

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\  
 Data File : VN064434.D  
 Acq On : 4 Nov 2020 14:18  
 Operator : JC/MD  
 Sample : VN1104WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

Quant Time: Nov 05 00:44:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 322266   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 561222   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 524939   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 224281   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 267381   | 47.63 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.26% |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 179027   | 46.85 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.70% |      |
| 50) Toluene-d8              | 10.06  | 98  | 684335   | 46.34 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.68% |      |
| 62) 4-Bromofluorobenzene    | 12.37  | 95  | 251462   | 45.02 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 90.04% |      |

| Target Compounds              |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.84 | 85  | 74648   | 17.794 | ug/l   | 97     |
| 3) Chloromethane              | 2.04 | 50  | 90532   | 17.767 | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 94015   | 17.967 | ug/l   | 99     |
| 5) Bromomethane               | 2.54 | 94  | 63415   | 18.971 | ug/l   | 98     |
| 6) Chloroethane               | 2.68 | 64  | 59865   | 17.869 | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 137524  | 17.849 | ug/l   | 98     |
| 8) Diethyl Ether              | 3.38 | 74  | 49915   | 18.345 | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 64560   | 17.645 | ug/l   | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 68626   | 16.141 | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.75 | 59  | 58195   | 94.009 | ug/l # | 85     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 60577   | 17.576 | ug/l   | 99     |
| 13) Acrolein                  | 3.57 | 56  | 35120   | 91.463 | ug/l   | 95     |
| 14) Allyl chloride            | 4.27 | 41  | 115624  | 17.149 | ug/l   | 98     |
| 15) Acrylonitrile             | 4.93 | 53  | 160678  | 93.229 | ug/l   | 98     |
| 16) Acetone                   | 3.78 | 43  | 173843  | 81.302 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.00 | 76  | 179633  | 17.428 | ug/l   | 97     |
| 18) Methyl Acetate            | 4.28 | 43  | 75138   | 17.874 | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 216939  | 17.489 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 75123   | 17.708 | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96  | 69251   | 17.696 | ug/l   | 96     |
| 22) Diisopropyl ether         | 5.90 | 45  | 252953  | 17.674 | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.85 | 43  | 1047369 | 89.959 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 140541  | 17.870 | ug/l   | 98     |
| 25) 2-Butanone                | 6.79 | 43  | 243964  | 89.547 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 123388  | 17.332 | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 80412   | 17.733 | ug/l   | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 71566   | 18.513 | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 146124  | 87.421 | ug/l   | 98     |
| 30) Chloroform                | 7.32 | 83  | 147603  | 17.855 | ug/l   | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 116116  | 17.017 | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 129150  | 17.614 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 106830  | 18.018 | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.88 | 43  | 103959  | 17.775 | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 110468  | 17.434 | ug/l   | 98     |

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 Sample : VN1104WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

Quant Time: Nov 05 00:44:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 92939    | 17.487  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 308342   | 17.698  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 34211    | 13.015  | ug/l # | 75       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 130217   | 18.521  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 172301   | 17.932  | ug/l   | 99       |
| 44) Trichloroethene            | 8.80  | 130  | 77527    | 17.637  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 85706    | 18.437  | ug/l   | 96       |
| 46) Dibromomethane             | 9.17  | 93   | 55892    | 18.264  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 116957   | 17.775  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.16  | 41   | 83478    | 17.218  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 24595    | 385.139 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 517128   | 92.290  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 196639   | 18.505  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 122680   | 17.586  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 131943   | 17.690  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 73134    | 17.648  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 105647   | 16.765  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 130482   | 18.039  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 284580   | 102.259 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 370088   | 83.720  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 81750    | 17.619  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 77437    | 18.422  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 72171    | 17.848  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 198555   | 17.254  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 75541    | 17.596  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 362272   | 17.698  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 260291   | 35.063  | ug/l   | 97       |
| 69) o-Xylene                   | 11.92 | 106  | 124479   | 17.353  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 213444   | 17.683  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 50037    | 16.402  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.22 | 105  | 325949   | 18.284  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 142455   | 17.291  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 100910   | 18.429  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 141241   | 25.991  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 79842    | 18.345  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.57 | 91   | 375981   | 18.500  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 239778   | 18.602  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 268282   | 18.243  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 33581    | 17.254  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 249140   | 18.456  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 213703   | 18.606  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 270969   | 18.329  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 273695   | 18.815  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 241923   | 18.489  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 136306   | 18.118  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 135181   | 17.387  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 202246   | 17.978  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 45371    | 17.976  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 132004   | 18.241  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 20686    | 18.975  | ug/l   | 97       |

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Operator : JC/MD  
Sample : VN1104WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 11 Sample Multiplier: 1

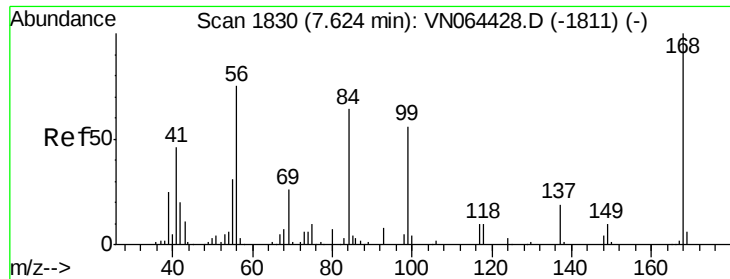
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

Quant Time: Nov 05 00:44:54 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 04 12:09:03 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 53597    | 16.763 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 26413    | 17.926 | ug/l  | 97       |
| 95) Naphthalene            | 15.10 | 128  | 170731   | 16.497 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 53502    | 17.289 | ug/l  | 99       |

(#) = 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: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

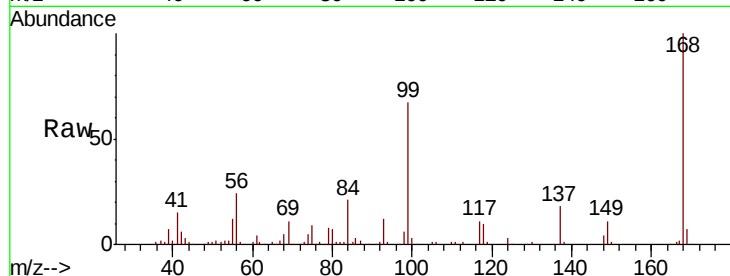
VN1104WBS01

Tot Ion:168 Resp: 322266

Ion Ratio Lower Upper

168 100

99 66.7 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

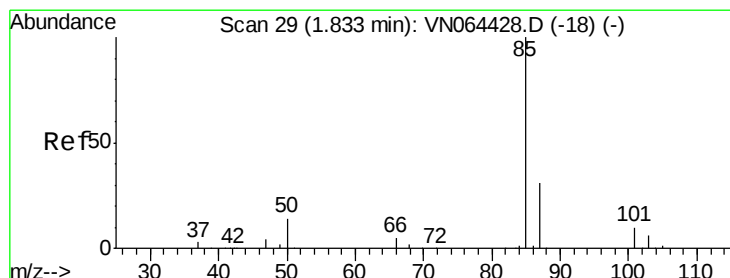
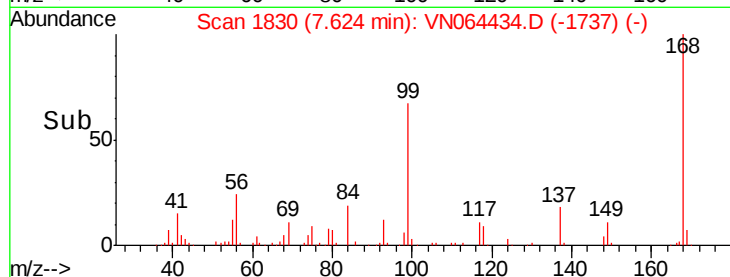
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.794 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064434.D

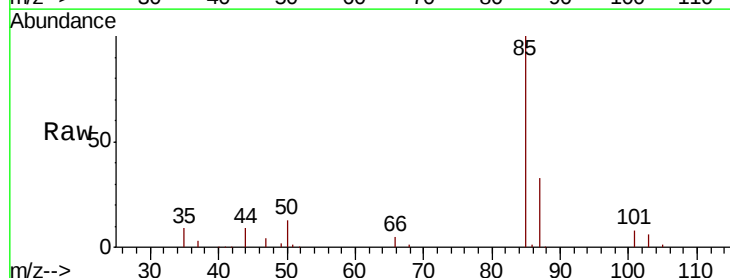
Acq: 4 Nov 2020 14:18

Tgt Ion: 85 Resp: 74648

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.84

60000

50000

40000

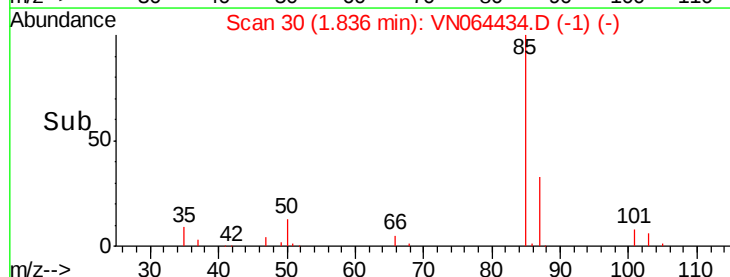
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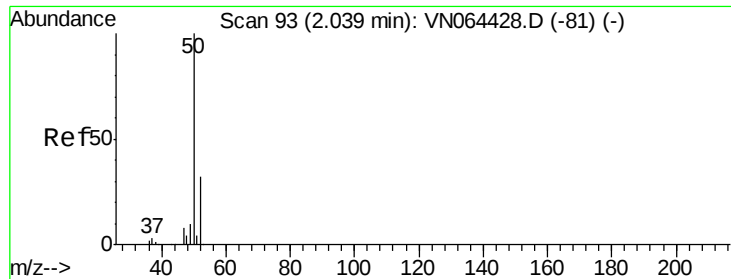
20000

10000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 17.767 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

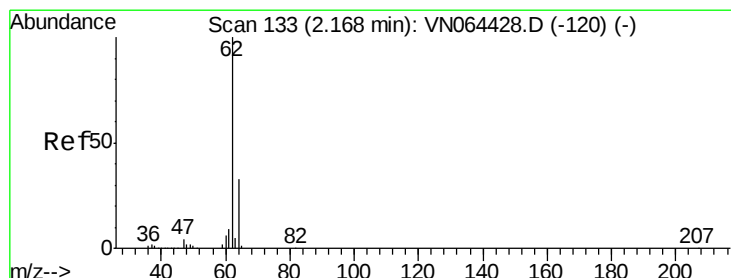
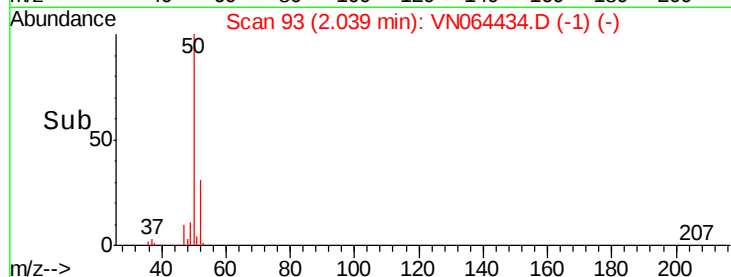
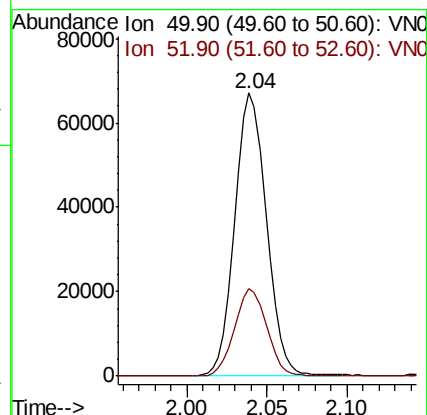
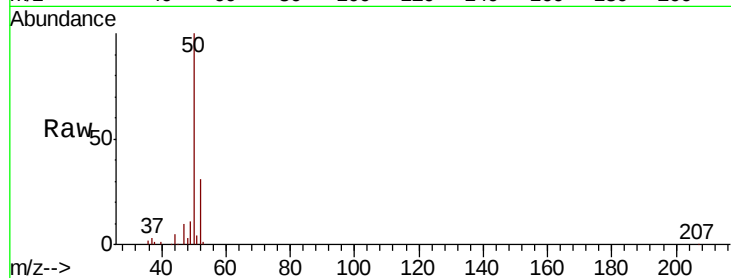
VN1104WBS01

Tot Ion: 50 Resp: 90532

Ion Ratio Lower Upper

50 100

52 30.8 25.3 37.9



#4

Vinyl Chloride

Concen: 17.967 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064434.D

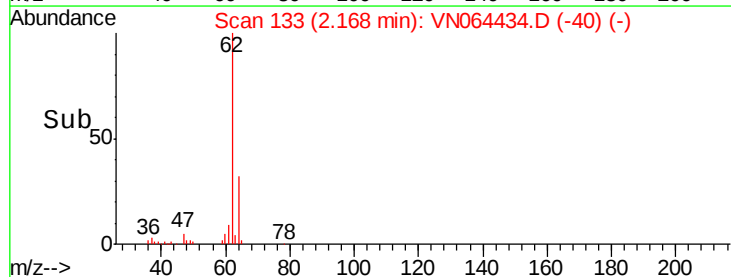
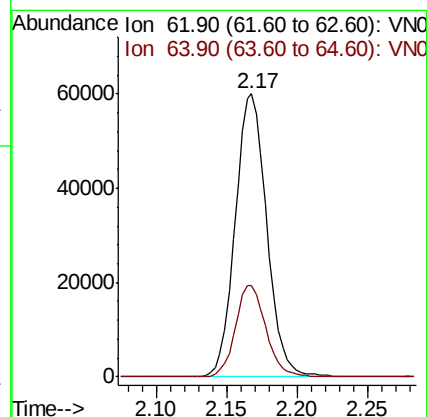
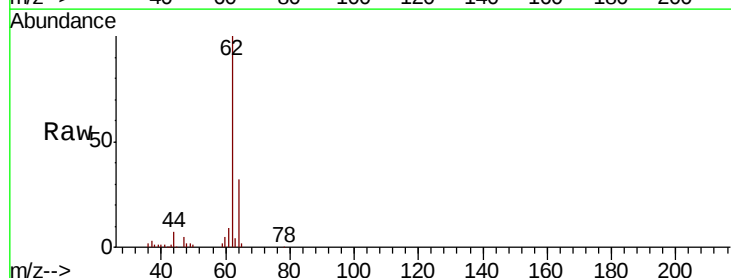
Acq: 4 Nov 2020 14:18

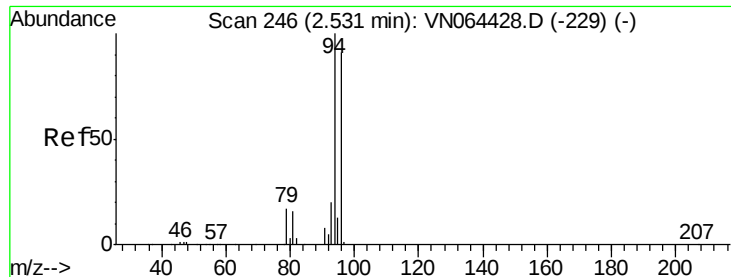
Tgt Ion: 62 Resp: 94015

Ion Ratio Lower Upper

62 100

64 32.2 26.3 39.5





#5

Bromomethane

Concen: 18.971 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

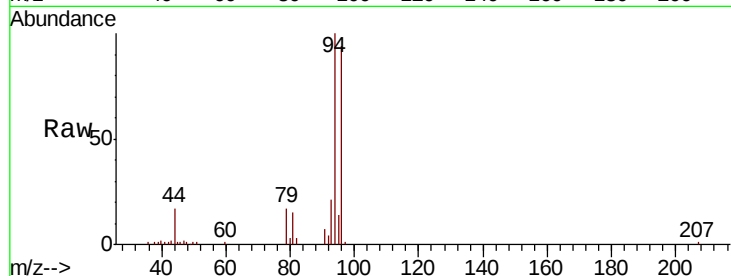
VN1104WBS01

Tot Ion: 94 Resp: 63415

Ion Ratio Lower Upper

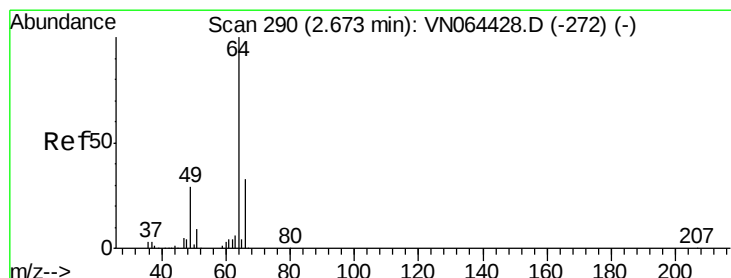
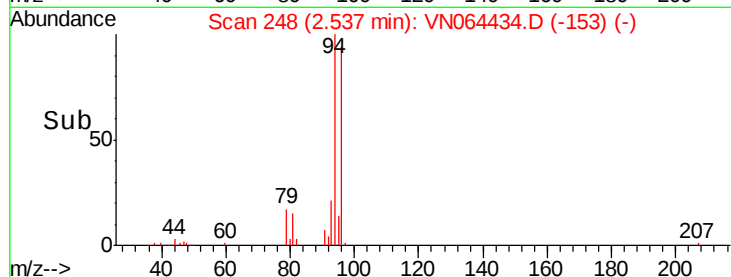
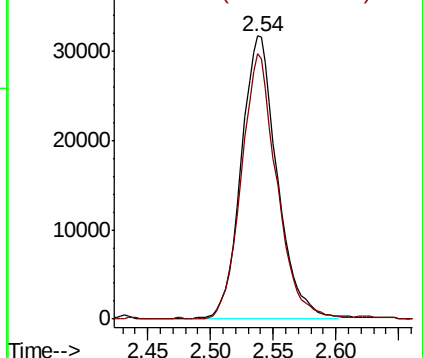
94 100

96 93.7 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.869 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064434.D

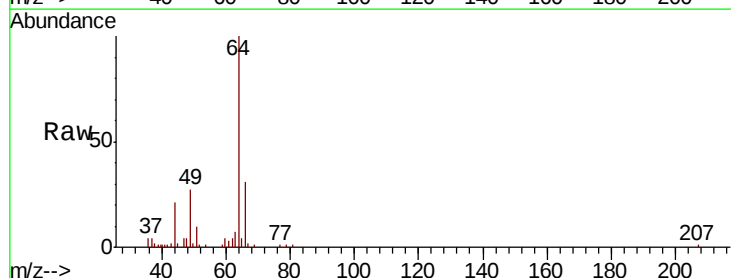
Acq: 4 Nov 2020 14:18

Tgt Ion: 64 Resp: 59865

Ion Ratio Lower Upper

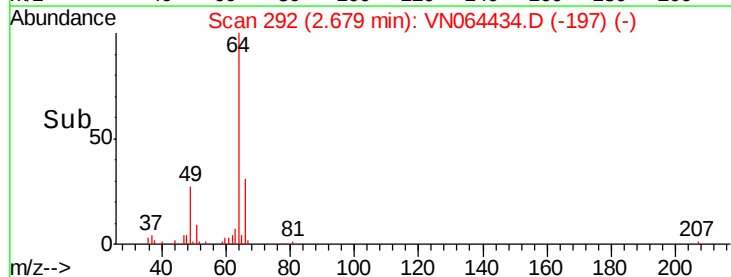
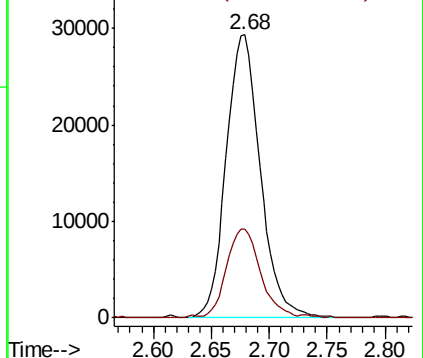
64 100

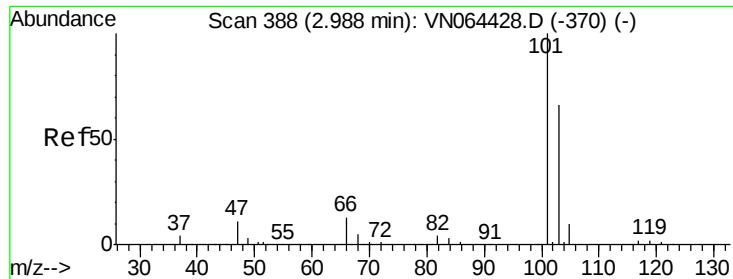
66 31.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



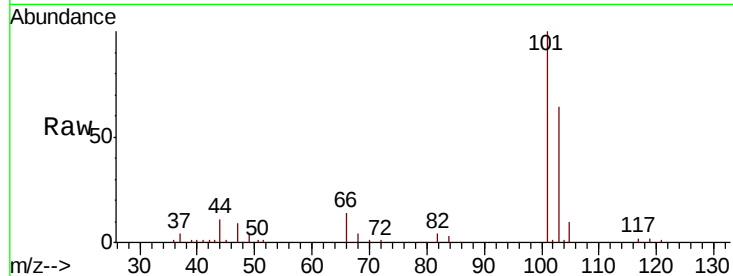


#7

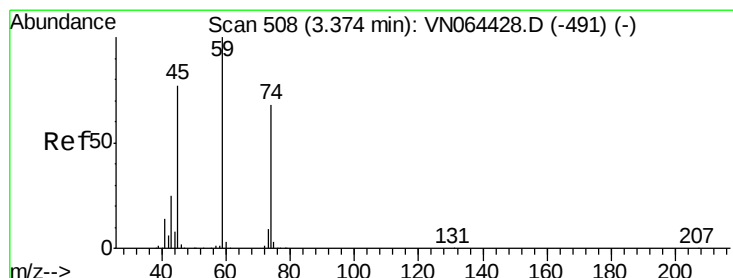
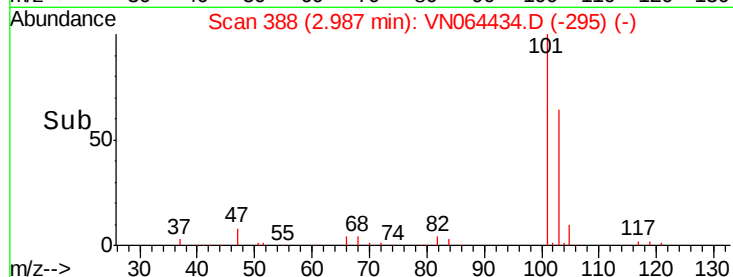
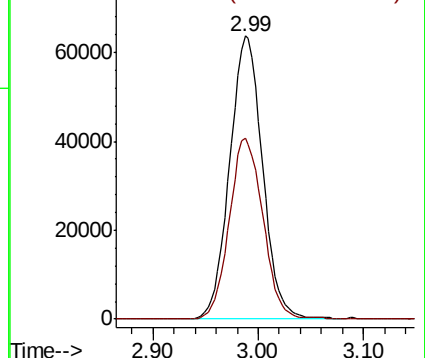
Trichlorofluoromethane  
Concen: 17.849 ug/l  
RT: 2.99 min Scan# 388  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

Tot Ion:101 Resp: 137524  
Ion Ratio Lower Upper  
101 100  
103 63.8 52.4 78.6



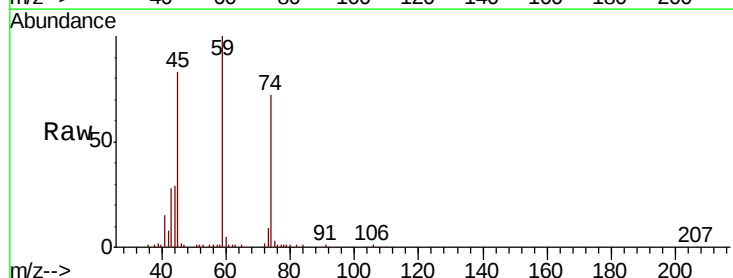
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



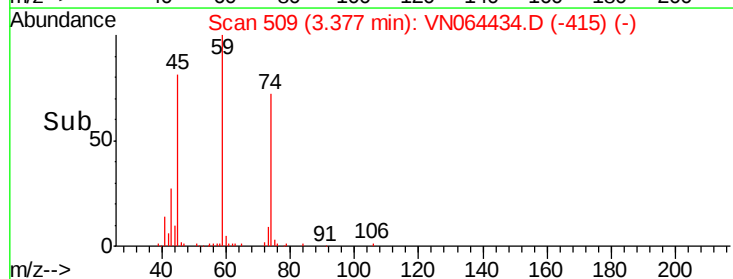
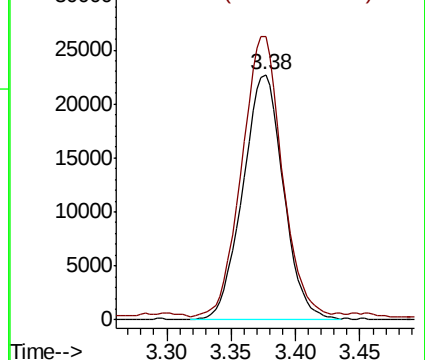
#8

