.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 21.123 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

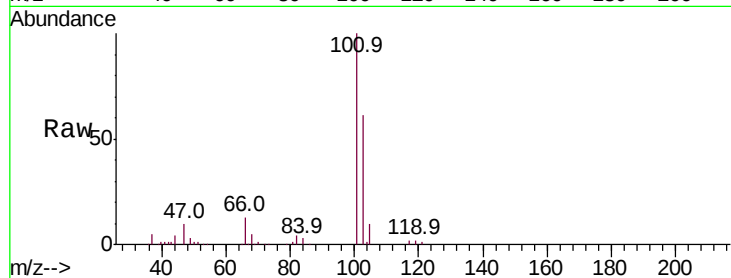
VN1021MBS01

Tot Ion:101 Resp: 106555

Ion Ratio Lower Upper

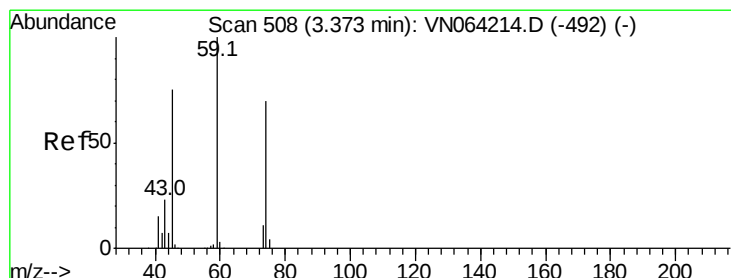
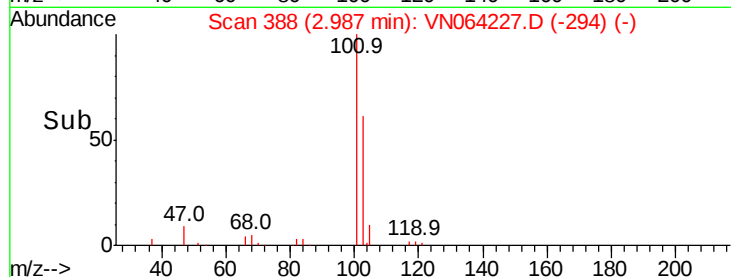
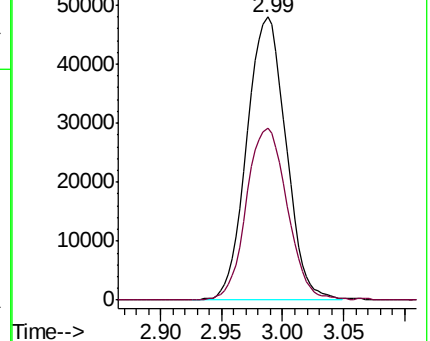
101 100

103 61.0 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.271 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN064227.D

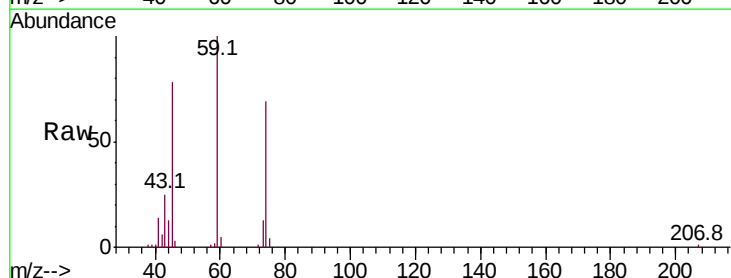
Acq: 21 Oct 2020 17:32

Tgt Ion: 74 Resp: 33826

Ion Ratio Lower Upper

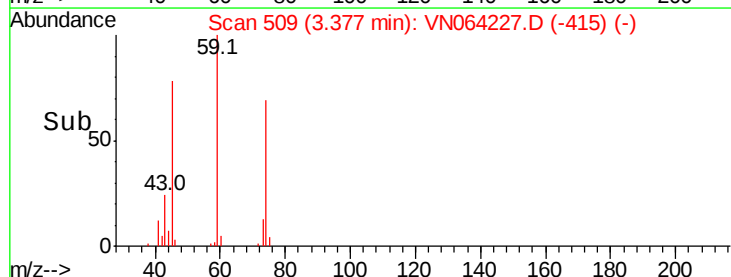
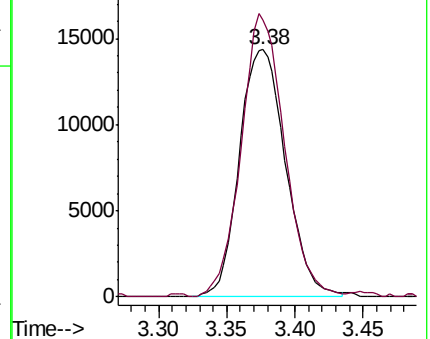
74 100

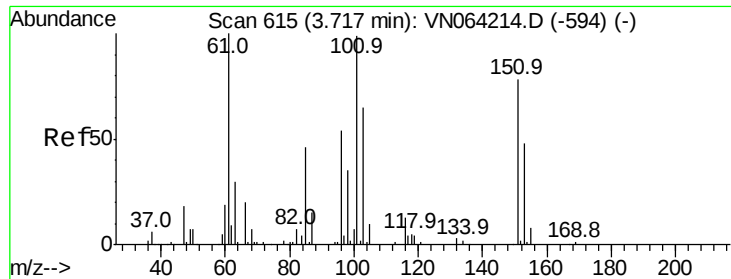
45 107.2 51.3 154.0



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: 20.405 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

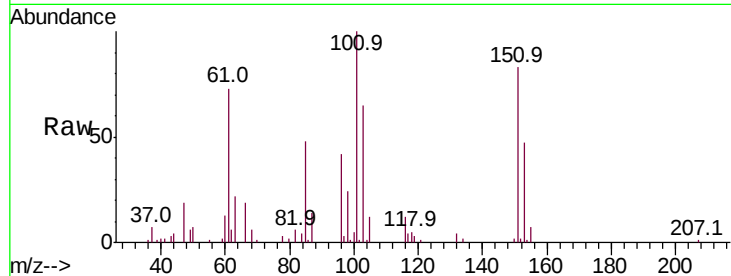
Tot Ion:101 Resp: 53228

Ion Ratio Lower Upper

101 100

85 46.5 37.8 56.8

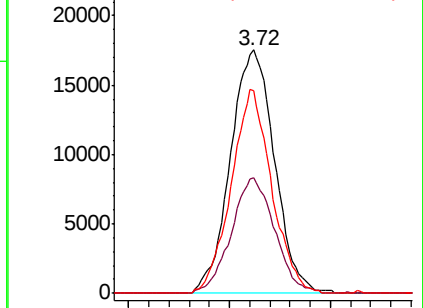
151 76.8 61.4 92.2



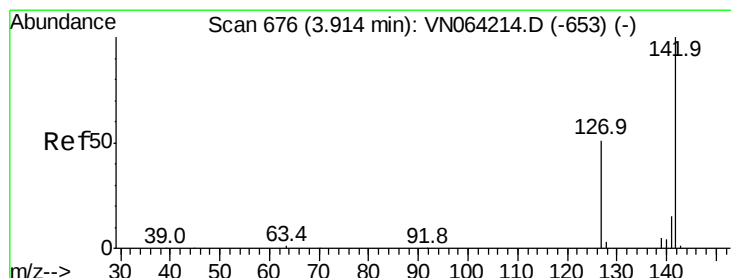
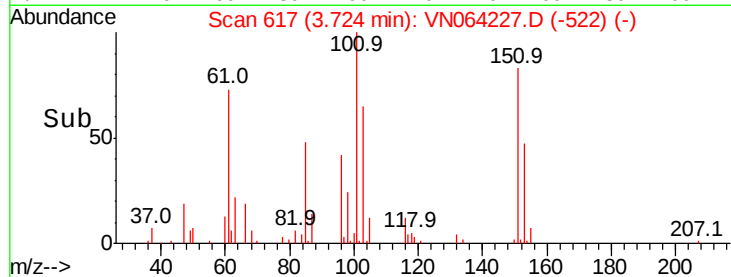
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



Time--> 3.60 3.70 3.80



#10

Methyl Iodide

Concen: 18.544 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

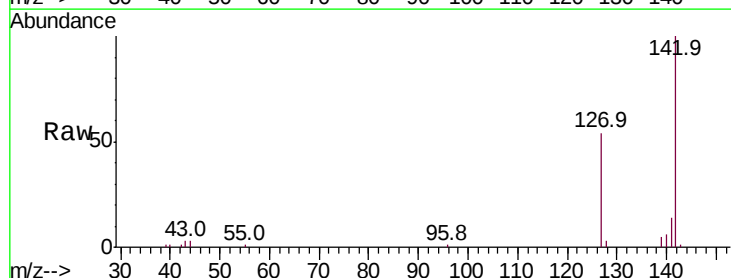
Tgt Ion:142 Resp: 68788

Ion Ratio Lower Upper

142 100

127 53.1 41.0 61.6

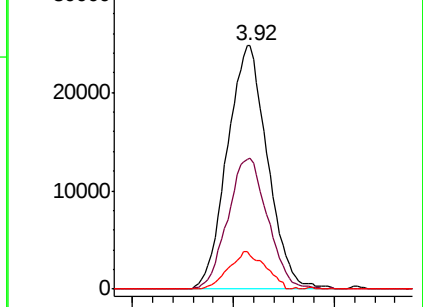
141 14.0 11.3 16.9



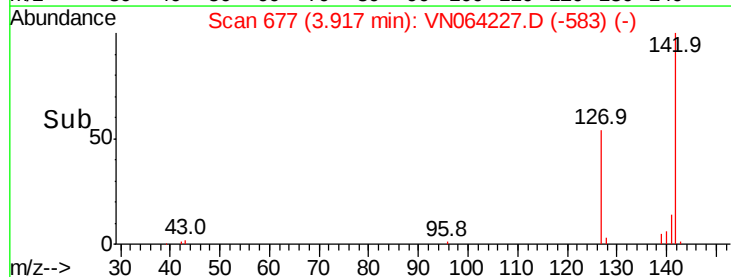
Abundance Ion 141.80 (141.50 to 142.50): V

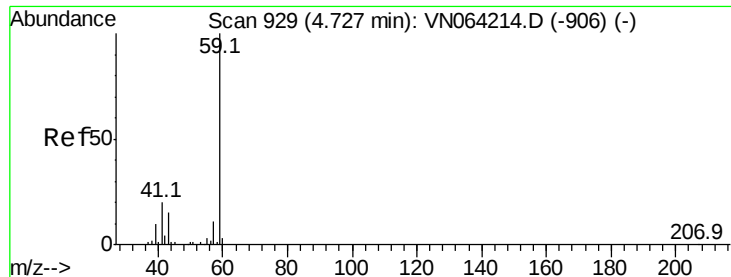
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time--> 3.80 3.90 4.00





#11

Tert butyl alcohol

Concen: 102.810 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

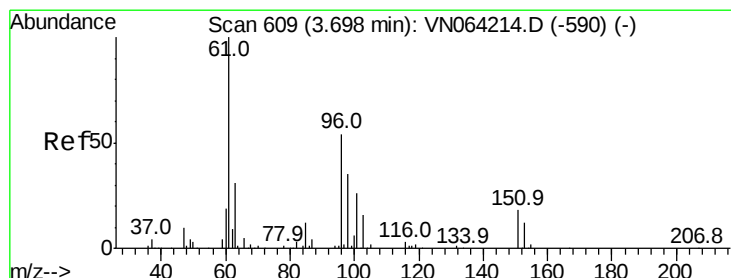
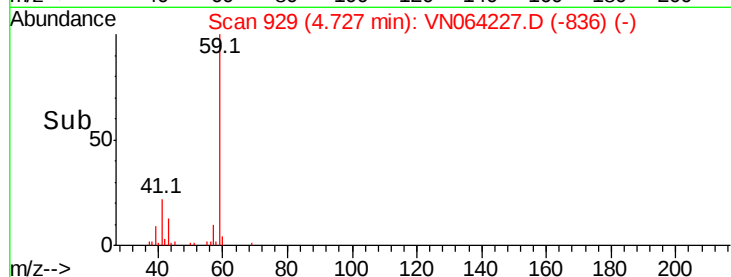
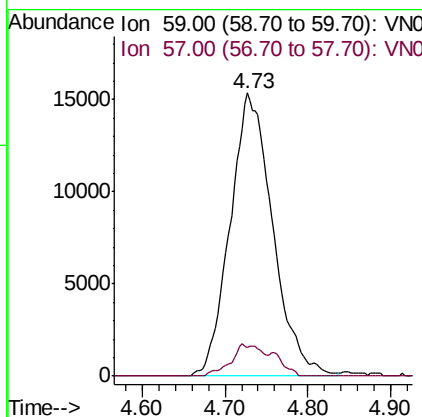
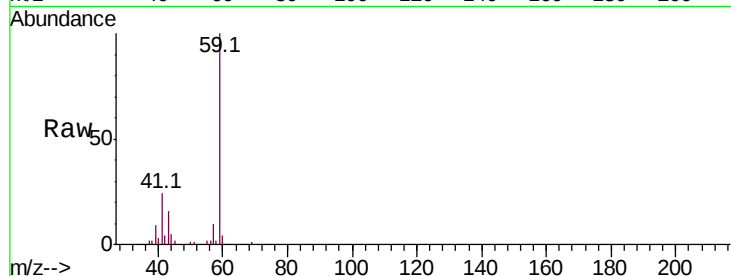
Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

Tot Ion: 59 Resp: 54714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 59  | 100   |       |       |
| 57  | 4.6   | 9.2   | 13.8# |



#12

1,1-Dichloroethene

Concen: 19.809 ug/l

RT: 3.70 min Scan# 610

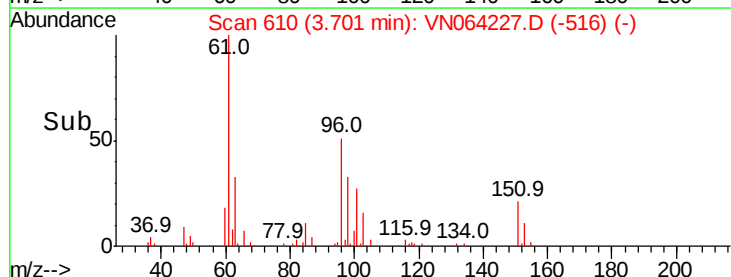
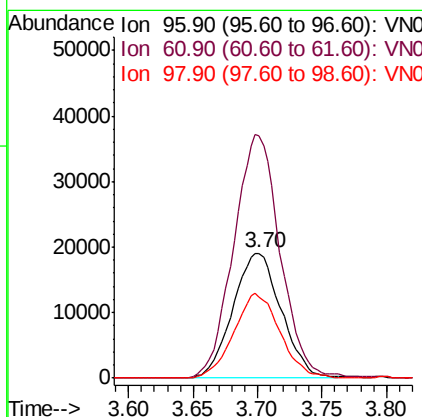
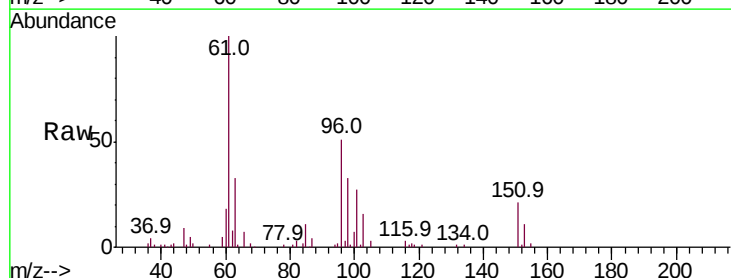
Delta R.T. 0.00 min

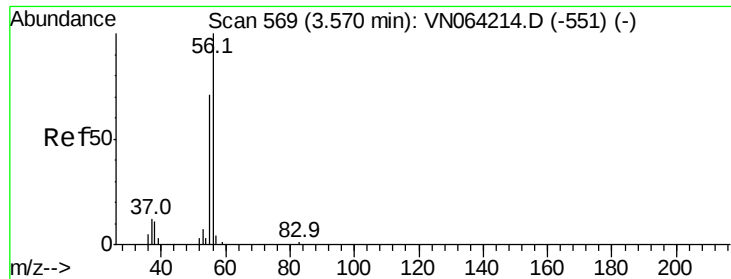
Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Tgt Ion: 96 Resp: 49702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 193.5 | 147.0 | 220.4 |
| 98  | 65.1  | 51.7  | 77.5  |





#13

Acrolein

Concen: 90.431 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

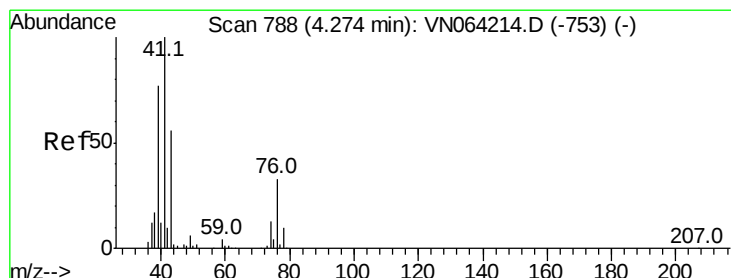
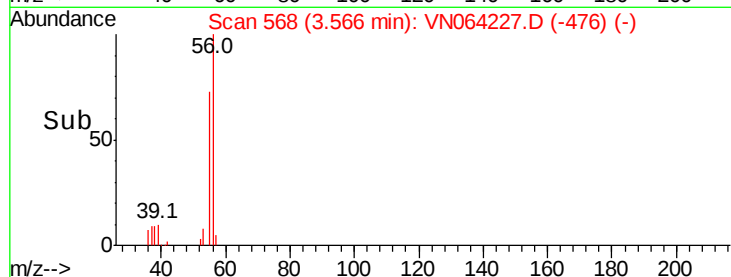
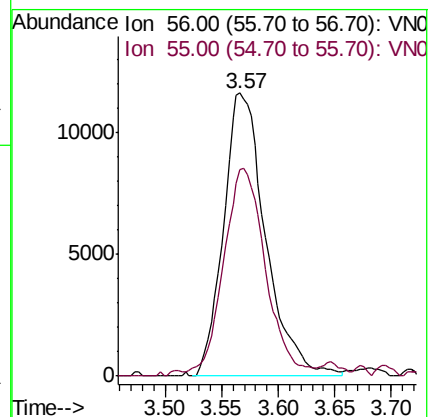
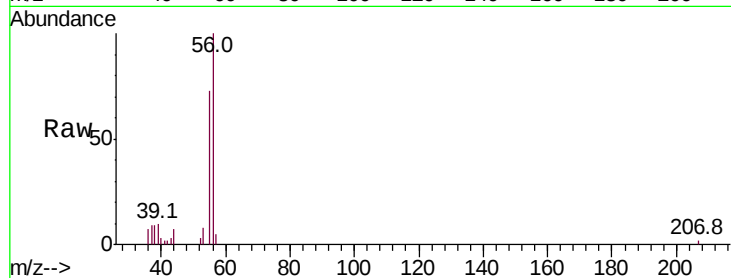
VN1021MBS01

Tot Ion: 56 Resp: 30210

Ion Ratio Lower Upper

56 100

55 70.3 56.1 84.1



#14

Allyl chloride

Concen: 20.500 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

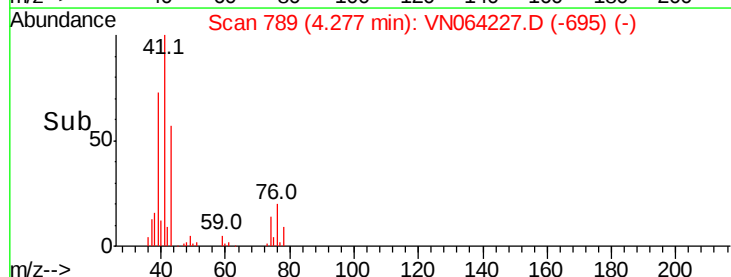
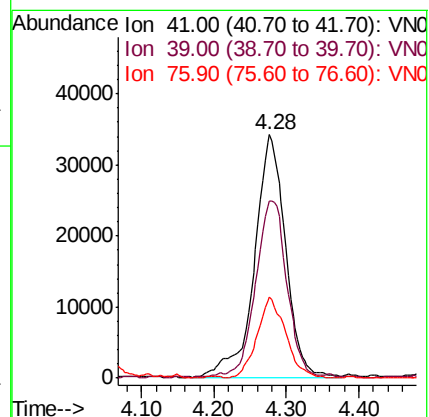
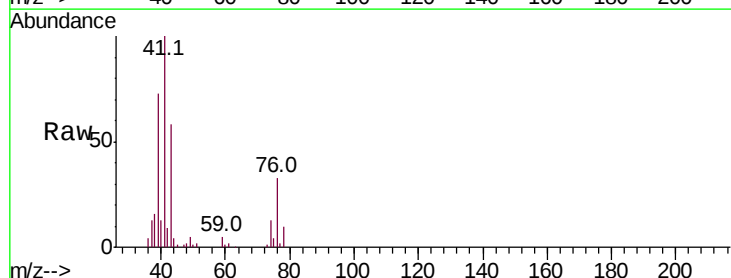
Tgt Ion: 41 Resp: 102944

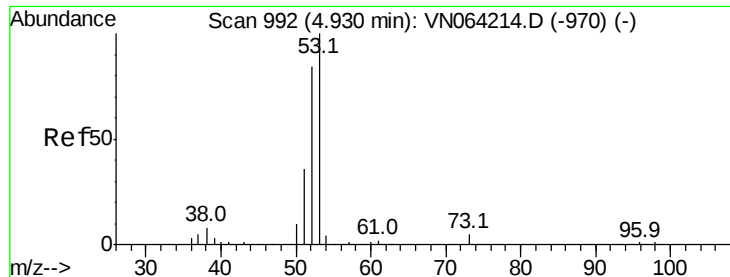
Ion Ratio Lower Upper

41 100

39 71.6 58.6 88.0

76 30.5 24.5 36.7





#15

Acrylonitrile

Concen: 101.702 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

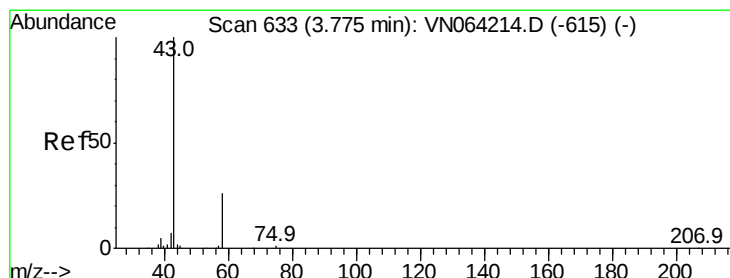
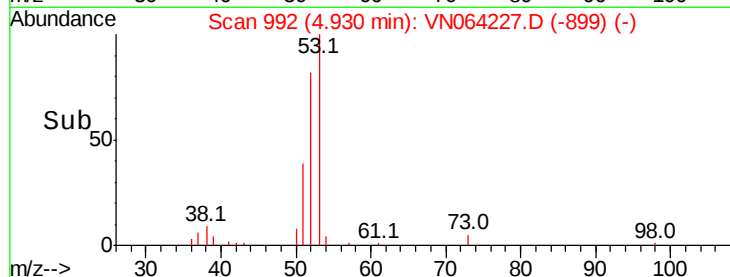
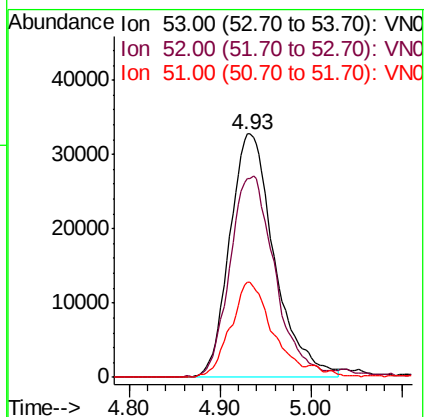
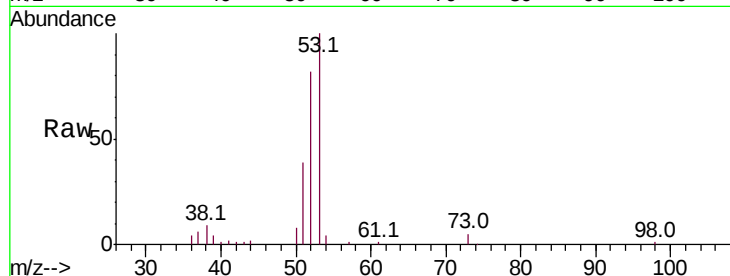
Tot Ion: 53 Resp: 111919

Ion Ratio Lower Upper

53 100

52 83.3 66.8 100.2

51 36.4 30.7 46.1



#16

Acetone

Concen: 101.369 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064227.D

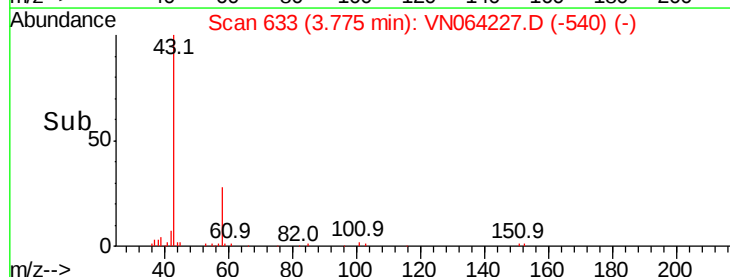
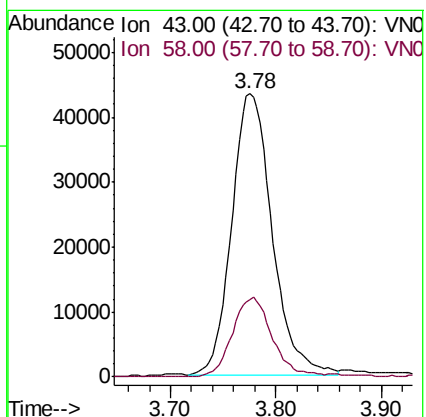
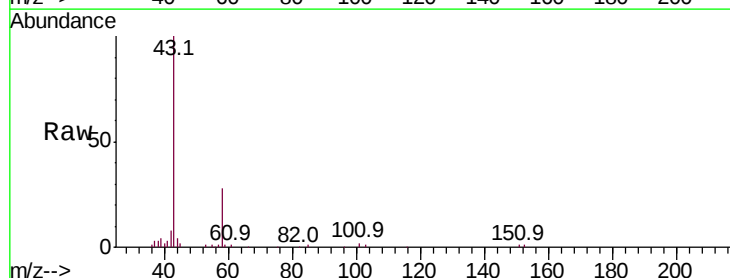
Acq: 21 Oct 2020 17:32

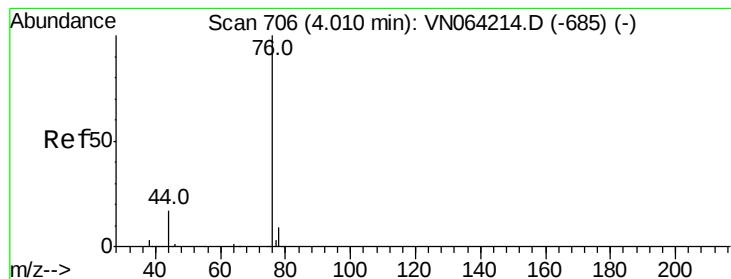
Tgt Ion: 43 Resp: 115311

Ion Ratio Lower Upper

43 100

58 27.7 21.0 31.4





#17

Carbon Disulfide

Concen: 19.851 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

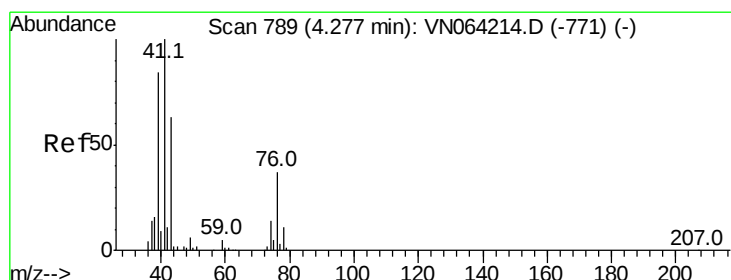
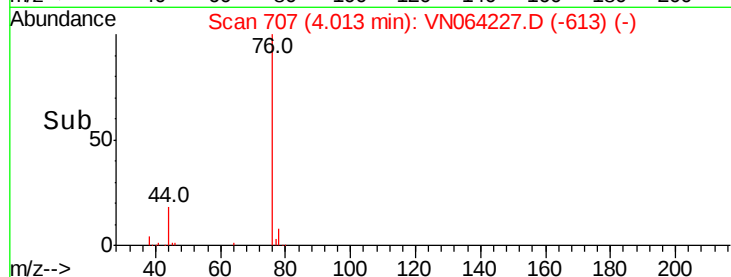
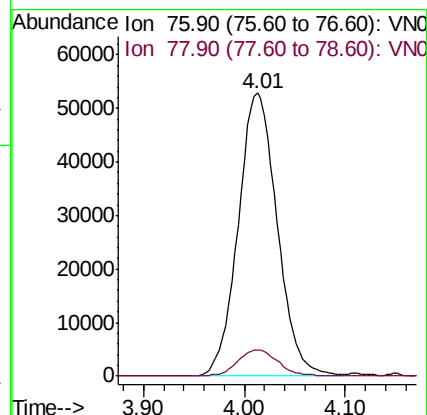
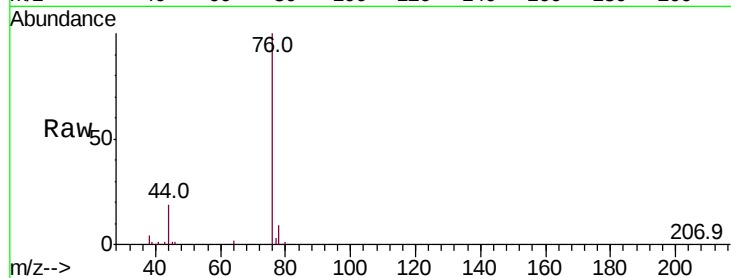
VN1021MBS01

Tot Ion: 76 Resp: 142074

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 19.477 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064227.D