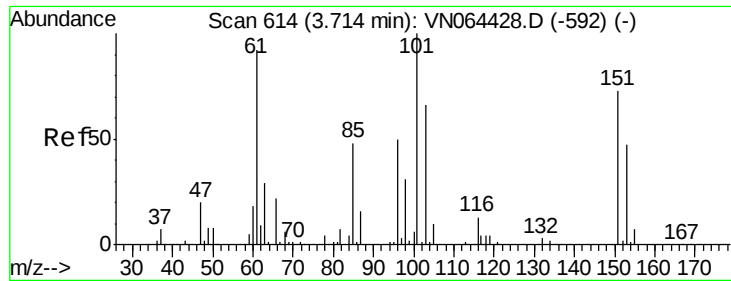
Diethyl Ether  
Concen: 18.345 ug/l  
RT: 3.38 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 74 Resp: 49915  
Ion Ratio Lower Upper  
74 100  
45 112.8 55.9 167.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.645 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

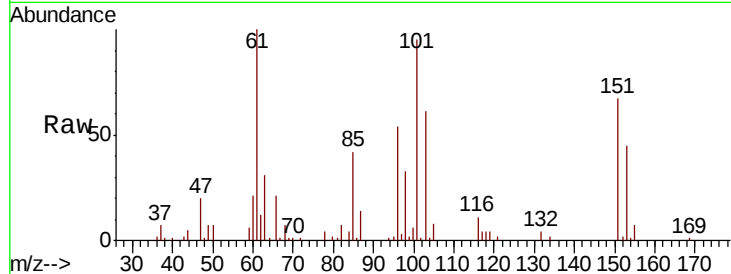
Tot Ion:101 Resp: 64560

Ion Ratio Lower Upper

101 100

85 47.8 38.6 57.8

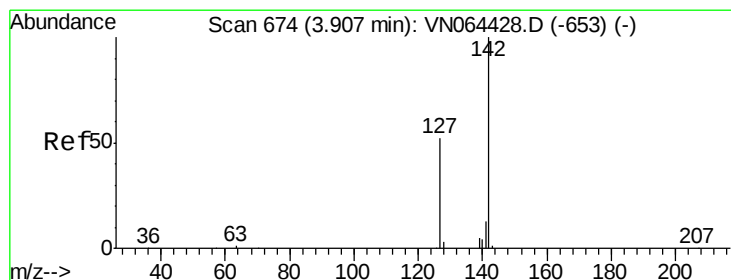
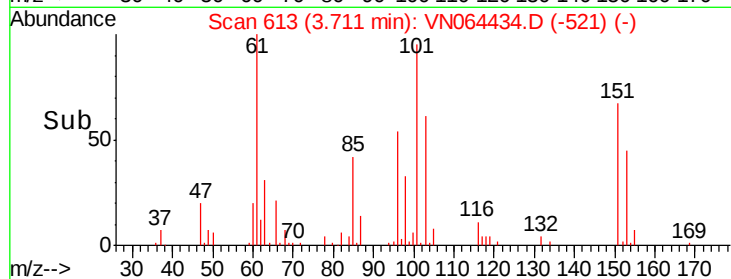
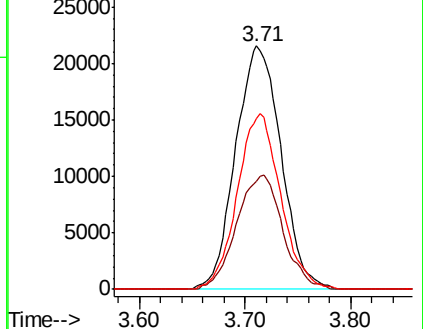
151 68.9 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.141 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

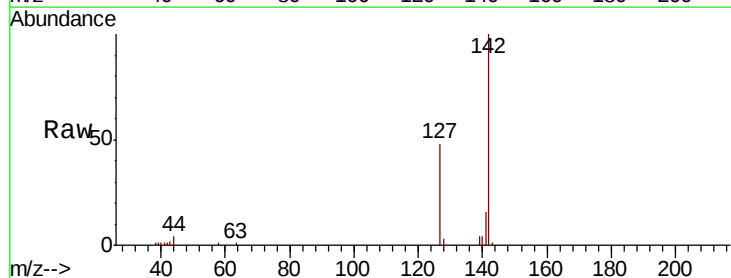
Tgt Ion:142 Resp: 68626

Ion Ratio Lower Upper

142 100

127 50.6 41.8 62.8

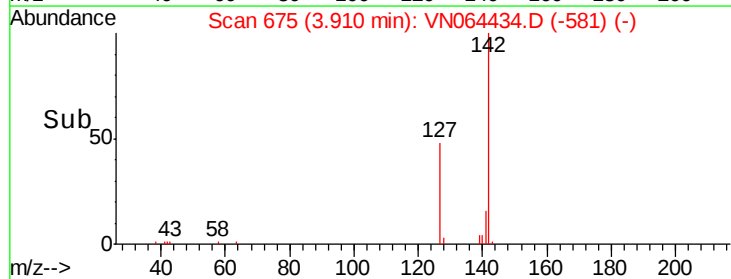
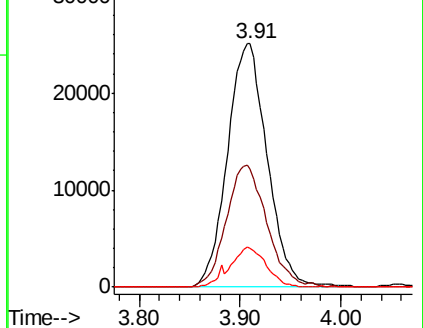
141 15.1 11.4 17.2

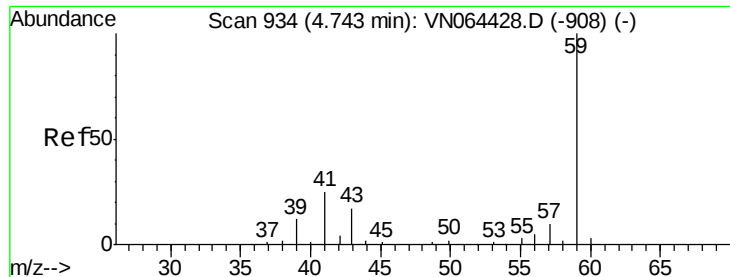


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

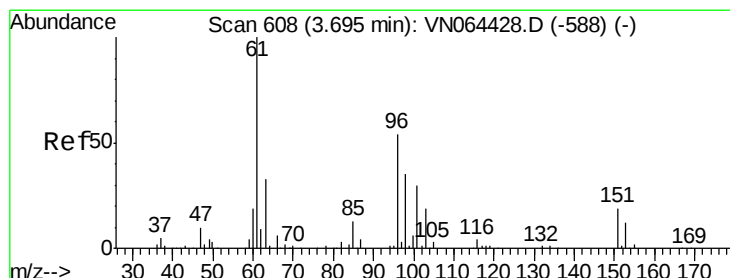
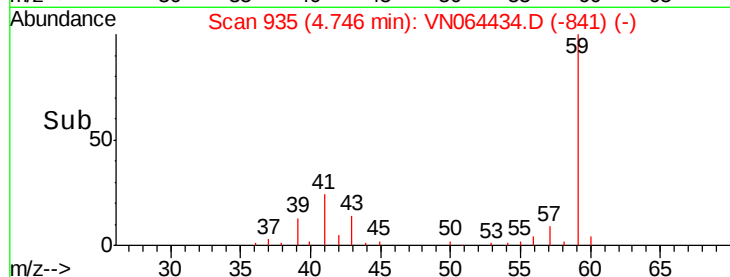
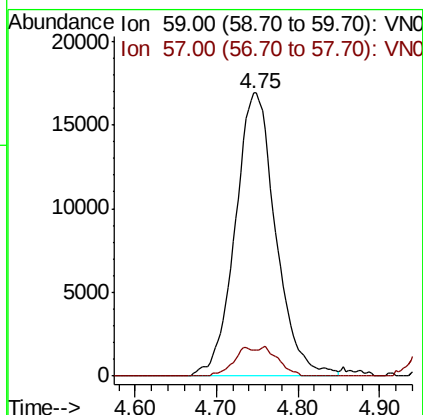
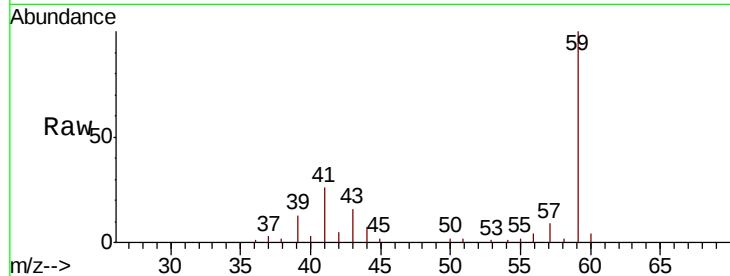




#11  
Tert butyl alcohol  
Concen: 94.009 ug/l  
RT: 4.75 min Scan# 935  
Delta R.T. 0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

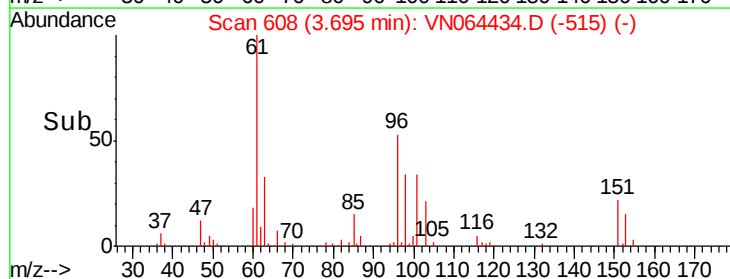
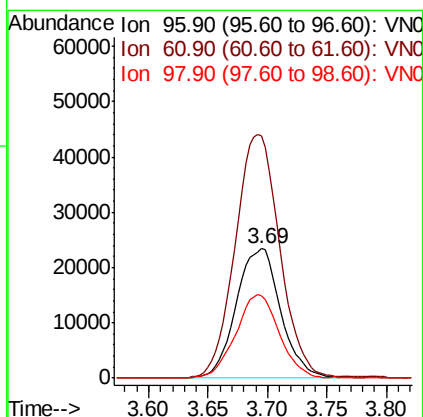
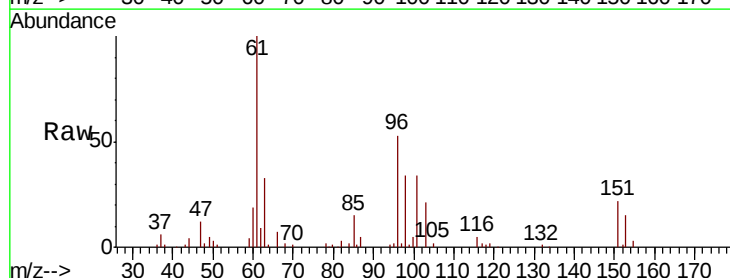
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

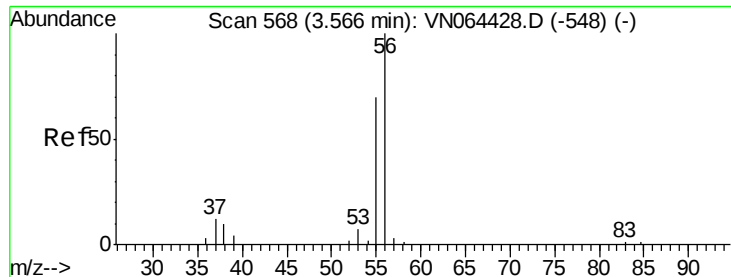
Tot Ion: 59 Resp: 58195  
Ion Ratio Lower Upper  
59 100  
57 5.7 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 17.576 ug/l  
RT: 3.69 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 96 Resp: 60577  
Ion Ratio Lower Upper  
96 100  
61 186.5 149.5 224.3  
98 63.7 52.4 78.6





#13

Acrolein

Concen: 91.463 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

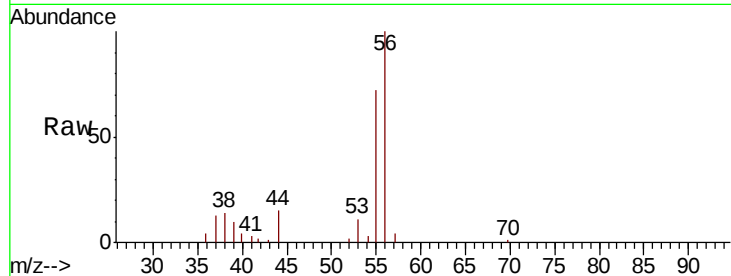
VN1104WBS01

Tot Ion: 56 Resp: 35120

Ion Ratio Lower Upper

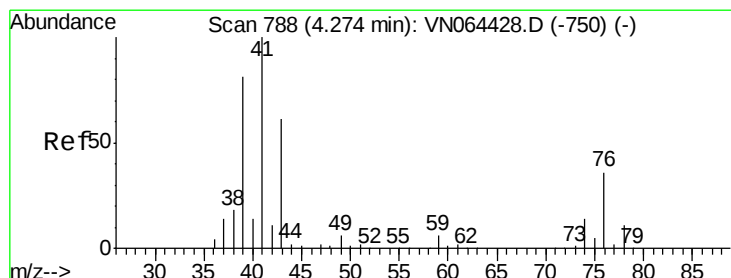
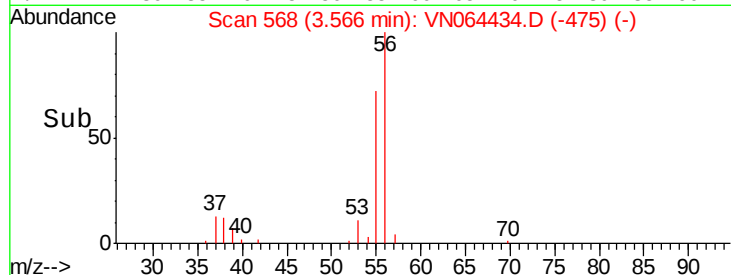
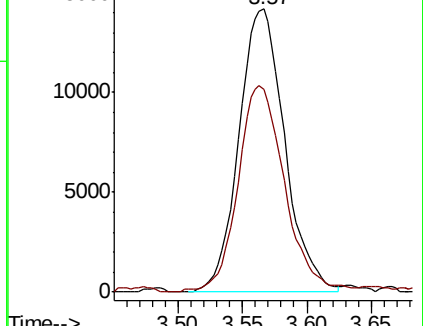
56 100

55 74.3 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN064434.D (-548) (-)

Ion 55.00 (54.70 to 55.70): VN064434.D (-548) (-)



#14

Allyl chloride

Concen: 17.149 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

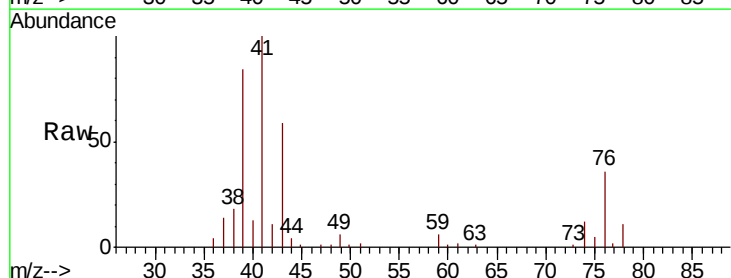
Tgt Ion: 41 Resp: 115624

Ion Ratio Lower Upper

41 100

39 79.3 61.8 92.8

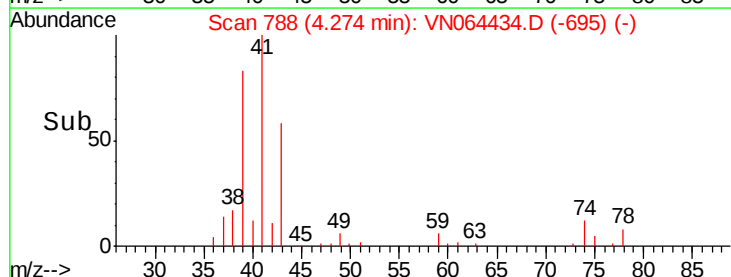
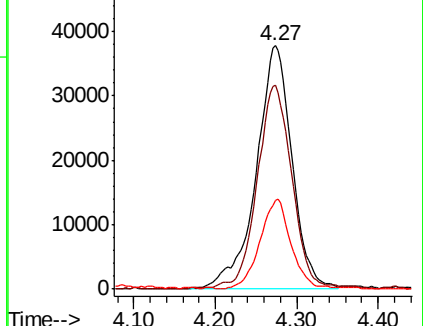
76 32.0 25.4 38.0

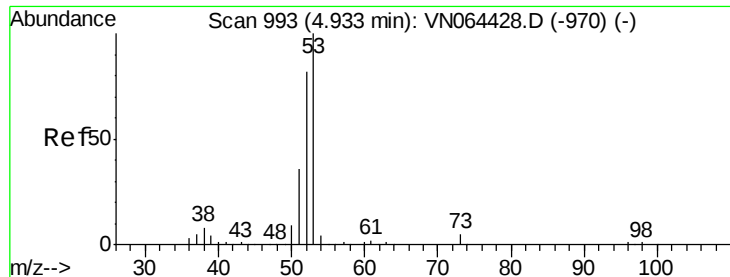


Abundance Ion 41.00 (40.70 to 41.70): VN064434.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064434.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064434.D (-695) (-)





#15

Acrylonitrile

Concen: 93.229 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

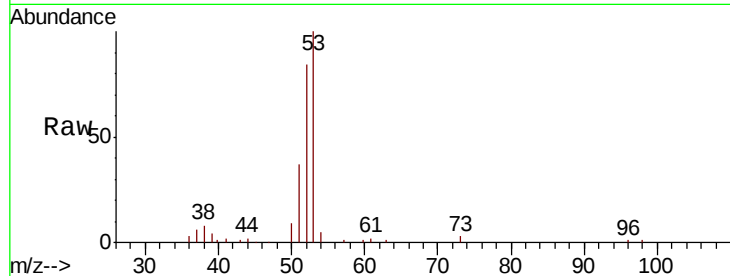
Tot Ion: 53 Resp: 160678

Ion Ratio Lower Upper

53 100

52 84.1 65.6 98.4

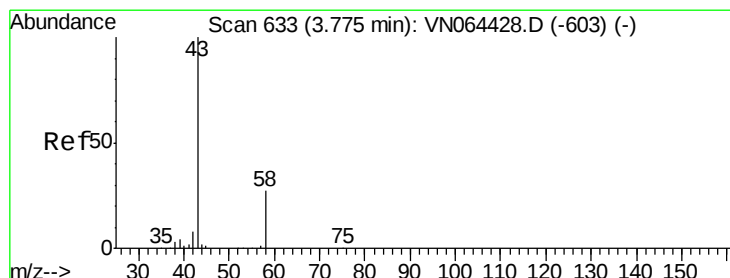
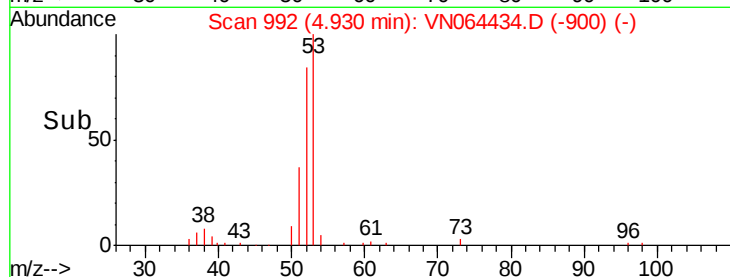
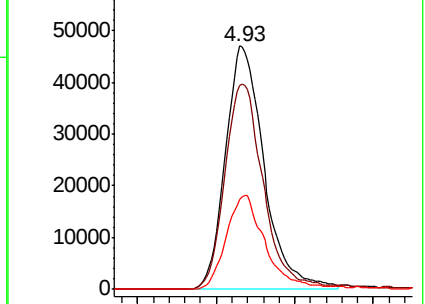
51 39.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 81.302 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064434.D

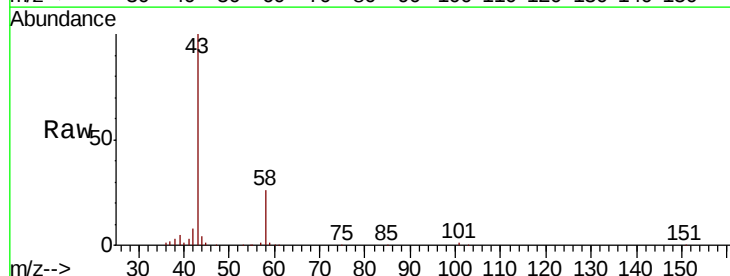
Acq: 4 Nov 2020 14:18

Tgt Ion: 43 Resp: 173843

Ion Ratio Lower Upper

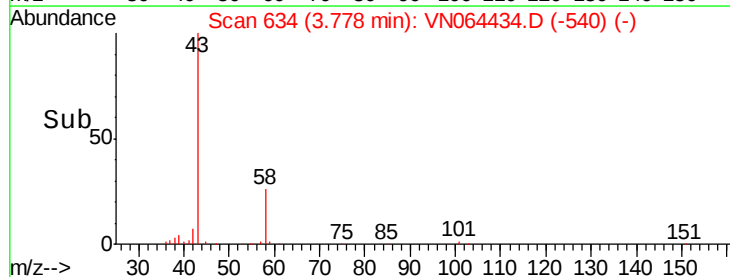
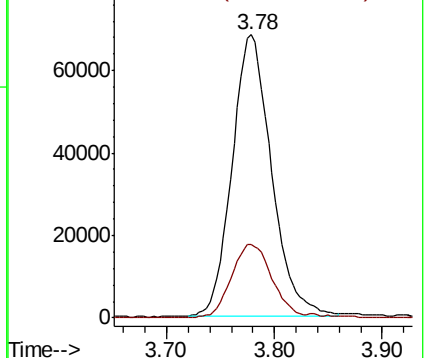
43 100

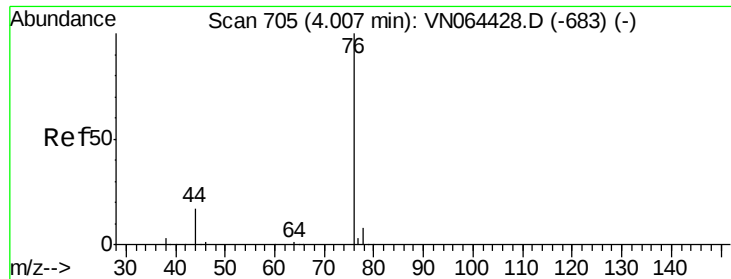
58 26.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

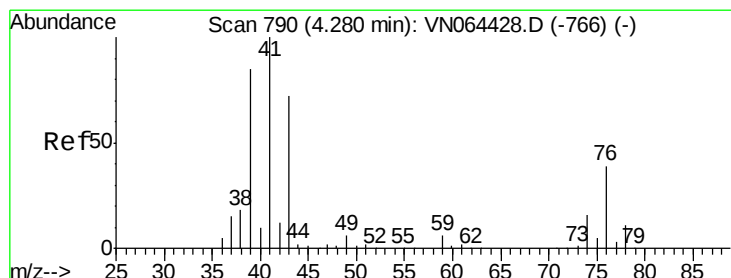
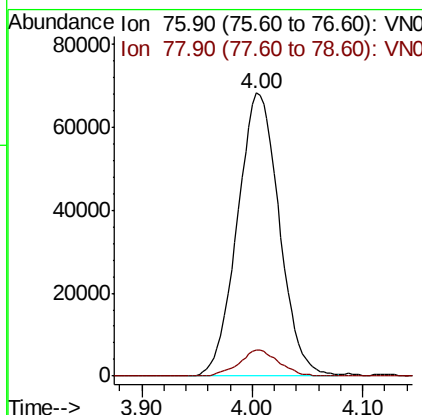
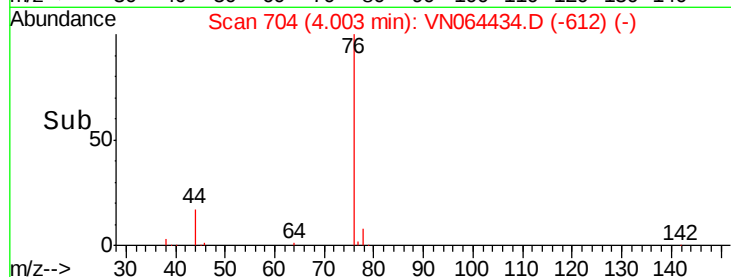
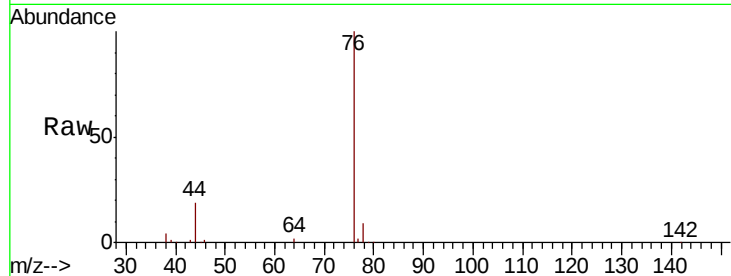




#17  
Carbon Disulfide  
Concen: 17.428 ug/l  
RT: 4.00 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