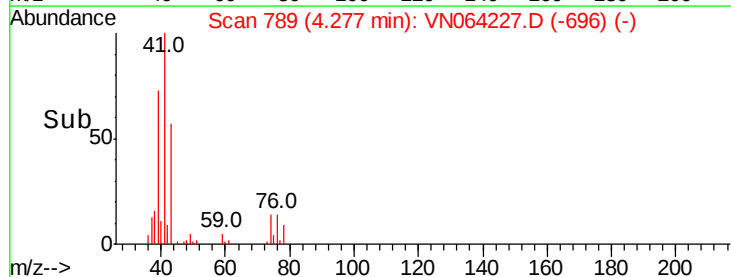
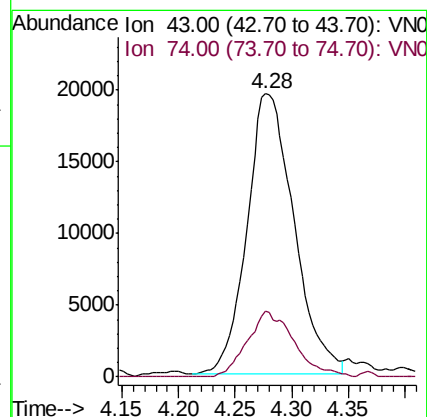
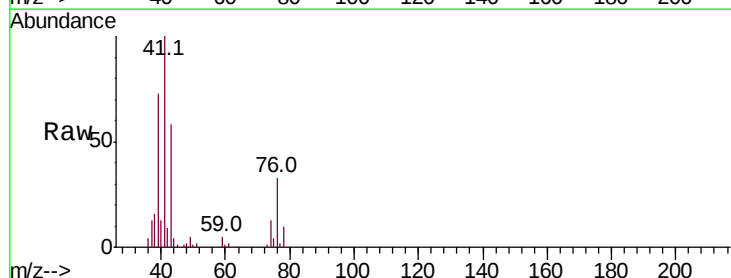
Acq: 21 Oct 2020 17:32

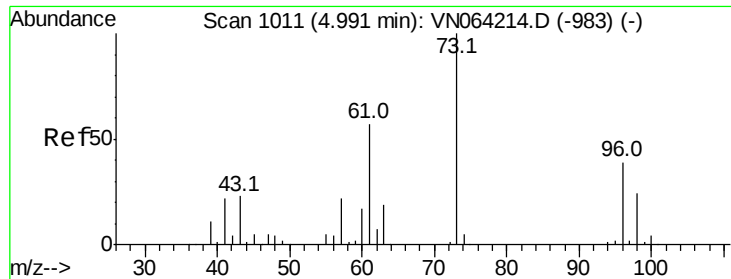
Tgt Ion: 43 Resp: 56457

Ion Ratio Lower Upper

43 100

74 23.3 17.9 26.9

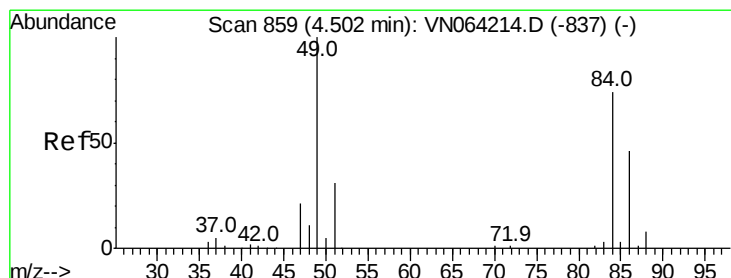
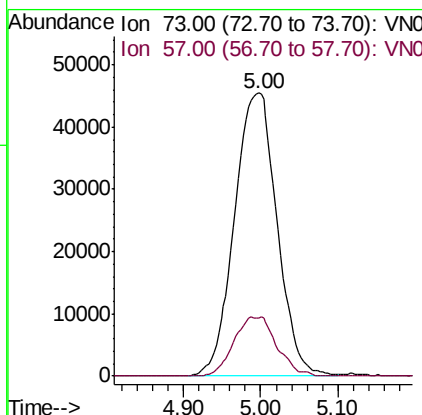
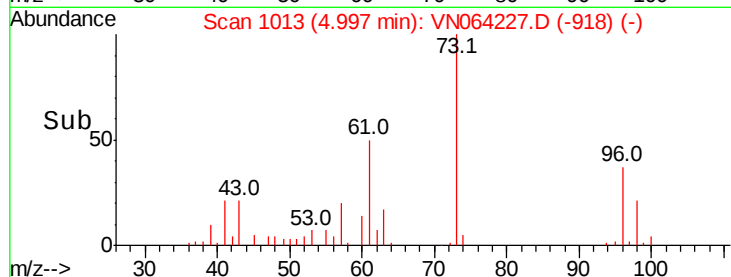
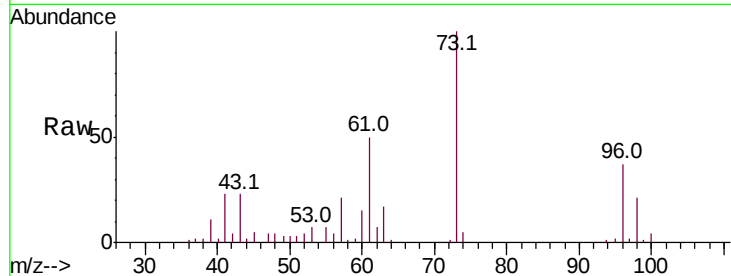




#19  
Methyl tert-butyl Ether  
Concen: 20.236 ug/l  
RT: 5.00 min Scan# 1013  
Delta R.T. 0.01 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

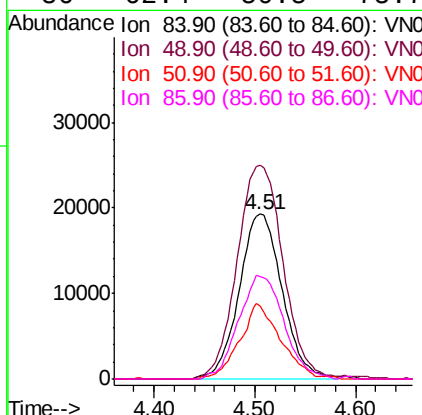
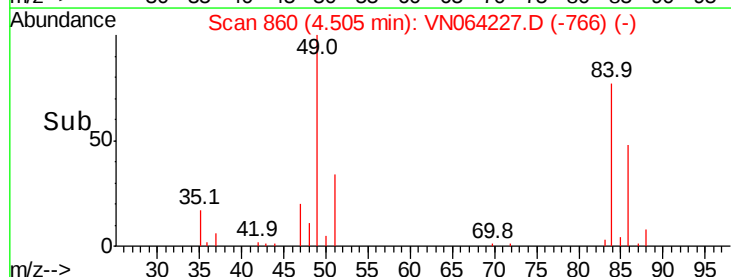
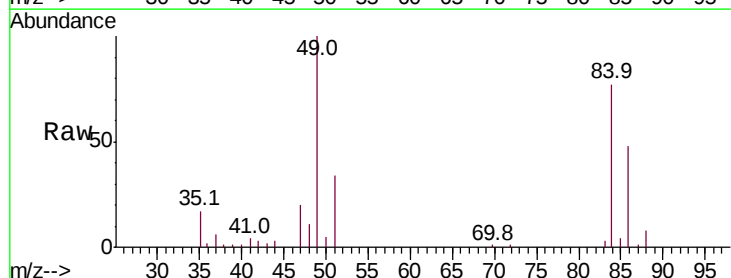
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1021MBS01

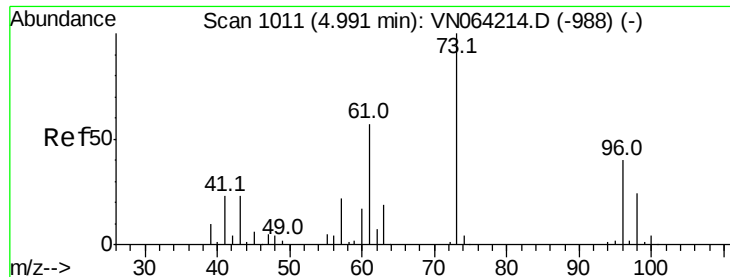
Tot Ion: 73 Resp: 174556  
Ion Ratio Lower Upper  
73 100  
57 20.6 18.0 27.0



#20  
Methylene Chloride  
Concen: 18.868 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion: 84 Resp: 57231  
Ion Ratio Lower Upper  
84 100  
49 129.7 108.5 162.7  
51 44.5 33.8 50.8  
86 62.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 20.360 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

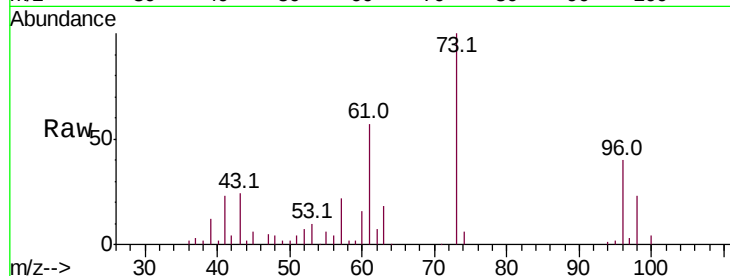
Tot Ion: 96 Resp: 56332

Ion Ratio Lower Upper

96 100

61 141.5 115.8 173.6

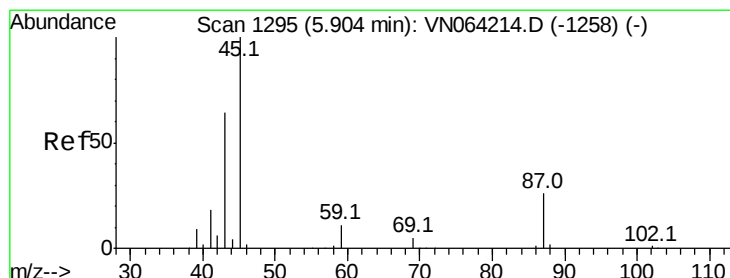
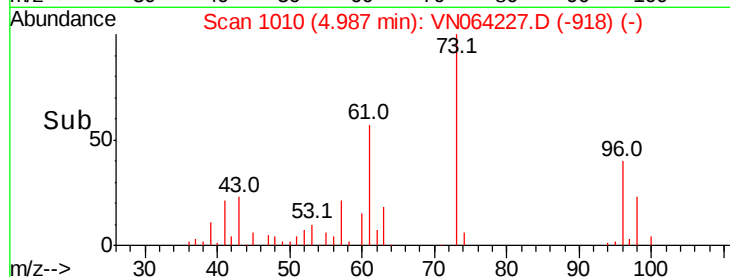
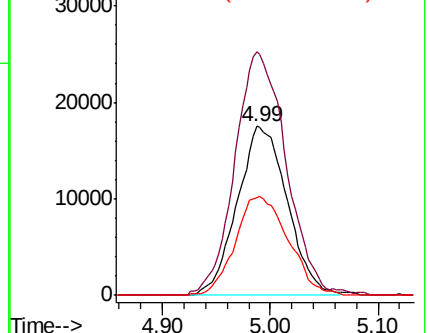
98 56.3 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN064227.D (-1202) (-)

Ion 60.90 (60.60 to 61.60): VN064227.D (-1202) (-)

Ion 97.90 (97.60 to 98.60): VN064227.D (-1202) (-)



#22

Diisopropyl ether

Concen: 19.155 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Tgt Ion: 45 Resp: 178817

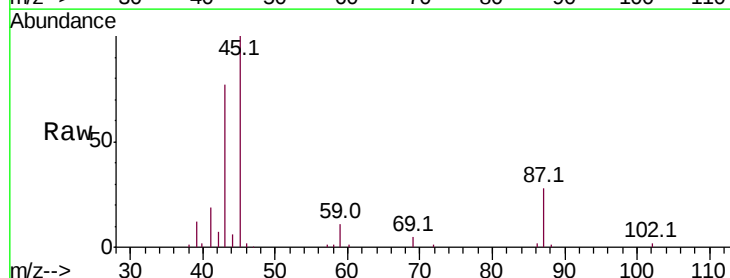
Ion Ratio Lower Upper

45 100

43 73.7 52.2 78.4

87 28.0 21.4 32.0

59 10.5 8.3 12.5

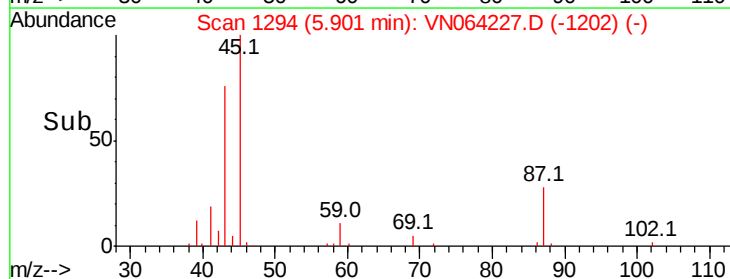
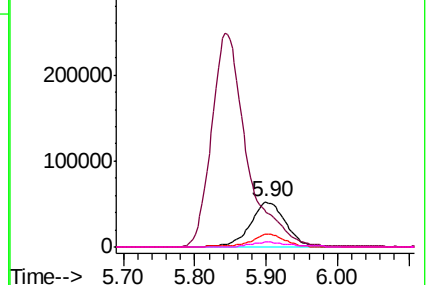


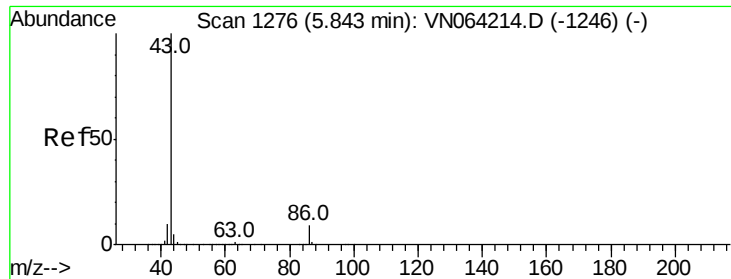
Abundance Ion 45.00 (44.70 to 45.70): VN064227.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064227.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064227.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064227.D (-1202) (-)

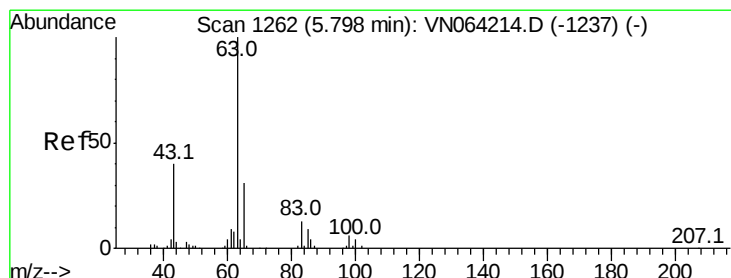
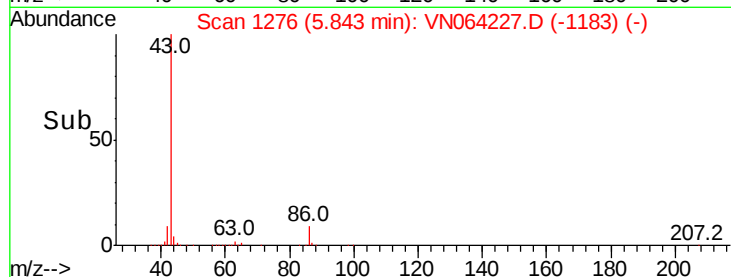
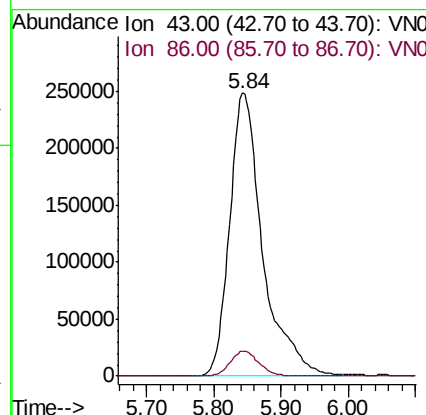
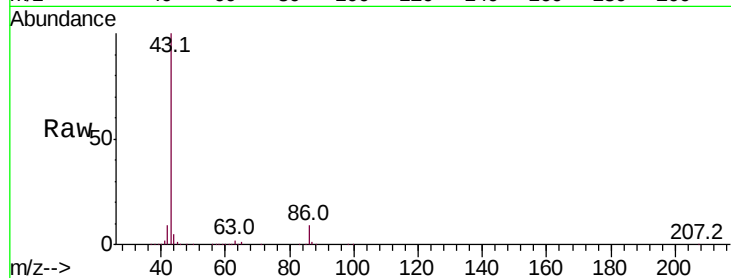




#23  
 Vinyl Acetate  
 Concen: 101.867 ug/l  
 RT: 5.84 min Scan# 1276  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

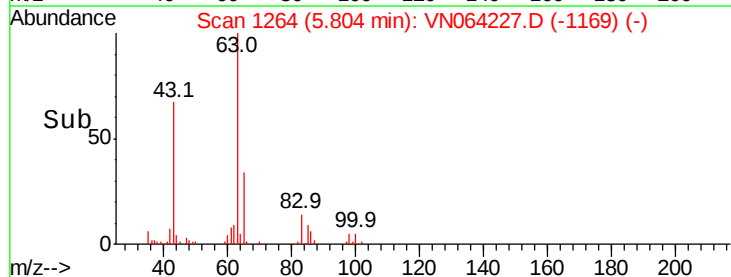
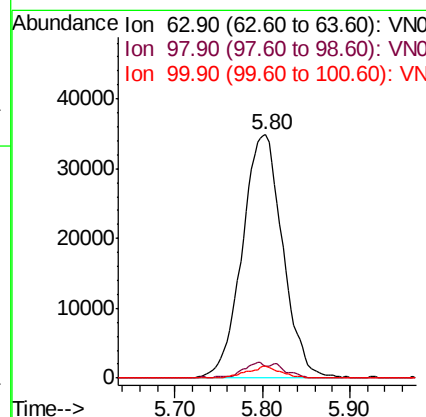
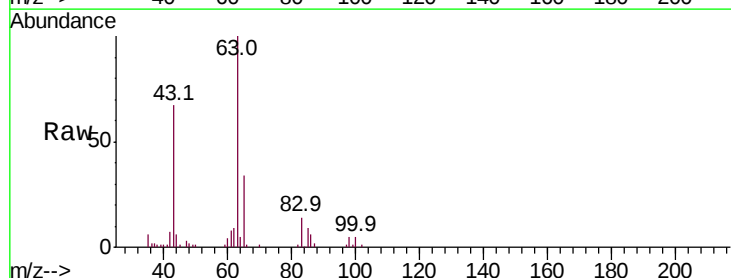
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1021MBS01

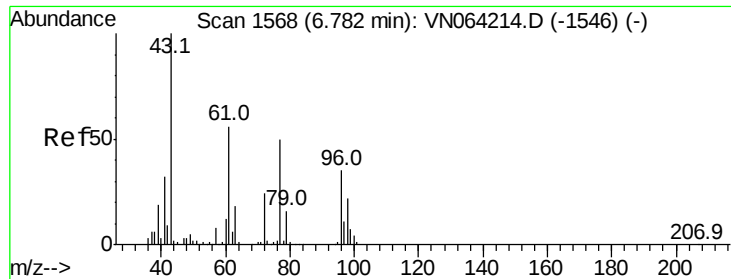
Tot Ion: 43 Resp: 848058  
 Ion Ratio Lower Upper  
 43 100  
 86 8.9 7.4 11.0



#24  
 1,1-Dichloroethane  
 Concen: 20.660 ug/l  
 RT: 5.80 min Scan# 1264  
 Delta R.T. 0.01 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

Tgt Ion: 63 Resp: 111730  
 Ion Ratio Lower Upper  
 63 100  
 98 5.1 2.9 8.7  
 100 4.8 2.0 6.0





#25

2-Butanone

Concen: 101.715 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

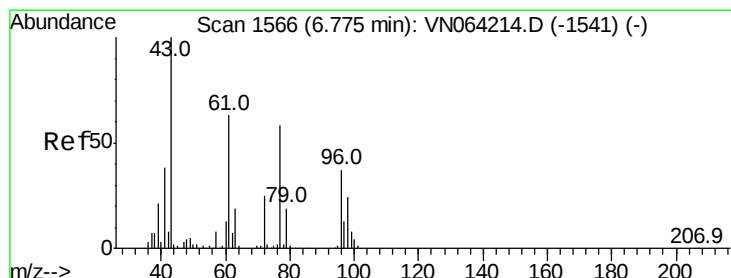
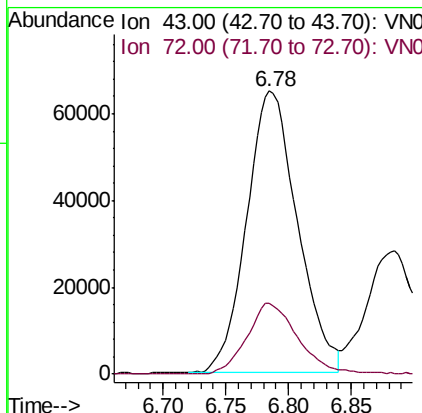
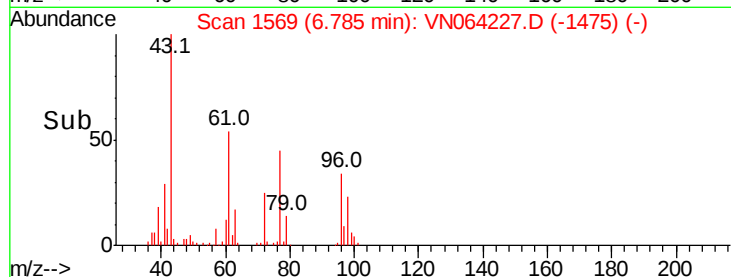
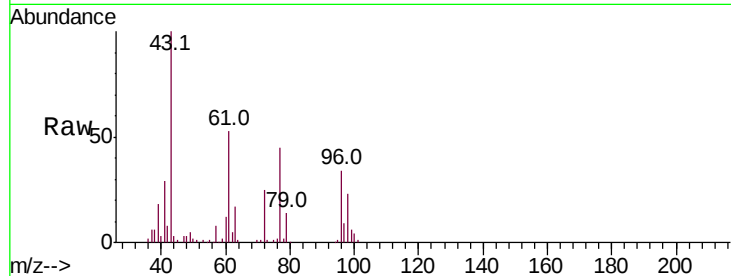
VN1021MBS01

Tot Ion: 43 Resp: 183827

Ion Ratio Lower Upper

43 100

72 25.3 19.4 29.0



#26

2,2-Dichloropropane

Concen: 19.327 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064227.D

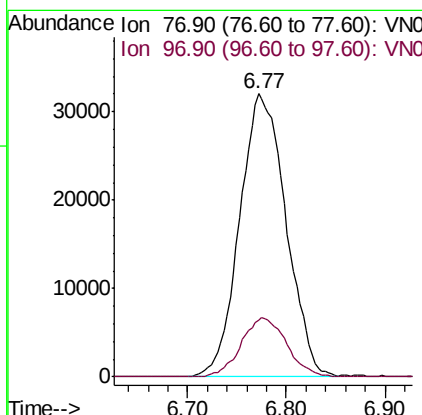
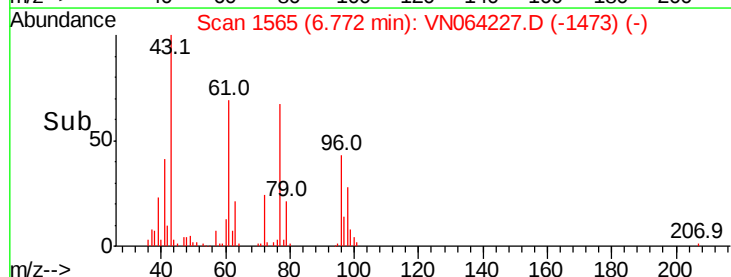
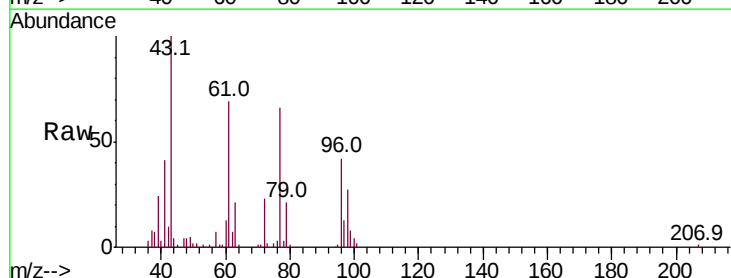
Acq: 21 Oct 2020 17:32

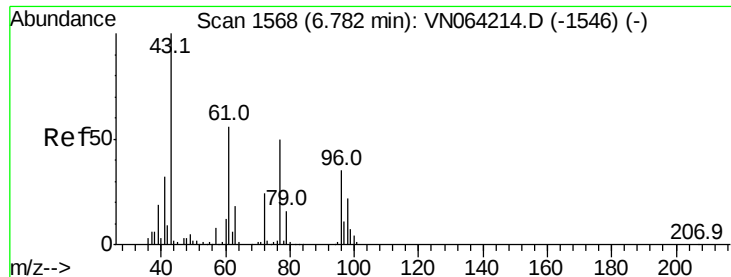
Tgt Ion: 77 Resp: 104055

Ion Ratio Lower Upper

77 100

97 20.5 10.4 31.4

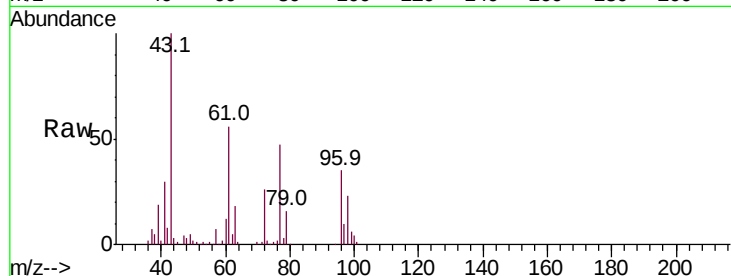




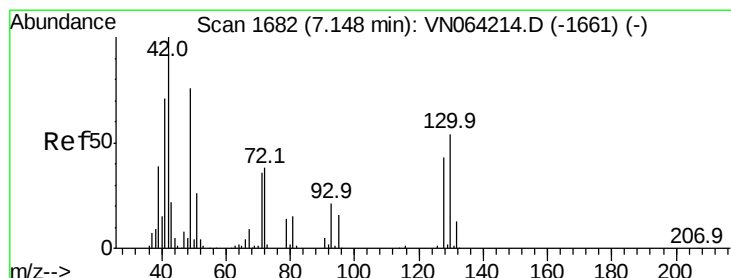
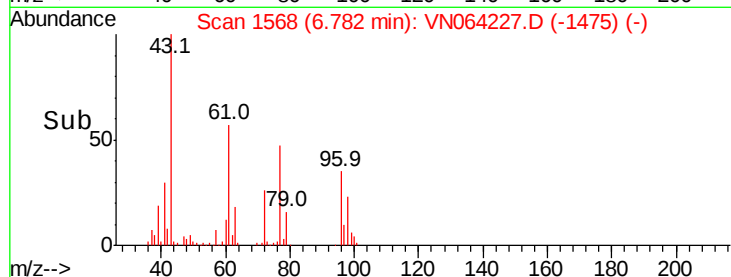
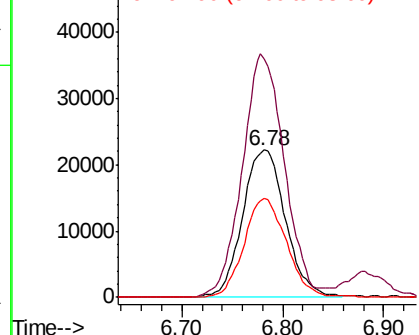
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.383 ug/l  
 RT: 6.78 min Scan# 1568  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021MBS01

Tot Ion: 96 Resp: 65676  
 Ion Ratio Lower Upper  
 96 100  
 61 161.1 0.0 330.0  
 98 65.9 0.0 130.6

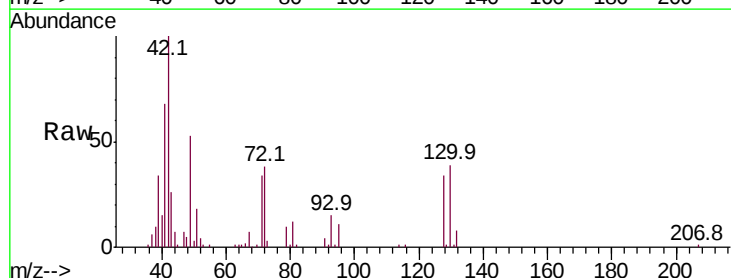


Abundance Ion 95.90 (95.60 to 96.60): VN0  
 Ion 60.90 (60.60 to 61.60): VN0  
 Ion 97.90 (97.60 to 98.60): VN0

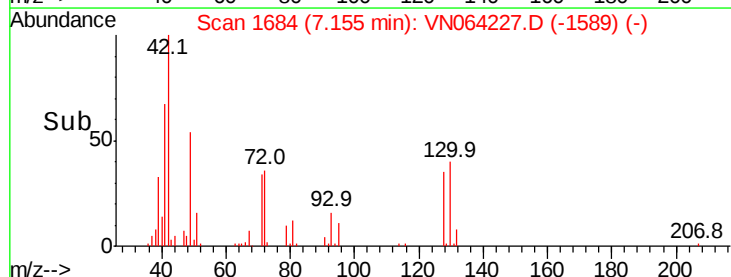
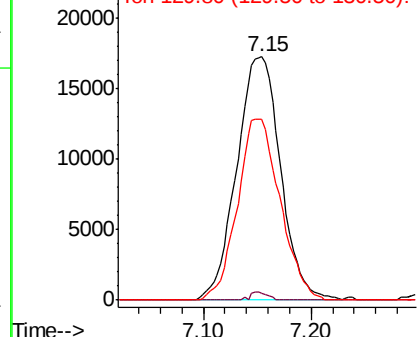