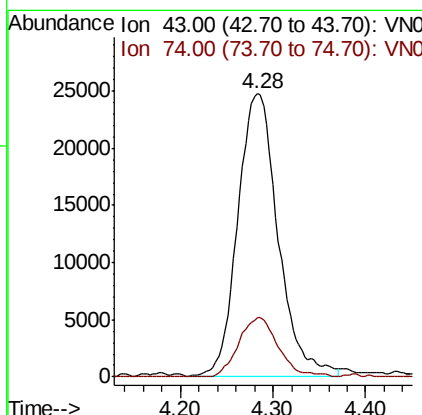
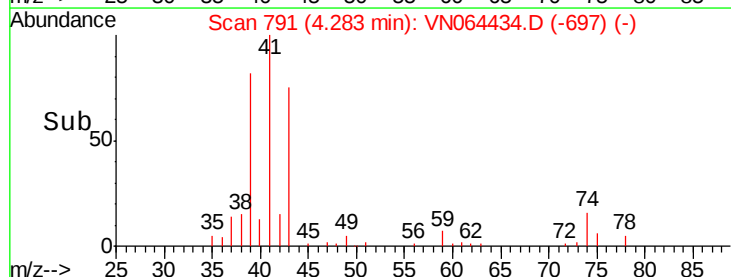
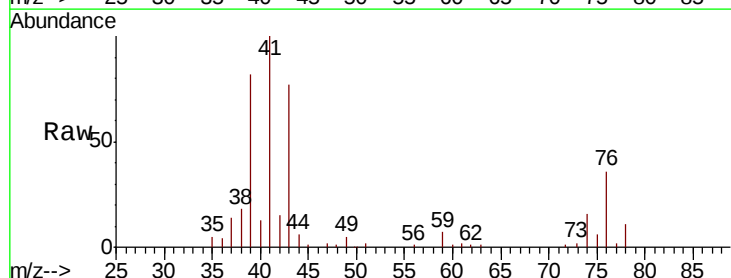
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

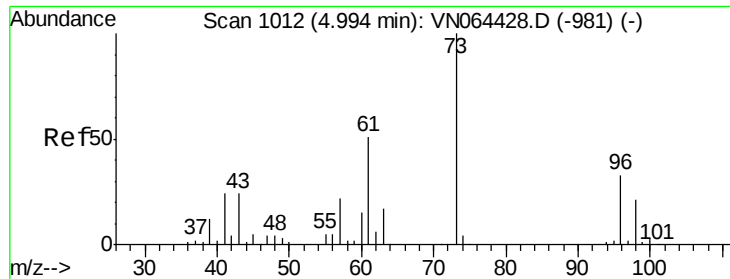
Tot Ion: 76 Resp: 179633  
Ion Ratio Lower Upper  
76 100  
78 9.4 6.8 10.2



#18  
Methyl Acetate  
Concen: 17.874 ug/l  
RT: 4.28 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 43 Resp: 75138  
Ion Ratio Lower Upper  
43 100  
74 20.5 17.0 25.4

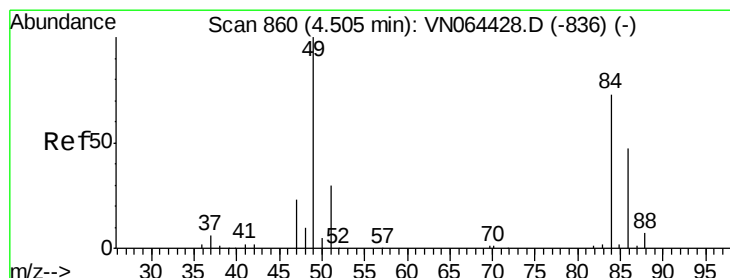
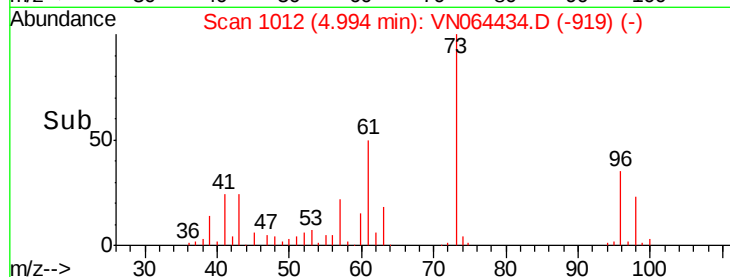
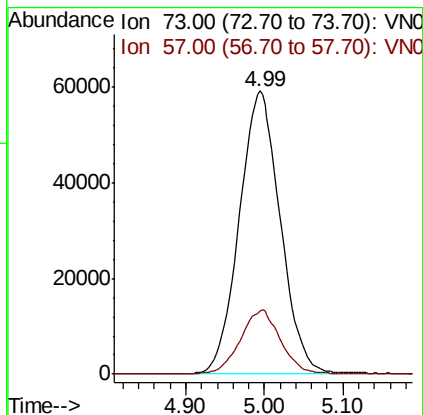
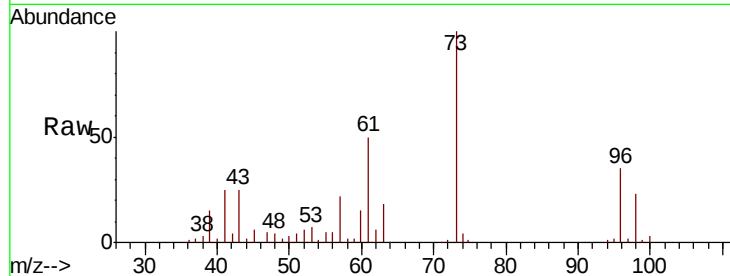




#19  
Methvl tert-butvl Ether  
Concen: 17.489 ug/l  
RT: 4.99 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

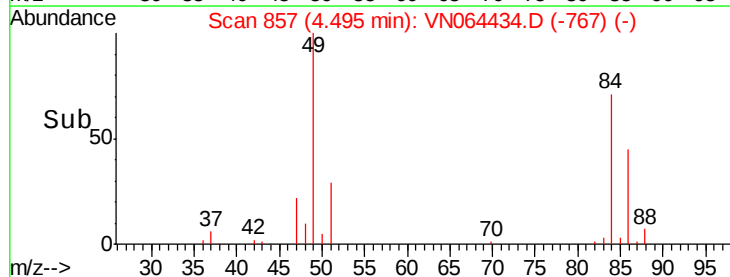
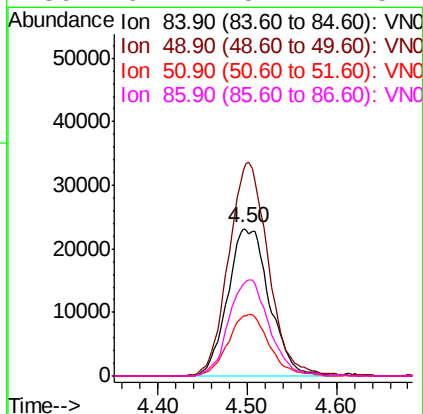
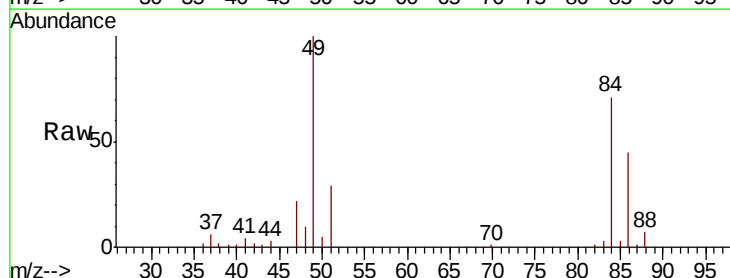
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

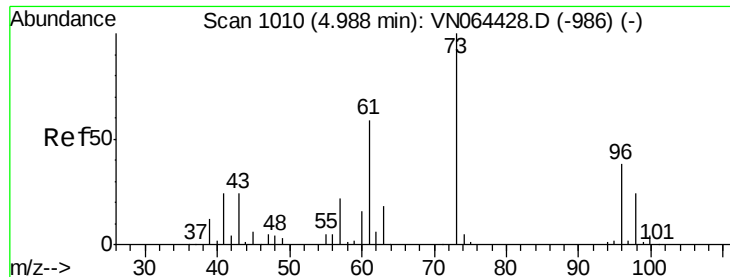
Tot Ion: 73 Resp: 216939  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.7 26.5



#20  
Methylene Chloride  
Concen: 17.708 ug/l  
RT: 4.50 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 84 Resp: 75123  
Ion Ratio Lower Upper  
84 100  
49 139.4 110.1 165.1  
51 40.7 33.6 50.4  
86 62.7 52.1 78.1

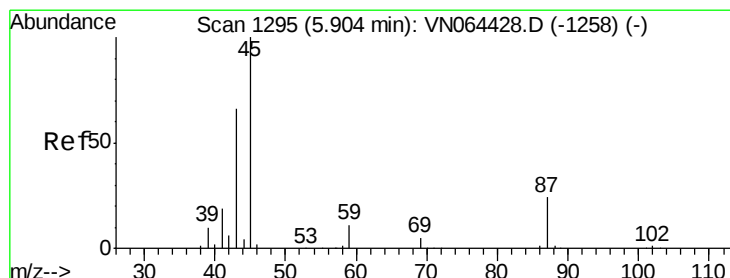
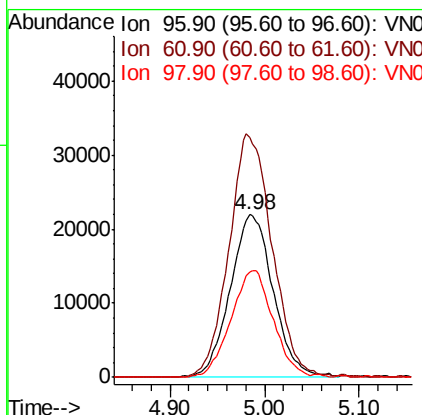
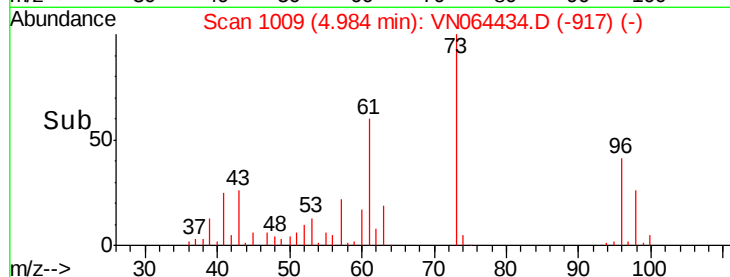
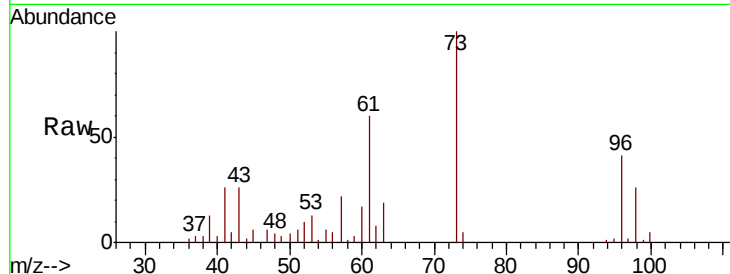




#21  
trans-1,2-Dichloroethene  
Concen: 17.696 ug/l  
RT: 4.98 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

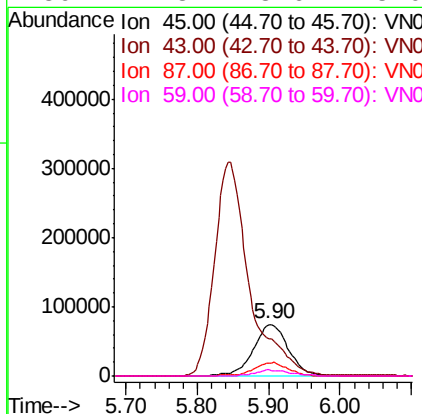
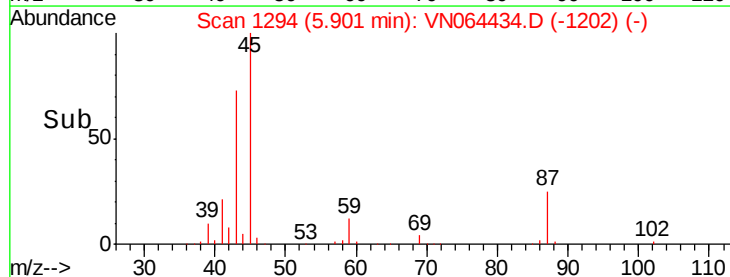
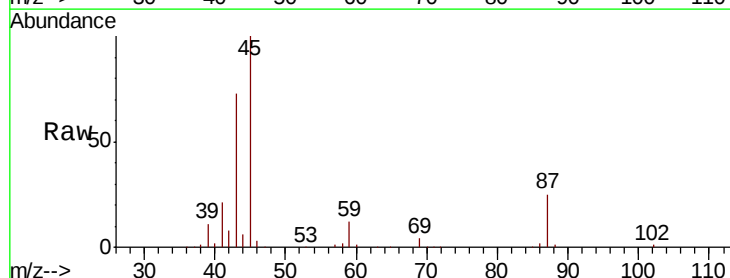
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

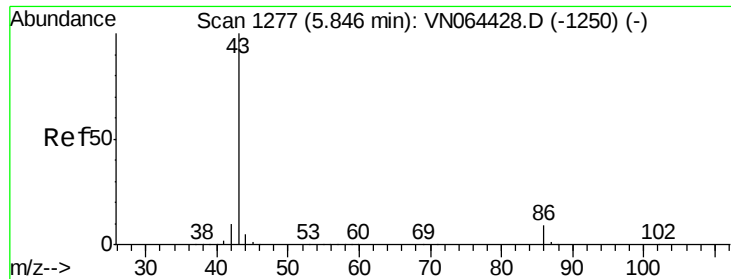
Tot Ion: 96 Resp: 69251  
Ion Ratio Lower Upper  
96 100  
61 146.2 122.4 183.6  
98 64.7 50.4 75.6



#22  
Diisopropyl ether  
Concen: 17.674 ug/l  
RT: 5.90 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 45 Resp: 252953  
Ion Ratio Lower Upper  
45 100  
43 70.2 53.2 79.8  
87 24.4 19.9 29.9  
59 11.8 8.6 13.0

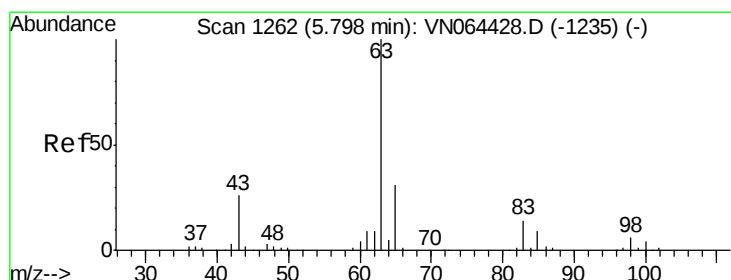
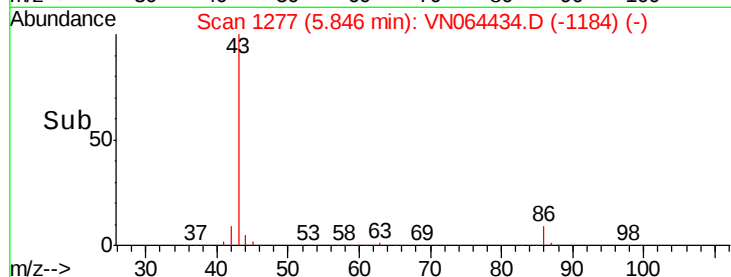
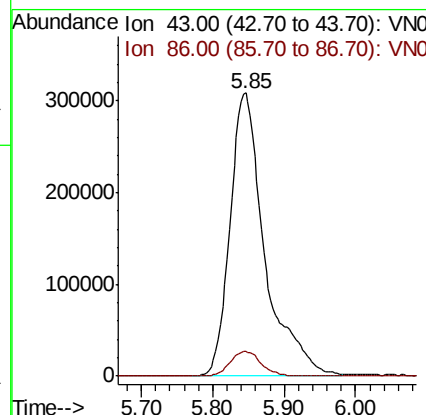
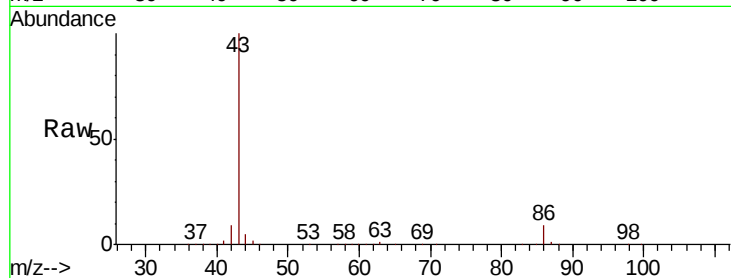




#23  
 Vinyl Acetate  
 Concen: 89.959 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

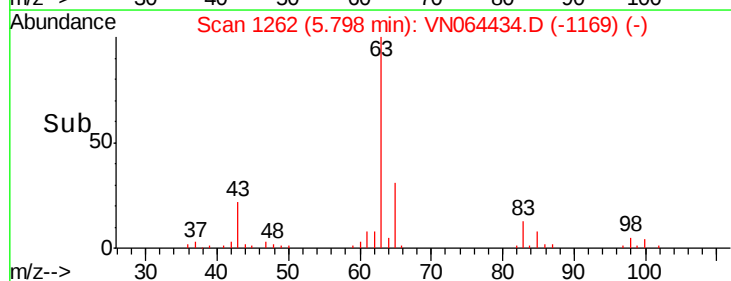
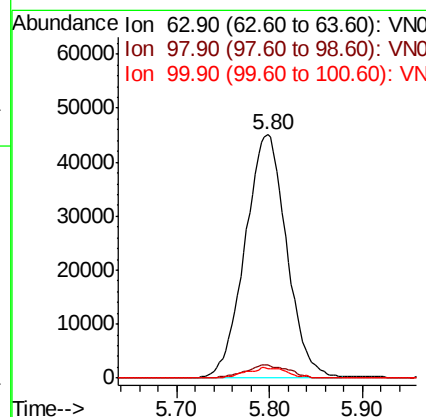
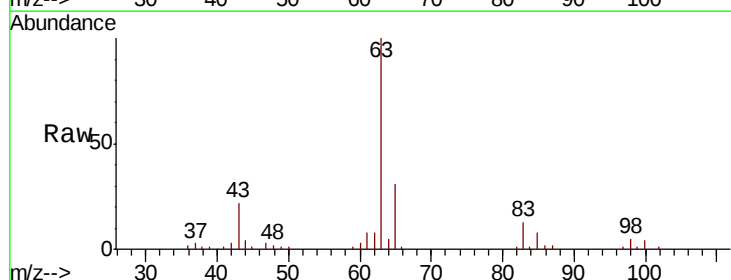
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

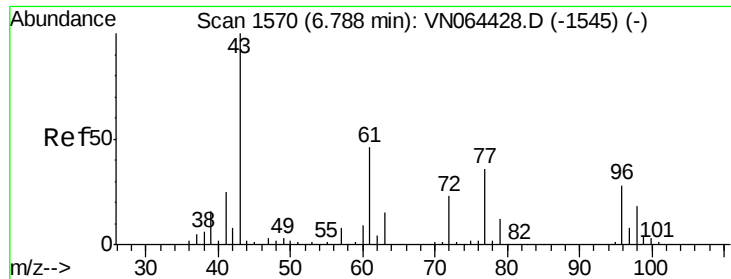
Tot Ion: 43 Resp: 1047369  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 6.8 10.2



#24  
 1,1-Dichloroethane  
 Concen: 17.870 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion: 63 Resp: 140541  
 Ion Ratio Lower Upper  
 63 100  
 98 5.4 3.0 9.2  
 100 4.0 1.8 5.3

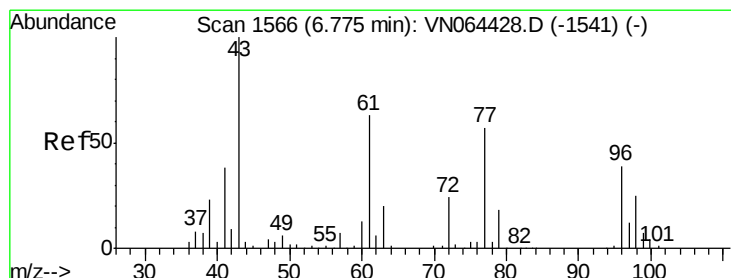
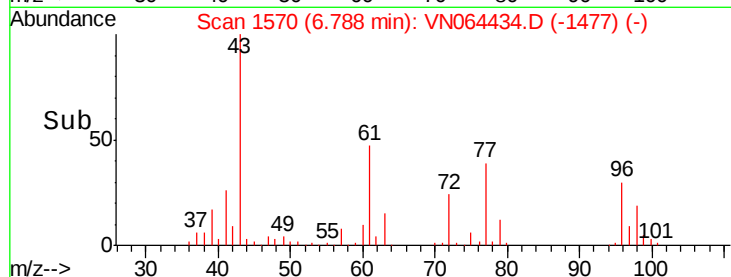
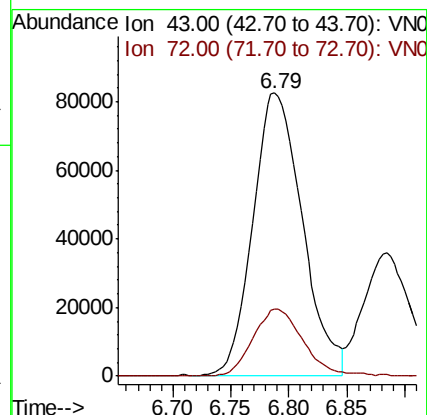
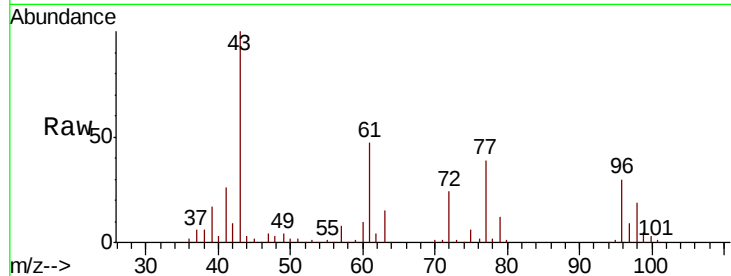




#25  
2-Butanone  
Concen: 89.547 ug/l  
RT: 6.79 min Scan# 1570  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

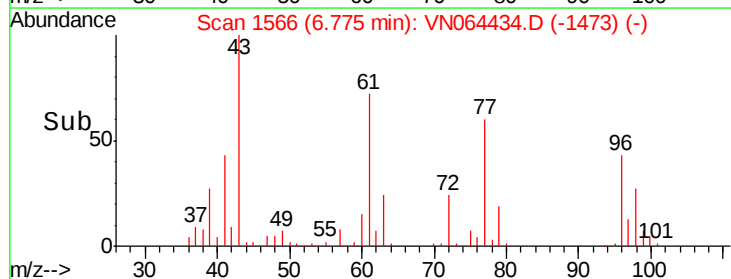
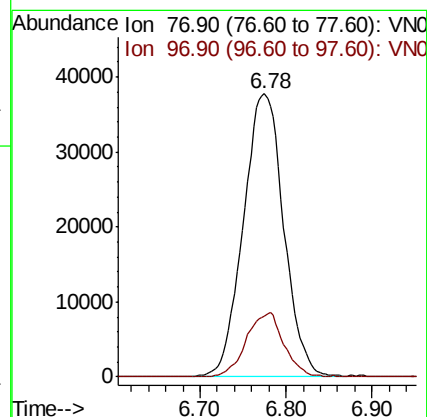
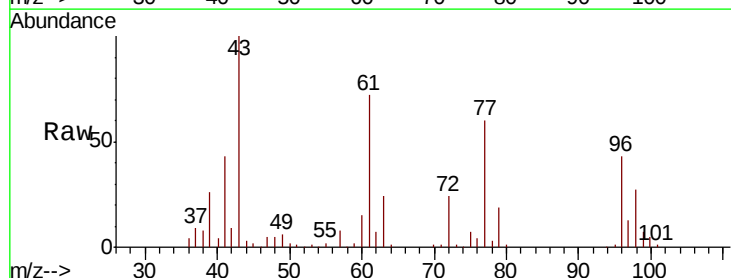
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

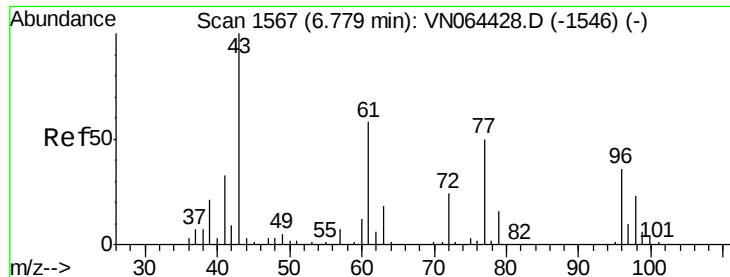
Tot Ion: 43 Resp: 243964  
Ion Ratio Lower Upper  
43 100  
72 24.0 18.5 27.7



#26  
2,2-Dichloropropane  
Concen: 17.332 ug/l  
RT: 6.78 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 77 Resp: 123388  
Ion Ratio Lower Upper  
77 100  
97 21.1 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.733 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