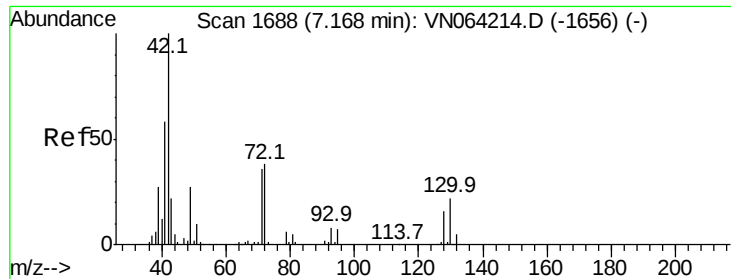
#28  
 Bromochloromethane  
 Concen: 18.995 ug/l  
 RT: 7.15 min Scan# 1684  
 Delta R.T. 0.01 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

Tgt Ion: 49 Resp: 48801  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 2.8  
 130 72.3 58.8 88.2



Abundance Ion 48.90 (48.60 to 49.60): VN0  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 104.376 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampled :

VN1021MBS01

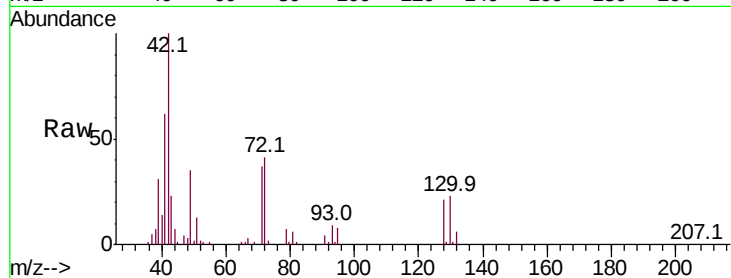
Tot Ion: 42 Resp: 112837

Ion Ratio Lower Upper

42 100

72 40.0 30.8 46.2

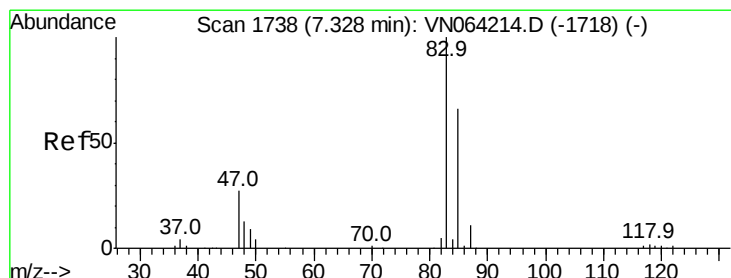
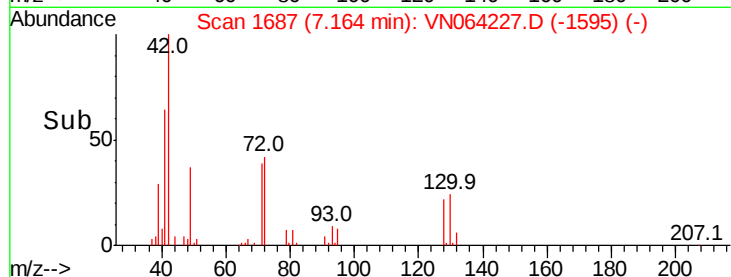
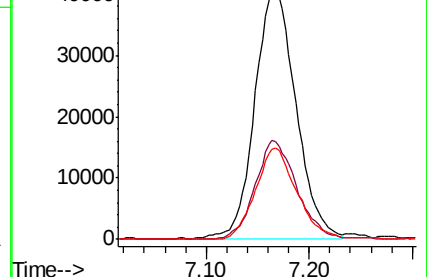
71 36.6 29.0 43.6



Abundance Ion 42.00 (41.70 to 42.70): VN064227.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN064227.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN064227.D (-1656) (-)



#30

Chloroform

Concen: 20.851 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064227.D

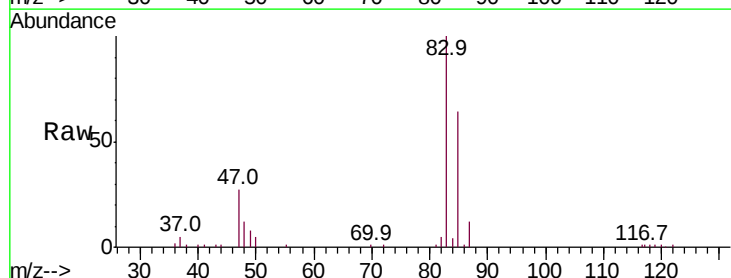
Acq: 21 Oct 2020 17:32

Tgt Ion: 83 Resp: 120280

Ion Ratio Lower Upper

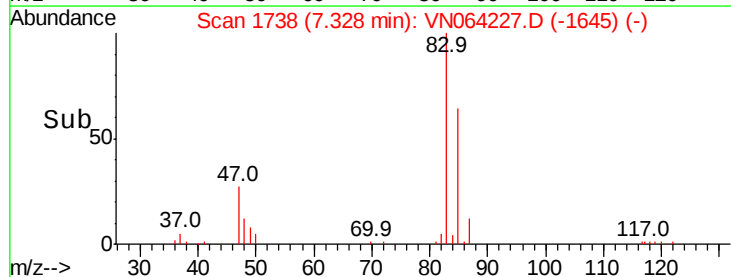
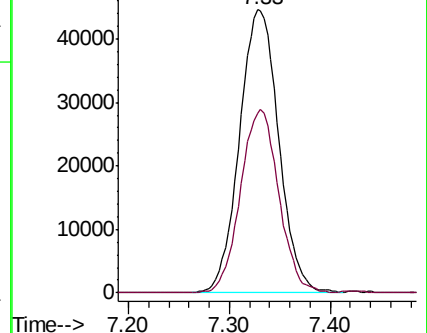
83 100

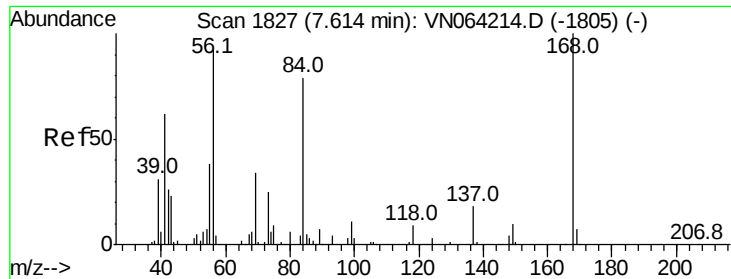
85 63.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN064227.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064227.D (-1645) (-)





#31

Cyclohexane

Concen: 18.864 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

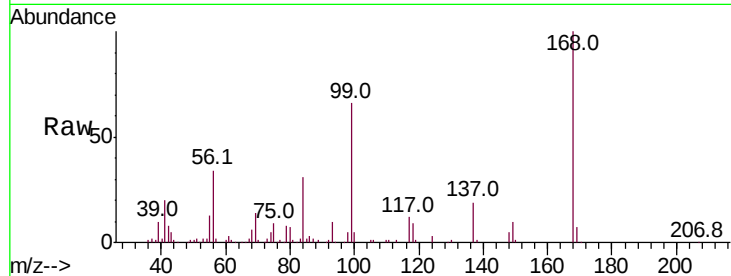
Tot Ion: 56 Resp: 88906

Ion Ratio Lower Upper

56 100

69 41.8 29.8 44.6

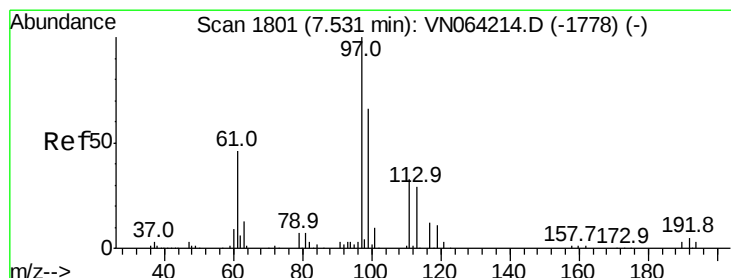
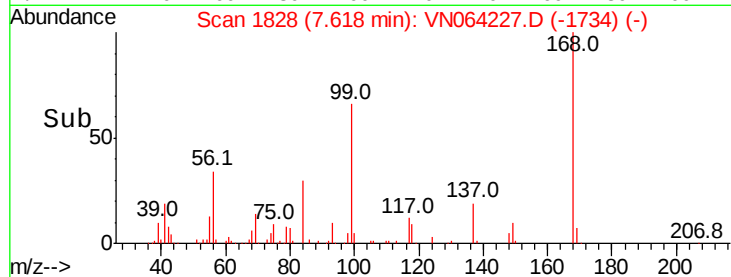
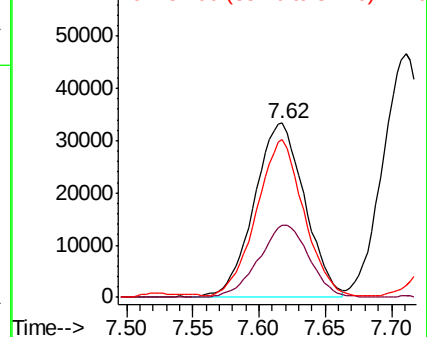
84 89.1 68.1 102.1



Abundance Ion 56.00 (55.70 to 56.70): VN064227.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064227.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064227.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 20.495 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

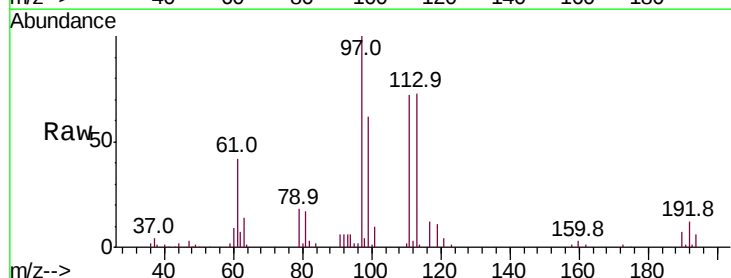
Tgt Ion: 97 Resp: 110754

Ion Ratio Lower Upper

97 100

99 62.6 51.2 76.8

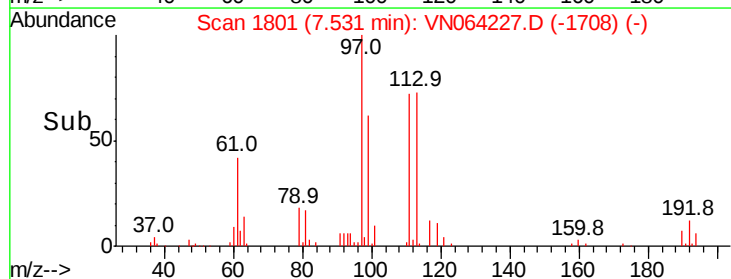
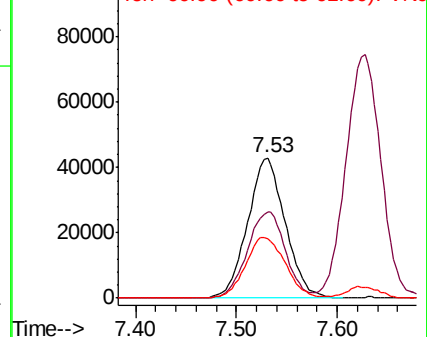
61 45.9 36.3 54.5

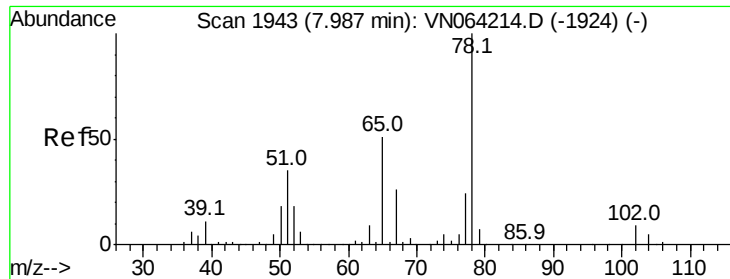


Abundance Ion 96.90 (96.60 to 97.60): VN064227.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN064227.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN064227.D (-1708) (-)

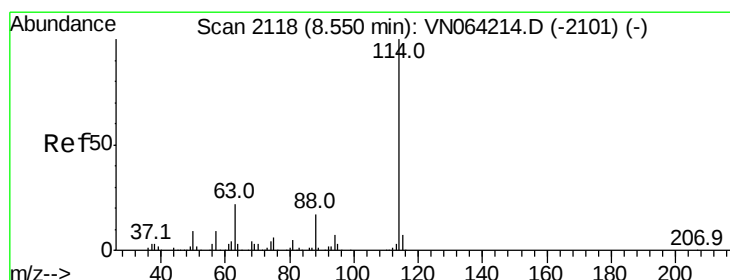
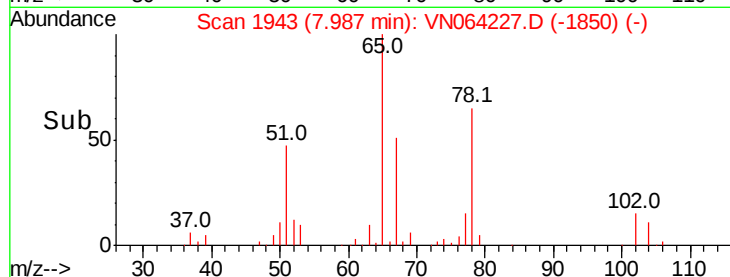
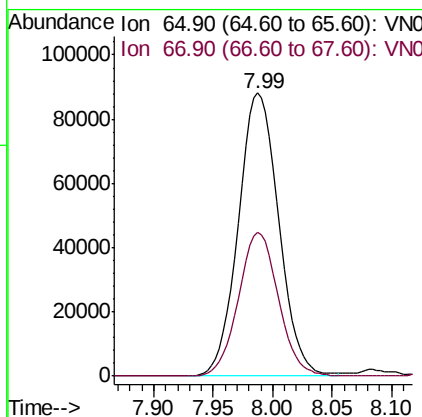
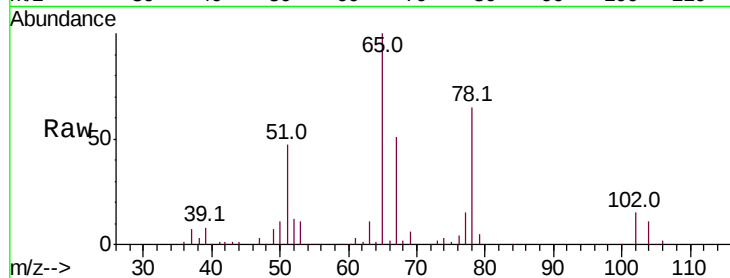




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.266 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

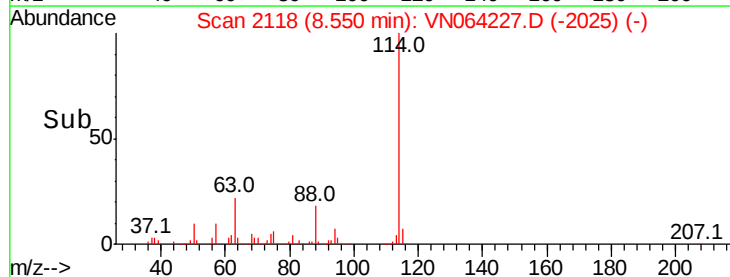
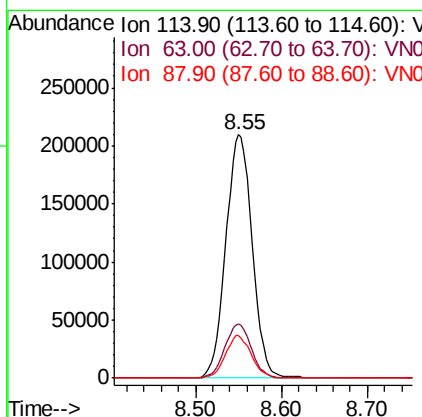
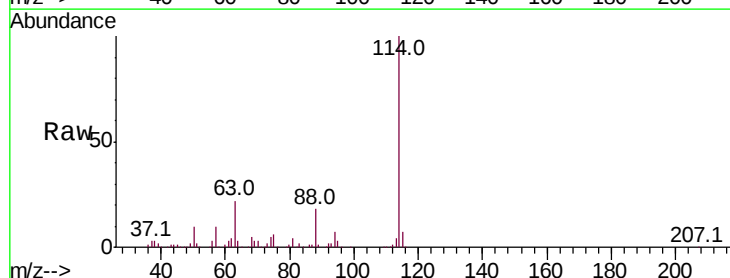
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021MBS01

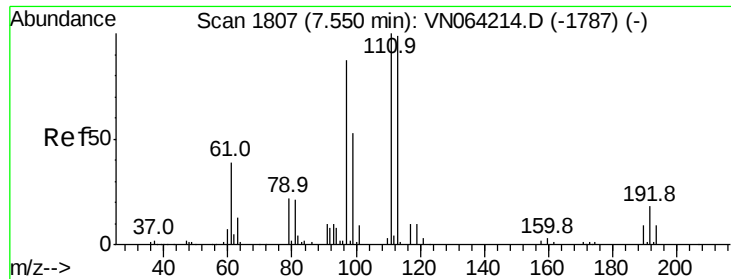
Tot Ion: 65 Resp: 207790  
 Ion Ratio Lower Upper  
 65 100  
 67 50.3 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

Tgt Ion: 114 Resp: 445738  
 Ion Ratio Lower Upper  
 114 100  
 63 22.1 0.0 44.0  
 88 17.8 0.0 34.2

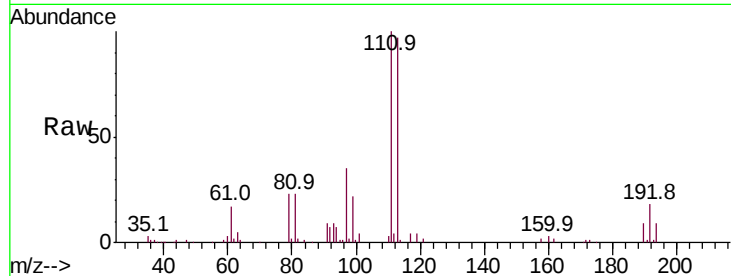




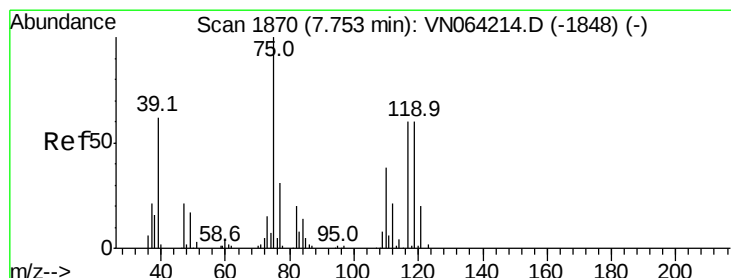
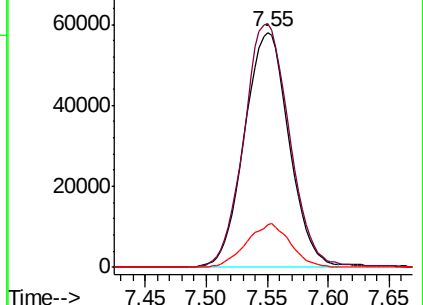
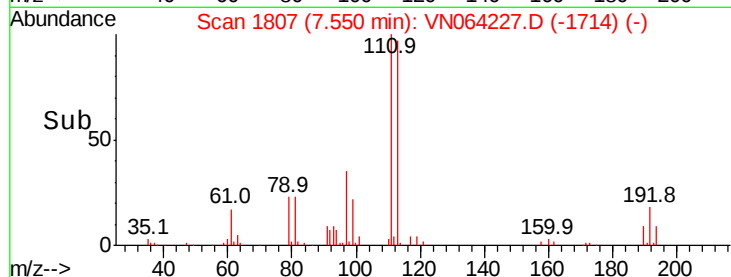
#35  
Dibromofluoromethane  
Concen: 49.586 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

Tot Ion:113 Resp: 146948  
Ion Ratio Lower Upper  
113 100  
111 105.6 84.2 126.2  
192 18.4 15.2 22.8

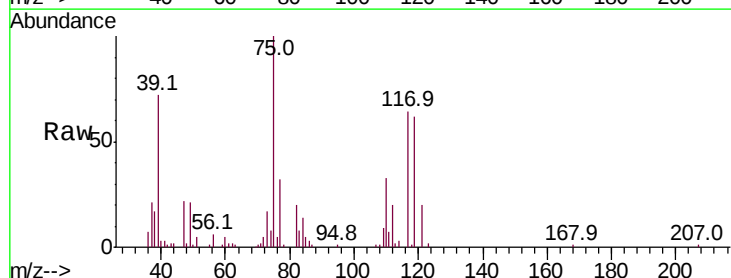


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

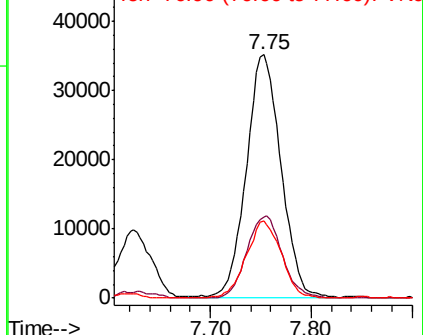
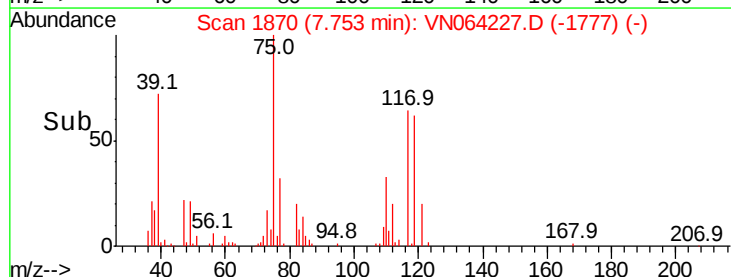


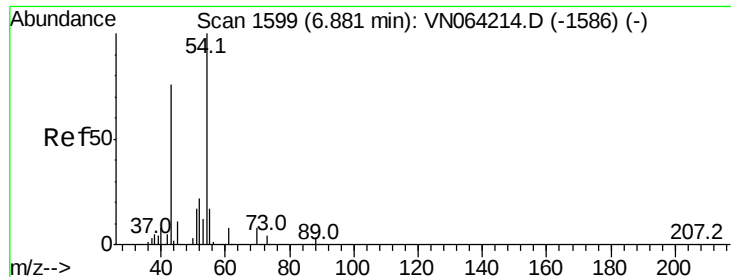
#36  
1,1-Dichloropropene  
Concen: 18.987 ug/l  
RT: 7.75 min Scan# 1870  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion: 75 Resp: 84375  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.2 51.6  
77 31.7 24.9 37.3



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

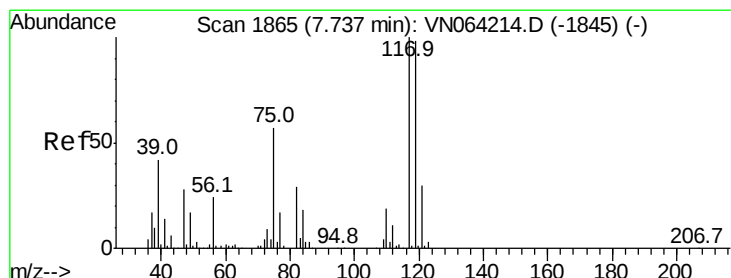
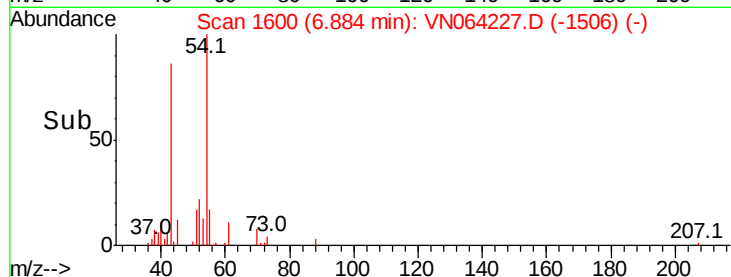
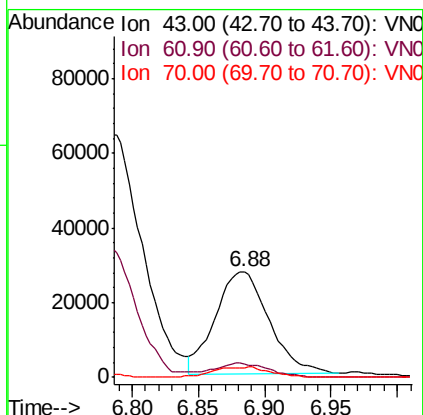
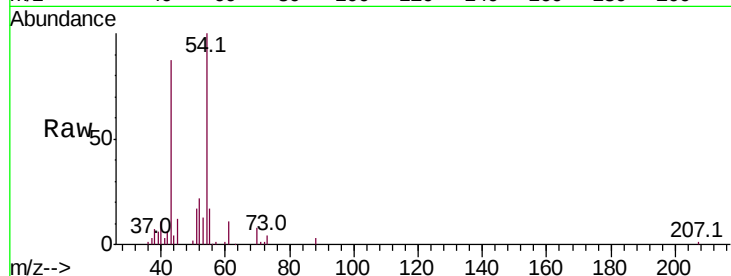




#37  
Ethyl Acetate  
Concen: 19.097 ug/l  
RT: 6.88 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

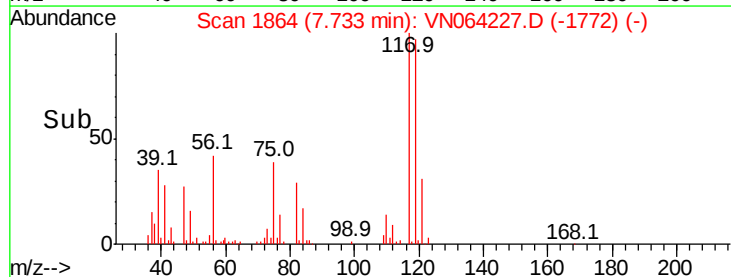
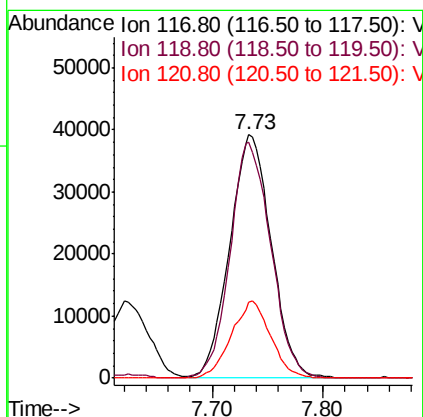
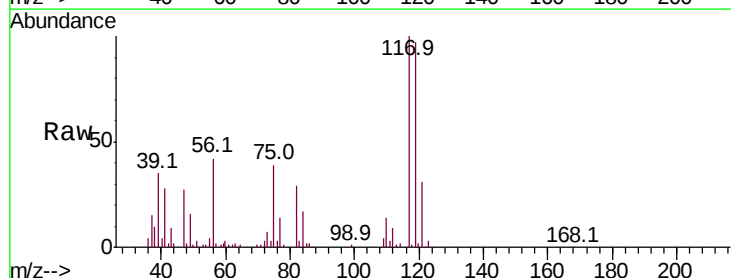
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

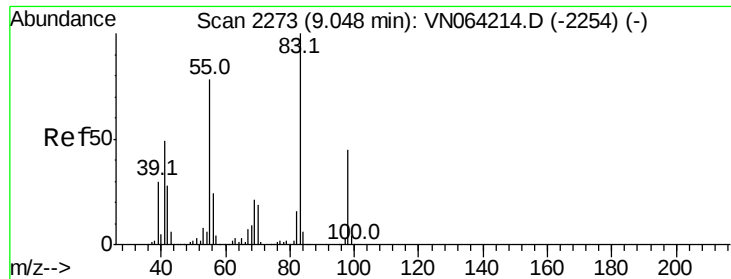
Tot Ion: 43 Resp: 77052  
Ion Ratio Lower Upper  
43 100  
61 13.1 10.0 15.0  
70 10.8 7.5 11.3



#38  
Carbon Tetrachloride  
Concen: 20.260 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion: 117 Resp: 102433  
Ion Ratio Lower Upper  
117 100  
119 96.7 78.5 117.7  
121 31.3 24.3 36.5

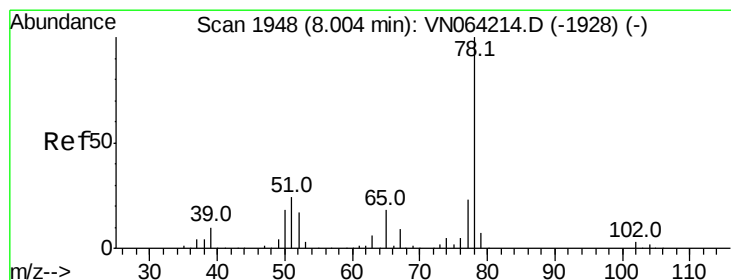
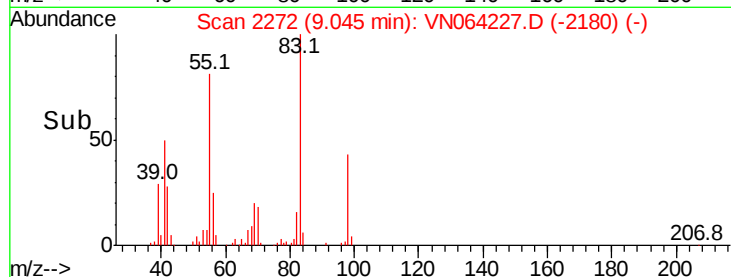
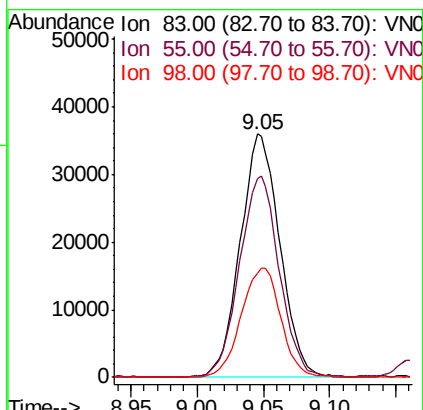
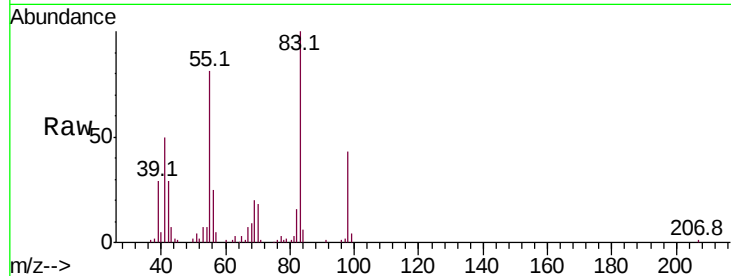