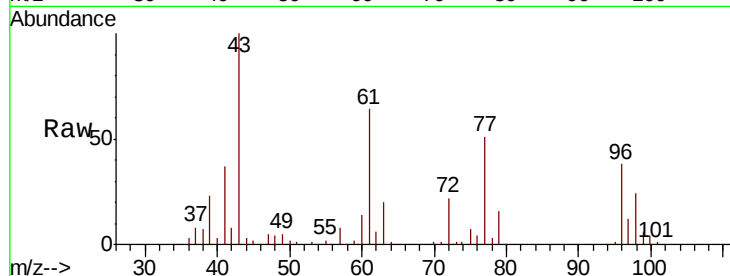
Tot Ion: 96 Resp: 80412

Ion Ratio Lower Upper

96 100

61 165.2 0.0 329.6

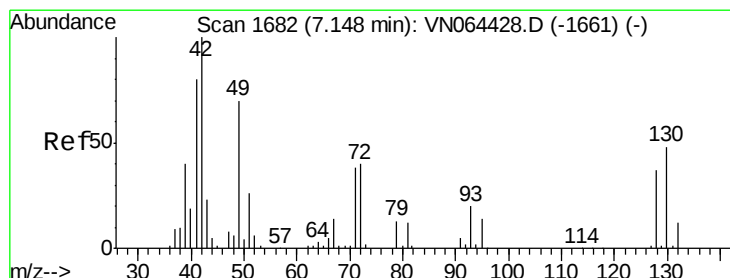
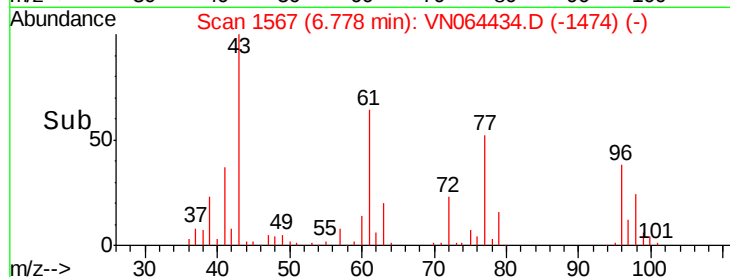
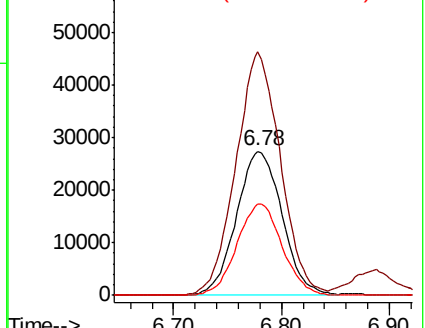
98 62.9 0.0 131.2



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: 18.513 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

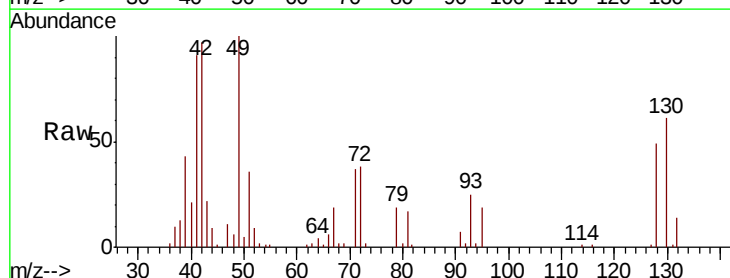
Tgt Ion: 49 Resp: 71566

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.6

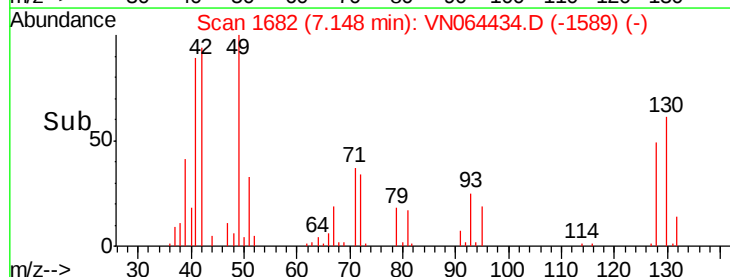
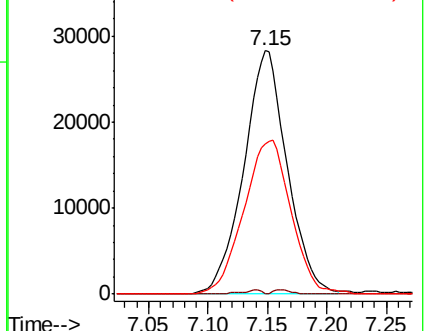
130 68.6 54.2 81.4



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

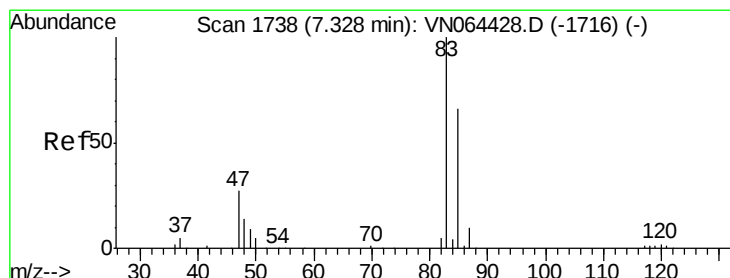
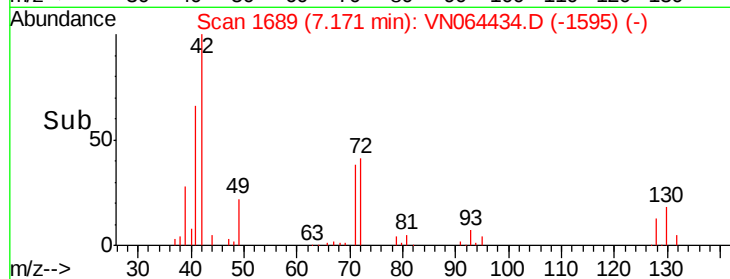
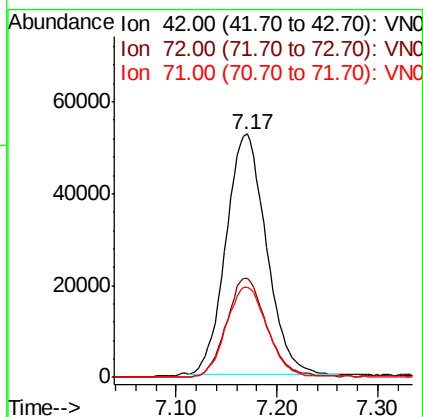
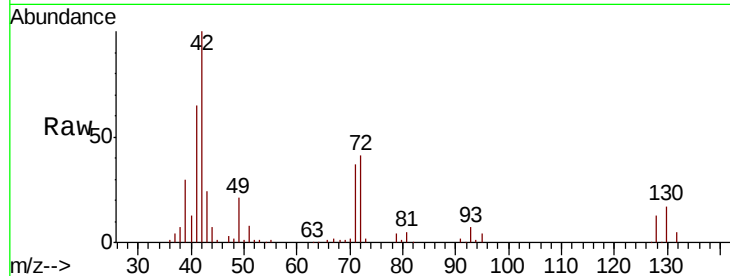




#29  
Tetrahydrofuran  
Concen: 87.421 ug/l  
RT: 7.17 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

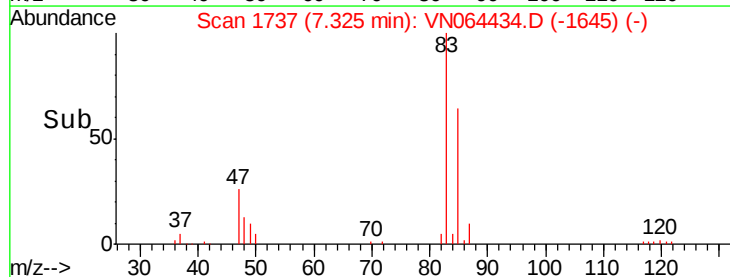
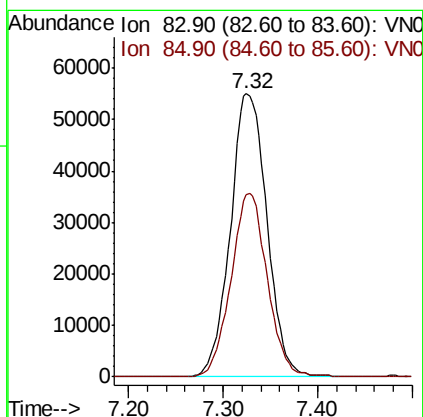
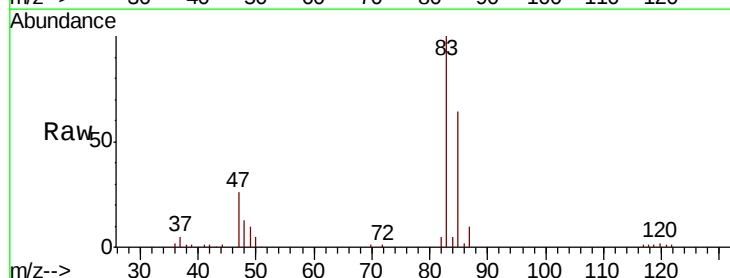
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1104WBS01

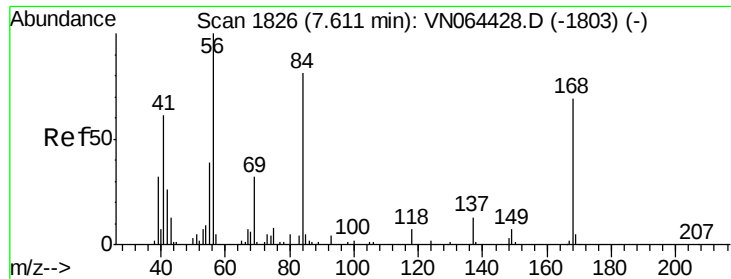
Tot Ion: 42 Resp: 146124  
Ion Ratio Lower Upper  
42 100  
72 41.2 31.7 47.5  
71 38.4 29.8 44.6



#30  
Chloroform  
Concen: 17.855 ug/l  
RT: 7.32 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 83 Resp: 147603  
Ion Ratio Lower Upper  
83 100  
85 64.4 52.5 78.7

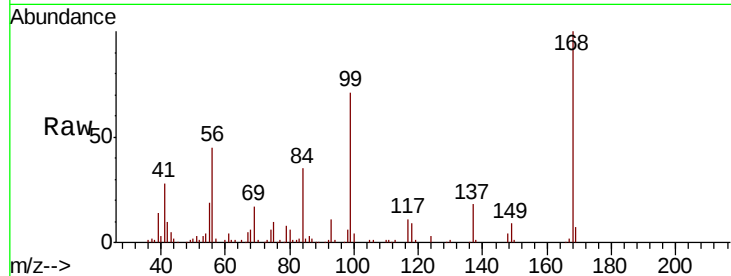




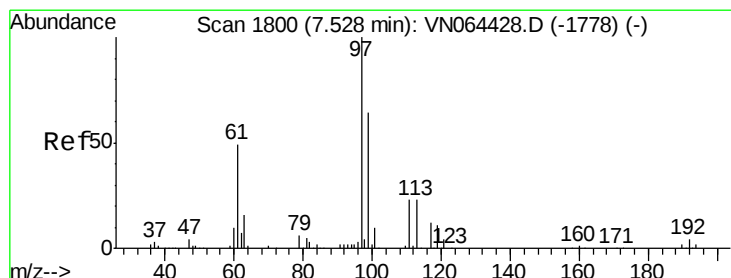
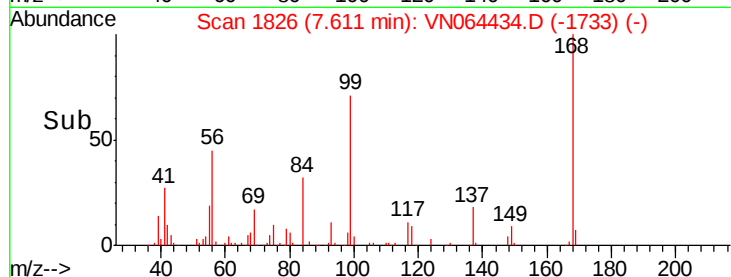
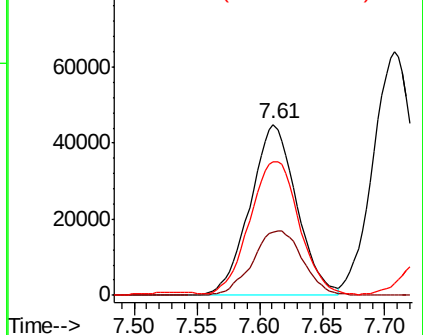
#31  
Cyclohexane  
Concen: 17.017 ug/l  
RT: 7.61 min Scan# 1826  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

Tot Ion: 56 Resp: 116116  
Ion Ratio Lower Upper  
56 100  
69 37.3 25.6 38.4  
84 76.4 63.0 94.6

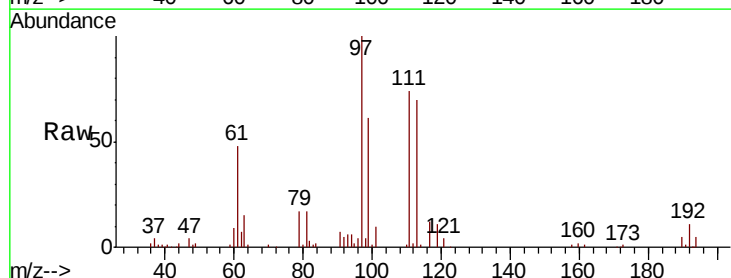


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

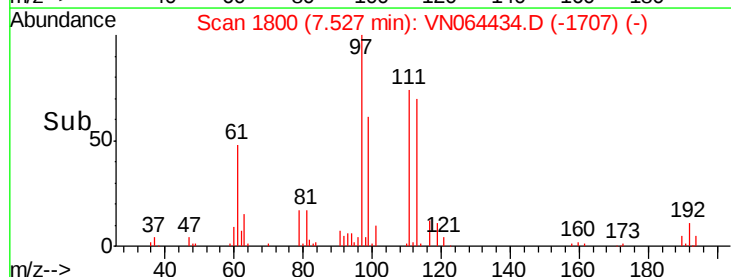
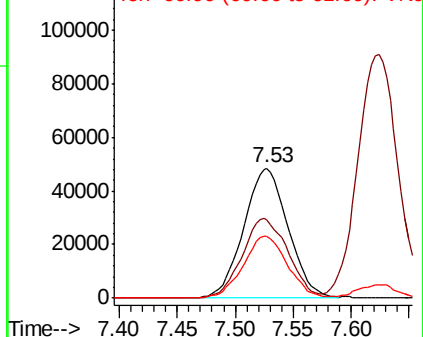


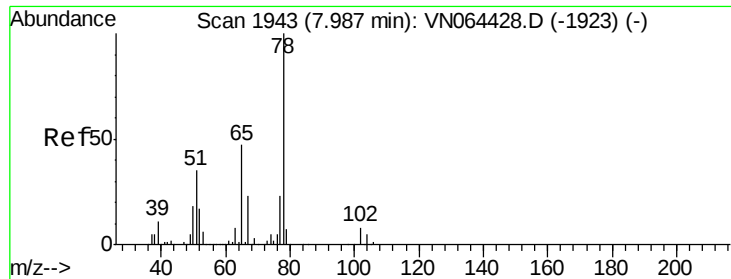
#32  
1,1,1-Trichloroethane  
Concen: 17.614 ug/l  
RT: 7.53 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 97 Resp: 129150  
Ion Ratio Lower Upper  
97 100  
99 62.9 51.3 76.9  
61 47.6 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0

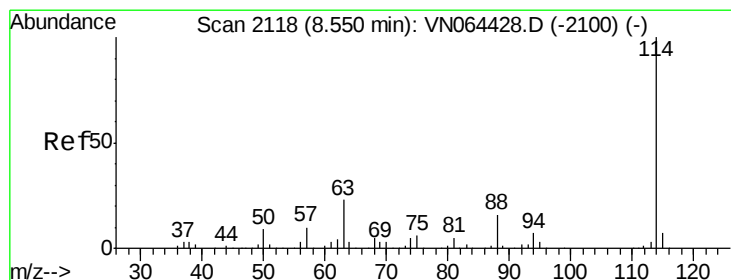
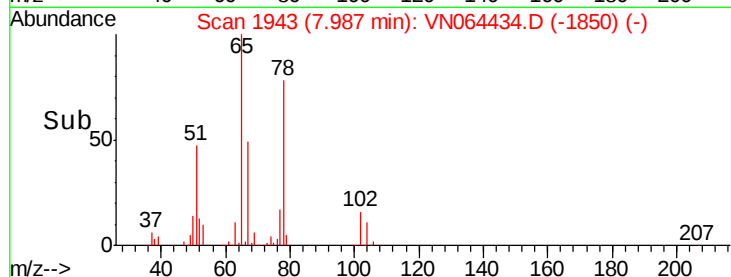
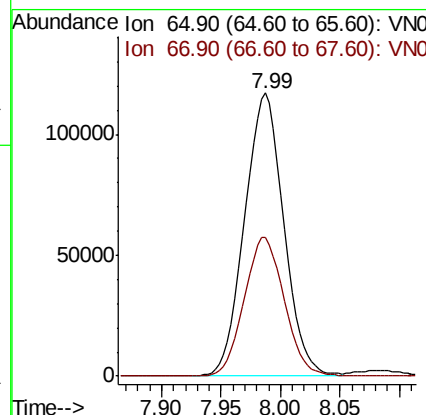
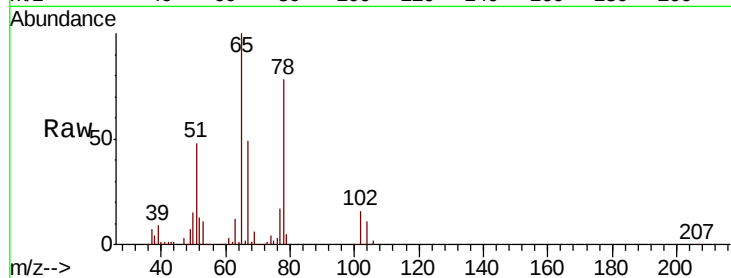




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.633 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

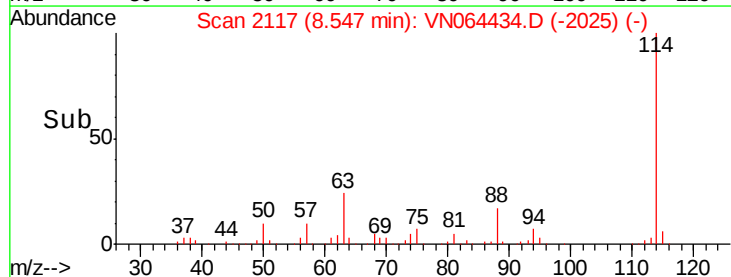
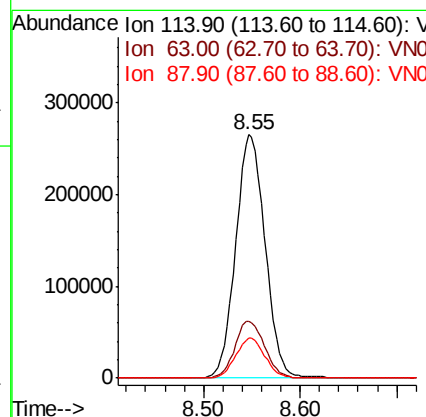
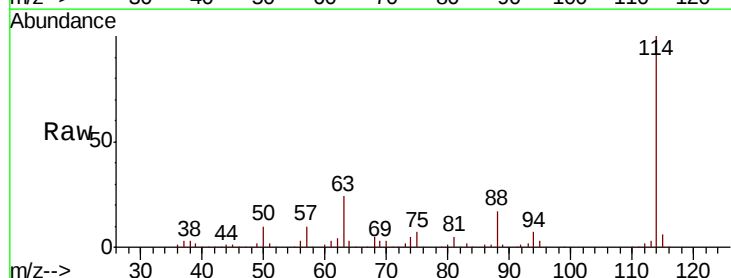
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

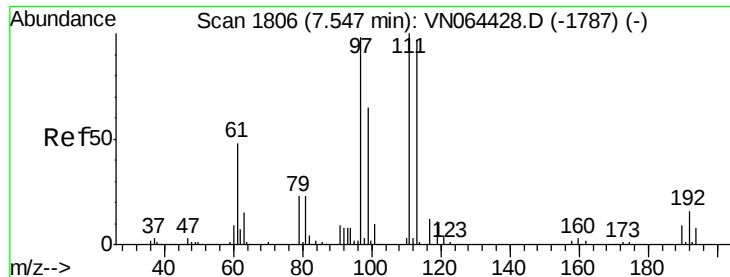
Tot Ion: 65 Resp: 267381  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion: 114 Resp: 561222  
 Ion Ratio Lower Upper  
 114 100  
 63 23.5 0.0 45.6  
 88 16.7 0.0 32.8

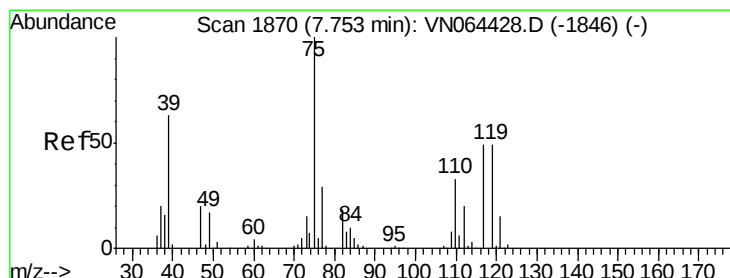
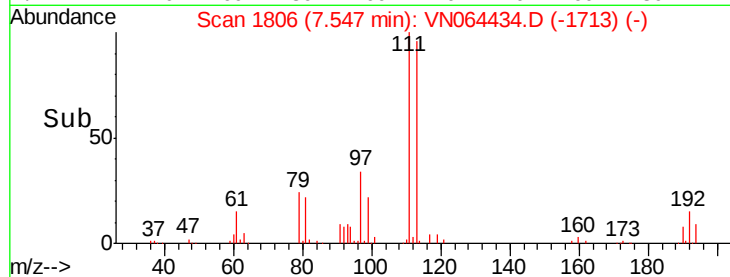
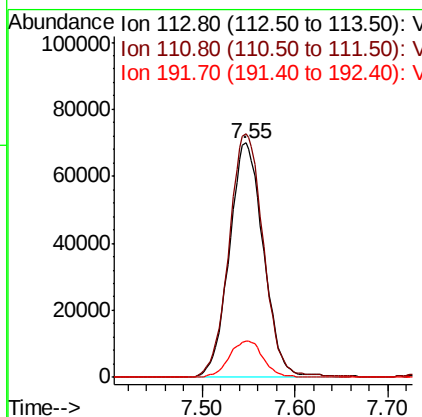
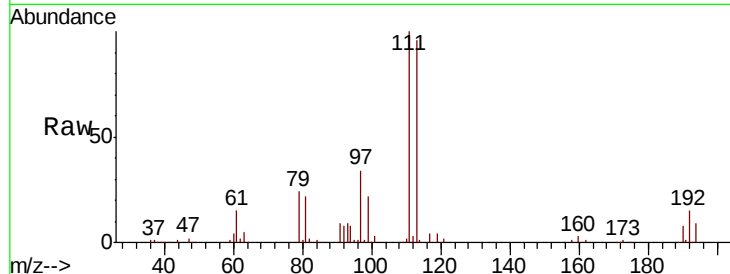




#35  
 Dibromofluoromethane  
 Concen: 46.852 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

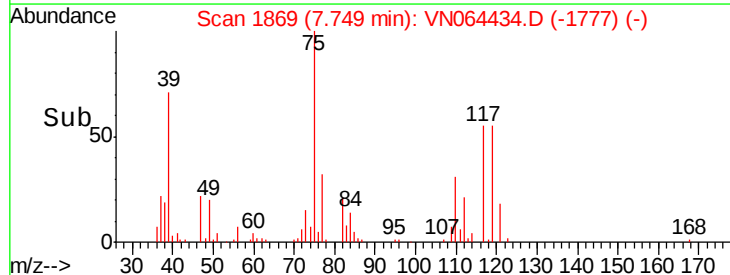
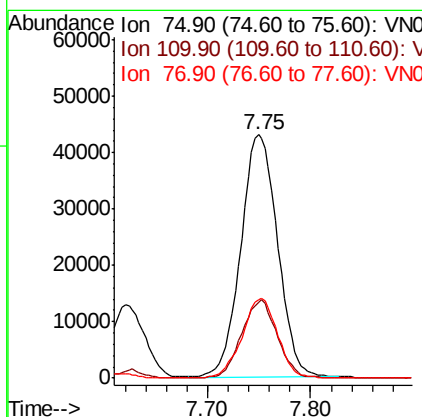
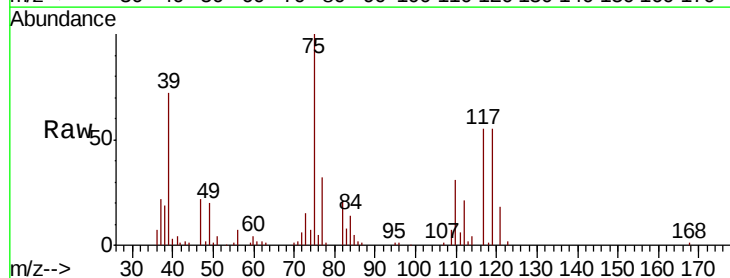
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

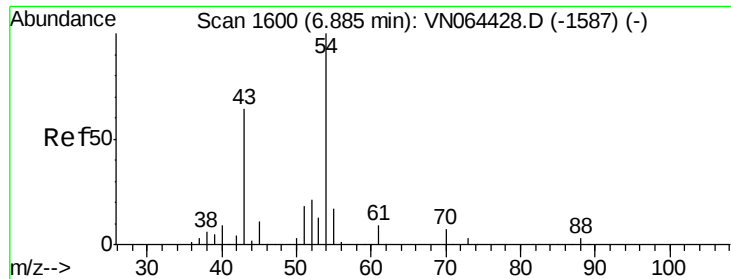
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 105.2 | 81.1  | 121.7 |
| 192     | 15.5  | 12.8  | 19.2  |



#36  
 1,1-Dichloropropene  
 Concen: 18.018 ug/l  
 RT: 7.75 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 31.2  | 16.0  | 48.0  |
| 77      | 31.6  | 24.0  | 36.0  |

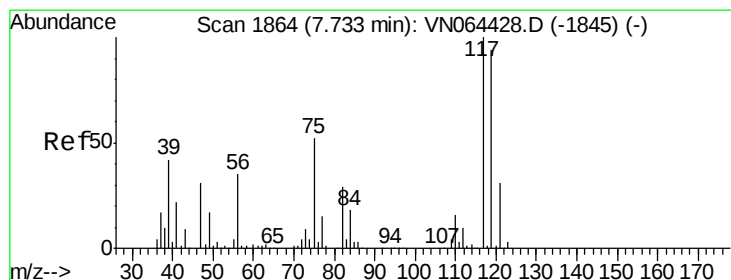
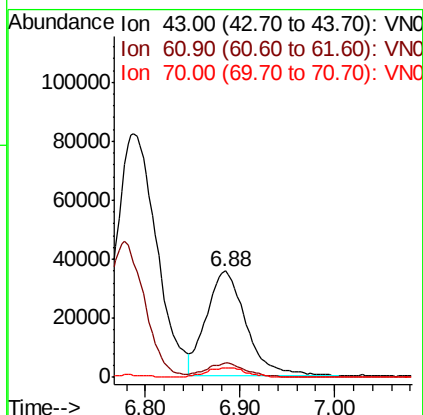
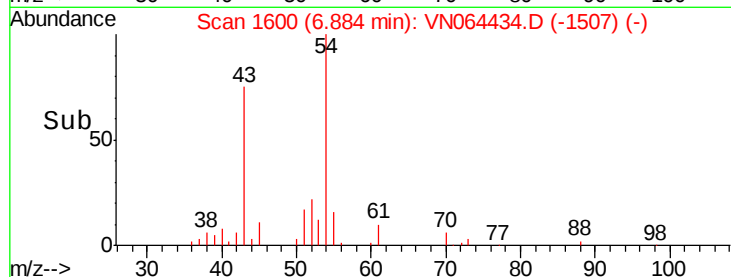
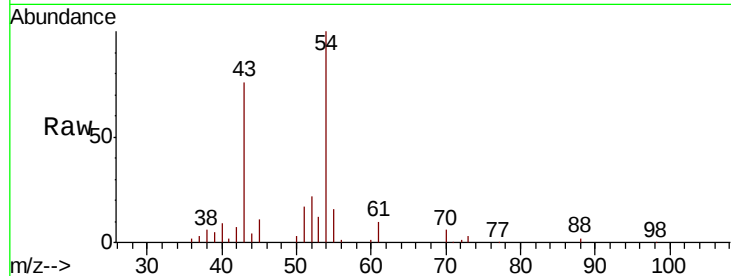




#37  
Ethyl Acetate  
Concen: 17.775 ug/l  
RT: 6.88 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

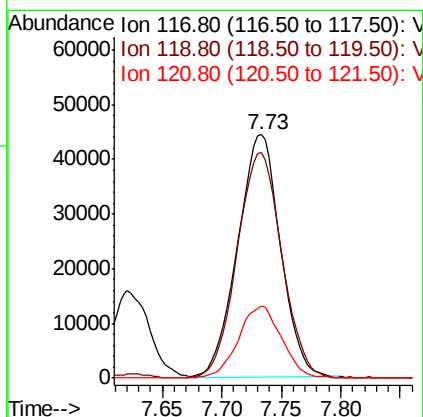
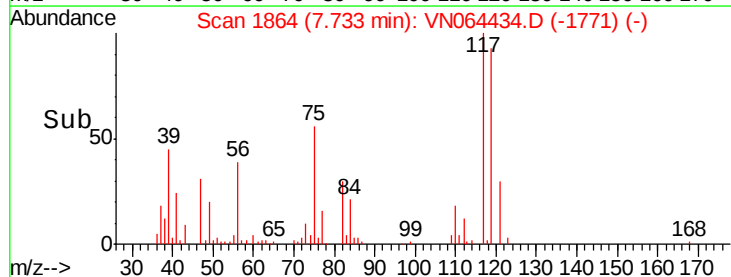
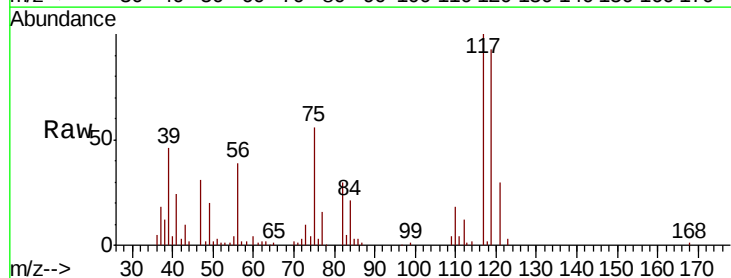
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

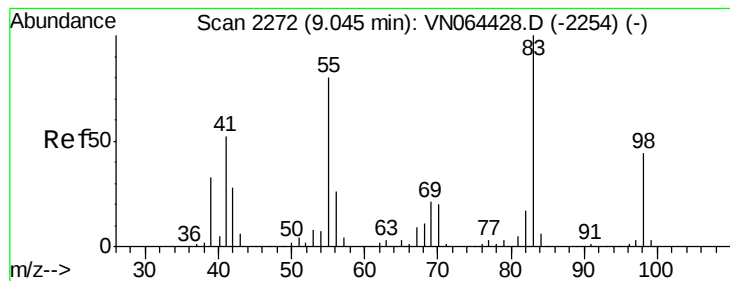
Tot Ion: 43 Resp: 103959  
Ion Ratio Lower Upper  
43 100  
61 13.8 10.0 15.0  
70 9.4 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 17.434 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 117 Resp: 110468  
Ion Ratio Lower Upper  
117 100  
119 92.7 75.5 113.3  
121 29.7 24.4 36.6





#39

Methvlcvclohexane

Concen: 17.487 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

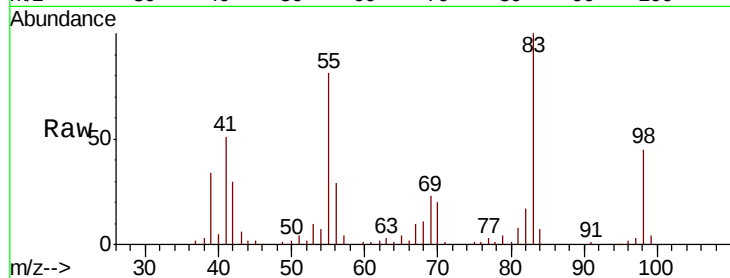
Tot Ion: 83 Resp: 92939

Ion Ratio Lower Upper

83 100

55 81.4 63.8 95.6

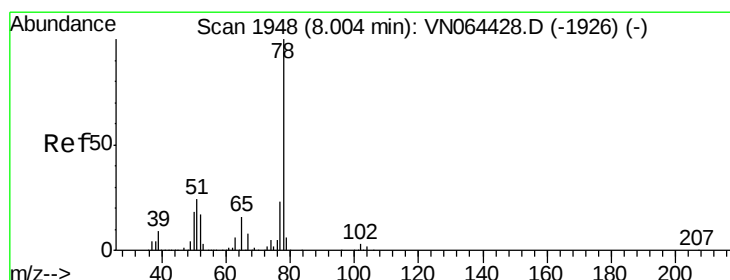
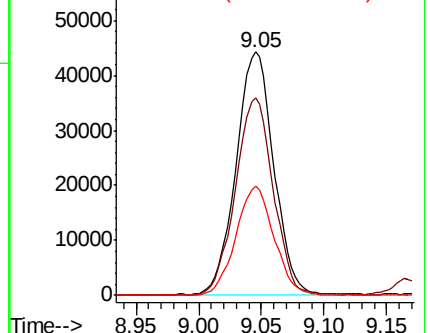
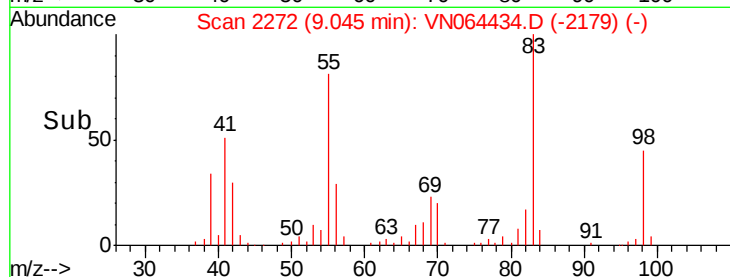
98 45.1 35.4 53.2



Abundance Ion 83.00 (82.70 to 83.70): VN064434.D (-2179) (-)

Ion 55.00 (54.70 to 55.70): VN064434.D (-2179) (-)

Ion 98.00 (97.70 to 98.70): VN064434.D (-2179) (-)



#40

Benzene

Concen: 17.698 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064434.D

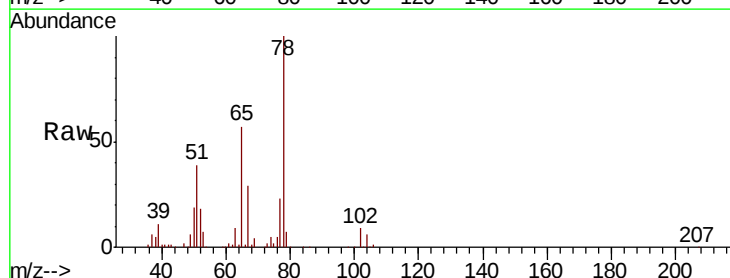
Acq: 4 Nov 2020 14:18

Tgt Ion: 78 Resp: 308342

Ion Ratio Lower Upper

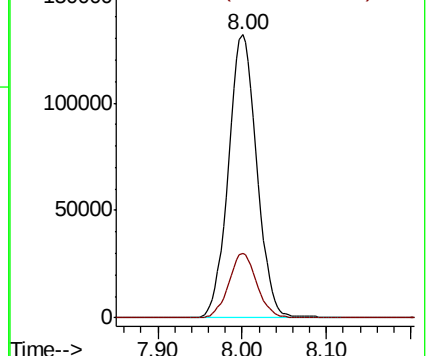
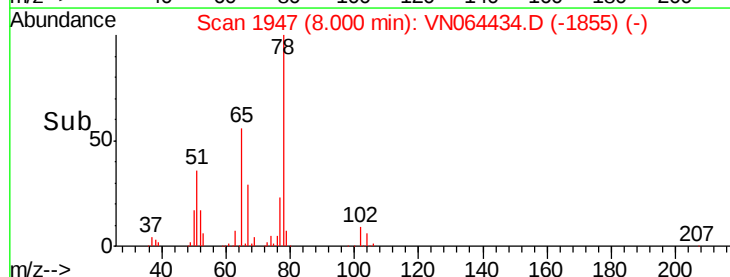
78 100

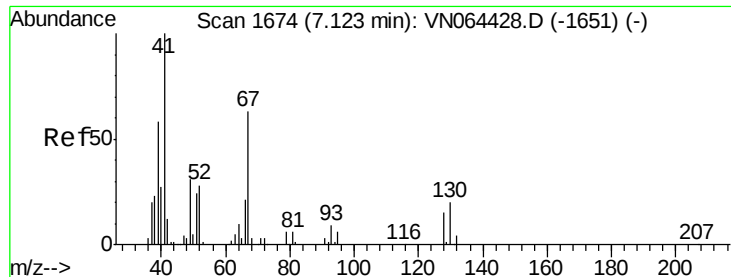
77 22.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN064434.D (-1855) (-)

Ion 77.00 (76.70 to 77.70): VN064434.D (-1855) (-)

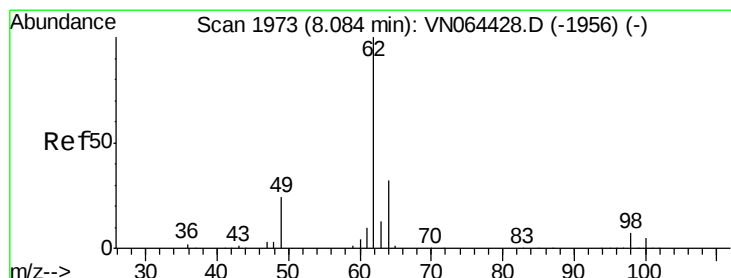
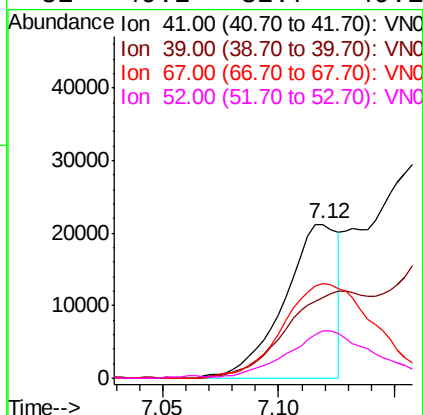
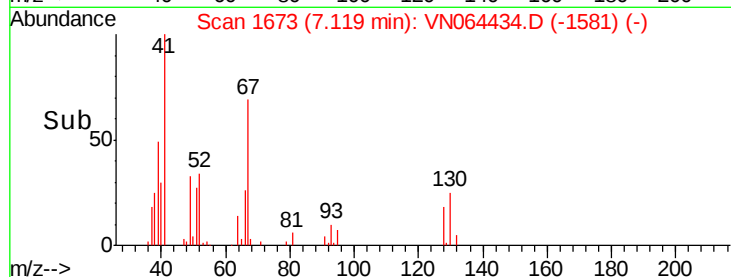
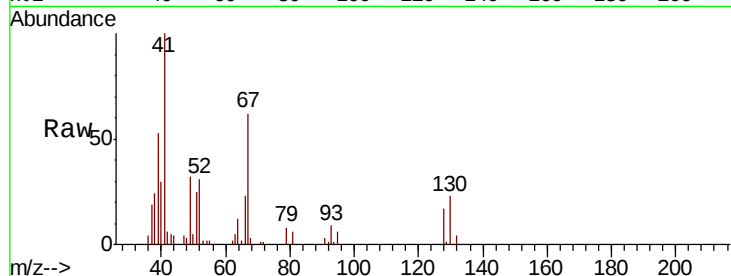




#41  
Methacrylonitrile  
Concen: 13.015 ug/l  
RT: 7.12 min Scan# 1673  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

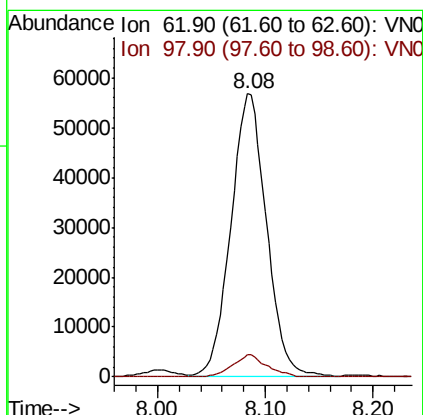
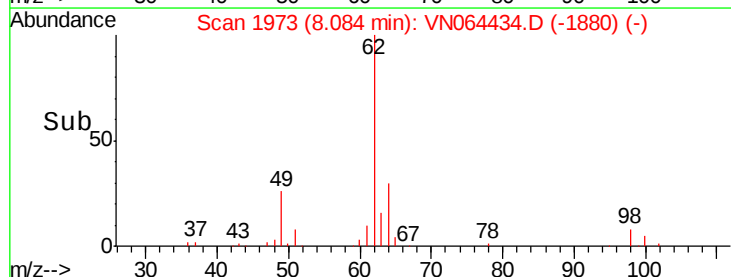
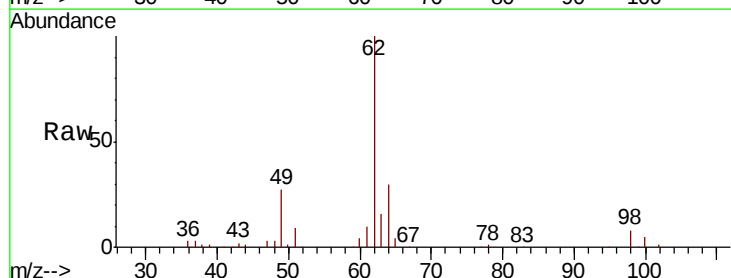
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

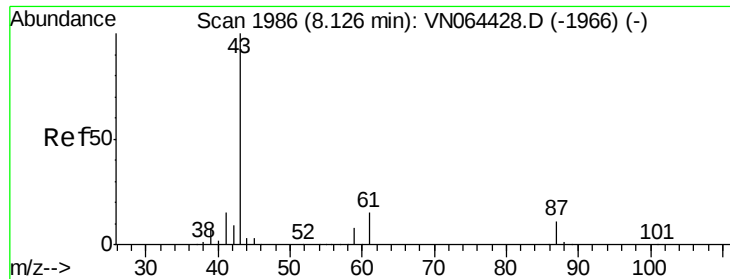
Tot Ion: 41 Resp: 34211  
Ion Ratio Lower Upper  
41 100  
39 89.0 50.0 75.0#  
67 107.9 68.3 102.5#  
52 49.2 32.7 49.1#



#42  
1,2-Dichloroethane  
Concen: 18.521 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 62 Resp: 130217  
Ion Ratio Lower Upper  
62 100  
98 7.5 0.0 14.0





#43

Isopropyl Acetate

Concen: 17.932 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

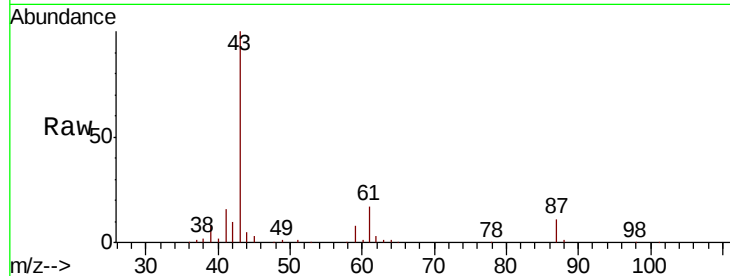
Tot Ion: 43 Resp: 172301

Ion Ratio Lower Upper

43 100

61 18.3 14.0 21.0

87 11.2 9.1 13.7

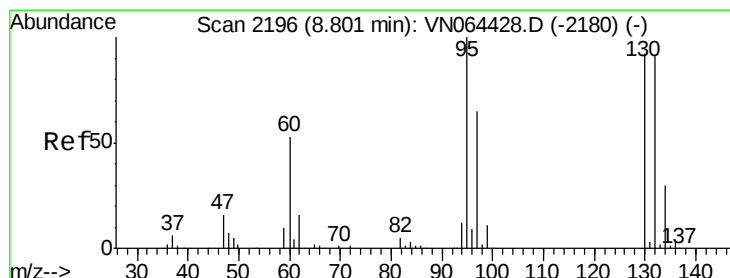
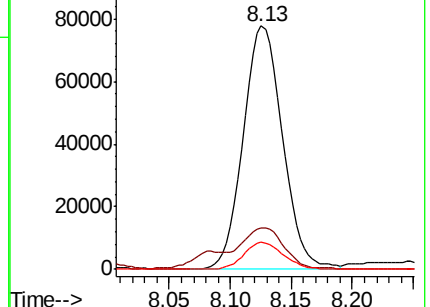
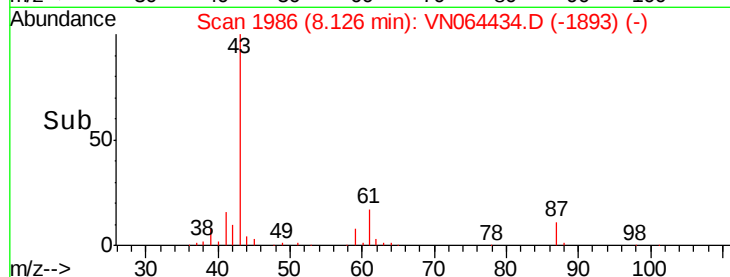


Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)

8.13



#44

Trichloroethene

Concen: 17.637 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064434.D

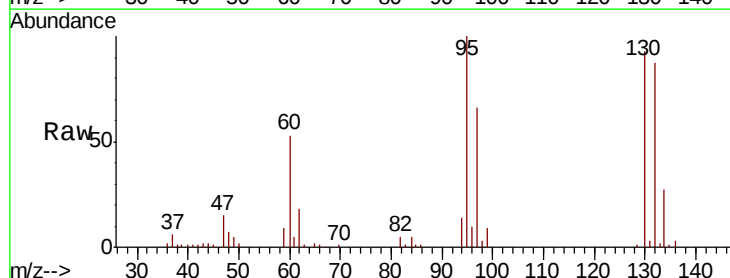
Acq: 4 Nov 2020 14:18

Tgt Ion:130 Resp: 77527

Ion Ratio Lower Upper

130 100

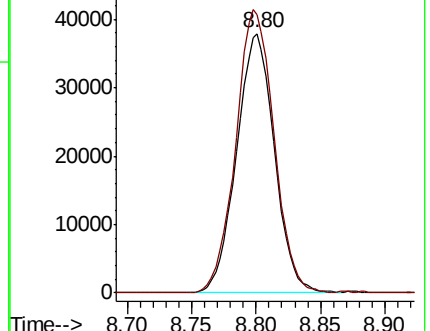
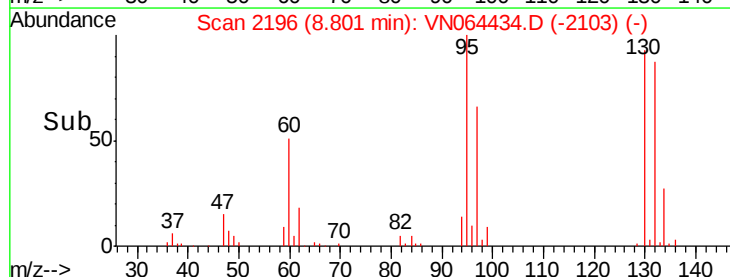
95 107.6 0.0 216.8

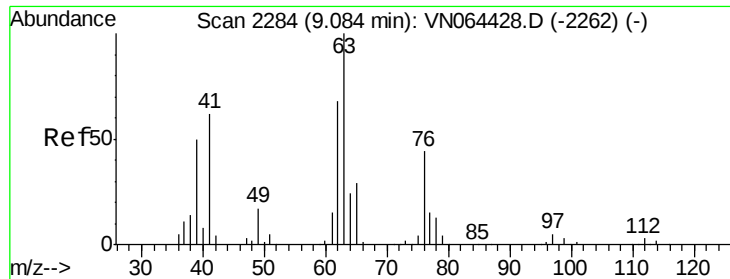


Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

8.80

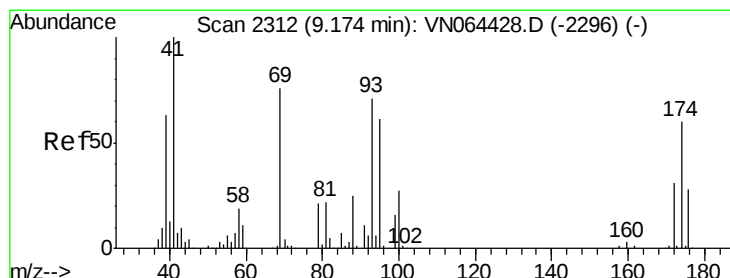
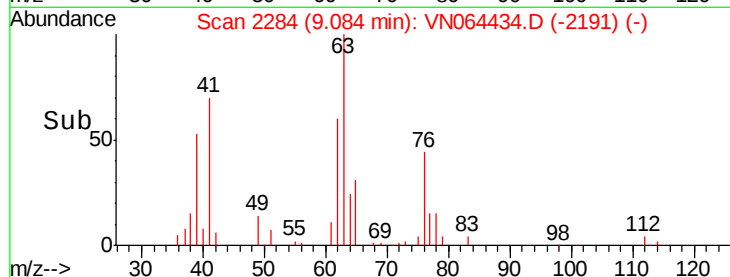
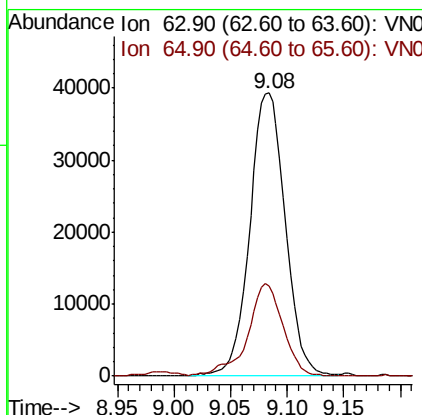
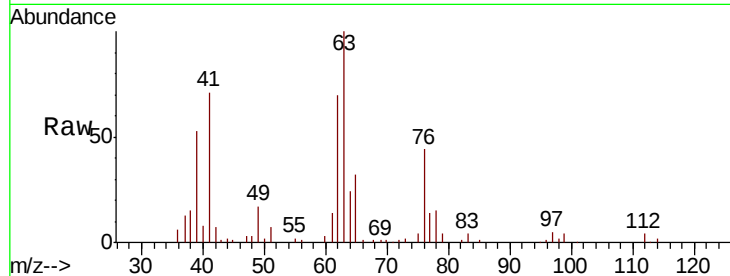




#45  
 1,2-Dichloropropane  
 Concen: 18.437 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