#39  
Methvlcvclohexane  
Concen: 18.504 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

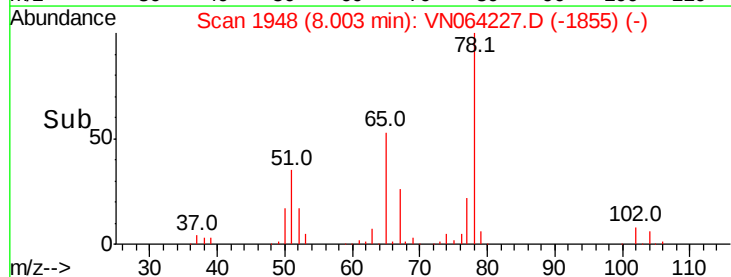
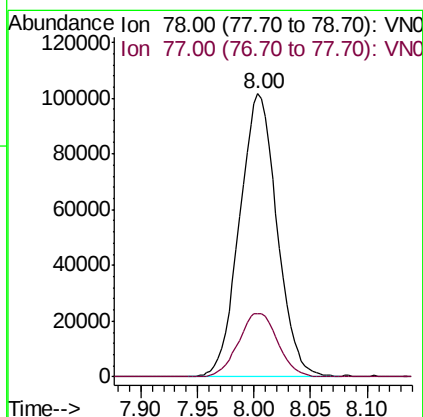
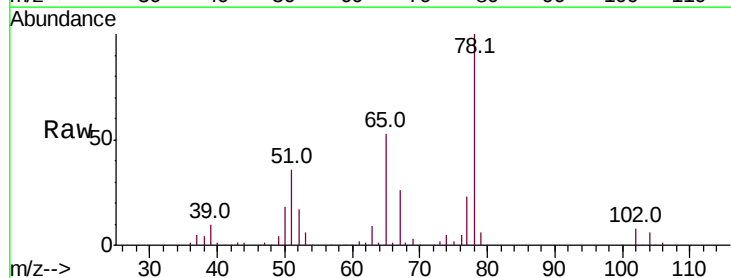
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

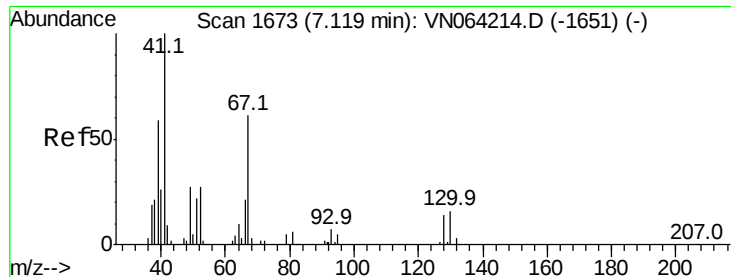
Tot Ion: 83 Resp: 74768  
Ion Ratio Lower Upper  
83 100  
55 81.0 62.2 93.2  
98 42.9 35.9 53.9



#40  
Benzene  
Concen: 19.107 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion: 78 Resp: 234386  
Ion Ratio Lower Upper  
78 100  
77 22.5 18.3 27.5

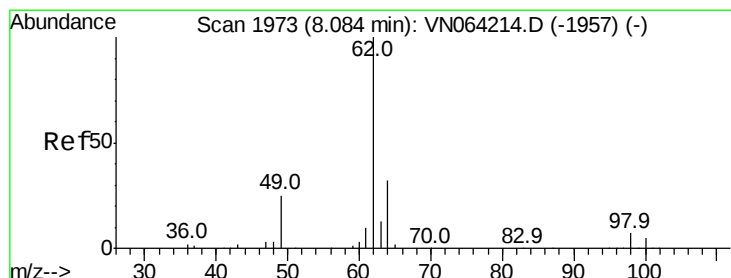
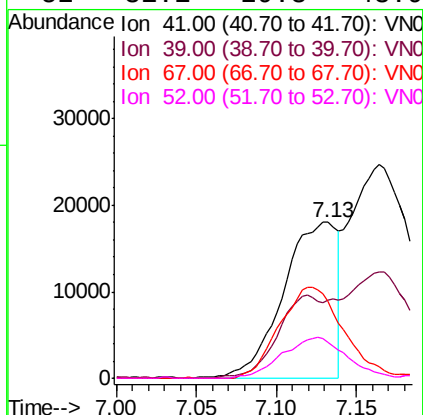
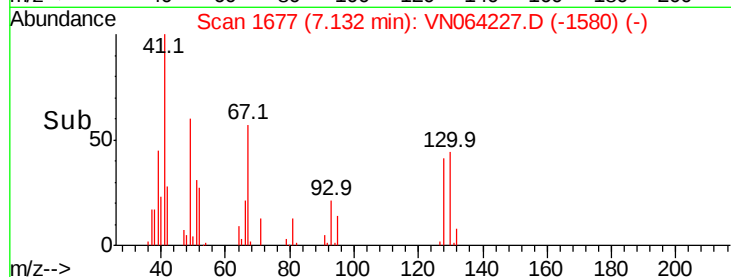
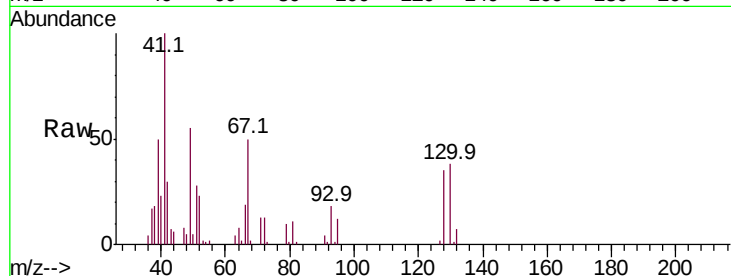




#41  
Methacrylonitrile  
Concen: 20.122 ug/l  
RT: 7.13 min Scan# 1677  
Delta R.T. 0.01 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

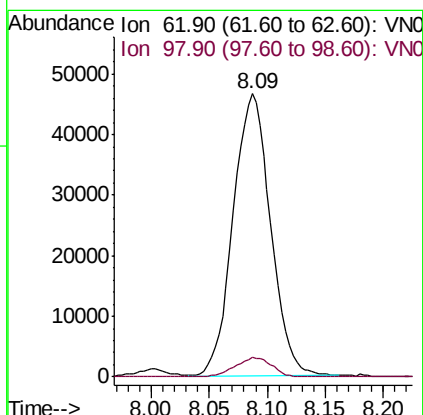
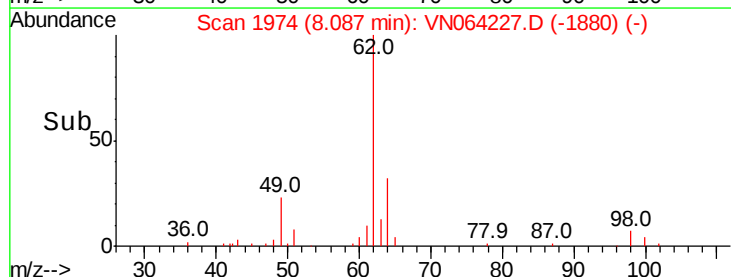
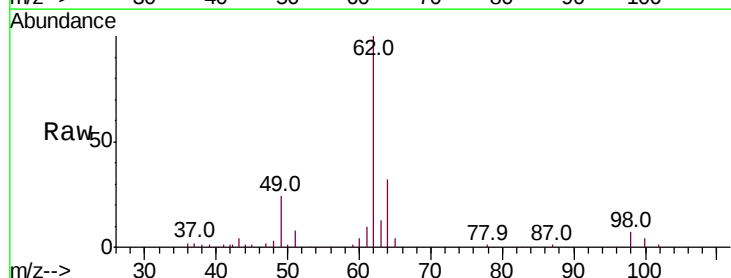
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

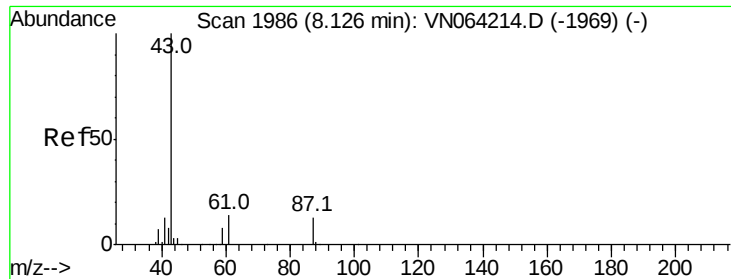
Tot Ion: 41 Resp: 42586  
Ion Ratio Lower Upper  
41 100  
39 43.1 50.5 75.7#  
67 69.3 63.2 94.8  
52 31.1 29.3 43.9



#42  
1,2-Dichloroethane  
Concen: 19.955 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion: 62 Resp: 104859  
Ion Ratio Lower Upper  
62 100  
98 6.6 0.0 15.0





#43

Isopropyl Acetate

Concen: 19.771 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

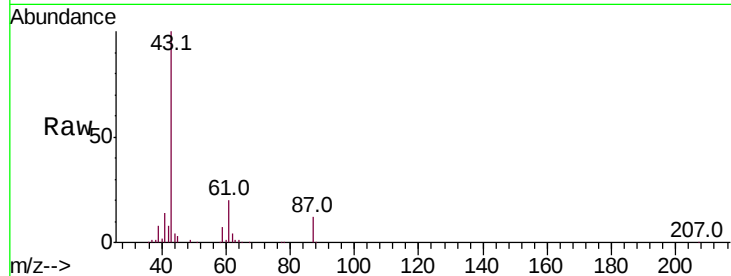
Tot Ion: 43 Resp: 148662

Ion Ratio Lower Upper

43 100

61 25.0 19.6 29.4

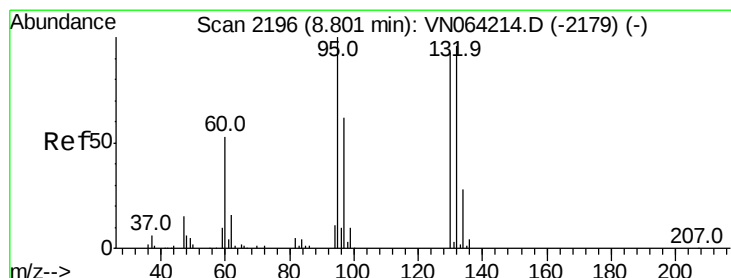
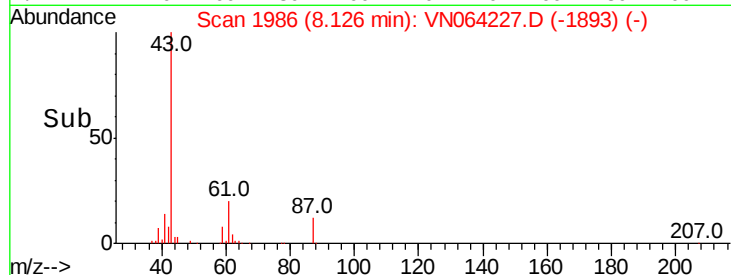
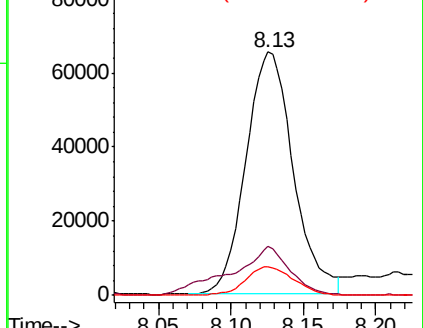
87 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN064227.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN064227.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN064227.D (-2103) (-)



#44

Trichloroethene

Concen: 18.949 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064227.D

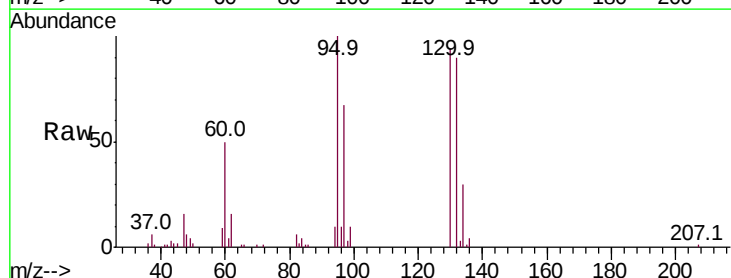
Acq: 21 Oct 2020 17:32

Tgt Ion:130 Resp: 63342

Ion Ratio Lower Upper

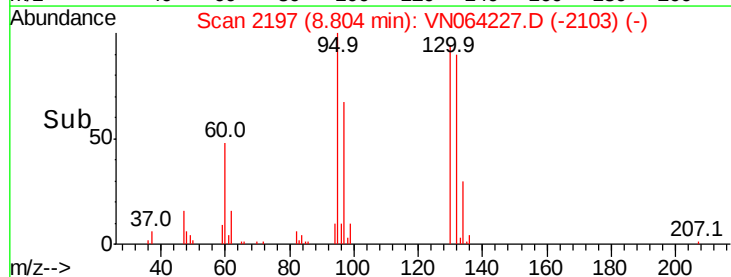
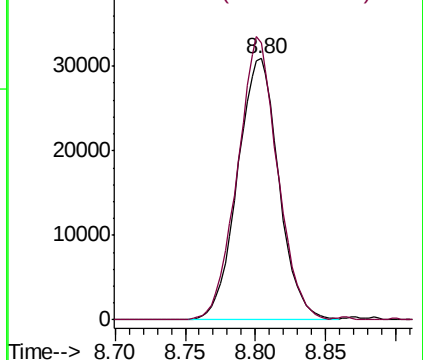
130 100

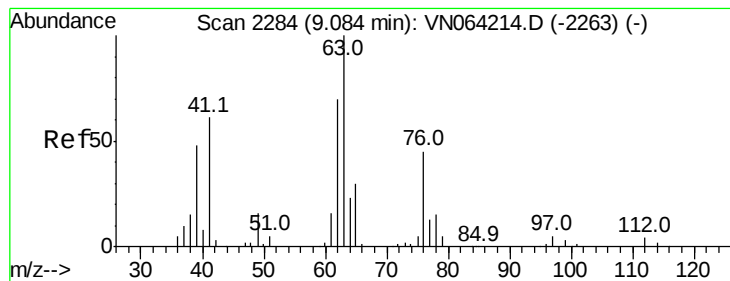
95 106.2 0.0 214.0



Abundance Ion 129.80 (129.50 to 130.50): VN064227.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064227.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 19.455 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

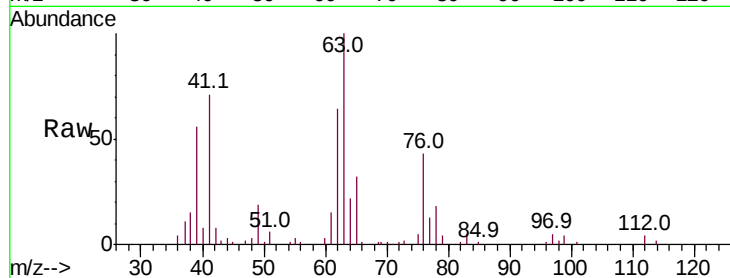
VN1021MBS01

Tot Ion: 63 Resp: 63712

Ion Ratio Lower Upper

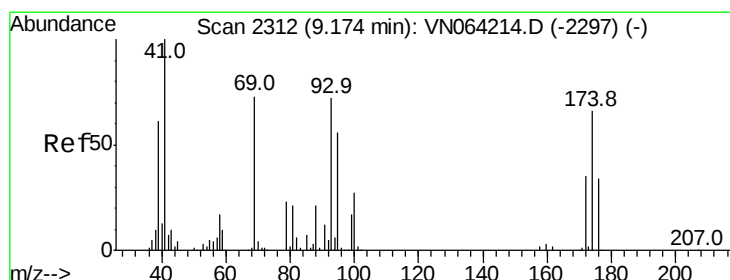
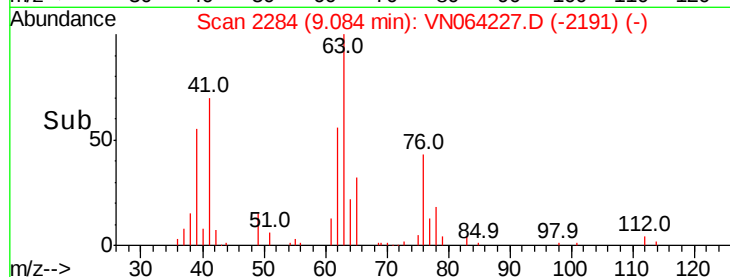
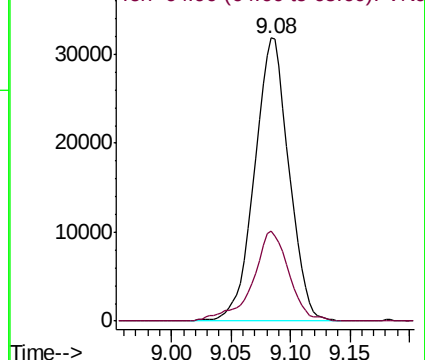
63 100

65 31.9 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.397 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

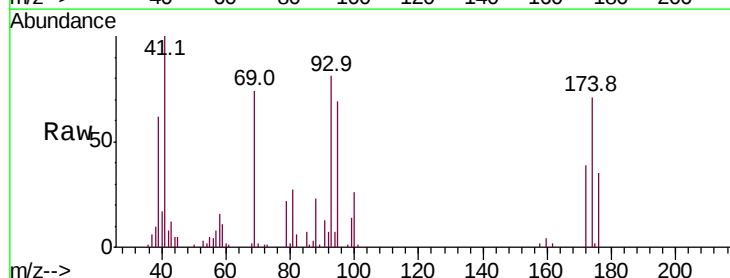
Tgt Ion: 93 Resp: 44852

Ion Ratio Lower Upper

93 100

95 83.0 63.0 94.4

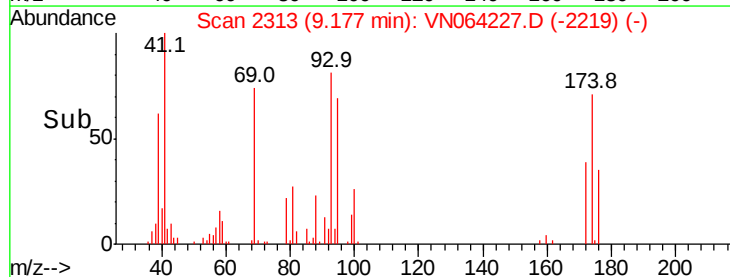
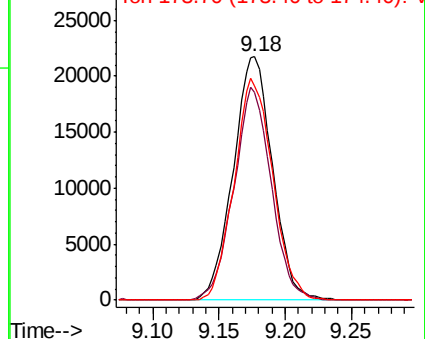
174 89.4 72.9 109.3

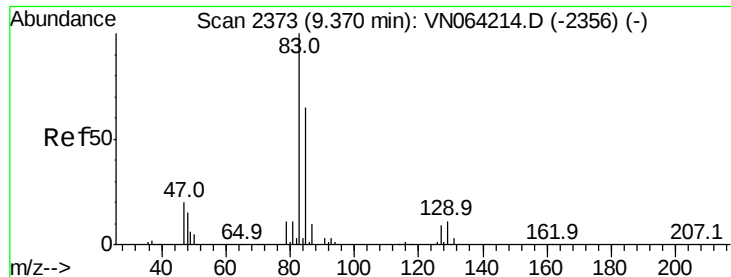


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.970 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

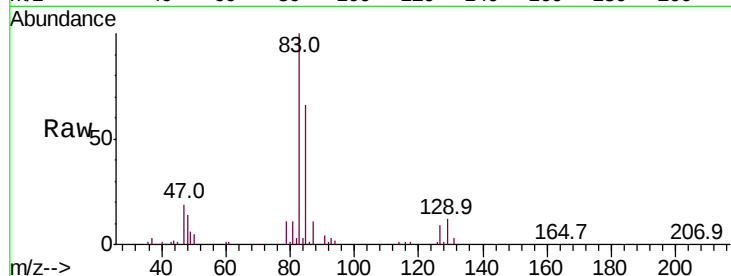
Tot Ion: 83 Resp: 97016

Ion Ratio Lower Upper

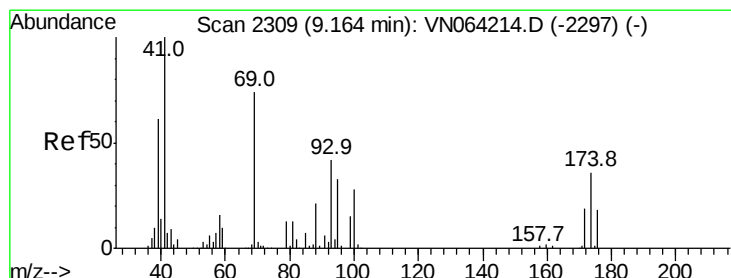
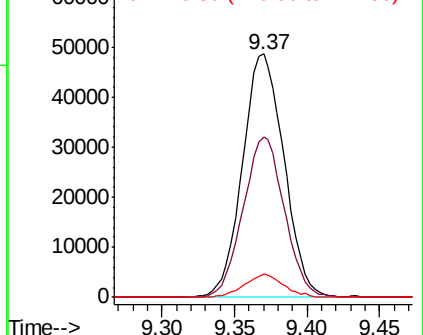
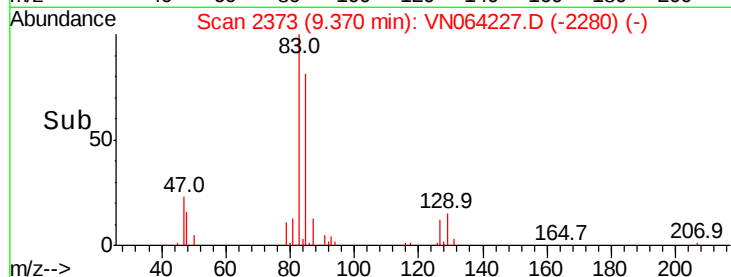
83 100

85 65.7 51.8 77.8

127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN064227.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.021 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

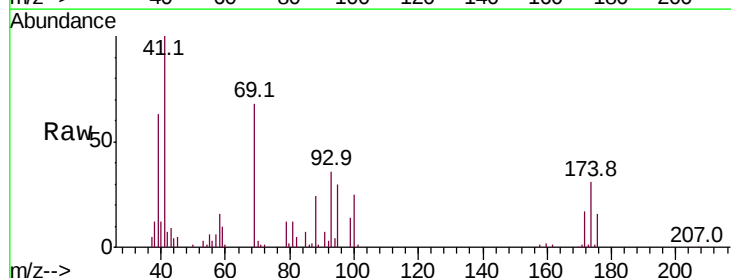
Tgt Ion: 41 Resp: 74712

Ion Ratio Lower Upper

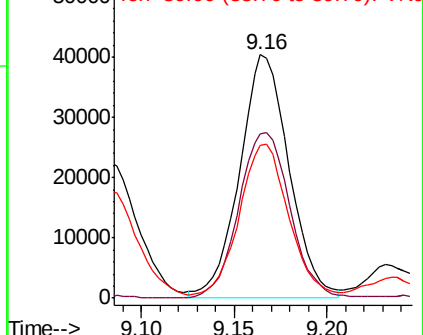
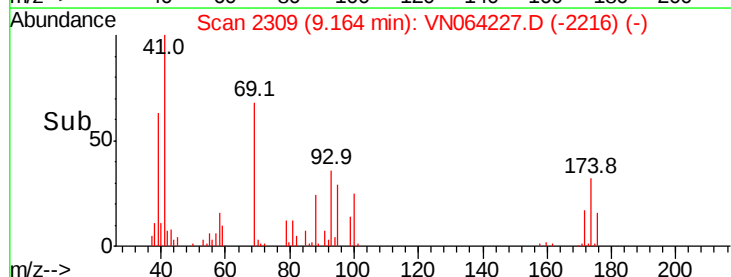
41 100

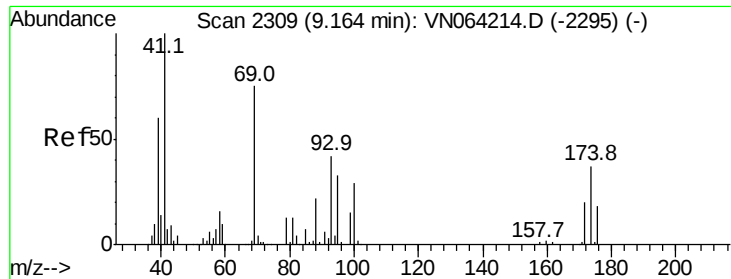
69 71.0 57.3 85.9

39 63.5 48.6 73.0



Abundance Ion 41.00 (40.70 to 41.70): VN064227.D (-2216) (-)

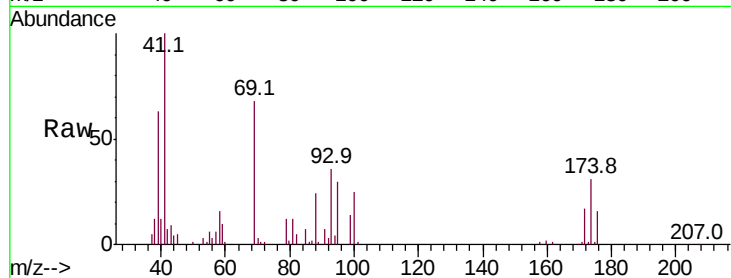




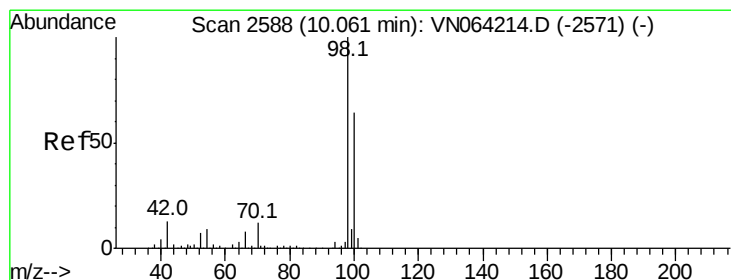
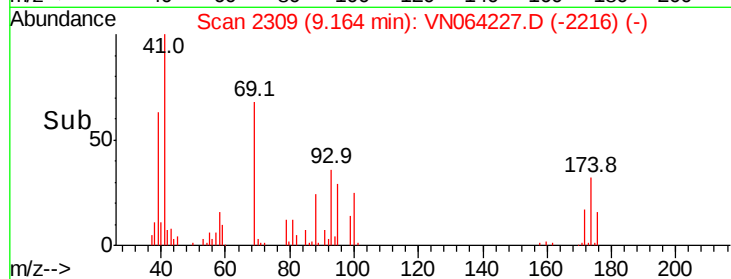
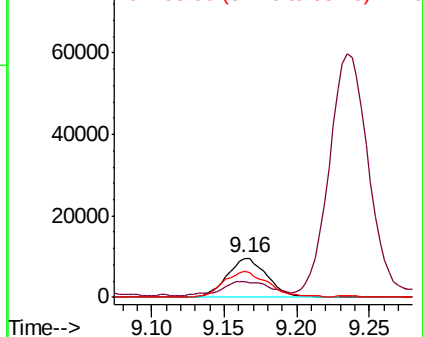
#49  
1,4-Dioxane  
Concen: 404.363 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

Tot Ion: 88 Resp: 18584  
Ion Ratio Lower Upper  
88 100  
43 42.7 34.6 52.0  
58 73.1 59.0 88.6

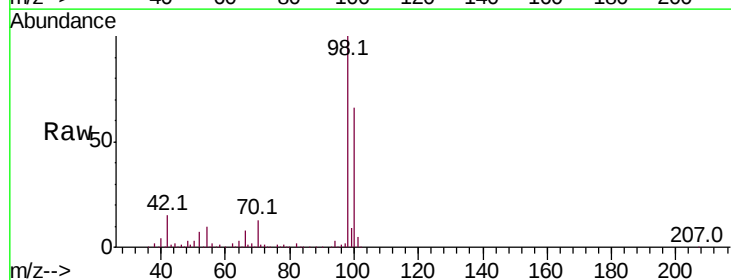


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

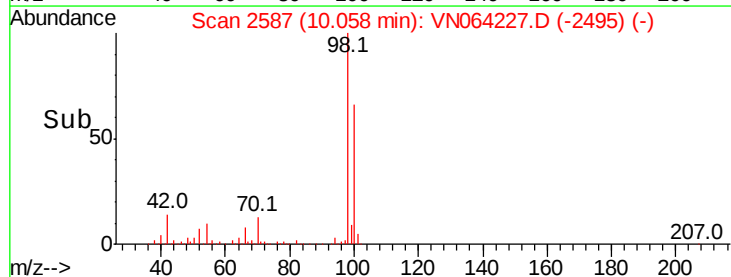
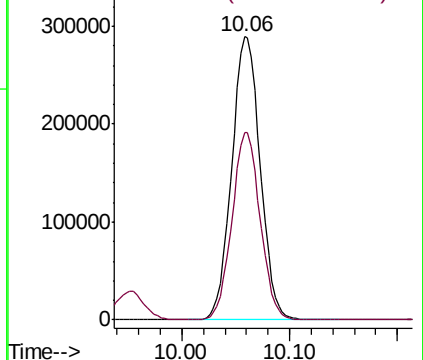