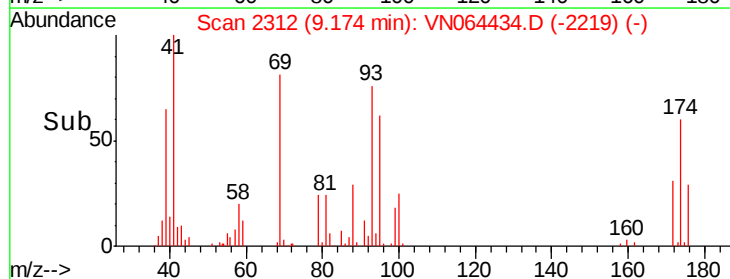
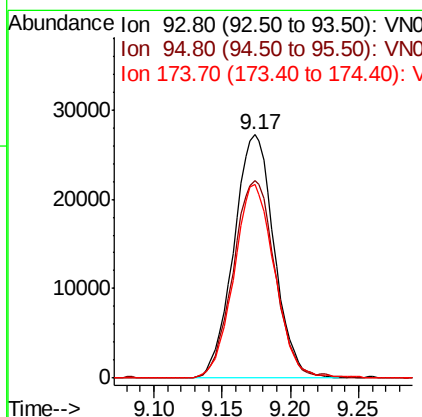
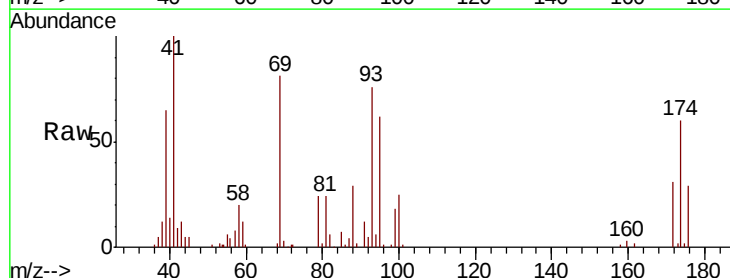
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

Tot Ion: 63 Resp: 85706  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 23.6 35.4



#46  
 Dibromomethane  
 Concen: 18.264 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion: 93 Resp: 55892  
 Ion Ratio Lower Upper  
 93 100  
 95 83.6 66.4 99.6  
 174 80.4 67.2 100.8





#47

Bromodichloromethane

Concen: 17.775 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

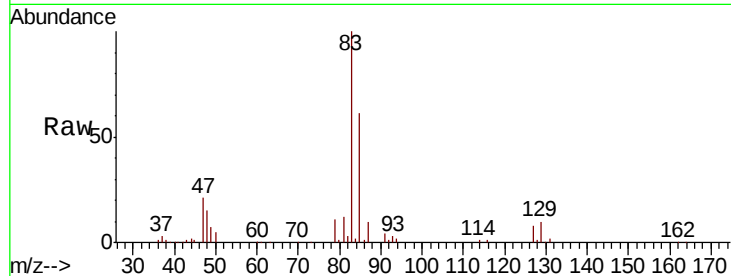
Tot Ion: 83 Resp: 116957

Ion Ratio Lower Upper

83 100

85 60.7 51.2 76.8

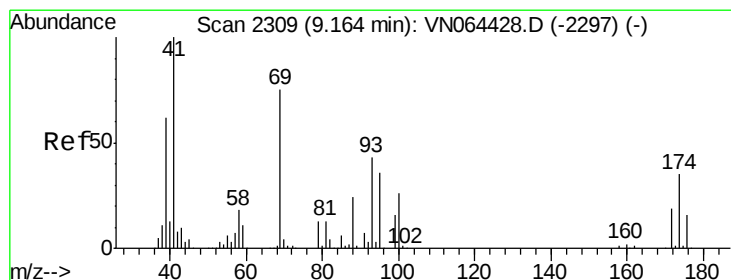
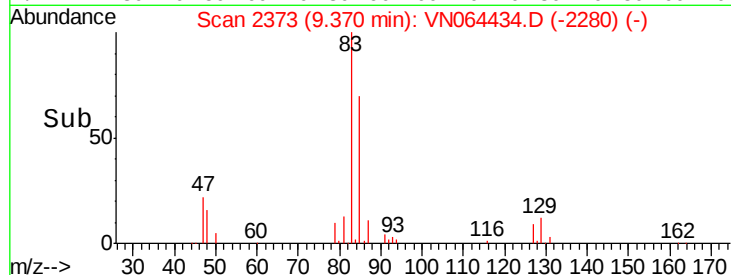
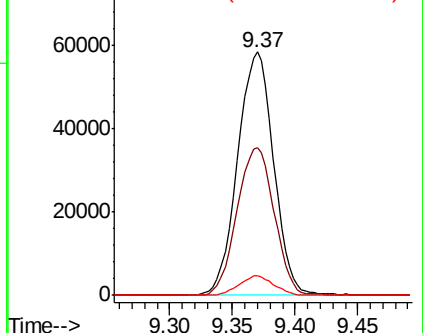
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)



#48

Methyl methacrylate

Concen: 17.218 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

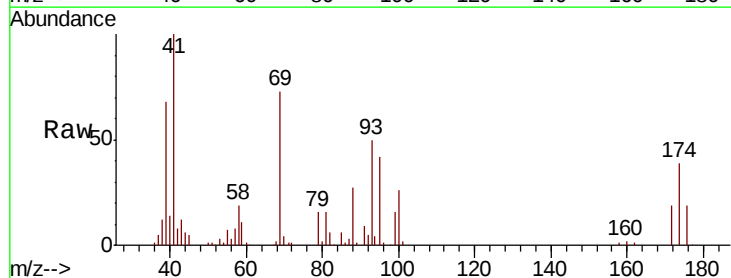
Tgt Ion: 41 Resp: 83478

Ion Ratio Lower Upper

41 100

69 77.9 60.4 90.6

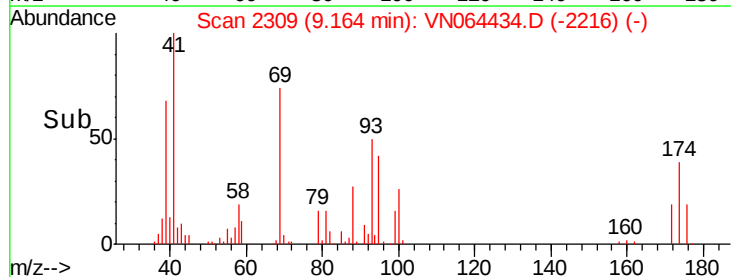
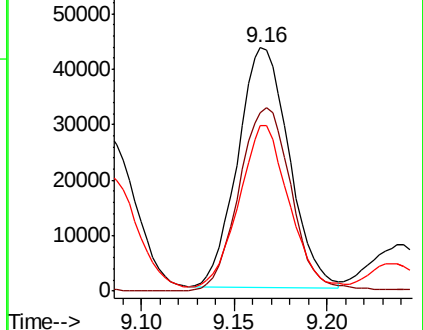
39 66.9 51.2 76.8

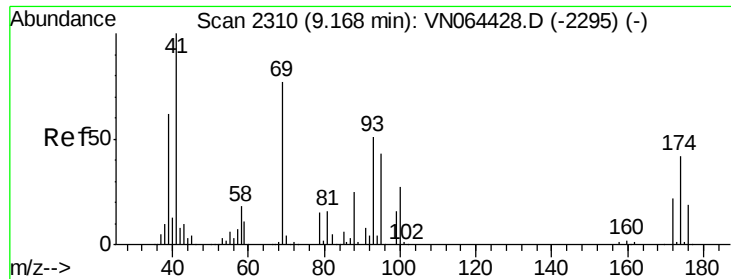


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)

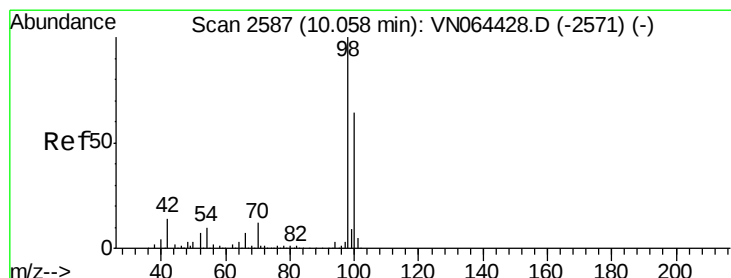
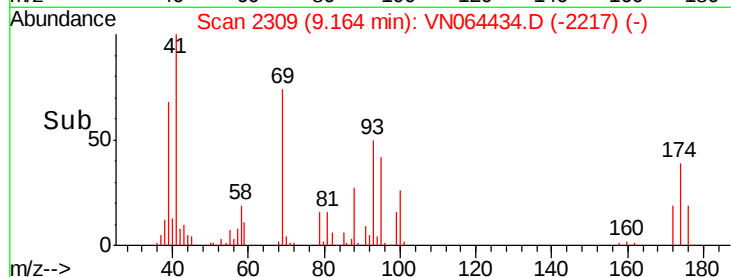
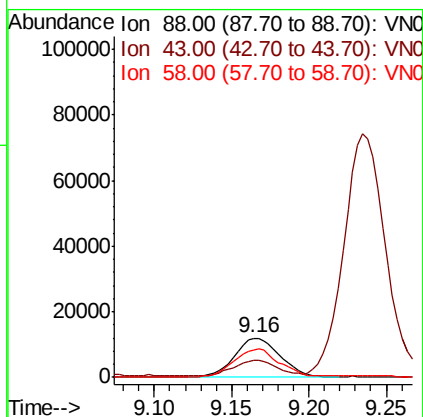
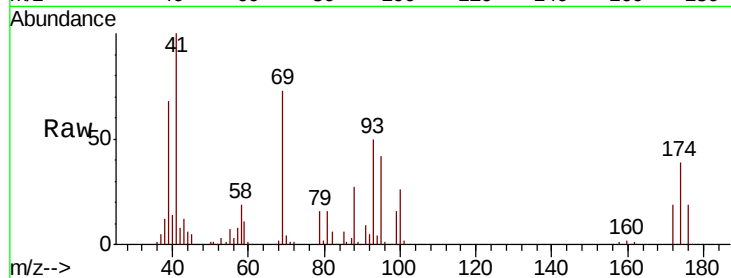




#49  
1,4-Dioxane  
Concen: 385.139 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

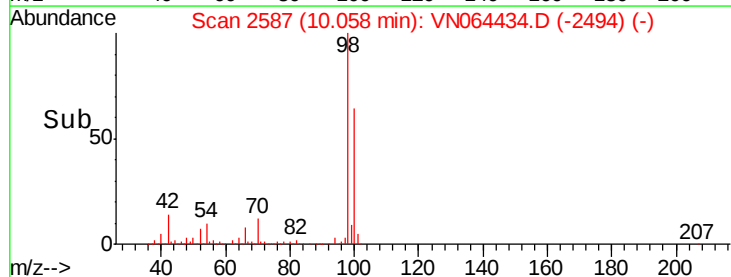
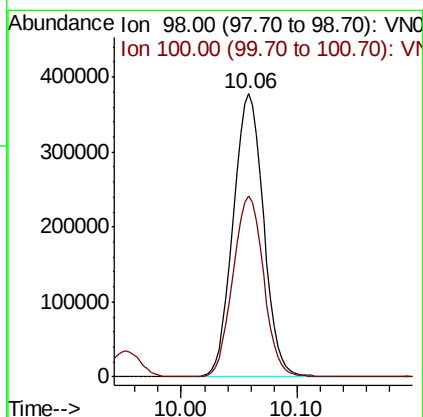
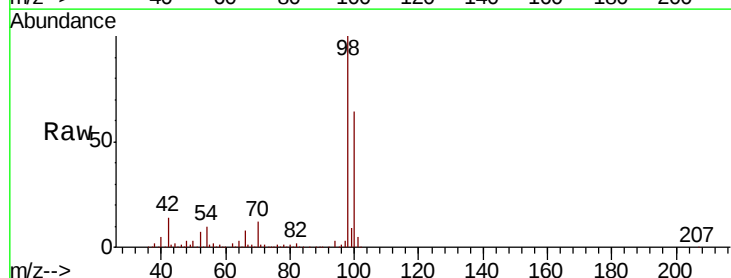
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

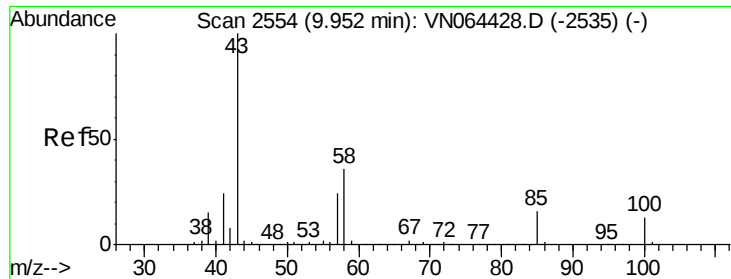
Tot Ion: 88 Resp: 24595  
Ion Ratio Lower Upper  
88 100  
43 37.4 31.0 46.6  
58 72.5 58.4 87.6



#50  
Toluene-d8  
Concen: 46.337 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 98 Resp: 684335  
Ion Ratio Lower Upper  
98 100  
100 64.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 92.290 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

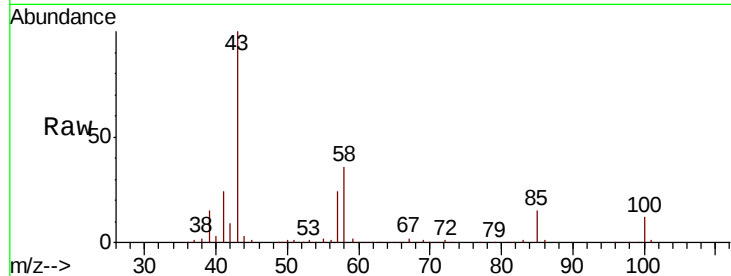
VN1104WBS01

Tot Ion: 43 Resp: 517128

Ion Ratio Lower Upper

43 100

58 36.0 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

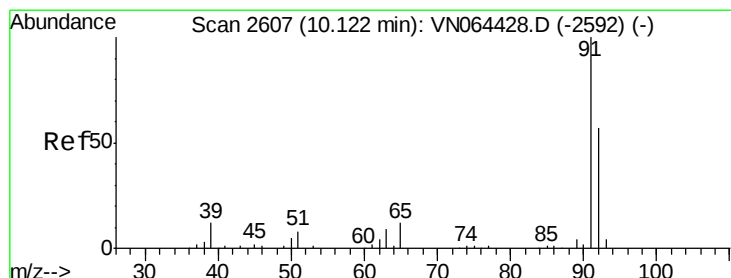
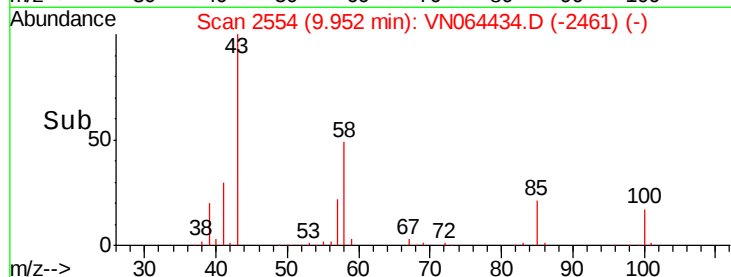
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.505 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064434.D

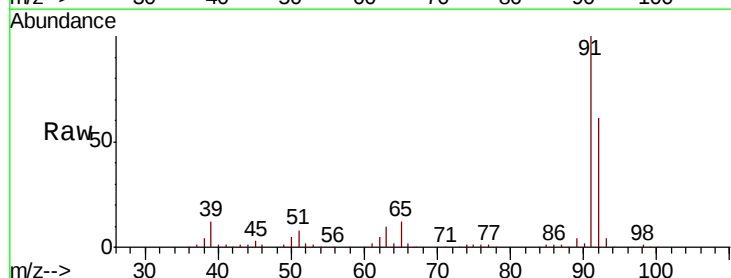
Acq: 4 Nov 2020 14:18

Tgt Ion: 92 Resp: 196639

Ion Ratio Lower Upper

92 100

91 169.1 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.12

200000

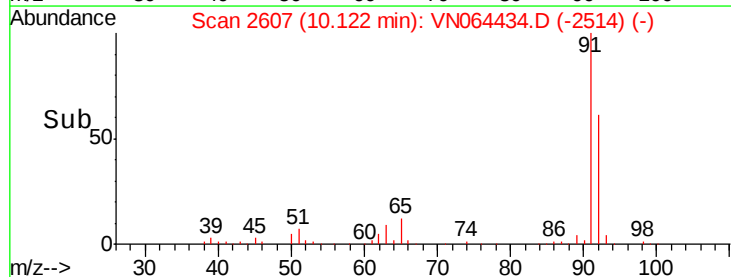
150000

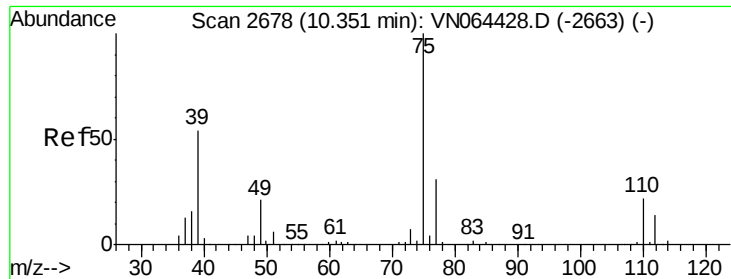
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.586 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

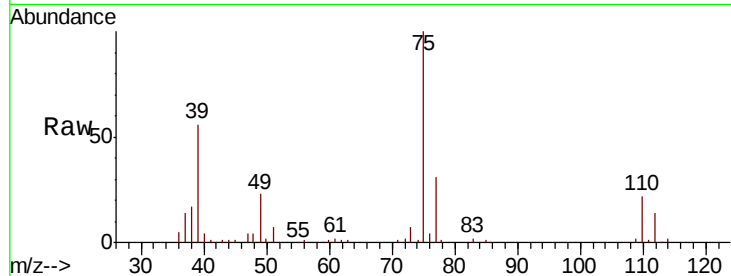
VN1104WBS01

Tot Ion: 75 Resp: 122680

Ion Ratio Lower Upper

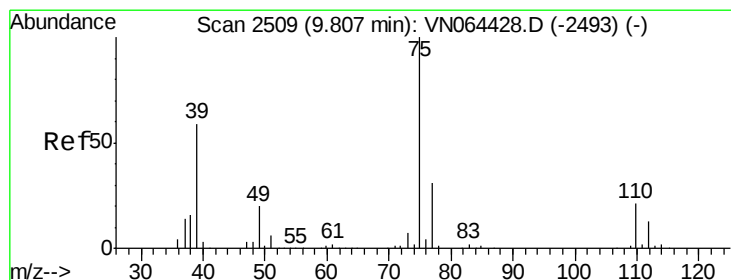
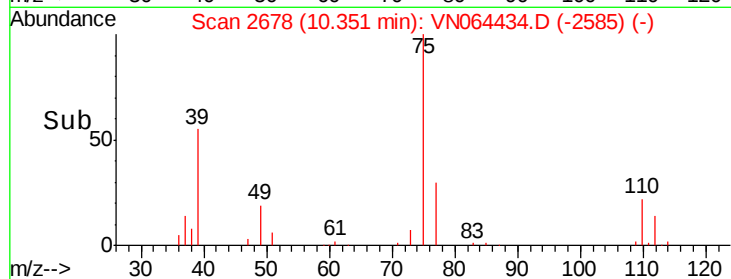
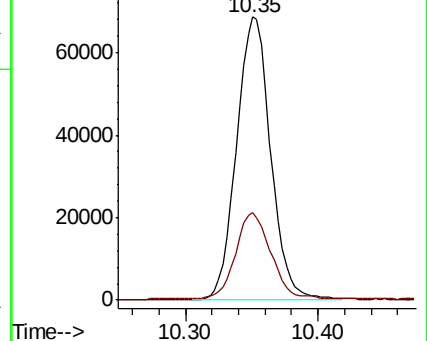
75 100

77 30.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.690 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

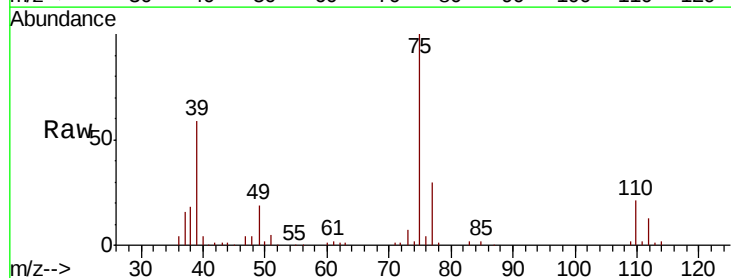
Tgt Ion: 75 Resp: 131943

Ion Ratio Lower Upper

75 100

77 30.2 24.9 37.3

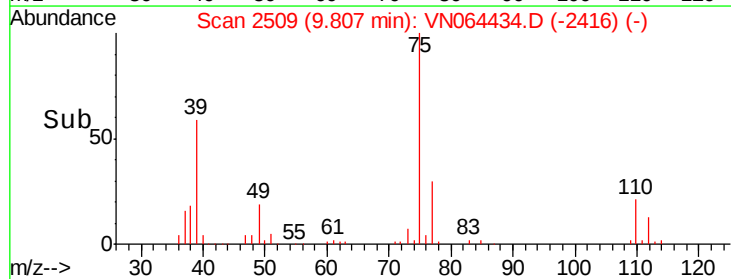
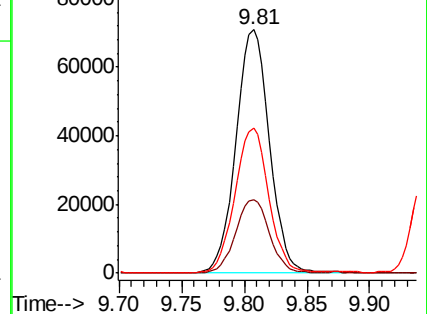
39 59.1 47.1 70.7

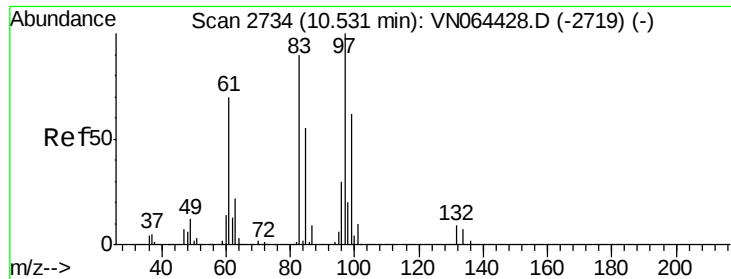


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

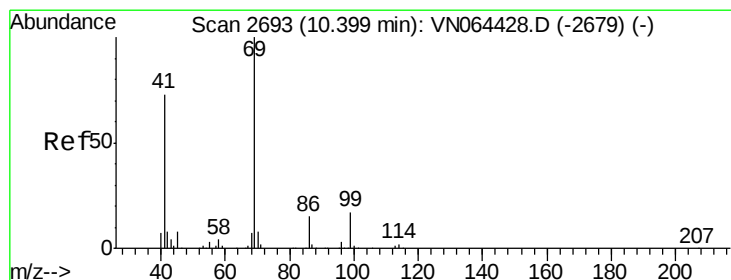
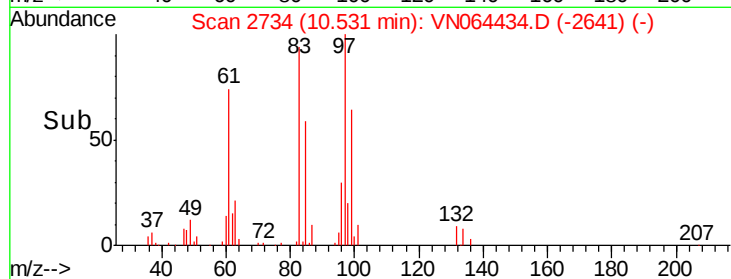
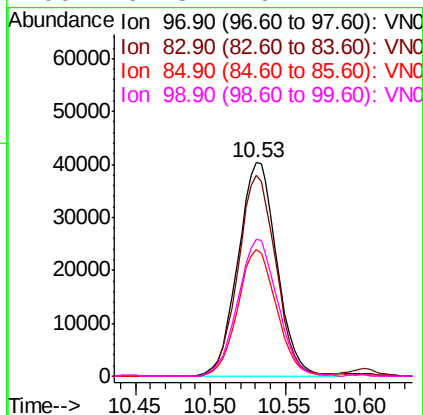
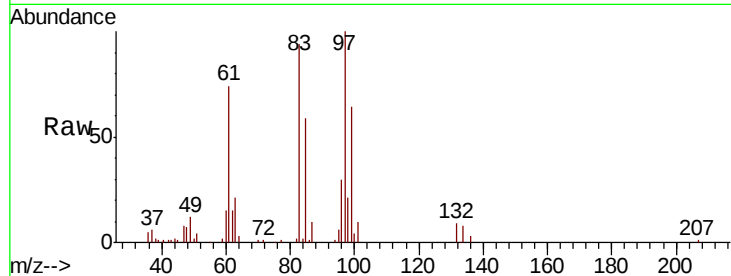




#55  
 1,1,2-Trichloroethane  
 Concen: 17.648 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

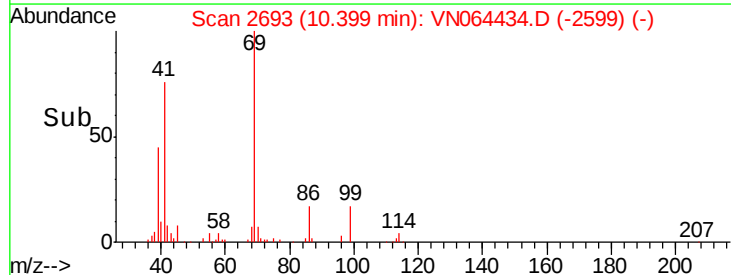
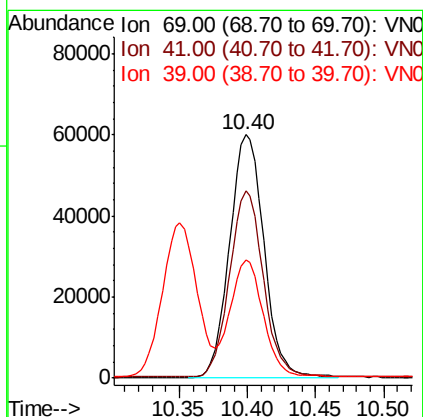
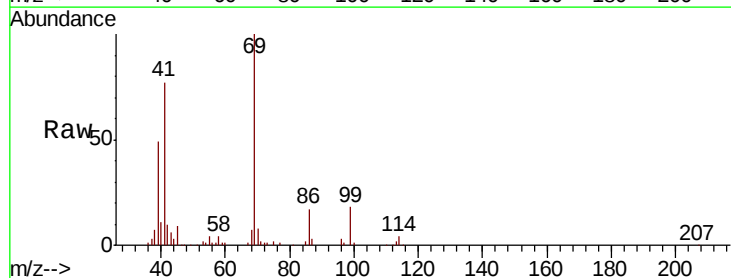
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