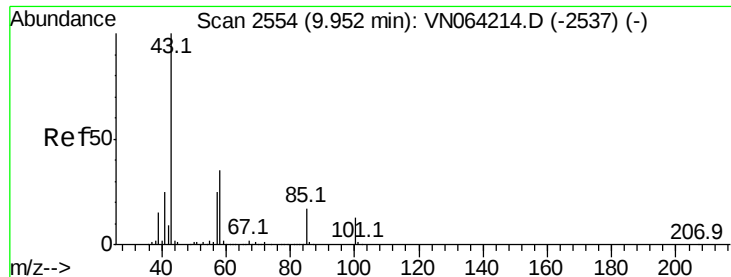
#50  
Toluene-d8  
Concen: 49.672 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion: 98 Resp: 533981  
Ion Ratio Lower Upper  
98 100  
100 65.3 50.8 76.2



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

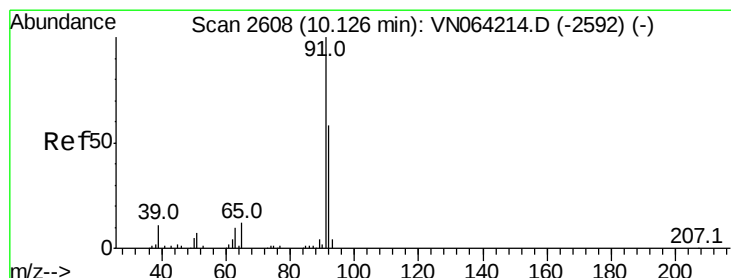
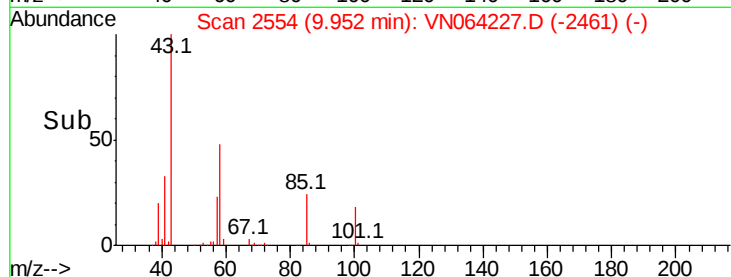
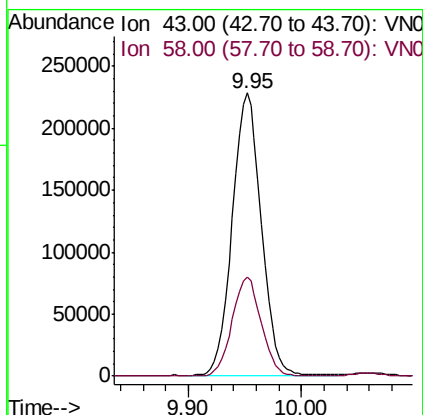
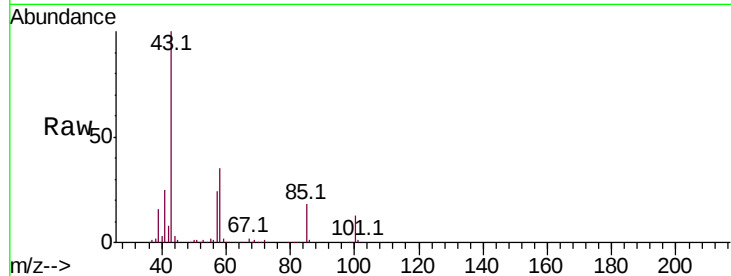




#51  
4-Methyl-2-Pentanone  
Concen: 101.332 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

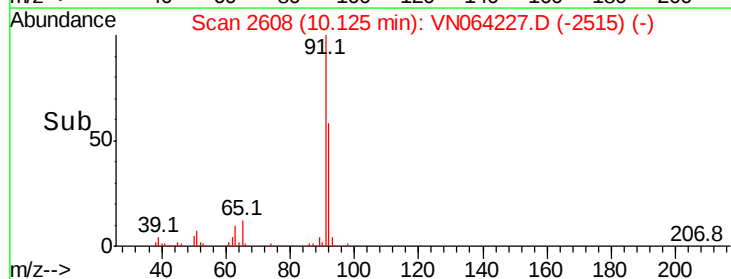
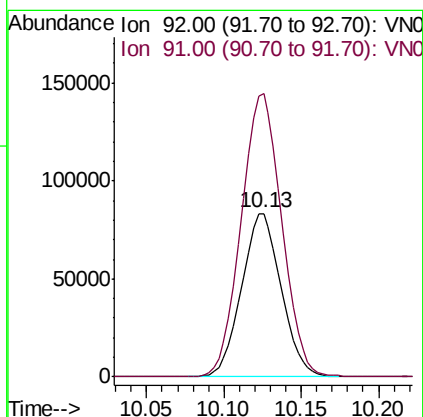
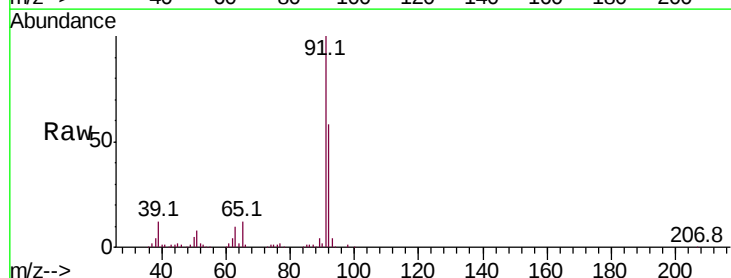
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1021MBS01

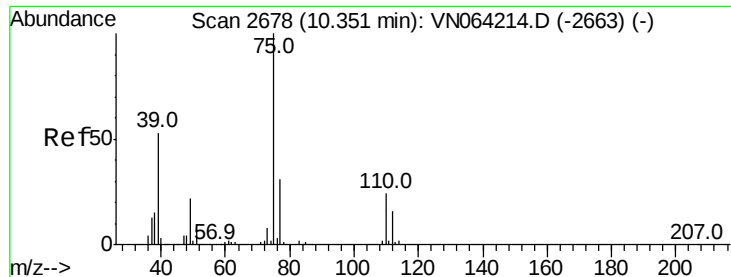
Tot Ion: 43 Resp: 407221  
Ion Ratio Lower Upper  
43 100  
58 35.1 28.6 42.8



#52  
Toluene  
Concen: 18.906 ug/l  
RT: 10.13 min Scan# 2608  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion: 92 Resp: 148397  
Ion Ratio Lower Upper  
92 100  
91 177.2 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 19.950 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

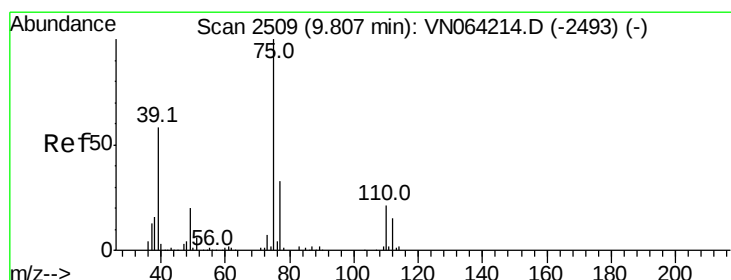
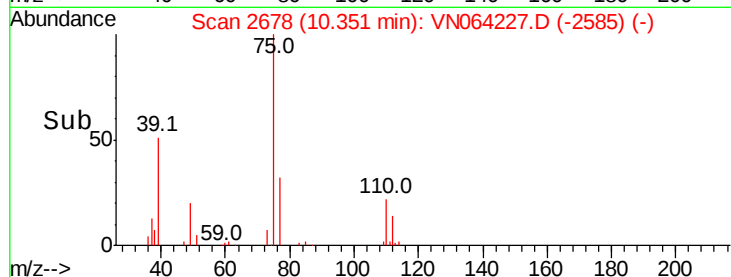
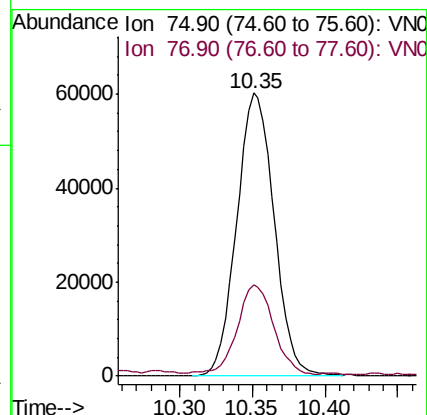
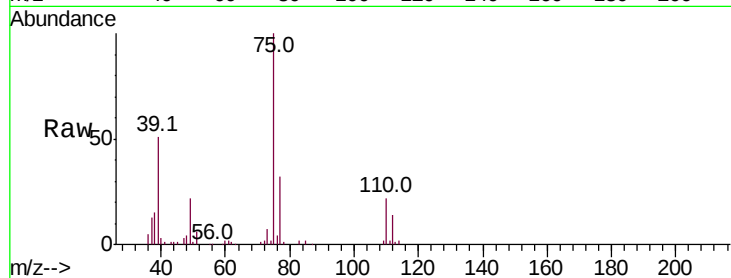
VN1021MBS01

Tot Ion: 75 Resp: 107662

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.828 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

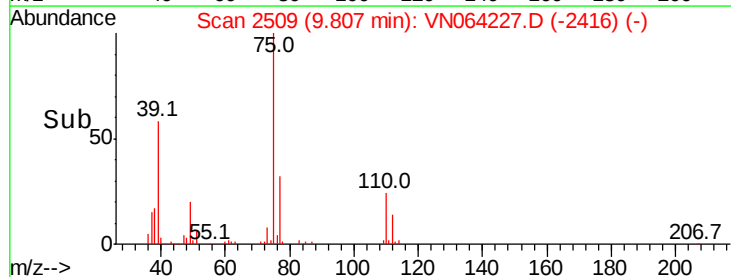
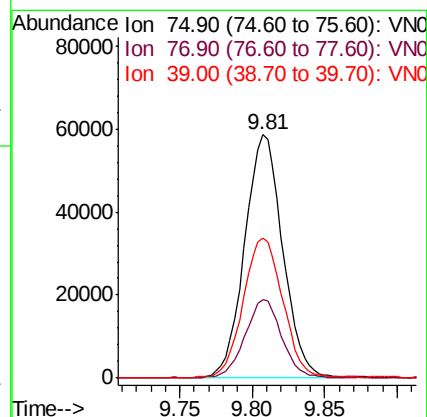
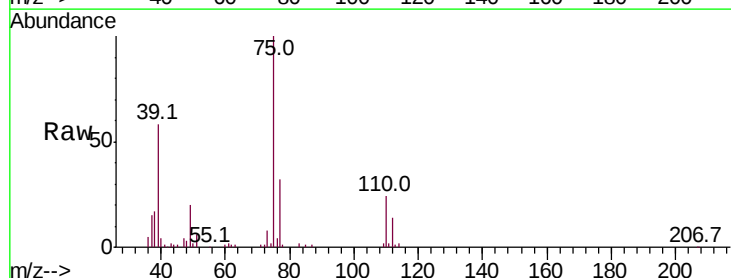
Tgt Ion: 75 Resp: 106982

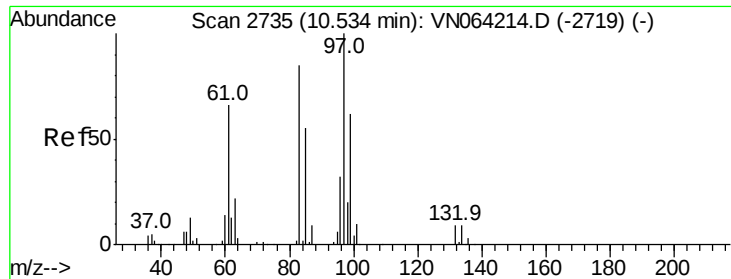
Ion Ratio Lower Upper

75 100

77 32.4 26.6 39.8

39 57.2 46.7 70.1

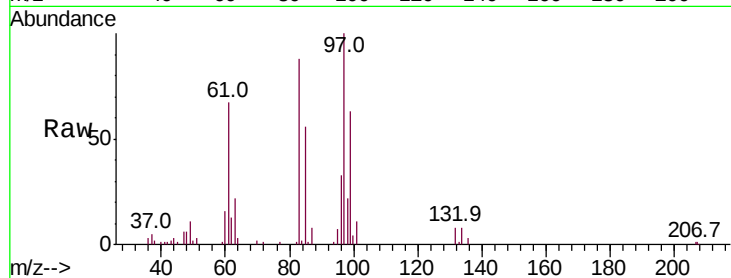




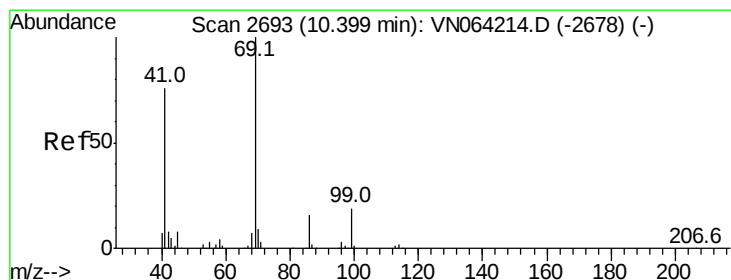
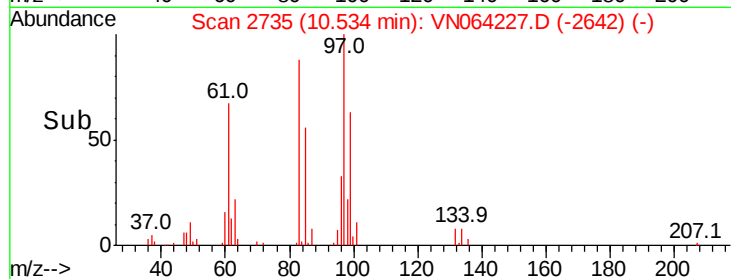
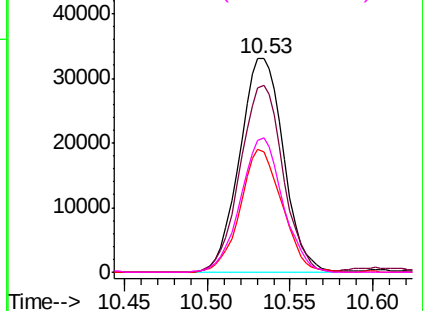
#55  
 1,1,2-Trichloroethane  
 Concen: 20.557 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021MBS01

Tot Ion: 97 Resp: 60941  
 Ion Ratio Lower Upper  
 97 100  
 83 87.6 67.8 101.6  
 85 56.1 43.6 65.4  
 99 62.9 49.9 74.9

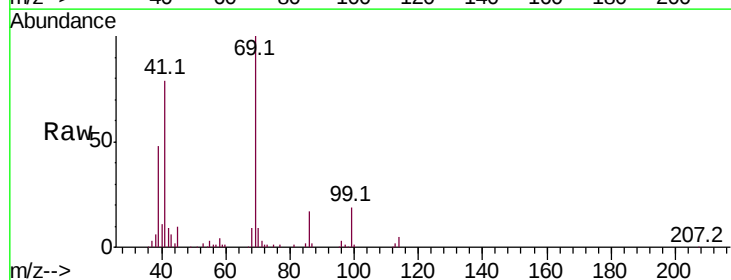


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

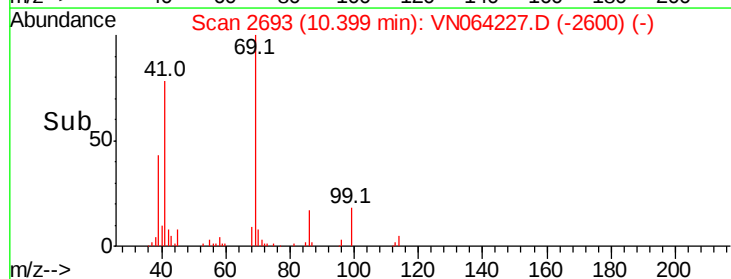
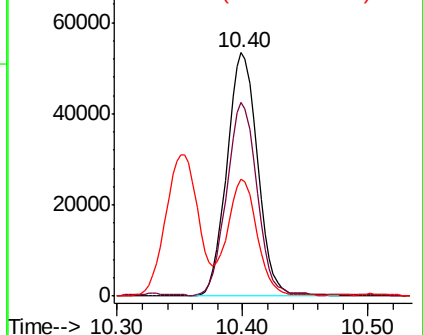


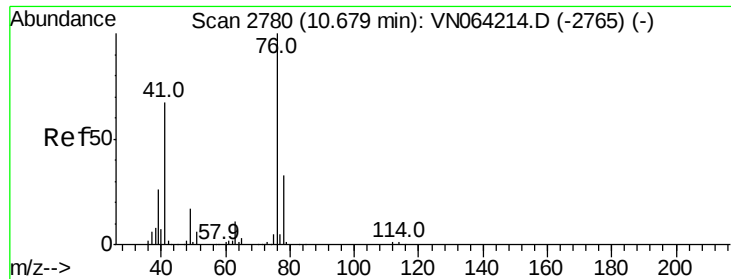
#56  
 Ethyl methacrylate  
 Concen: 19.841 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

Tgt Ion: 69 Resp: 90947  
 Ion Ratio Lower Upper  
 69 100  
 41 77.3 61.4 92.2  
 39 45.7 36.0 54.0



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





#57

1,3-Dichloropropane

Concen: 20.006 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

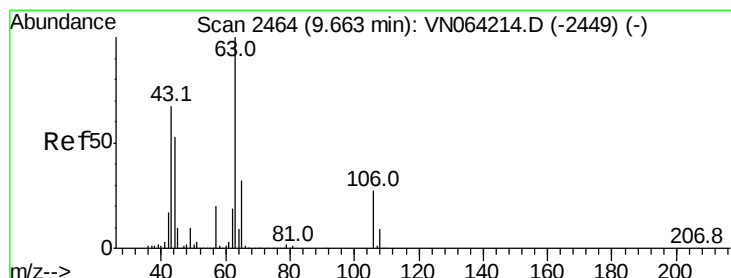
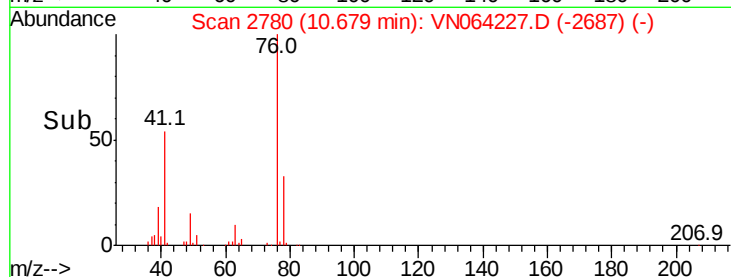
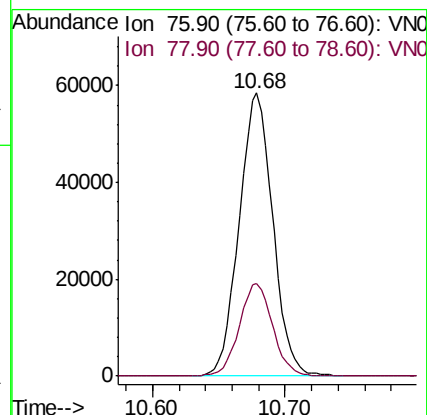
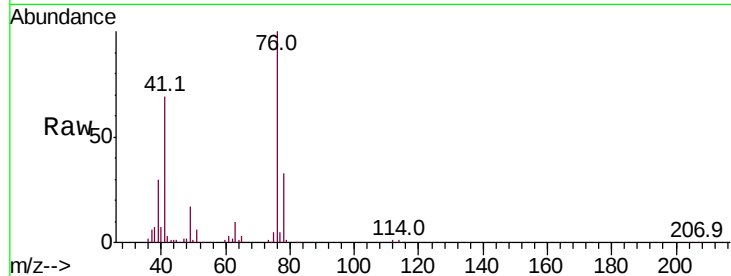
VN1021MBS01

Tot Ion: 76 Resp: 103016

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 95.285 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064227.D

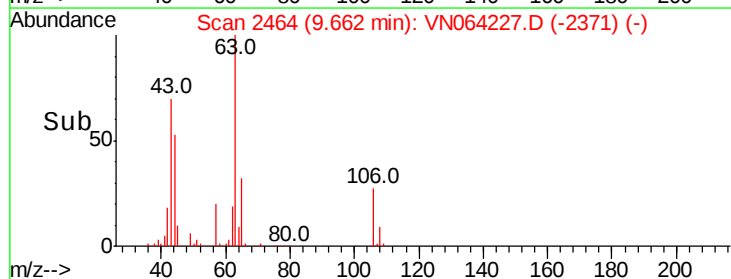
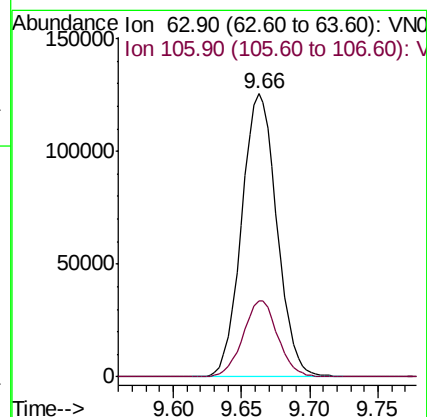
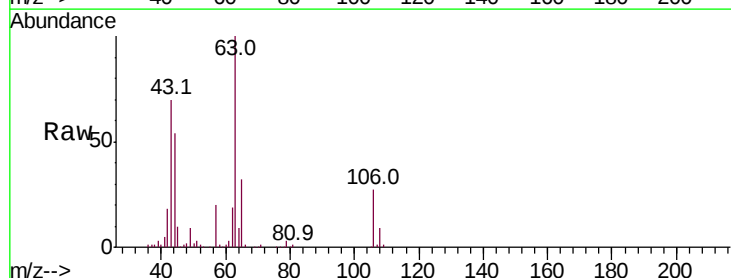
Acq: 21 Oct 2020 17:32

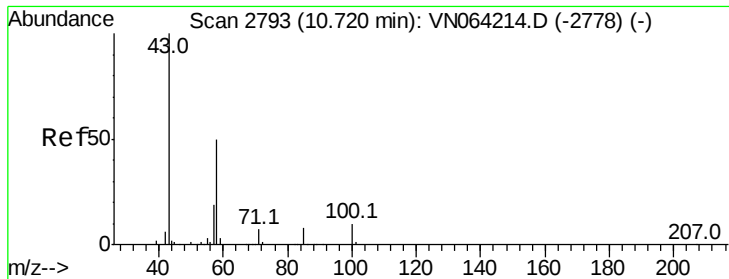
Tgt Ion: 63 Resp: 224904

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9

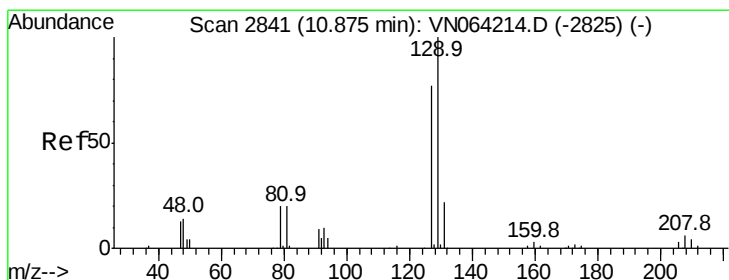
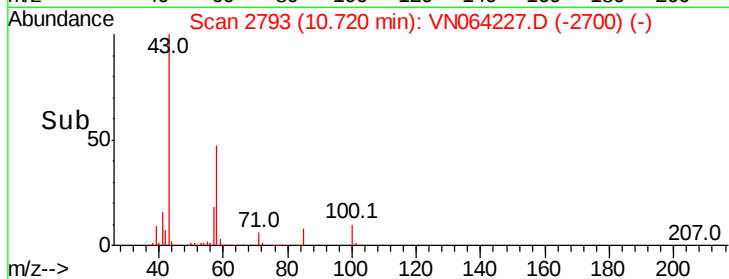
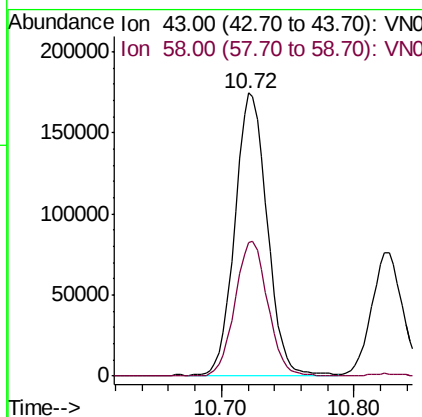
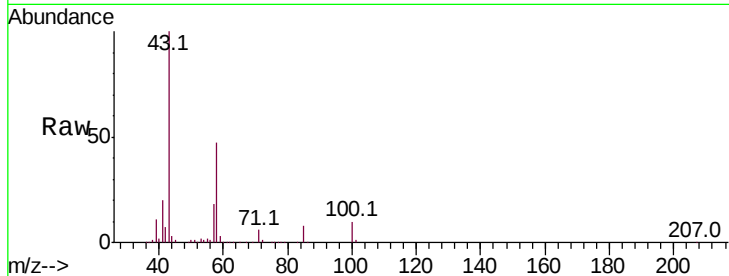




#59  
2-Hexanone  
Concen: 99.649 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

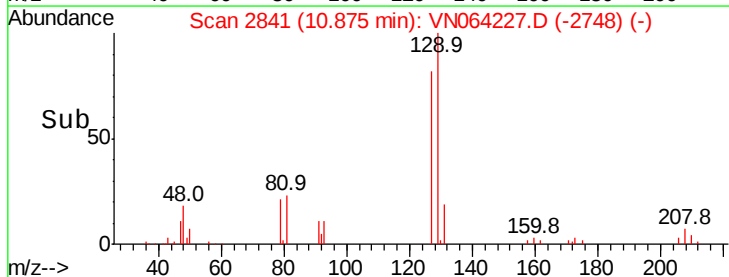
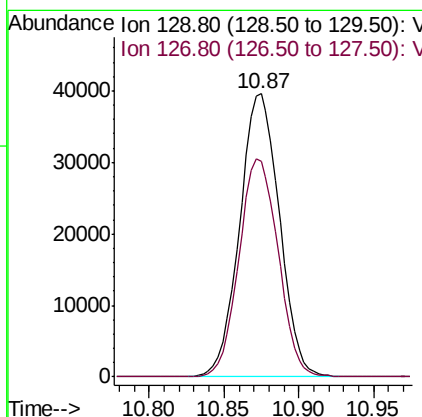
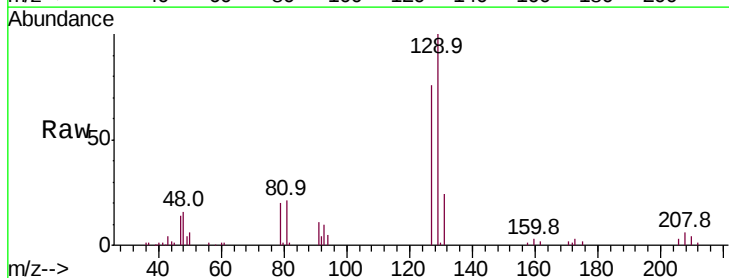
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

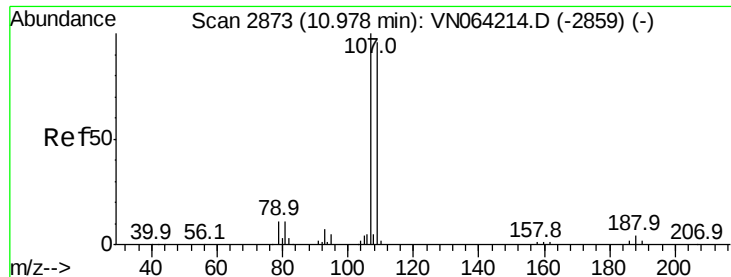
Tot Ion: 43 Resp: 292458  
Ion Ratio Lower Upper  
43 100  
58 48.9 24.8 74.3



#60  
Dibromochloromethane  
Concen: 19.086 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion: 129 Resp: 73245  
Ion Ratio Lower Upper  
129 100  
127 76.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.345 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

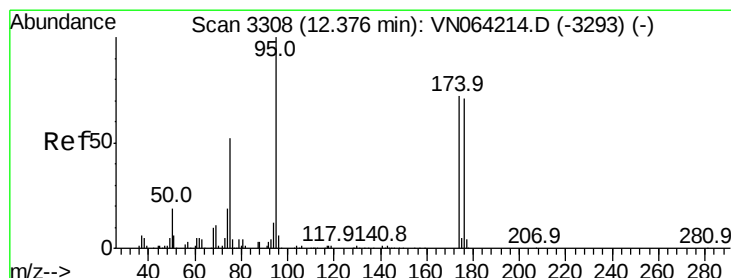
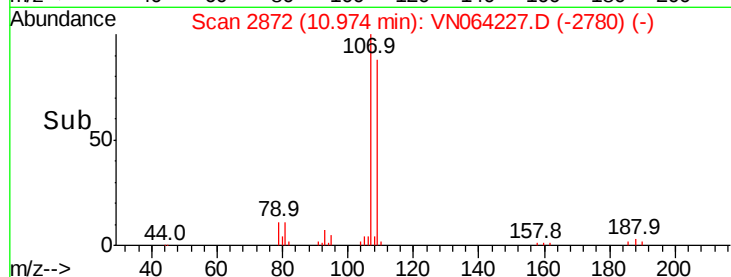
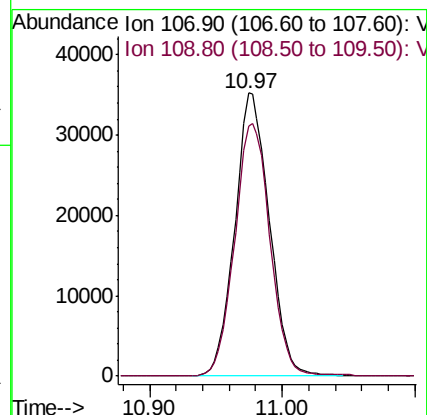
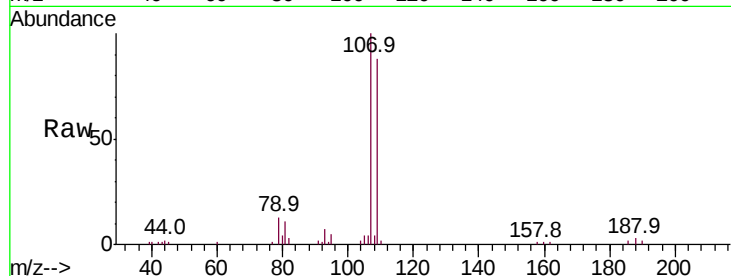
VN1021MBS01