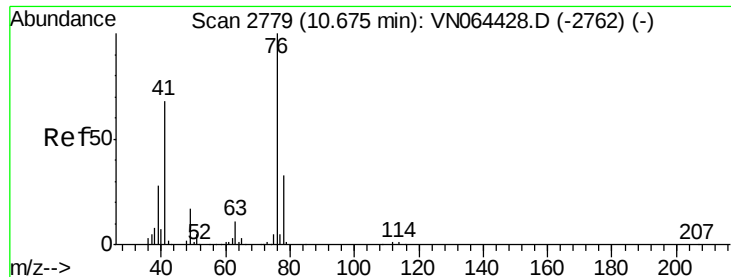
Tot Ion: 97 Resp: 73134  
 Ion Ratio Lower Upper  
 97 100  
 83 94.1 71.7 107.5  
 85 59.2 44.3 66.5  
 99 64.3 49.4 74.2



#56  
 Ethyl methacrylate  
 Concen: 16.765 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion: 69 Resp: 105647  
 Ion Ratio Lower Upper  
 69 100  
 41 74.4 59.3 88.9  
 39 46.7 35.4 53.0





#57

1,3-Dichloropropane

Concen: 18.039 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

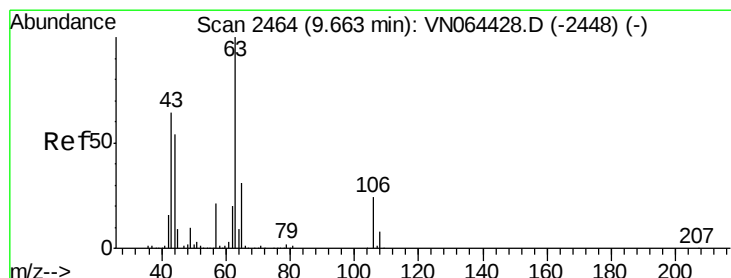
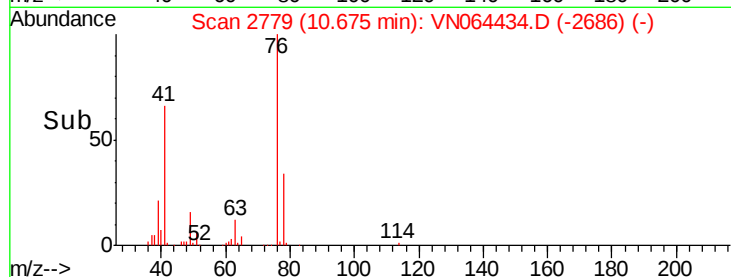
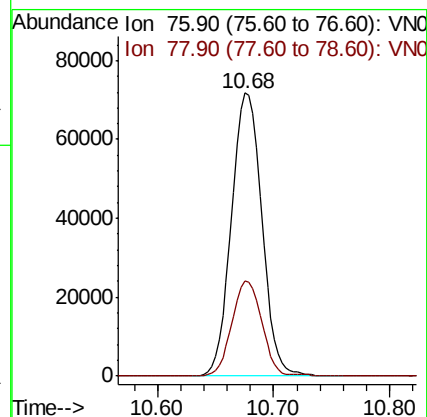
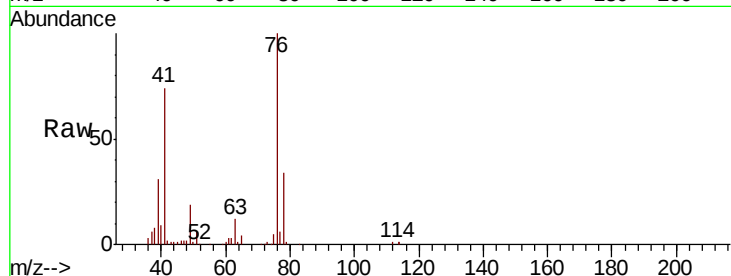
VN1104WBS01

Tot Ion: 76 Resp: 130482

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.259 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064434.D

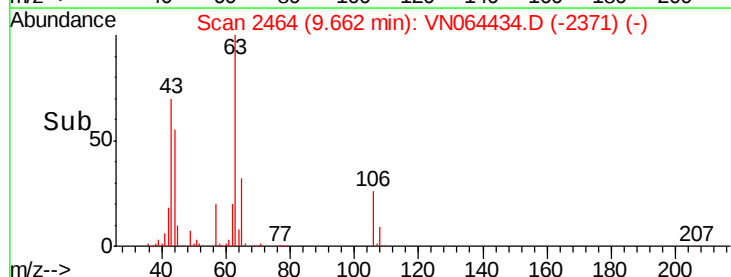
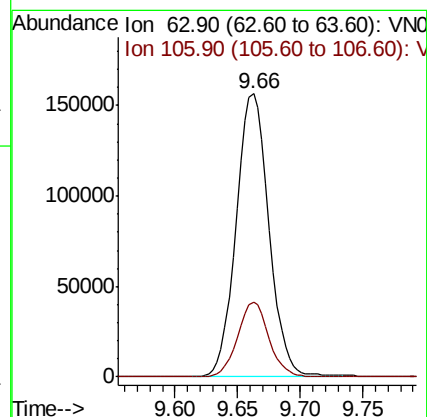
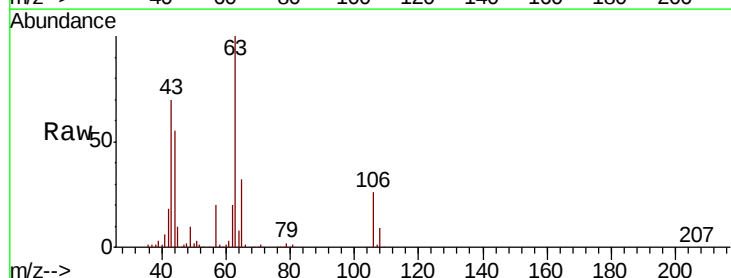
Acq: 4 Nov 2020 14:18

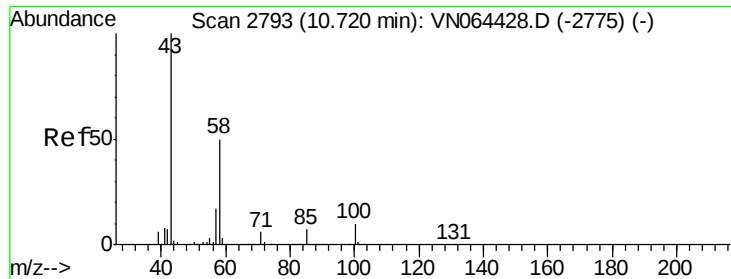
Tgt Ion: 63 Resp: 284580

Ion Ratio Lower Upper

63 100

106 25.3 19.5 29.3

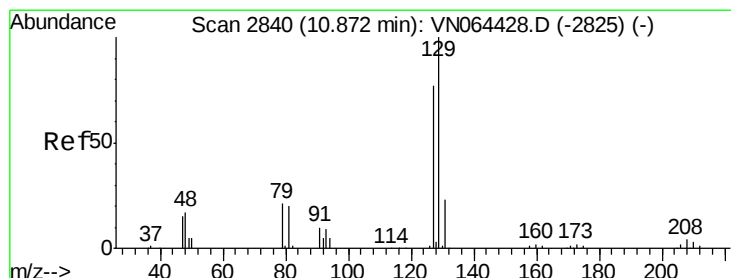
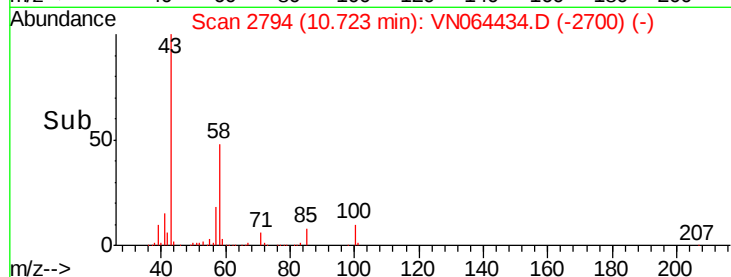
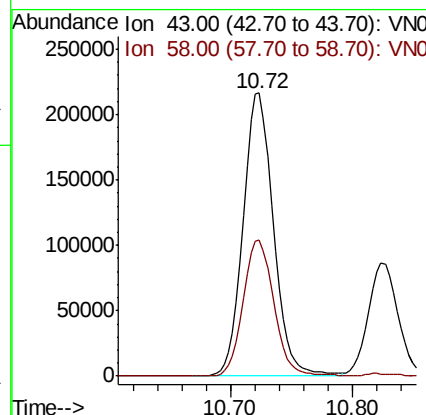
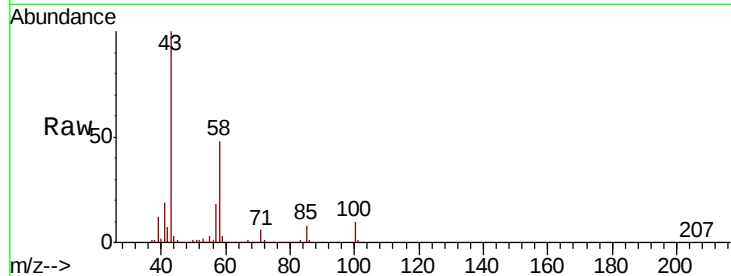




#59  
2-Hexanone  
Concen: 83.720 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

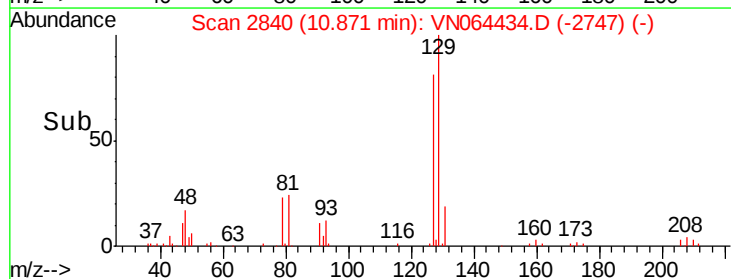
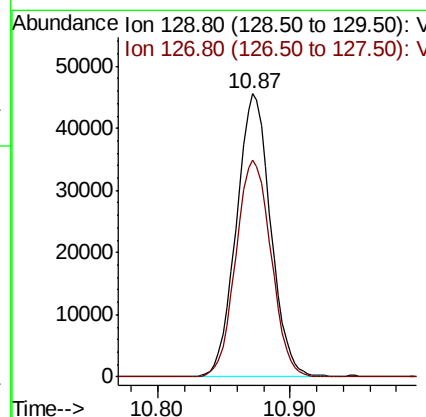
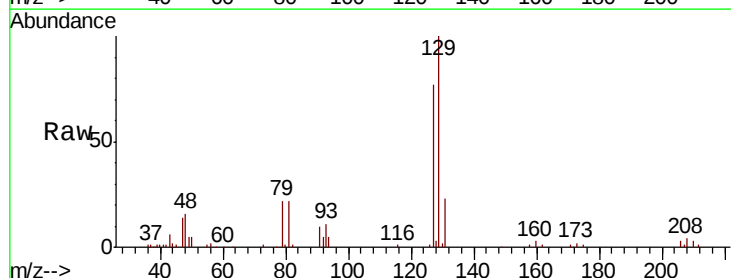
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

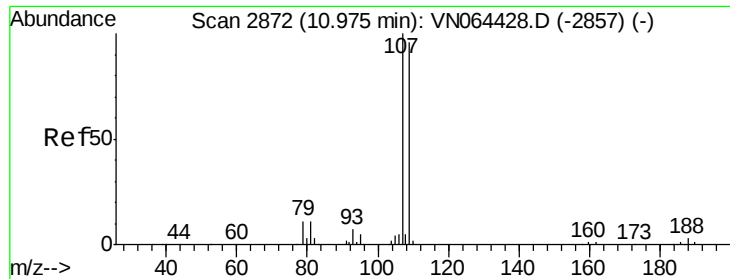
Tot Ion: 43 Resp: 370088  
Ion Ratio Lower Upper  
43 100  
58 48.9 24.7 74.1



#60  
Dibromochloromethane  
Concen: 17.619 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 129 Resp: 81750  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.9 116.7

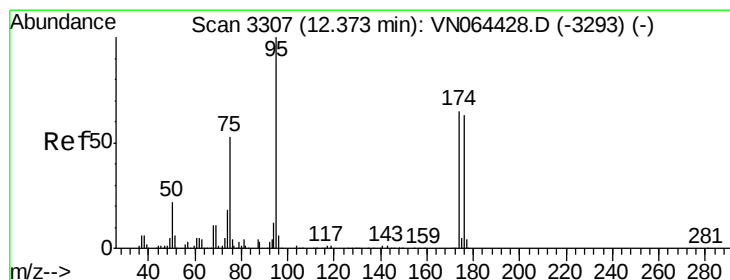
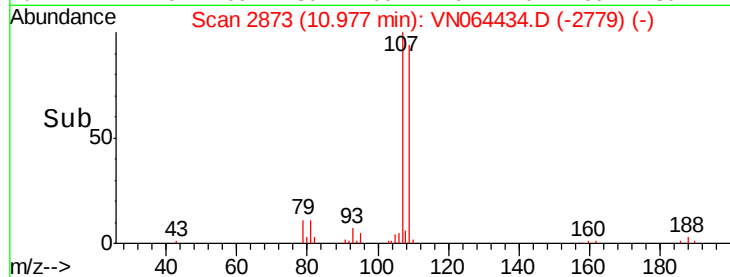
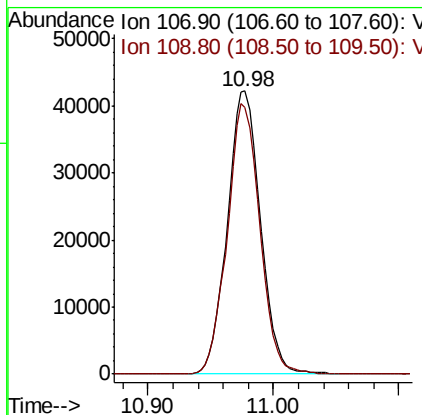
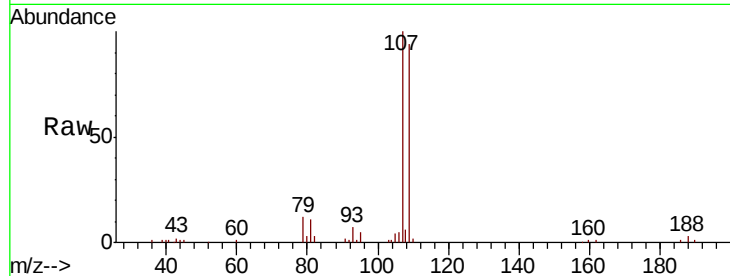




#61  
 1,2-Dibromoethane  
 Concen: 18.422 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

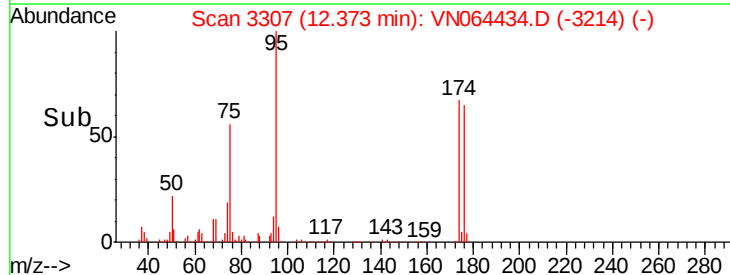
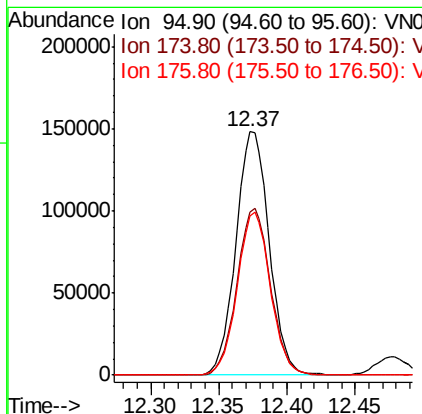
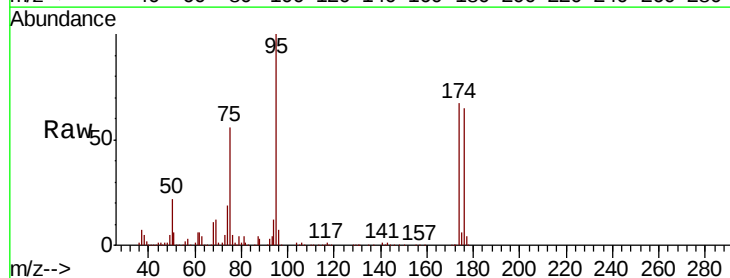
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

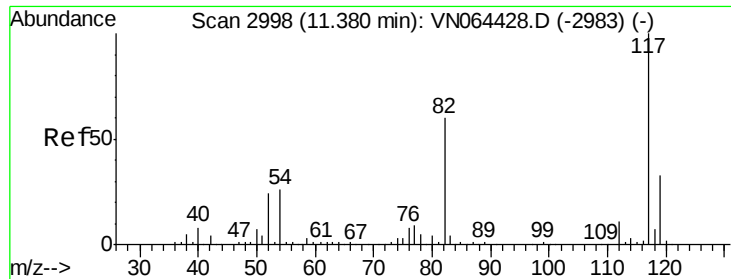
Tot Ion: 107 Resp: 77437  
 Ion Ratio Lower Upper  
 107 100  
 109 93.8 75.9 113.9



#62  
 4-Bromofluorobenzene  
 Concen: 45.022 ug/l  
 RT: 12.37 min Scan# 3307  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion: 95 Resp: 251462  
 Ion Ratio Lower Upper  
 95 100  
 174 68.6 0.0 132.6  
 176 66.4 0.0 129.2

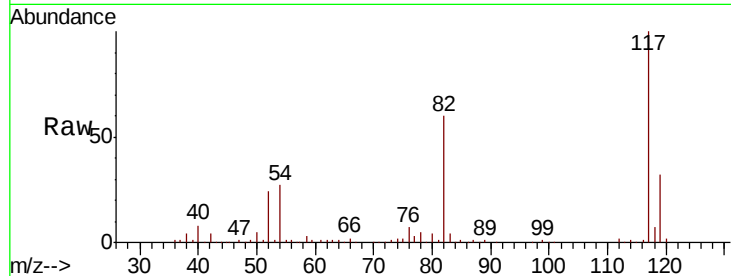




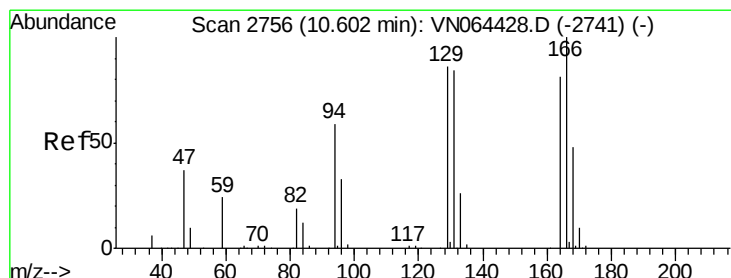
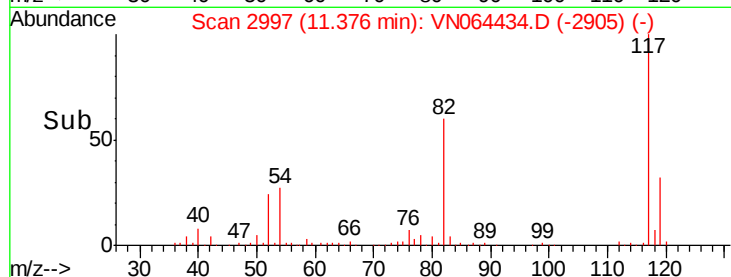
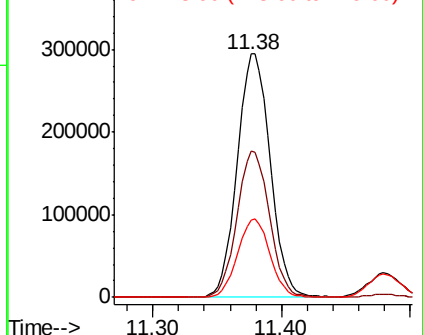
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2997  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

Tot Ion:117 Resp: 524939  
Ion Ratio Lower Upper  
117 100  
82 60.3 48.1 72.1  
119 31.7 26.2 39.4

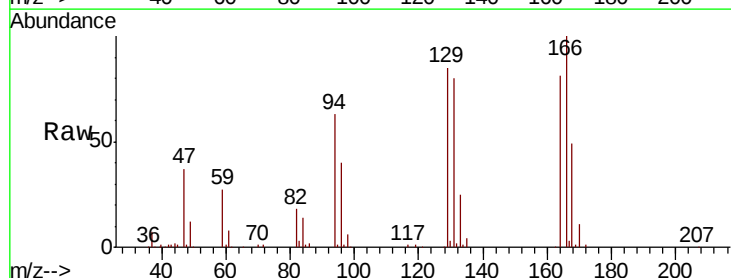


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

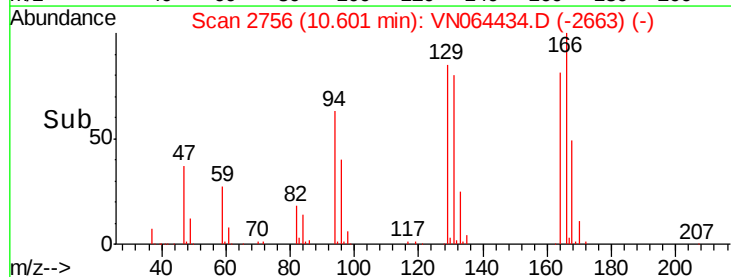
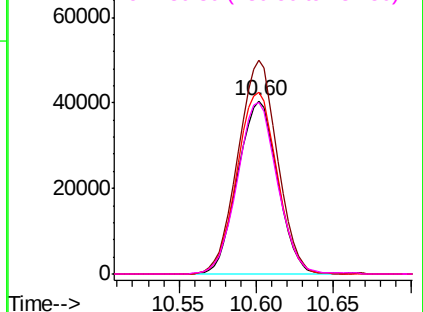


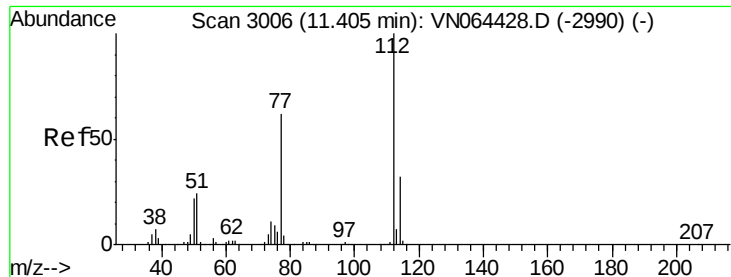
#64  
Tetrachloroethene  
Concen: 17.848 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion:164 Resp: 72171  
Ion Ratio Lower Upper  
164 100  
166 123.5 98.2 147.2  
129 104.8 84.6 127.0  
131 99.1 82.2 123.2



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

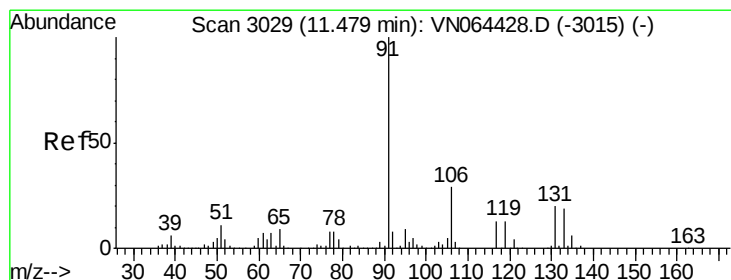
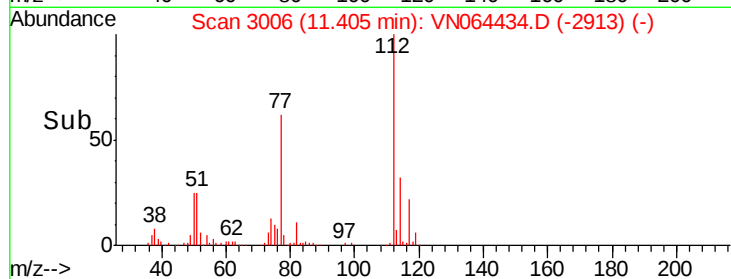
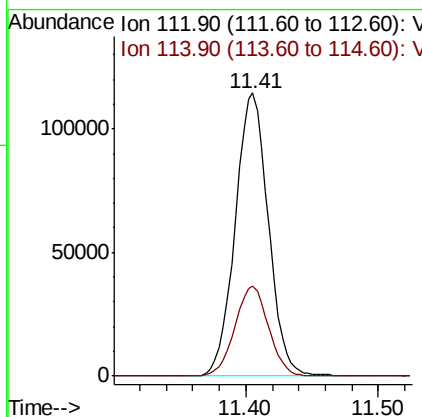
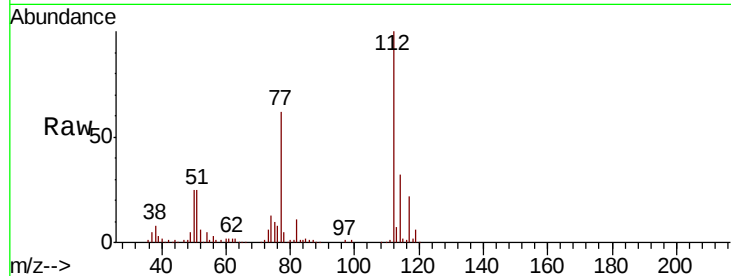