Tot Ion:107 Resp: 63642

Ion Ratio Lower Upper

107 100

109 91.2 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 49.287 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

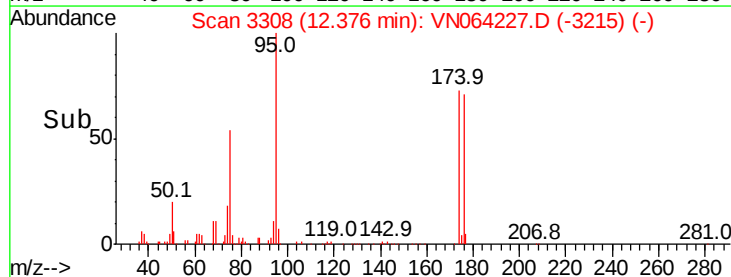
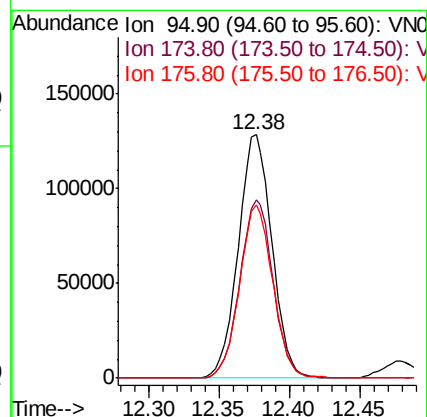
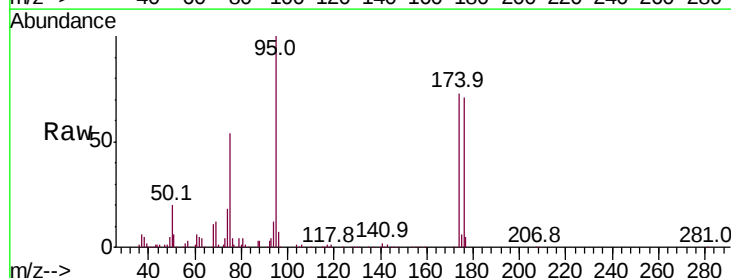
Tgt Ion: 95 Resp: 214792

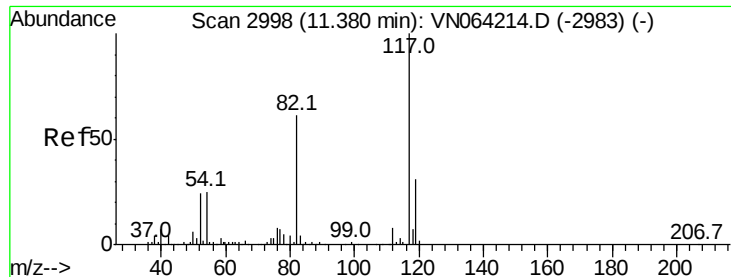
Ion Ratio Lower Upper

95 100

174 72.4 0.0 144.4

176 70.5 0.0 139.2

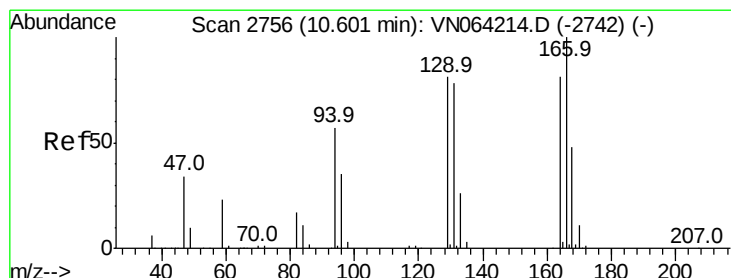
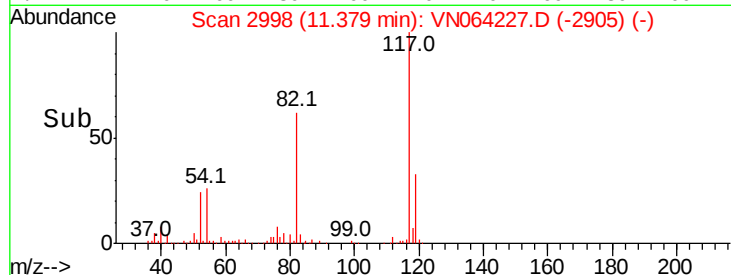
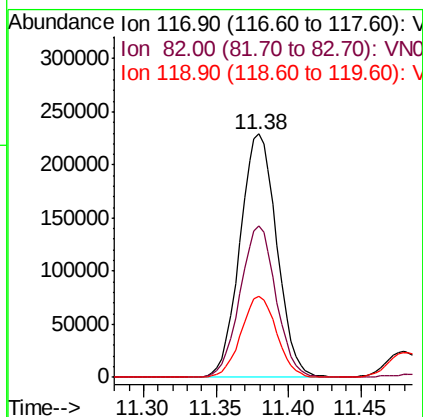
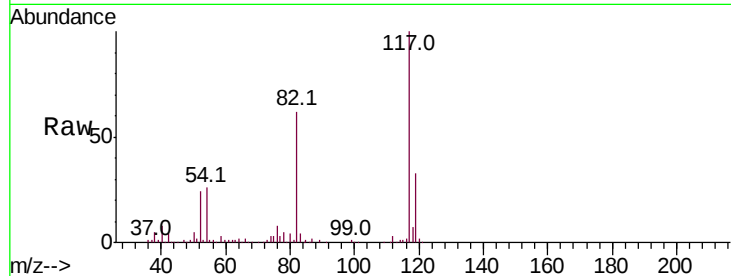




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

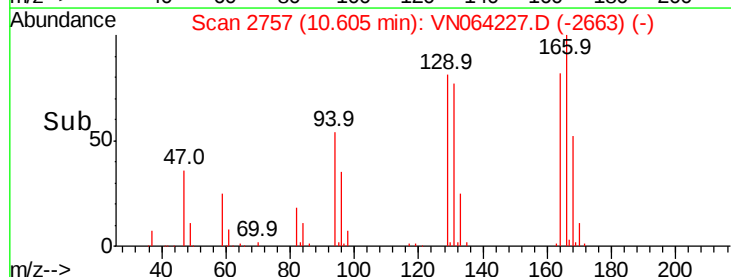
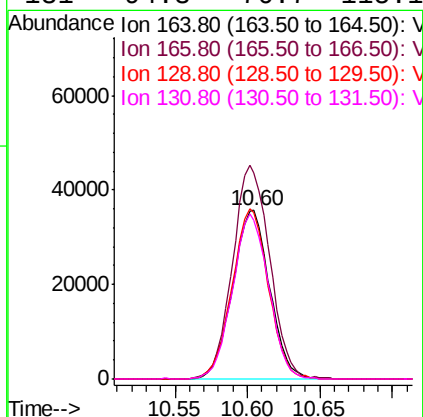
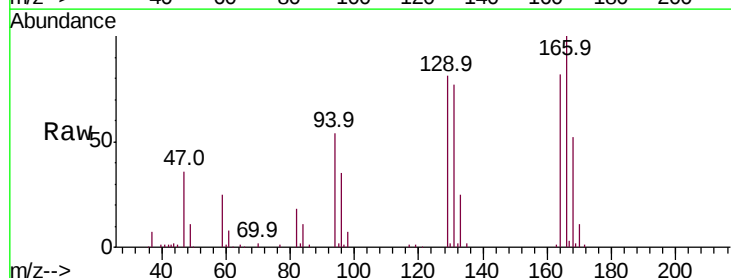
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

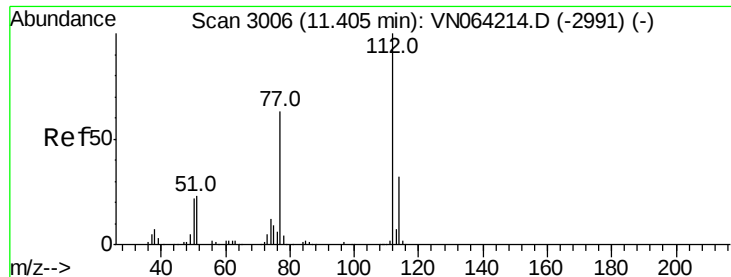
Tot Ion:117 Resp: 403822  
Ion Ratio Lower Upper  
117 100  
82 62.3 48.8 73.2  
119 33.2 24.7 37.1



#64  
Tetrachloroethene  
Concen: 19.473 ug/l  
RT: 10.60 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion:164 Resp: 63307  
Ion Ratio Lower Upper  
164 100  
166 121.9 98.9 148.3  
129 98.8 79.9 119.9  
131 94.3 76.7 115.1





#65

Chlorobenzene

Concen: 19.469 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampled :

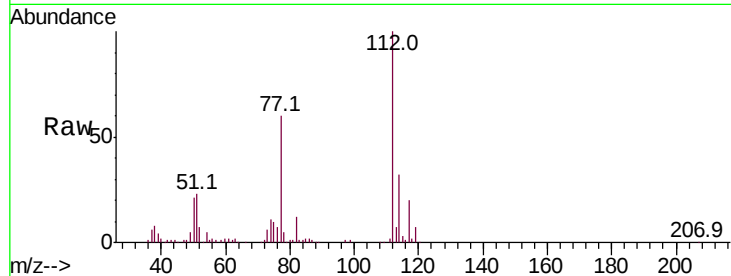
VN1021MBS01

Tot Ion:112 Resp: 162736

Ion Ratio Lower Upper

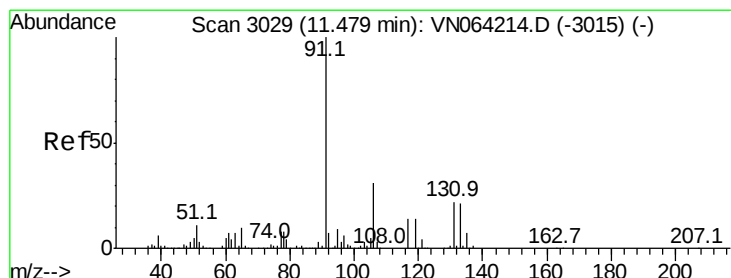
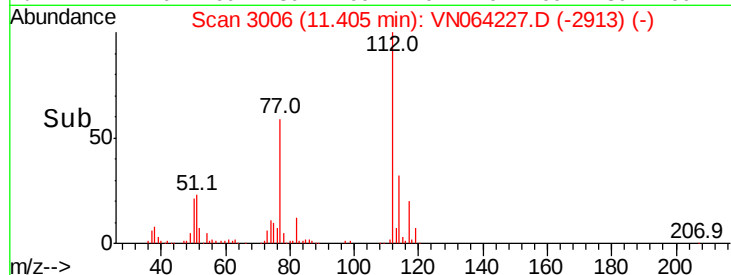
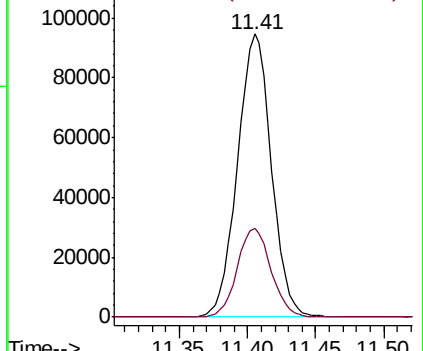
112 100

114 31.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.598 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

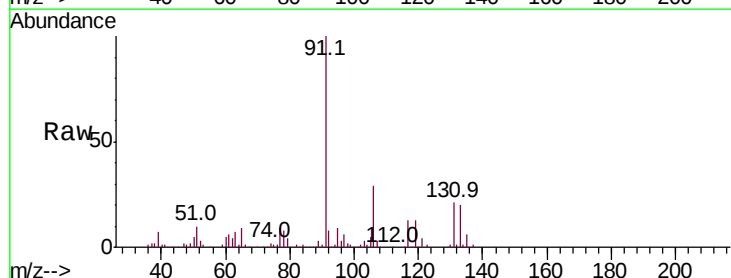
Tgt Ion:131 Resp: 65024

Ion Ratio Lower Upper

131 100

133 97.4 47.8 143.4

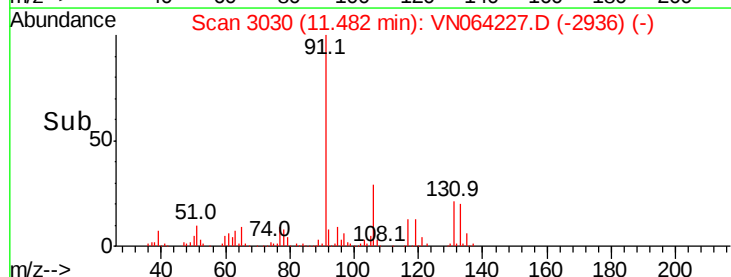
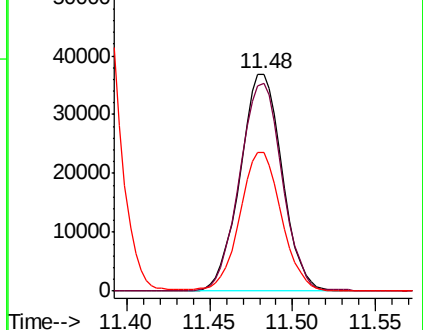
119 63.7 32.2 96.6

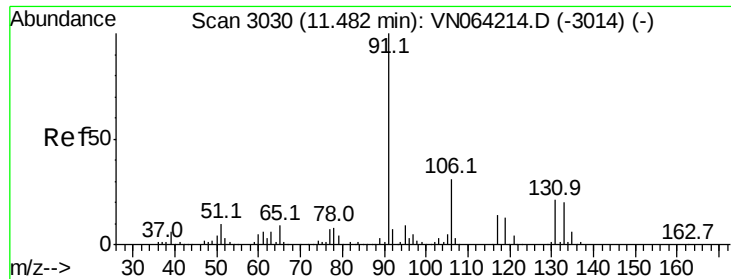


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.537 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampled :

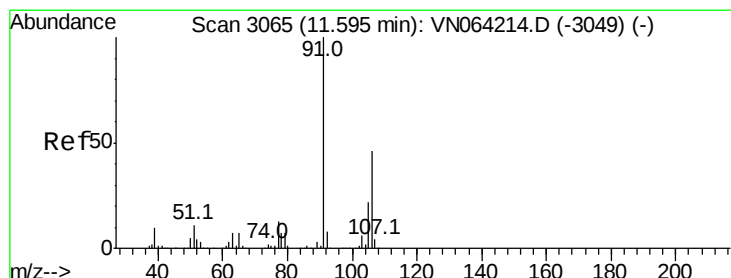
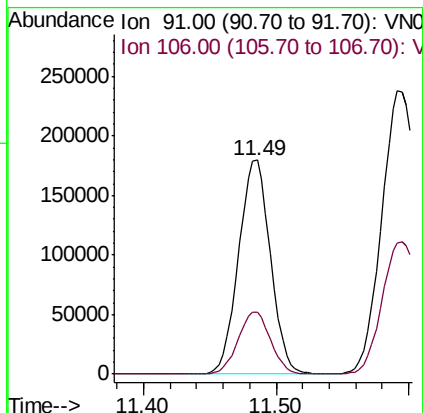
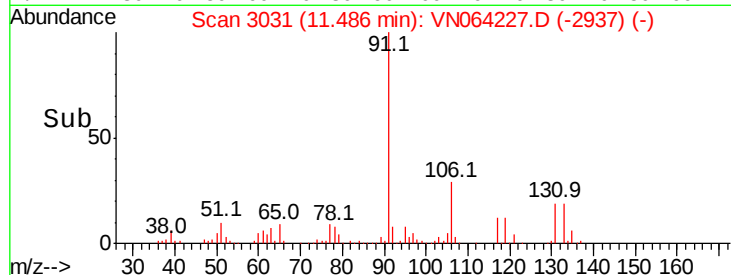
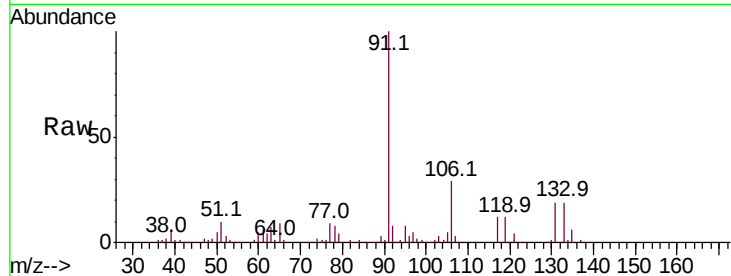
VN1021MBS01

Tot Ion: 91 Resp: 300125

Ion Ratio Lower Upper

91 100

106 28.9 24.8 37.2



#68

m/p-Xylenes

Concen: 38.552 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064227.D

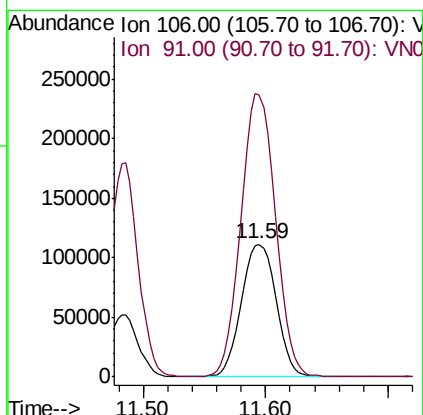
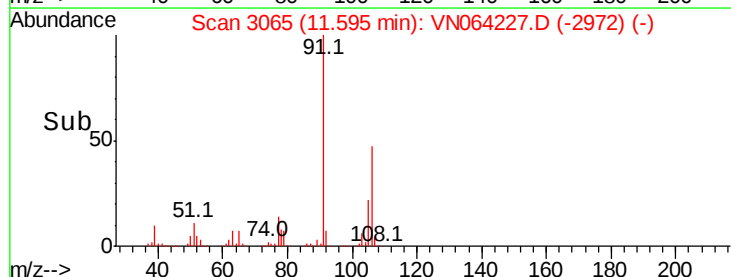
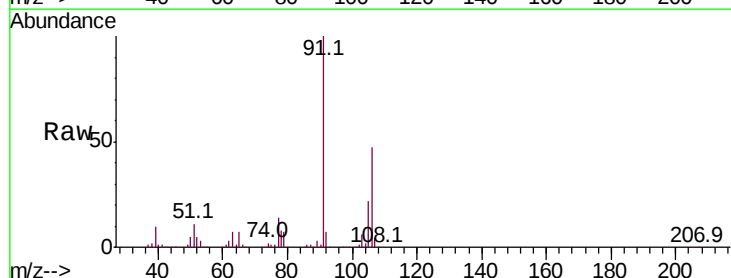
Acq: 21 Oct 2020 17:32

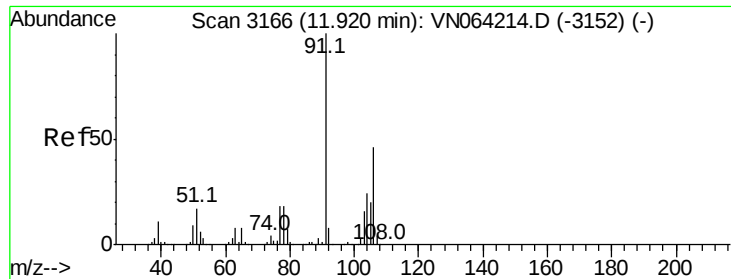
Tgt Ion: 106 Resp: 219422

Ion Ratio Lower Upper

106 100

91 211.3 172.2 258.2

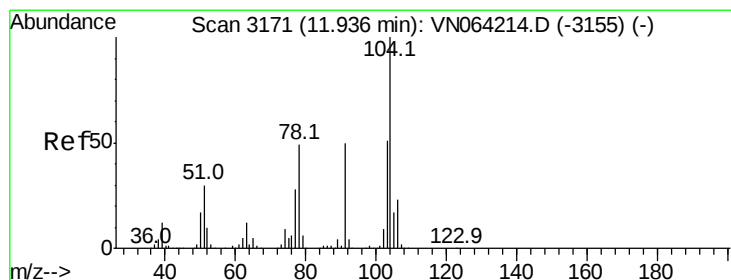
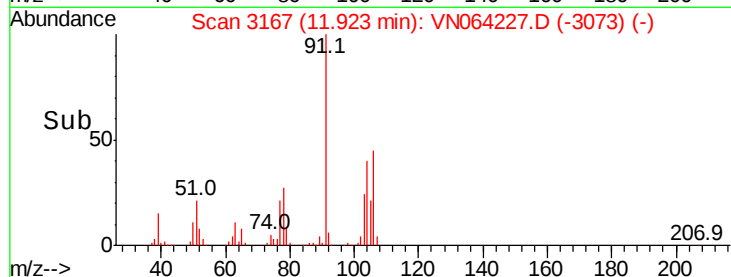
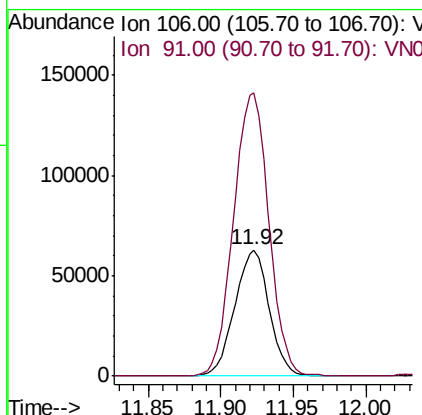
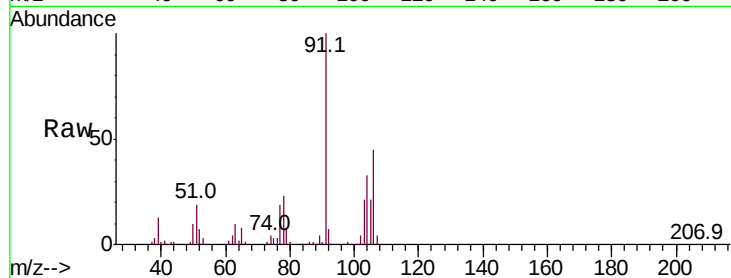




#69  
o-Xylene  
Concen: 18.842 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

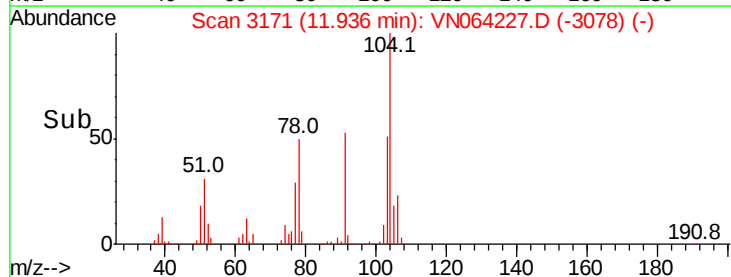
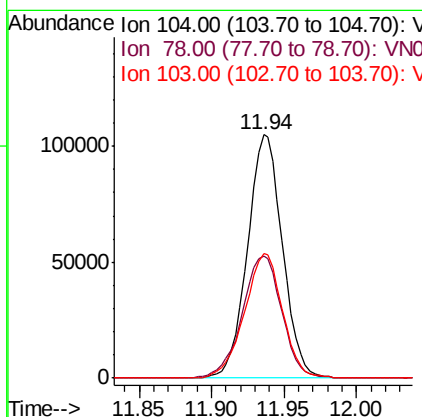
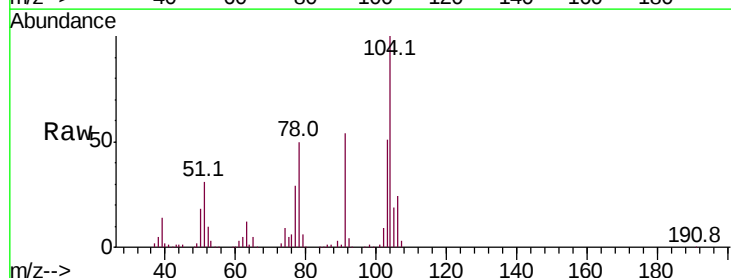
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

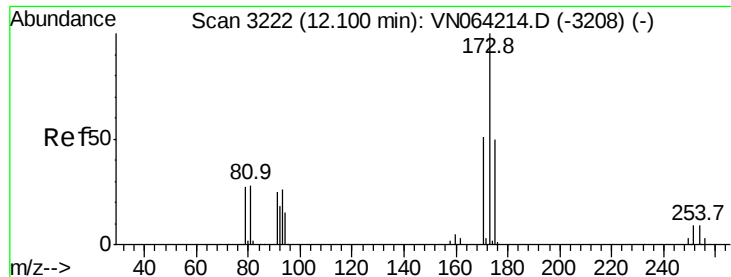
Tot Ion:106 Resp: 103718  
Ion Ratio Lower Upper  
106 100  
91 230.1 109.9 329.6



#70  
Styrene  
Concen: 19.107 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion:104 Resp: 176293  
Ion Ratio Lower Upper  
104 100  
78 56.9 43.8 65.6  
103 56.1 43.4 65.2





#71

Bromoform

Concen: 19.191 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

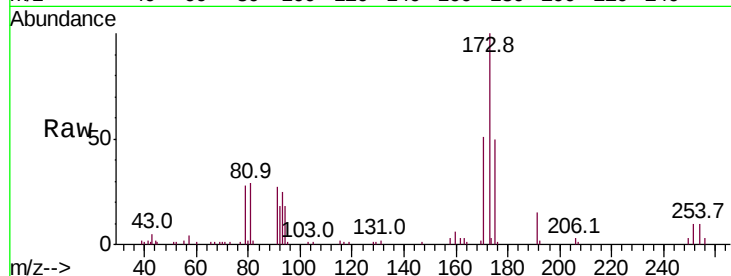
Tot Ion:173 Resp: 49188

Ion Ratio Lower Upper

173 100

175 51.5 25.1 75.3

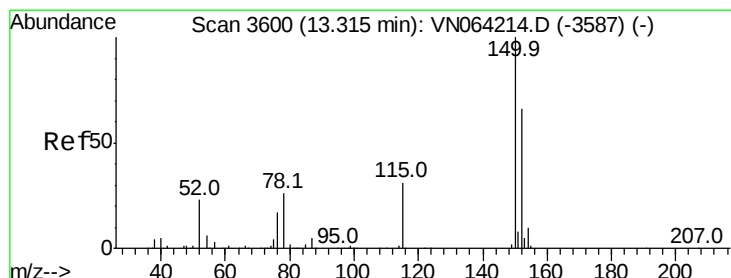
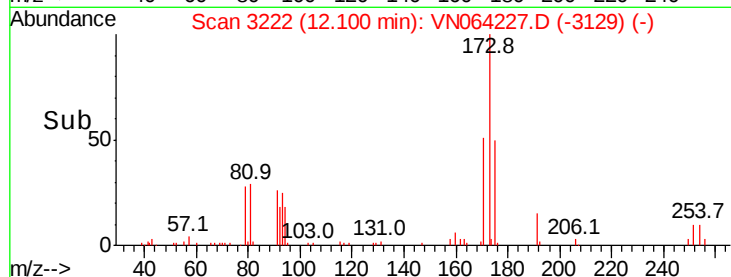
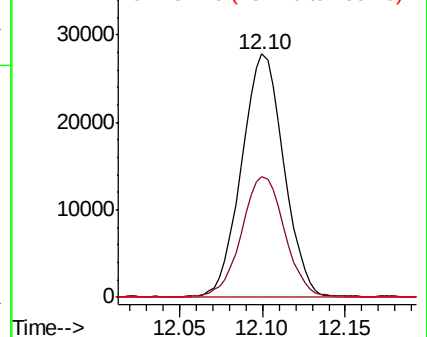
254 0.0 0.0 0.0



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# 3601

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

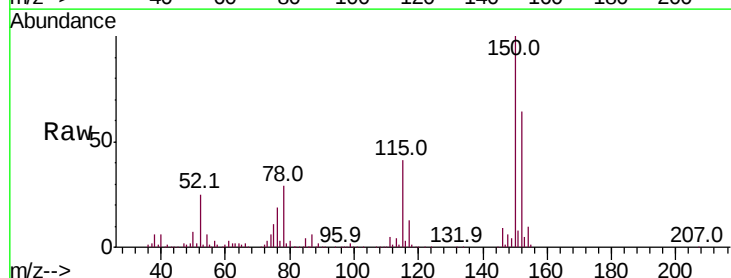
Tgt Ion:152 Resp: 193348

Ion Ratio Lower Upper

152 100

115 64.3 32.0 96.2

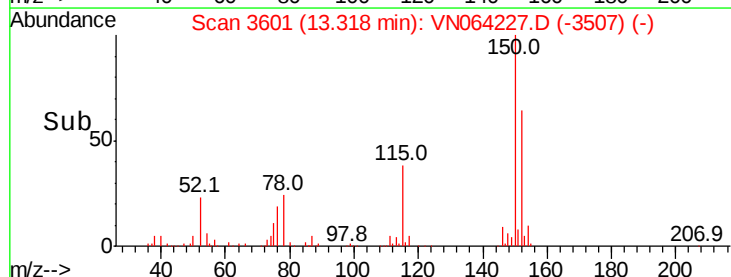
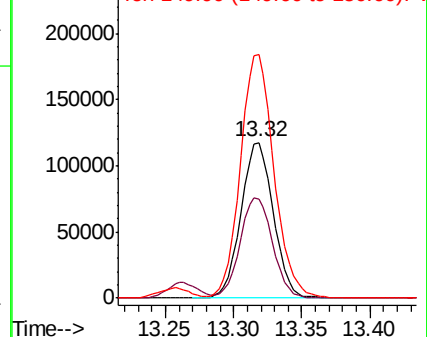
150 161.6 0.0 356.6

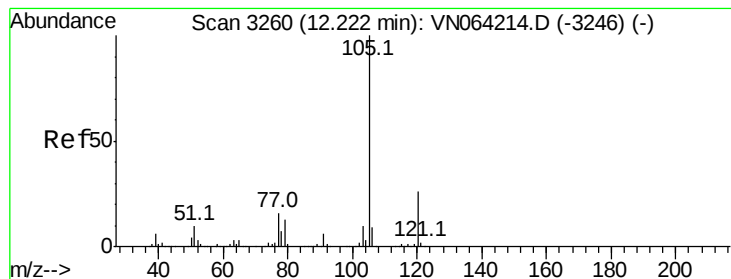


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.402 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

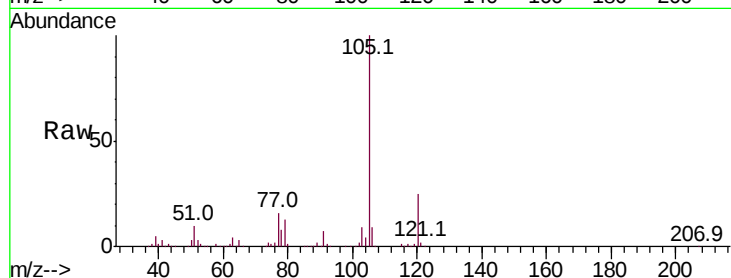
VN1021MBS01

Tot Ion:105 Resp: 286110

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

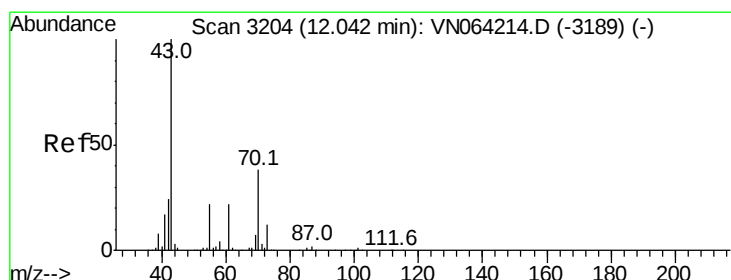
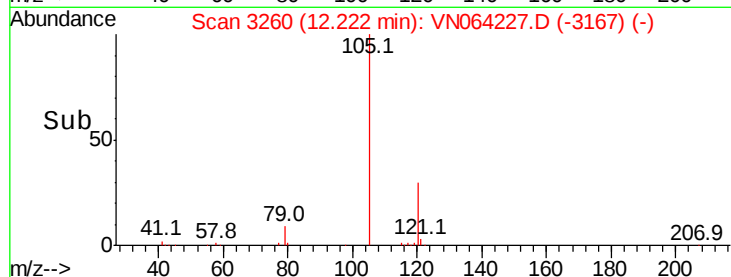
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 19.921 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Tgt Ion: 43 Resp: 126936

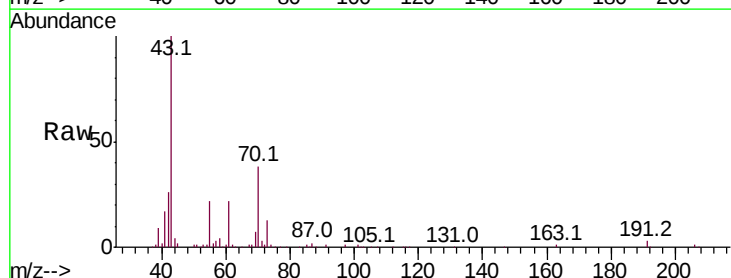
Ion Ratio Lower Upper

43 100

70 36.7 30.2 45.4

55 22.6 18.0 27.0

61 21.5 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

60000

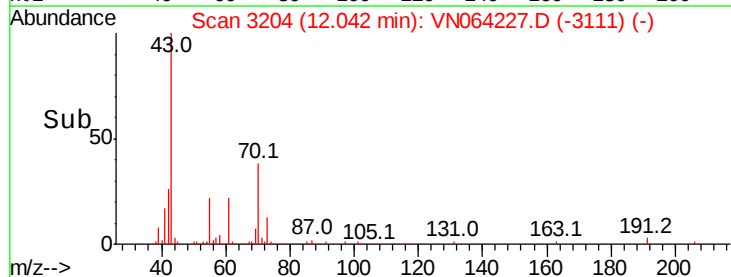
40000

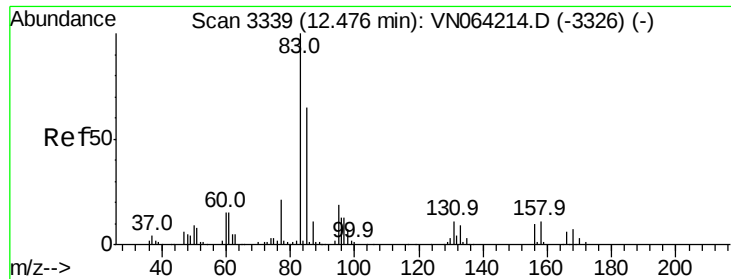
20000

0

12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.199 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

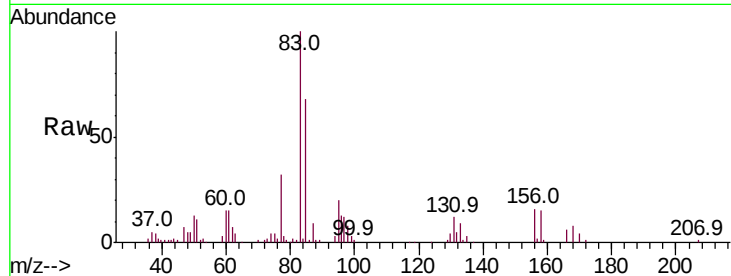
Tot Ion: 83 Resp: 79043

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

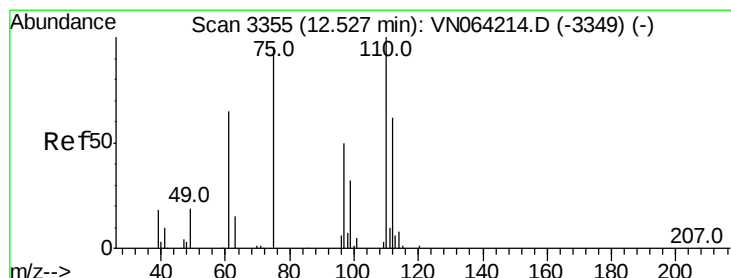
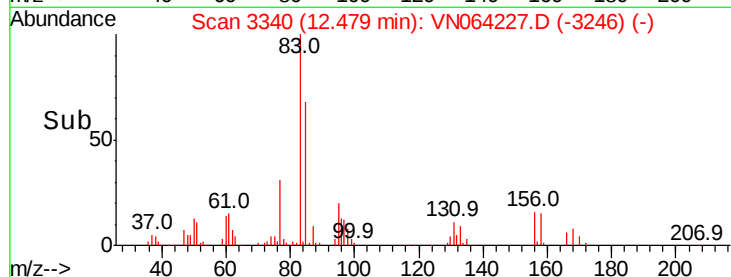
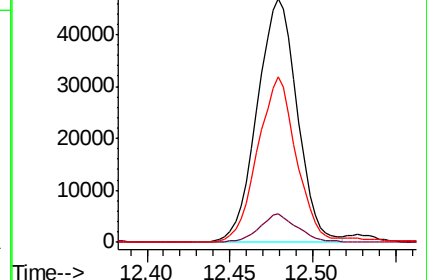
85 67.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN064227.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN064227.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN064227.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 28.699 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064227.D

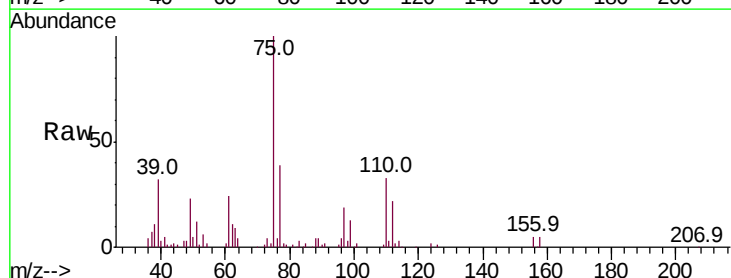
Acq: 21 Oct 2020 17:32

Tgt Ion: 75 Resp: 116978

Ion Ratio Lower Upper

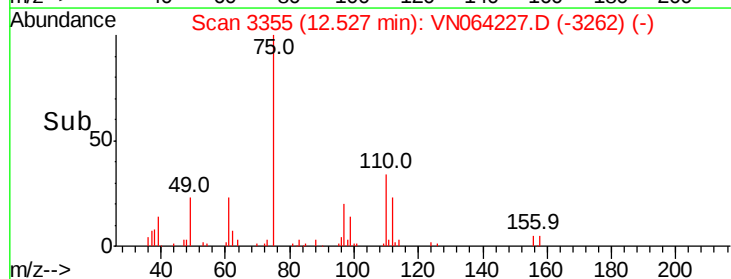
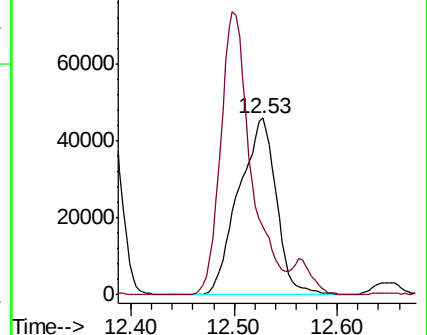
75 100

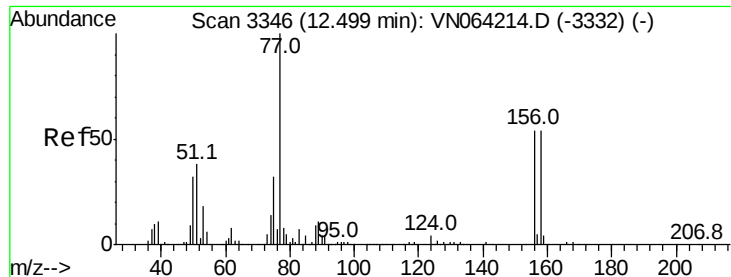
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064227.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064227.D (-3355) (-)





#77

Bromobenzene

Concen: 19.866 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampled :

VN1021MBS01

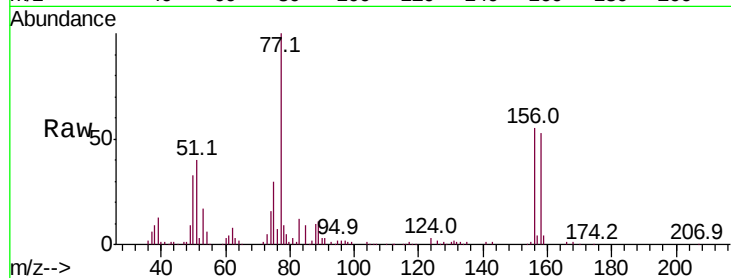
Tot Ion:156 Resp: 69160

Ion Ratio Lower Upper

156 100

77 218.8 111.1 333.4

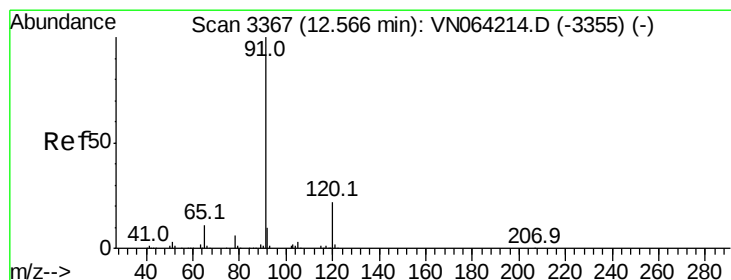
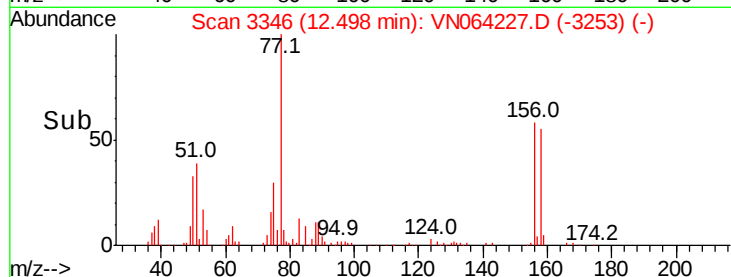
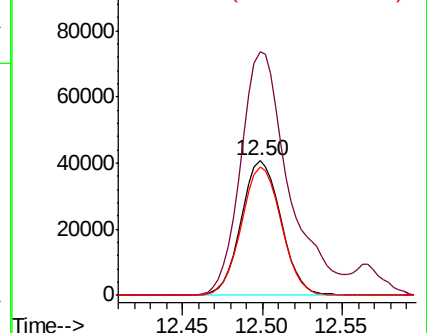
158 95.2 50.0 150.1



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: 18.942 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064227.D

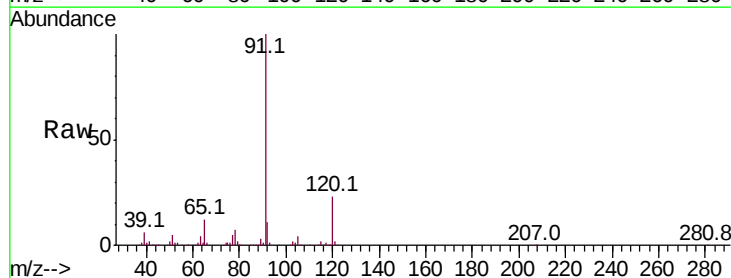
Acq: 21 Oct 2020 17:32

Tgt Ion: 91 Resp: 314944

Ion Ratio Lower Upper

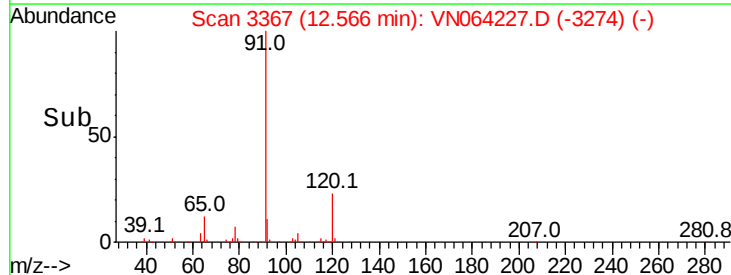
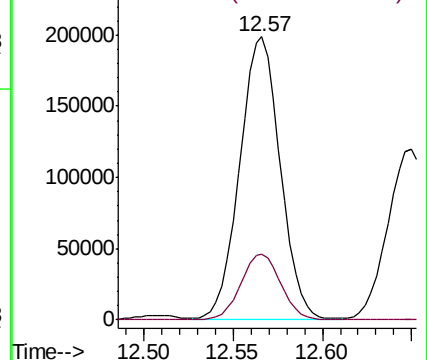
91 100

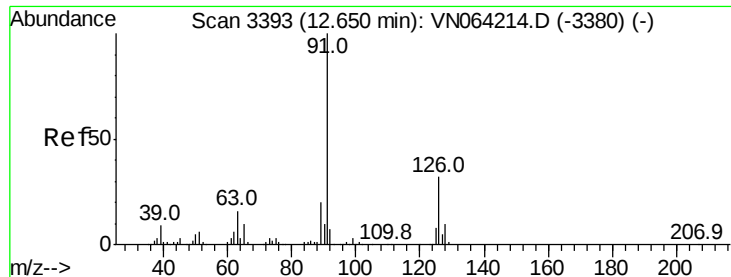
120 22.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.610 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

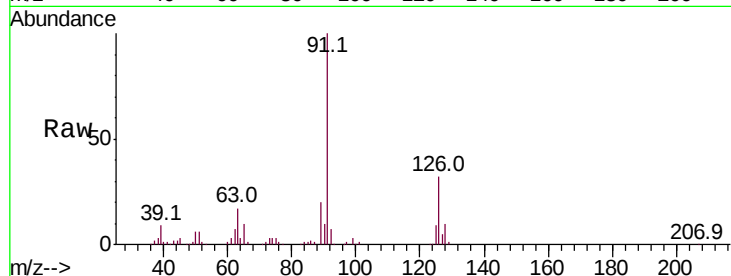
VN1021MBS01

Tot Ion: 91 Resp: 200266

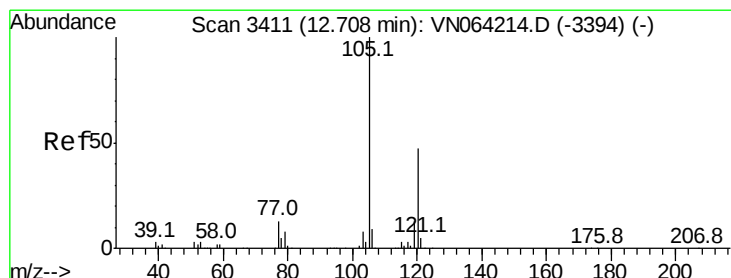
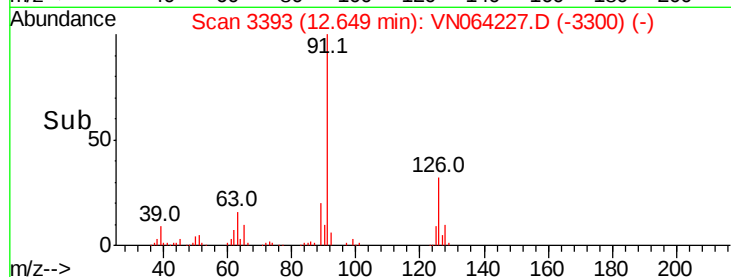
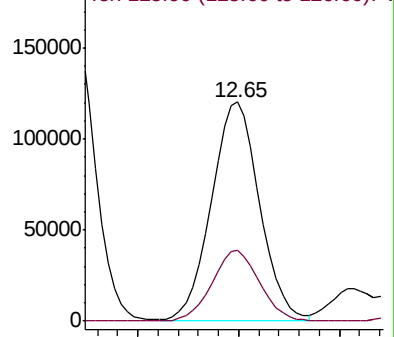
Ion Ratio Lower Upper

91 100

126 31.9 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.931 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064227.D

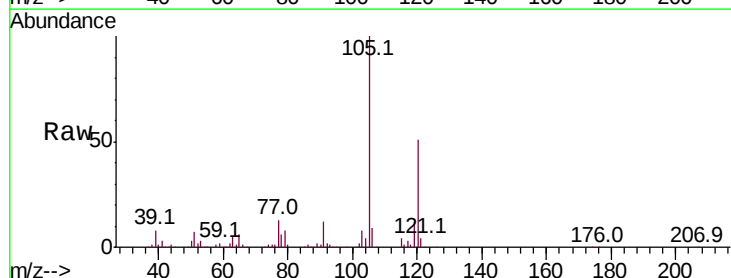
Acq: 21 Oct 2020 17:32

Tgt Ion:105 Resp: 236007

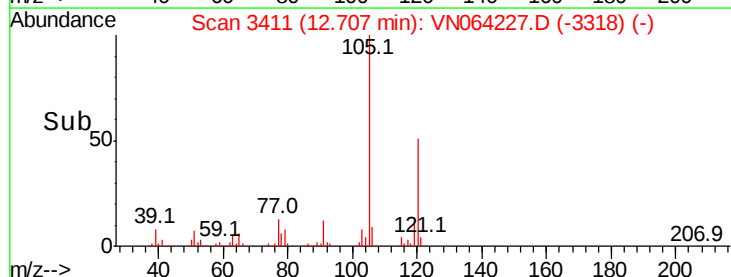
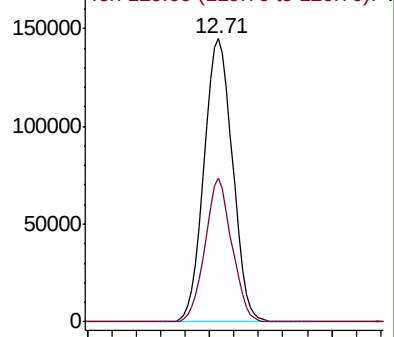
Ion Ratio Lower Upper

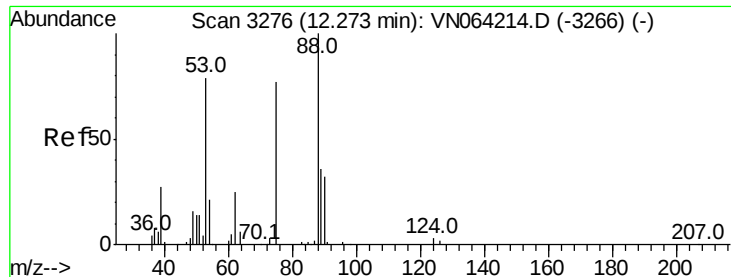
105 100

120 47.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.223 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

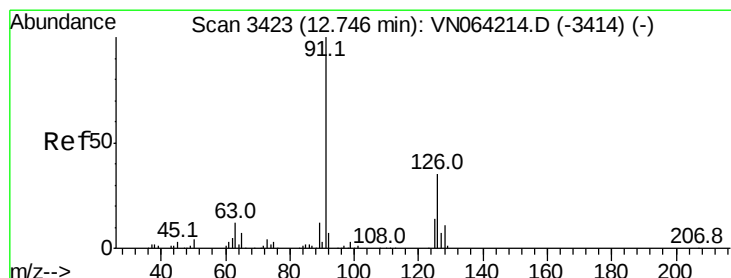
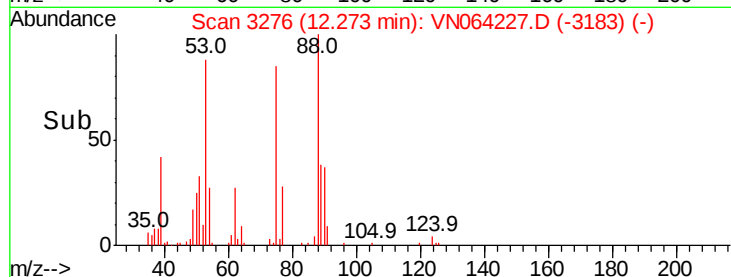
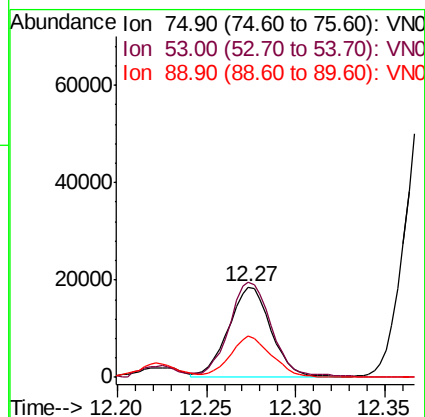
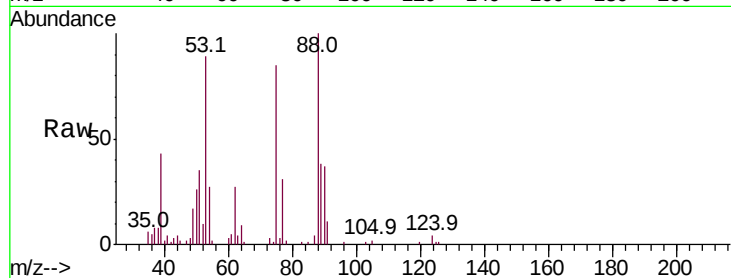
Tot Ion: 75 Resp: 31035

Ion Ratio Lower Upper

75 100

53 101.9 81.0 121.4

89 43.8 38.7 58.1



#82

4-Chlorotoluene

Concen: 19.800 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064227.D

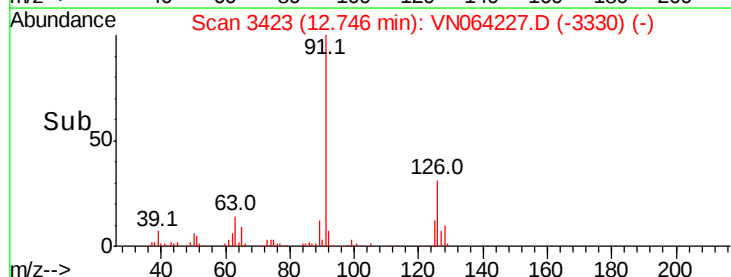
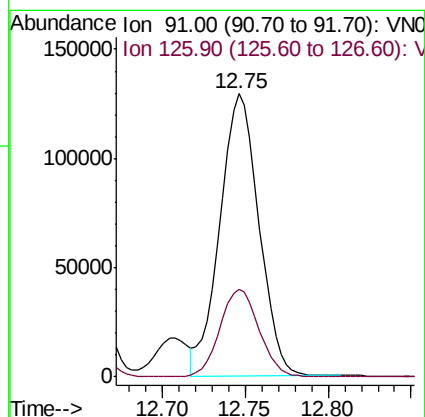
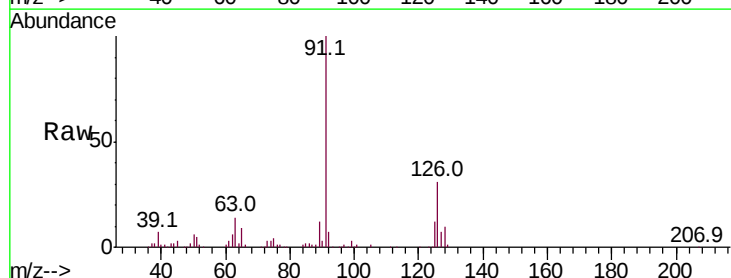
Acq: 21 Oct 2020 17:32

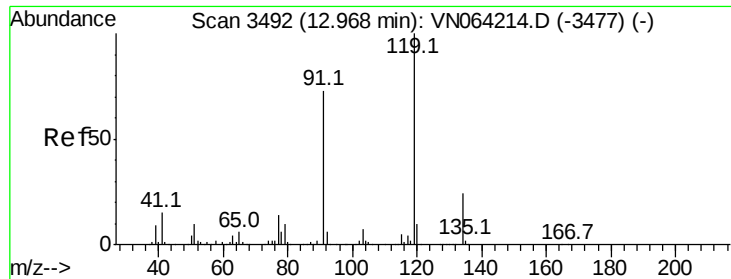
Tgt Ion: 91 Resp: 210924

Ion Ratio Lower Upper

91 100

126 31.0 15.8 47.3

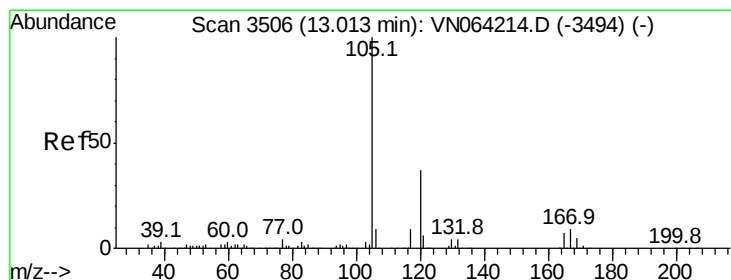
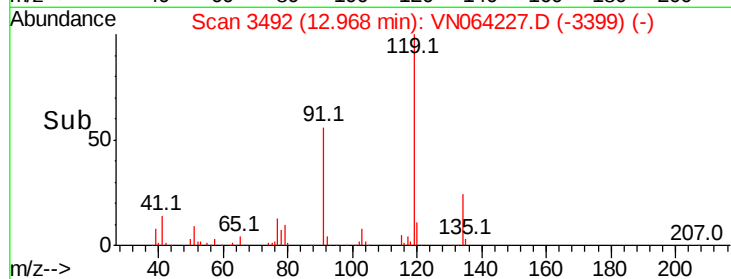
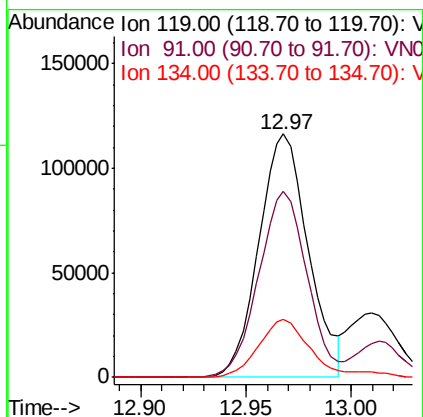
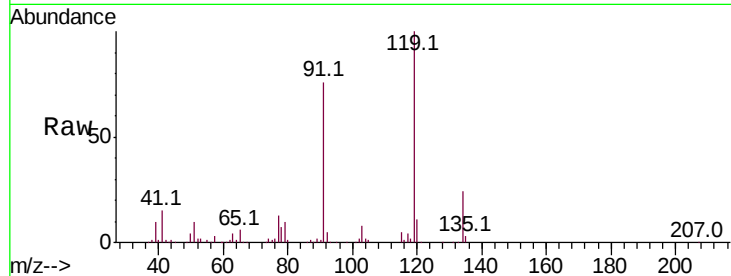




#83  
 tert-Butylbenzene  
 Concen: 18.546 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

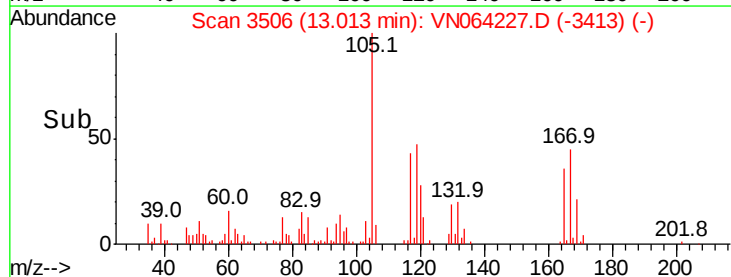
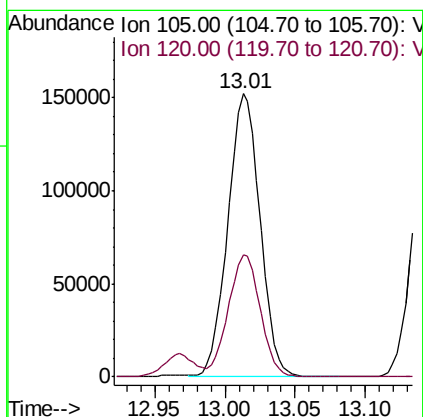
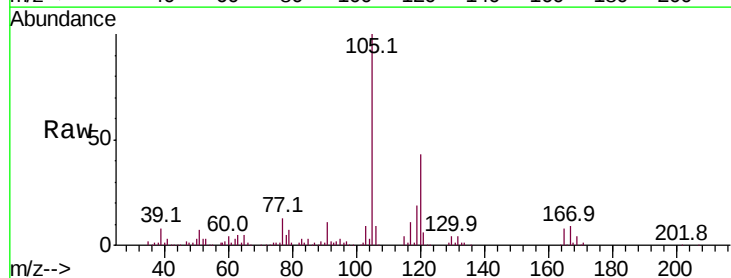
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021MBS01

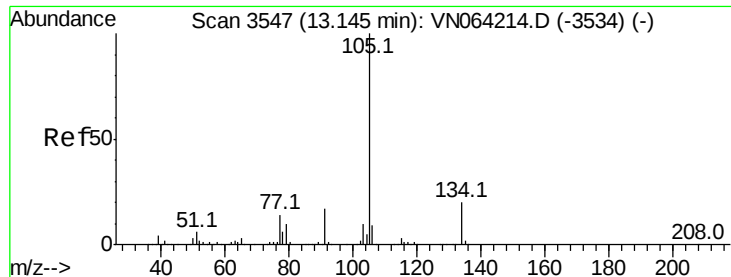
Tot Ion:119 Resp: 189567  
 Ion Ratio Lower Upper  
 119 100  
 91 74.8 35.1 105.3  
 134 25.7 11.6 34.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.618 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

Tgt Ion:105 Resp: 243430  
 Ion Ratio Lower Upper  
 105 100  
 120 42.7 21.5 64.5





#85

sec-Butylbenzene

Concen: 19.139 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

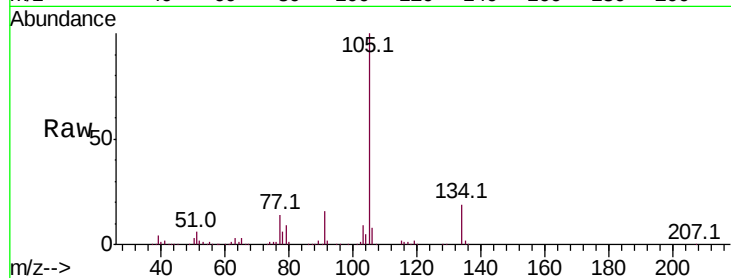
VN1021MBS01

Tot Ion:105 Resp: 246622

Ion Ratio Lower Upper

105 100

134 18.9 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

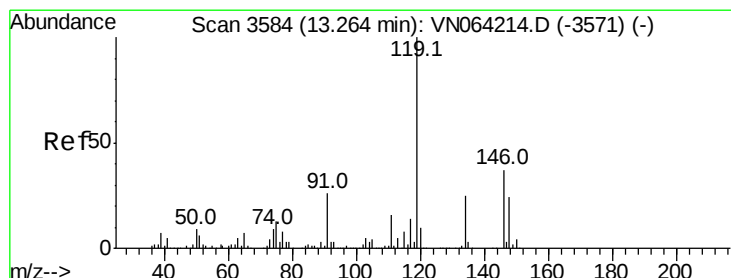
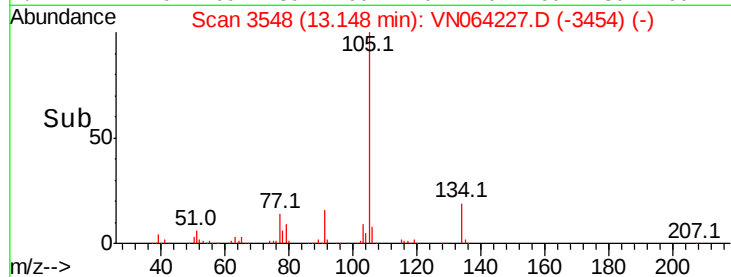
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.185 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

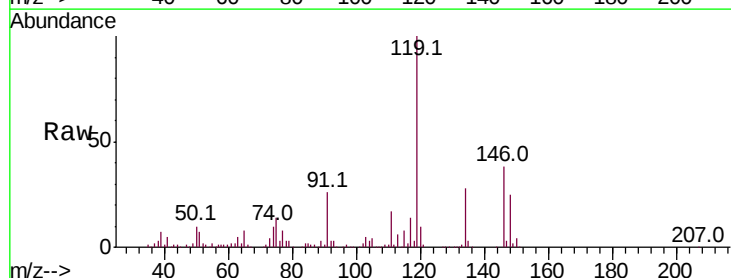
Tgt Ion:119 Resp: 225128

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 27.3 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

200000

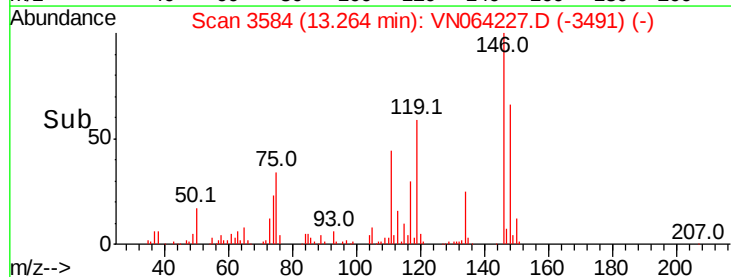
150000

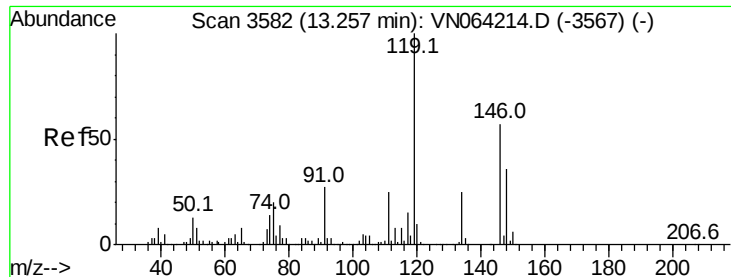
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.337 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampled :

VN1021MBS01

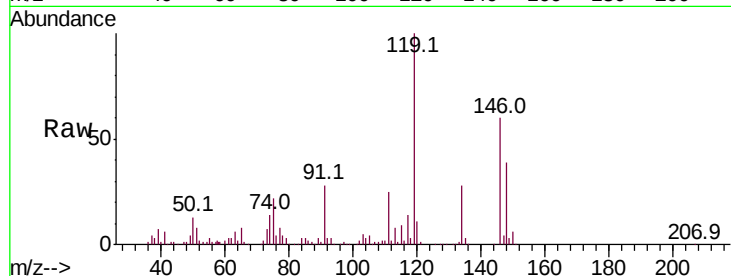
Tot Ion:146 Resp: 119784

Ion Ratio Lower Upper

146 100

111 43.1 21.6 65.0

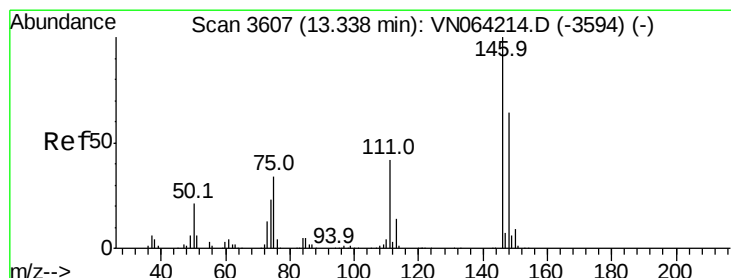
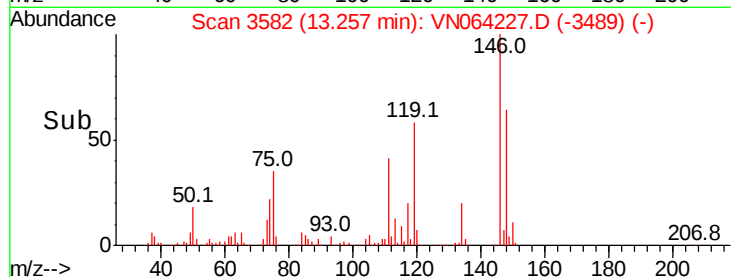
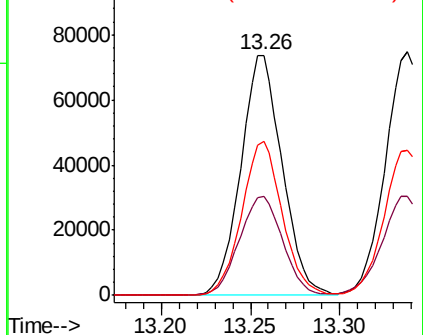
148 62.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.396 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

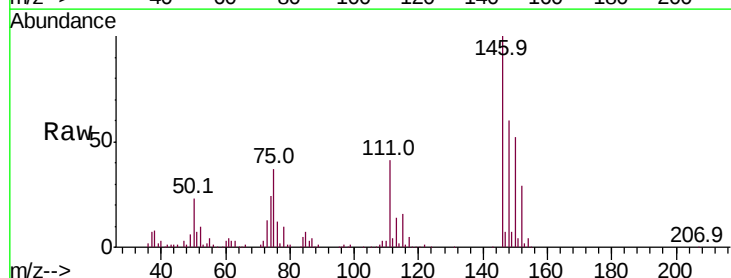
Tgt Ion:146 Resp: 122979

Ion Ratio Lower Upper

146 100

111 42.8 21.5 64.5

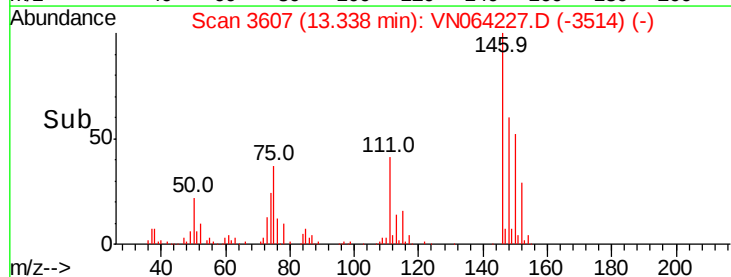
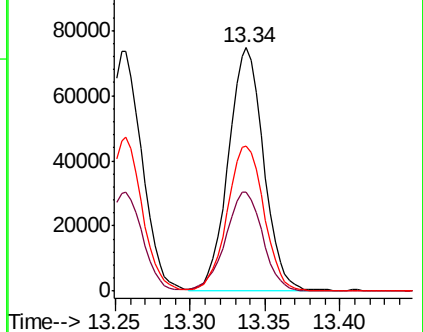
148 61.6 32.0 96.0

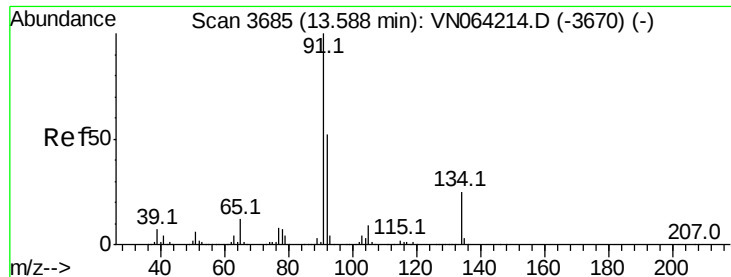


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.286 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

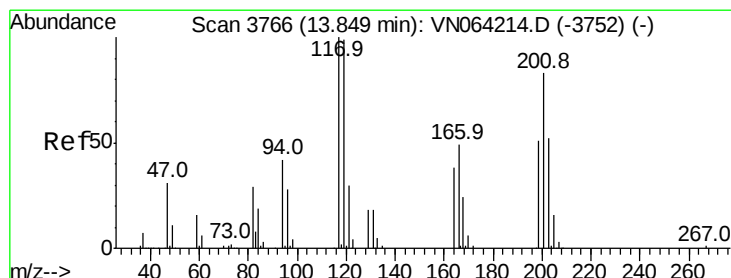
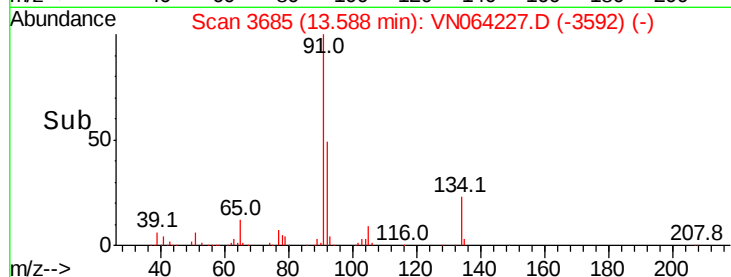
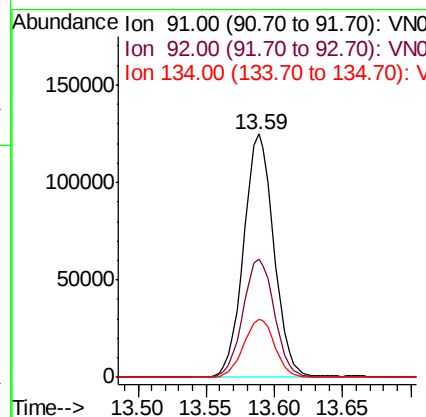
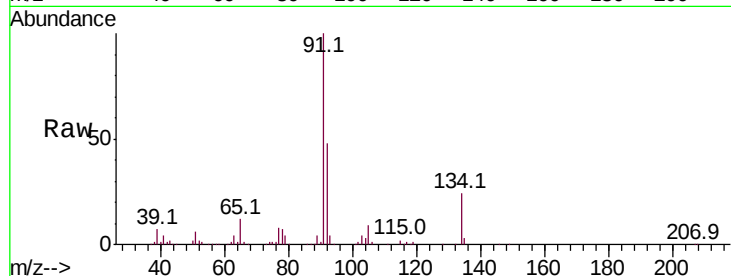
Tot Ion: 91 Resp: 192343

Ion Ratio Lower Upper

91 100

92 50.5 25.7 77.0

134 24.6 12.3 36.8



#90

Hexachloroethane

Concen: 17.194 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN064227.D

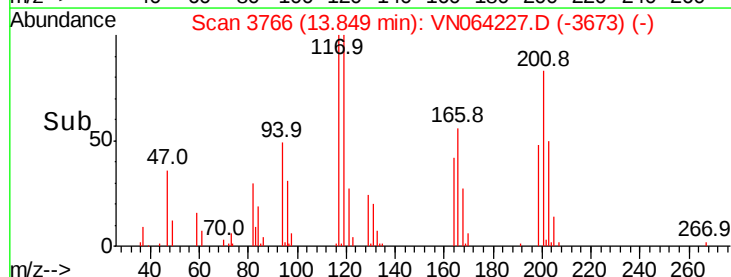
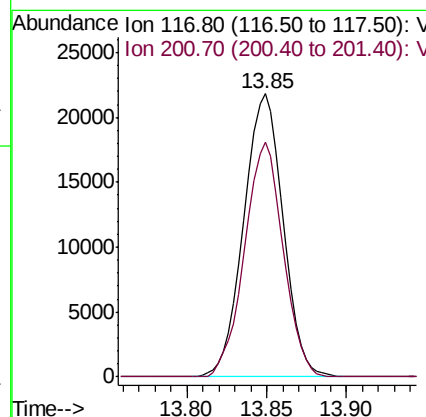
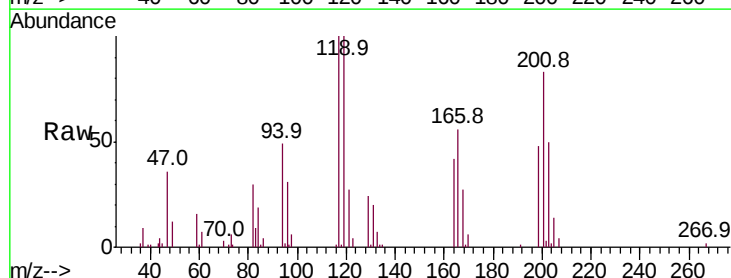
Acq: 21 Oct 2020 17:32

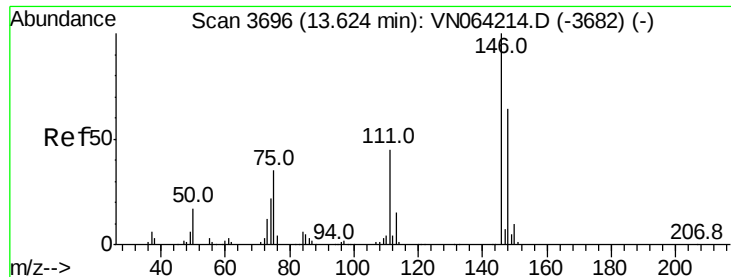
Tgt Ion: 117 Resp: 36540

Ion Ratio Lower Upper

117 100

201 81.2 40.1 120.3

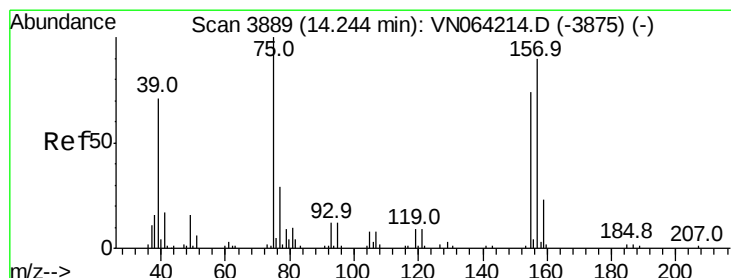
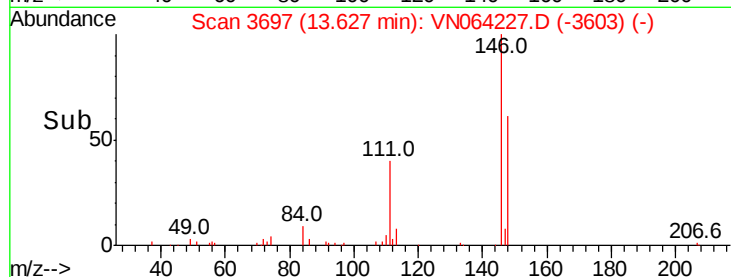
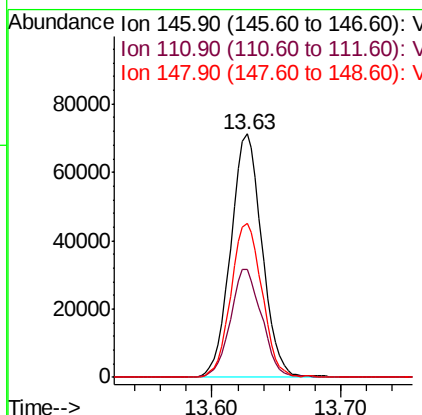
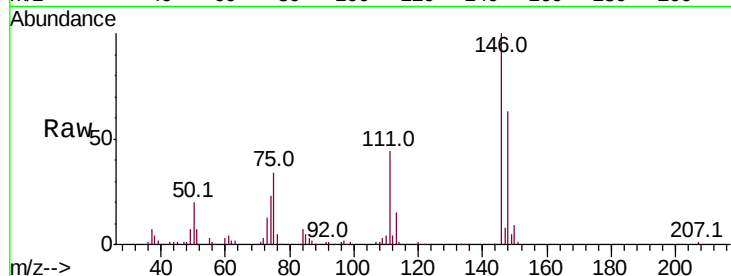




#91  
 1,2-Dichlorobenzene  
 Concen: 19.786 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

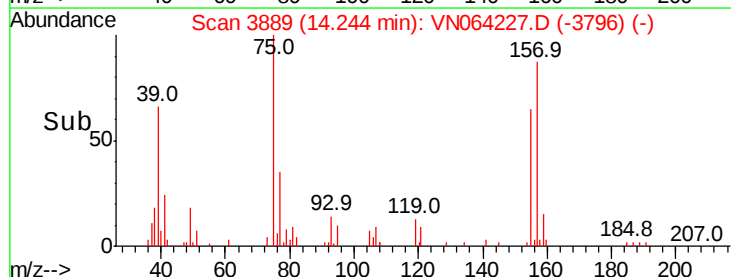
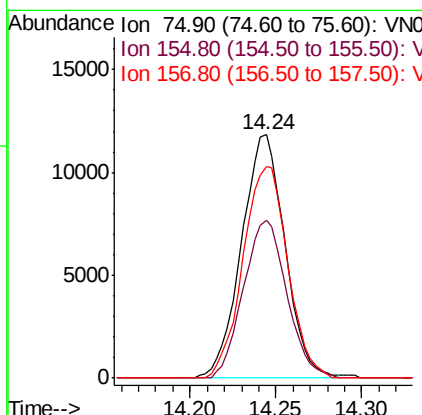
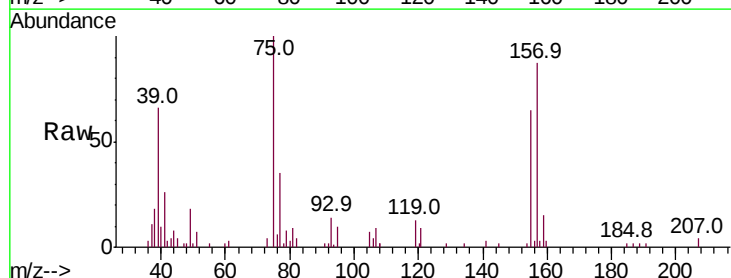
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021MBS01

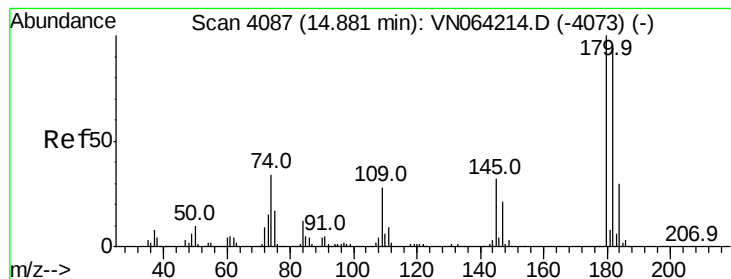
Tot Ion:146 Resp: 120238  
 Ion Ratio Lower Upper  
 146 100  
 111 44.5 22.9 68.7  
 148 62.6 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.261 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. -0.00 min  
 Lab File: VN064227.D  
 Acq: 21 Oct 2020 17:32

Tgt Ion: 75 Resp: 20757  
 Ion Ratio Lower Upper  
 75 100  
 155 64.8 36.9 110.7  
 157 89.1 44.6 133.8





#93

1,2,4-Trichlorobenzene

Concen: 19.313 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

Instrument :

MSVOA\_N

ClientSampleId :

VN1021MBS01

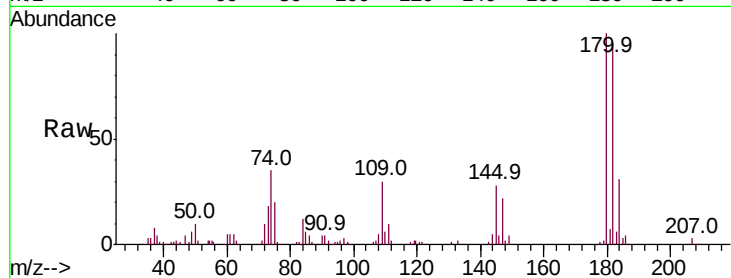
Tot Ion:180 Resp: 65826

Ion Ratio Lower Upper

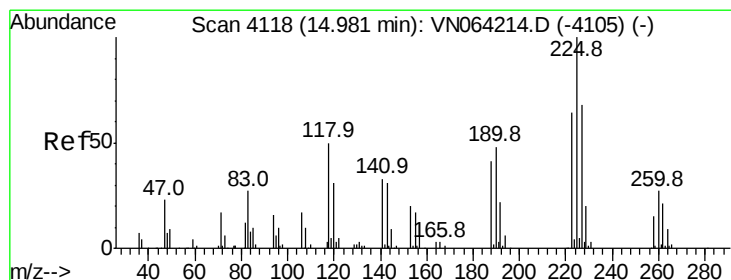
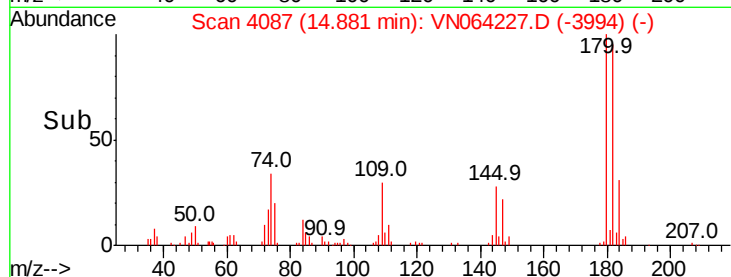
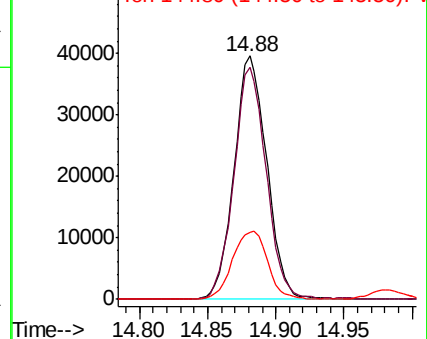
180 100

182 94.5 46.9 140.7

145 30.0 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 16.107 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064227.D

Acq: 21 Oct 2020 17:32

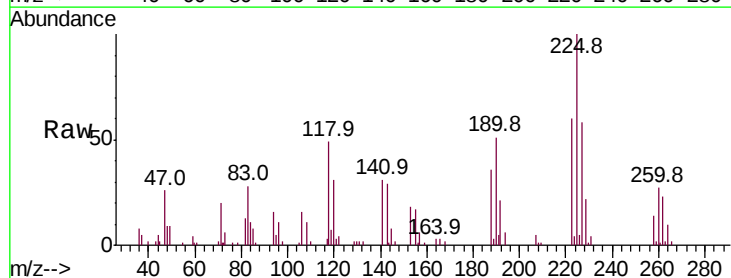
Tgt Ion:225 Resp: 29610

Ion Ratio Lower Upper

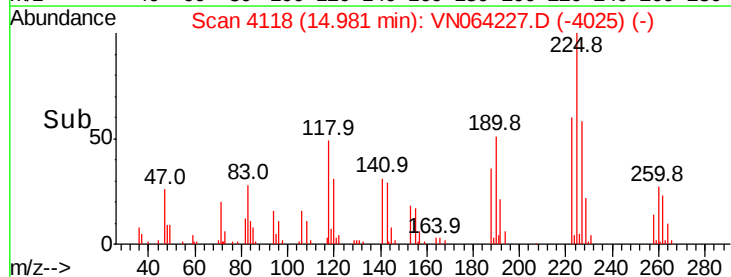
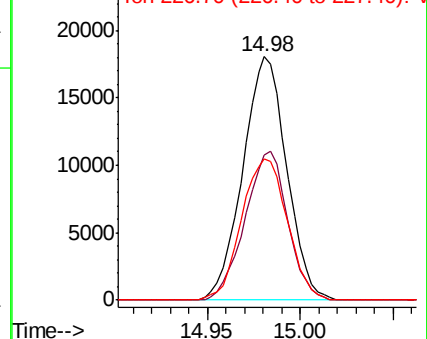
225 100

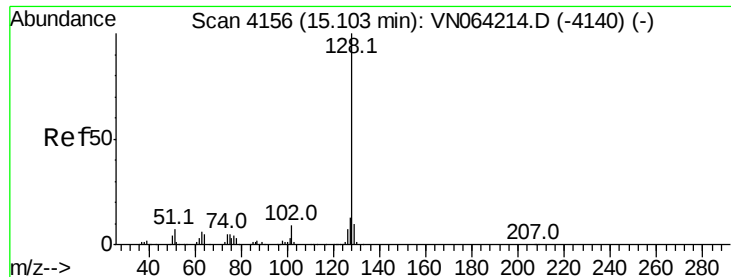
223 59.3 31.5 94.5

227 60.7 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V

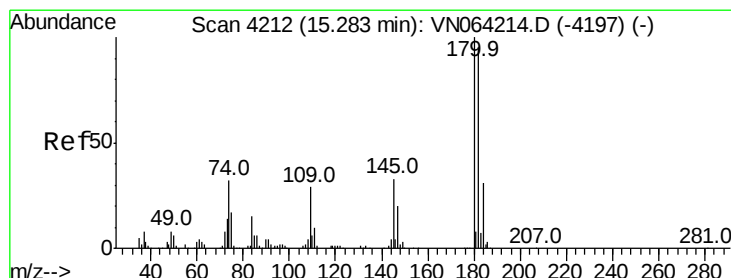
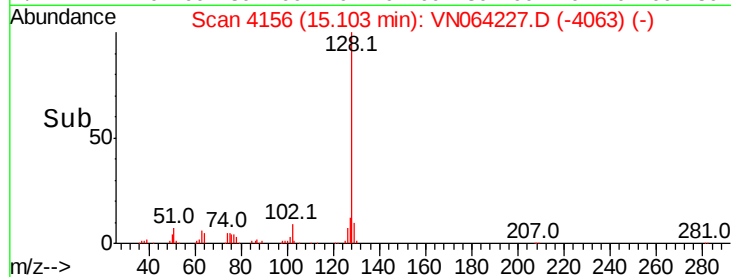
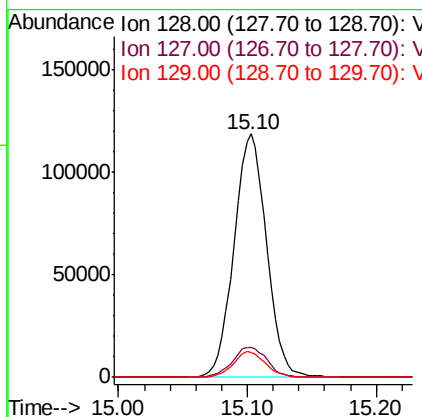
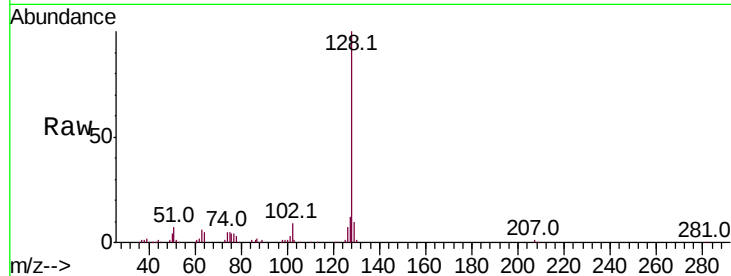




#95  
Naphthalene  
Concen: 20.411 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021MBS01

Tot Ion:128 Resp: 208335  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.5 15.7  
129 10.3 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 18.532 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. -0.00 min  
Lab File: VN064227.D  
Acq: 21 Oct 2020 17:32

Tgt Ion:180 Resp: 62559  
Ion Ratio Lower Upper  
180 100  
182 93.4 48.0 144.2  
145 35.5 17.1 51.3