#65  
Chlorobenzene  
Concen: 17.254 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

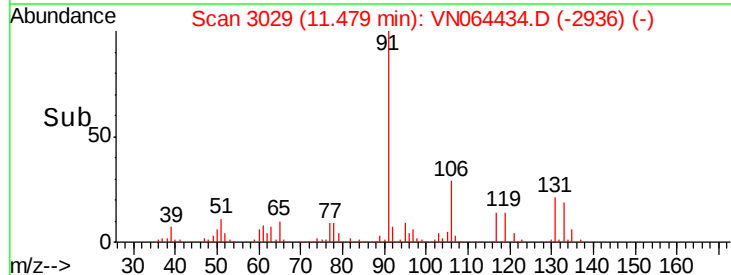
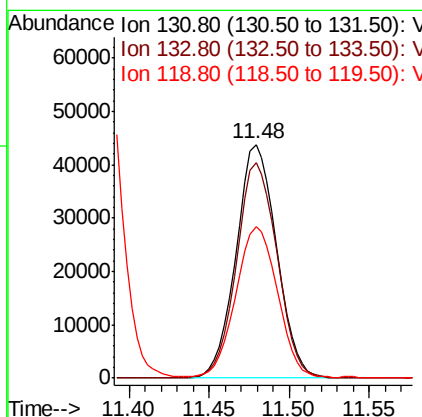
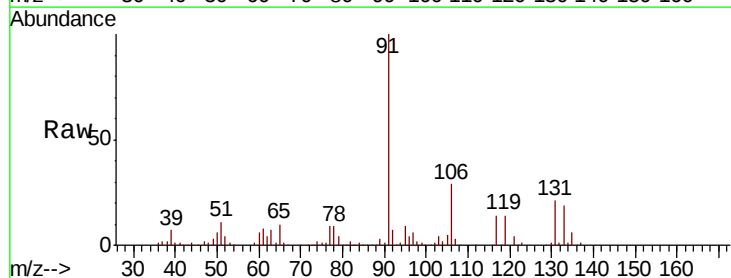
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1104WBS01

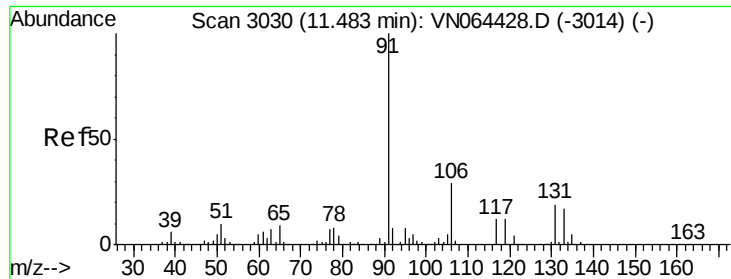
Tot Ion:112 Resp: 198555  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.596 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion:131 Resp: 75541  
Ion Ratio Lower Upper  
131 100  
133 92.4 46.9 140.7  
119 66.3 32.1 96.5

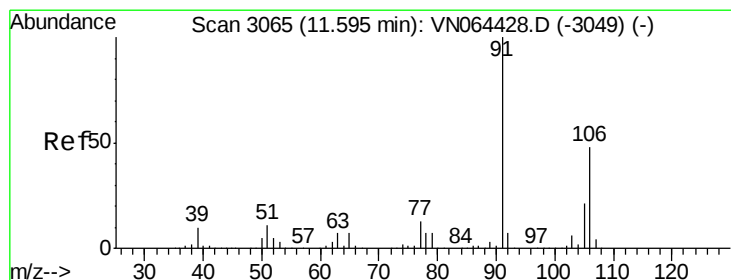
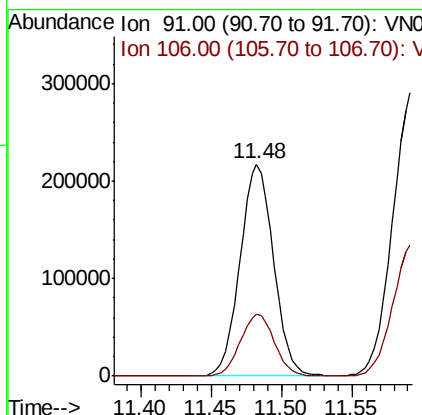
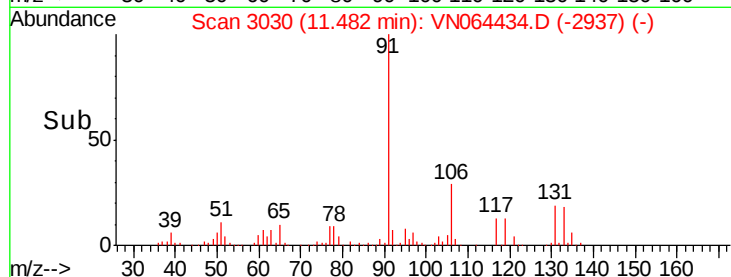
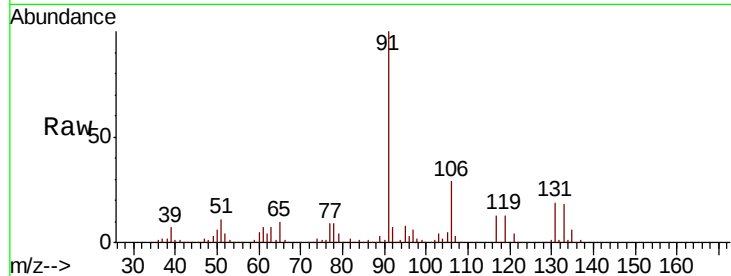




#67  
Ethyl Benzene  
Concen: 17.698 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

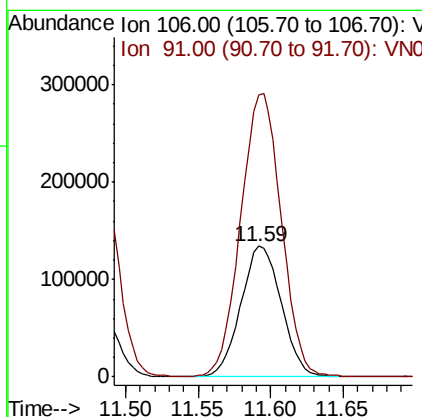
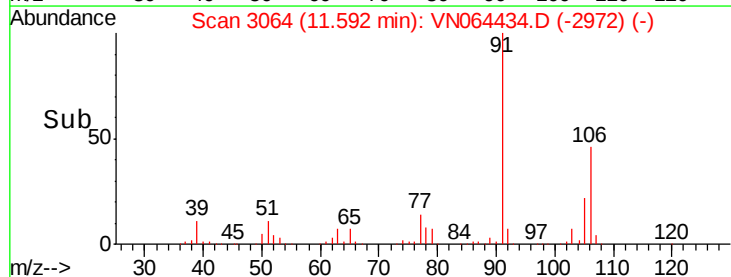
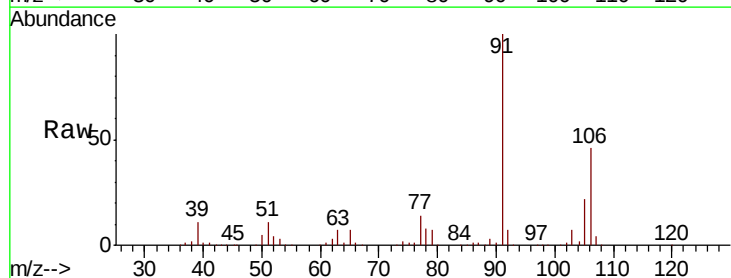
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1104WBS01

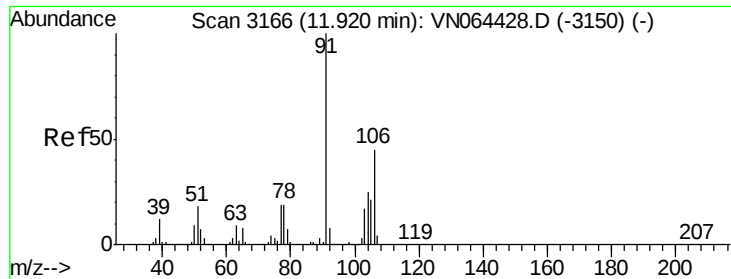
Tot Ion: 91 Resp: 362272  
Ion Ratio Lower Upper  
91 100  
106 29.0 23.6 35.4



#68  
m/p-Xylenes  
Concen: 35.063 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 106 Resp: 260291  
Ion Ratio Lower Upper  
106 100  
91 217.2 169.4 254.2

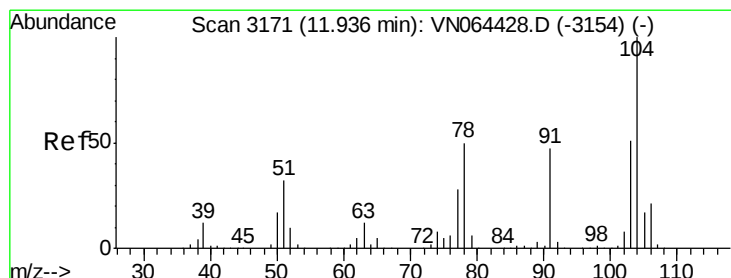
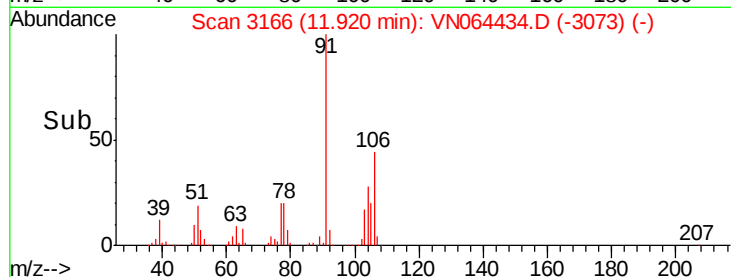
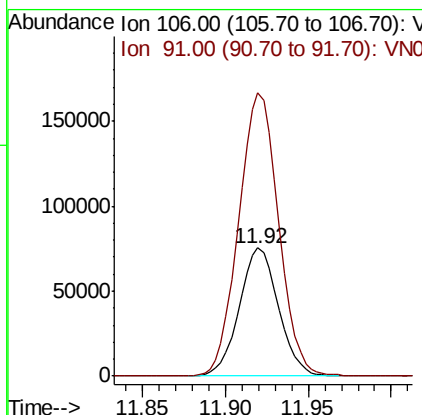
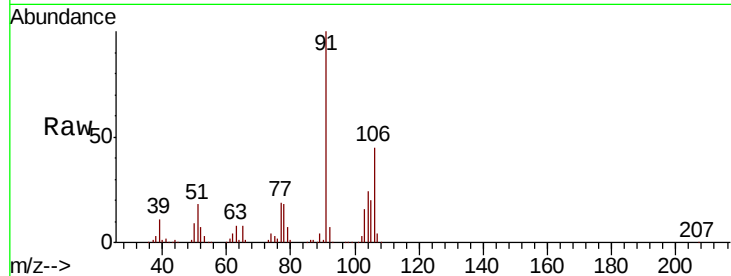




#69  
o-Xylene  
Concen: 17.353 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

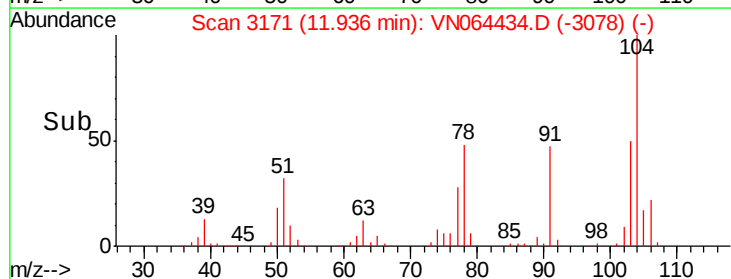
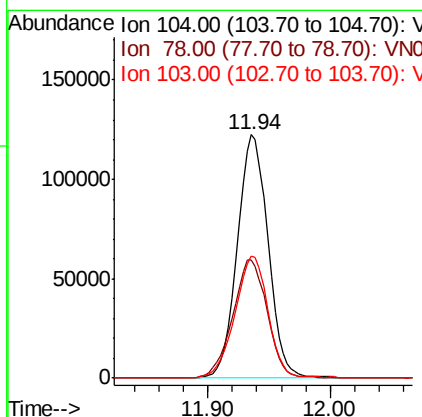
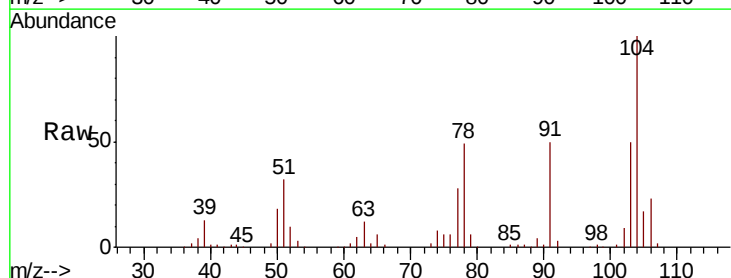
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1104WBS01

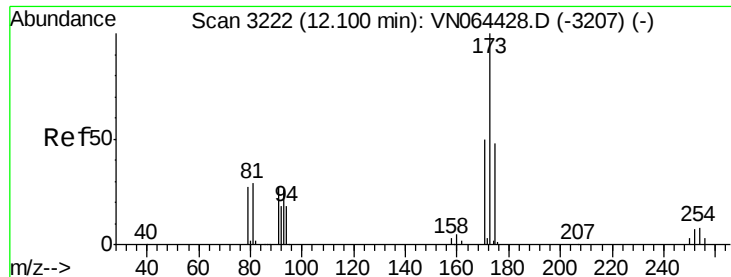
Tot Ion:106 Resp: 124479  
Ion Ratio Lower Upper  
106 100  
91 224.3 111.7 334.9



#70  
Styrene  
Concen: 17.683 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion:104 Resp: 213444  
Ion Ratio Lower Upper  
104 100  
78 54.5 44.0 66.0  
103 54.0 43.8 65.6

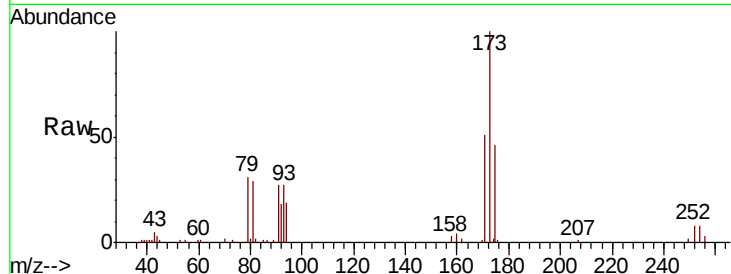




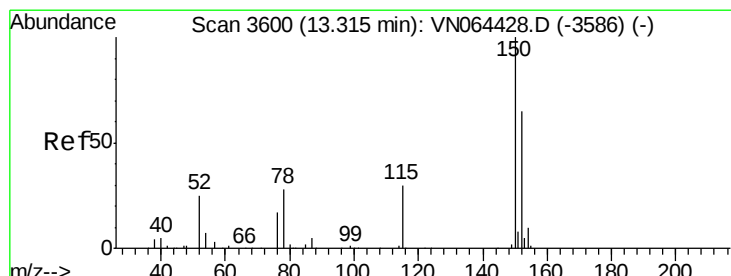
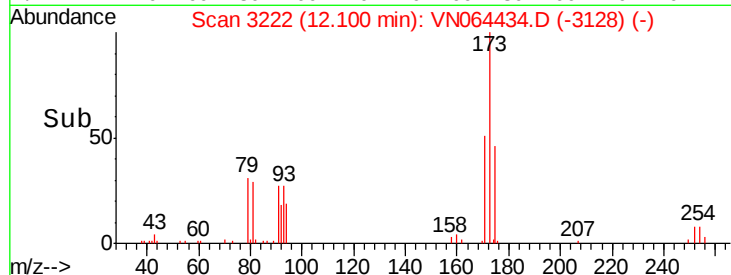
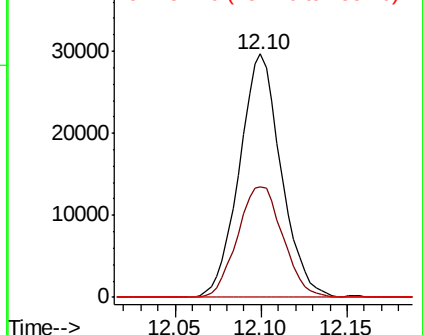
#71  
Bromoform  
Concen: 16.402 ug/l  
RT: 12.10 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

Tot Ion:173 Resp: 50037  
Ion Ratio Lower Upper  
173 100  
175 49.3 23.7 71.1  
254 0.0 0.0 0.0

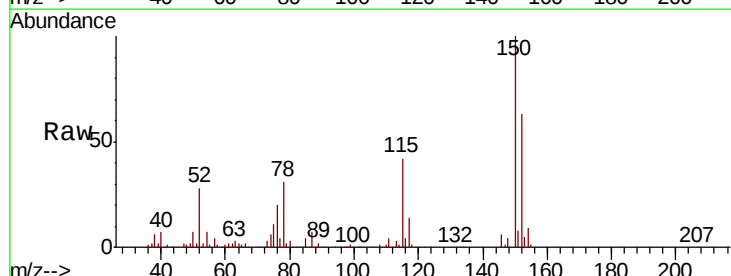


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

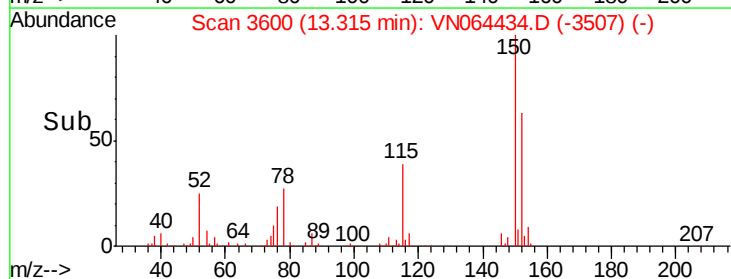
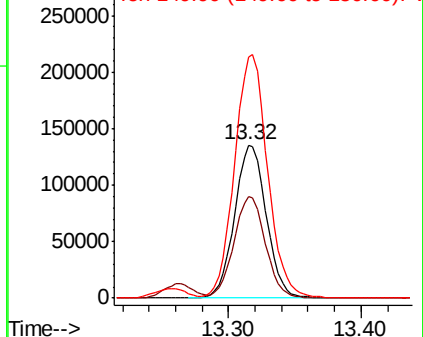


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion:152 Resp: 224281  
Ion Ratio Lower Upper  
152 100  
115 65.4 32.0 96.0  
150 165.0 0.0 353.8



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





#73

Isopropylbenzene

Concen: 18.284 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

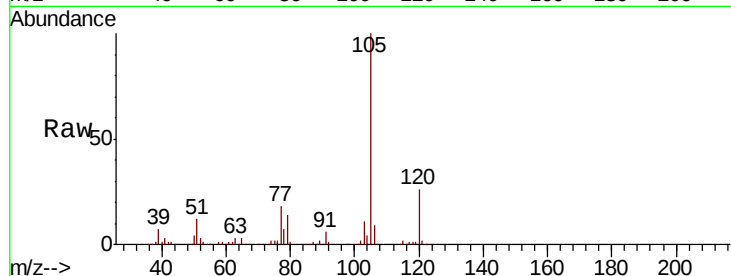
VN1104WBS01

Tot Ion:105 Resp: 325949

Ion Ratio Lower Upper

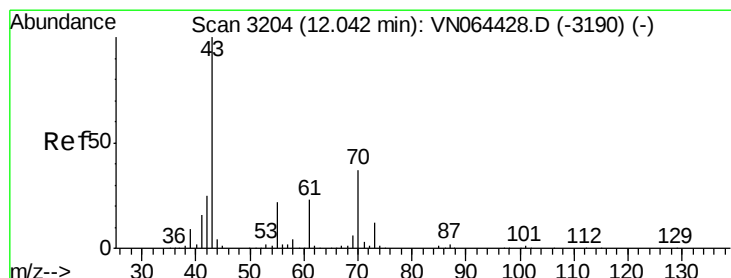
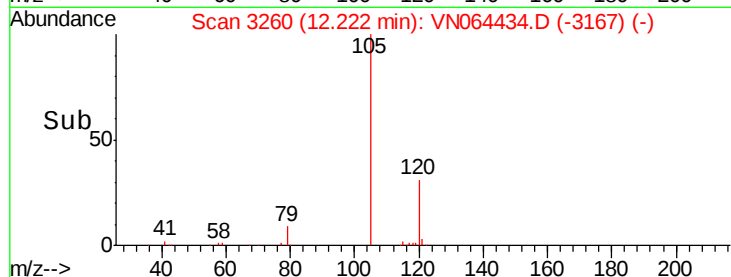
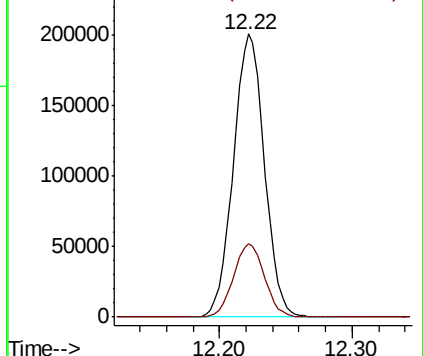
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.291 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Tgt Ion: 43 Resp: 142455

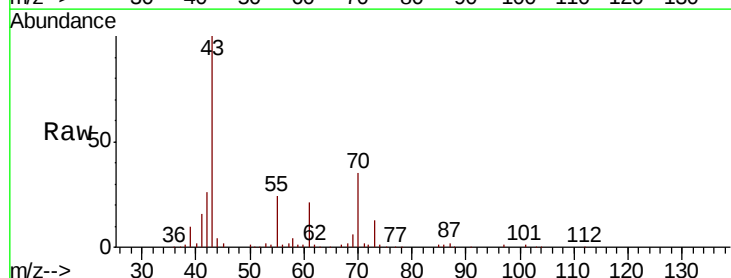
Ion Ratio Lower Upper

43 100

70 36.8 29.6 44.4

55 23.6 18.4 27.6

61 22.3 17.8 26.6

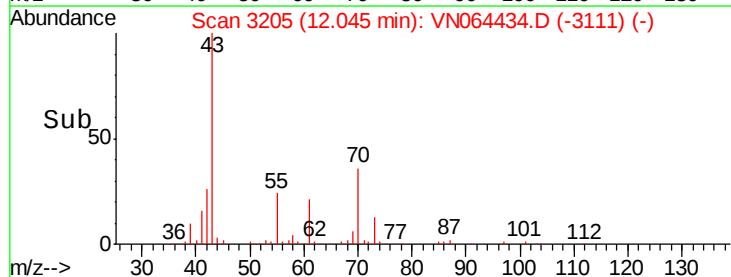
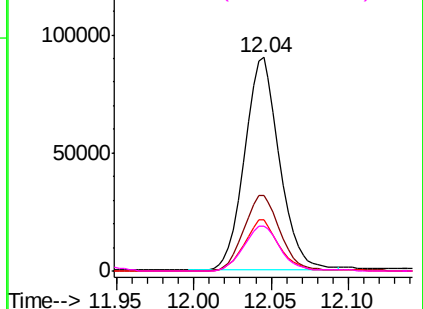


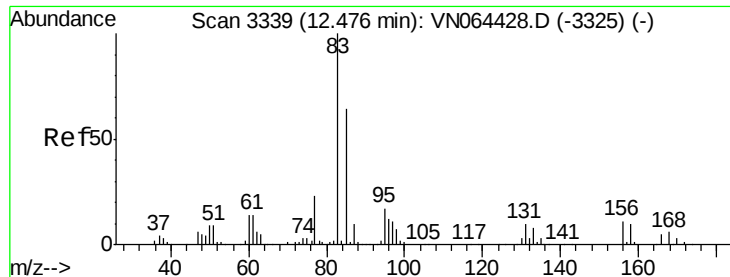
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.429 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

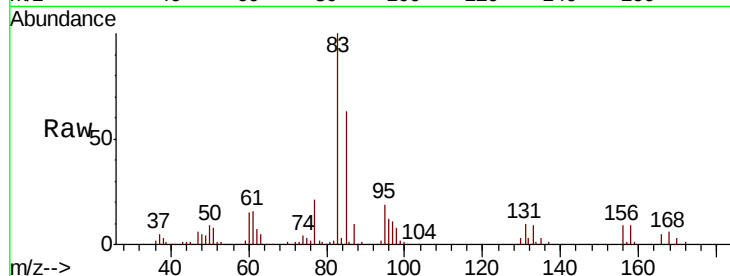
Tot Ion: 83 Resp: 100910

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.8   | 4.9   | 14.7  |
| 85  | 62.9  | 32.1  | 96.5  |

83 100

131 9.8 4.9 14.7

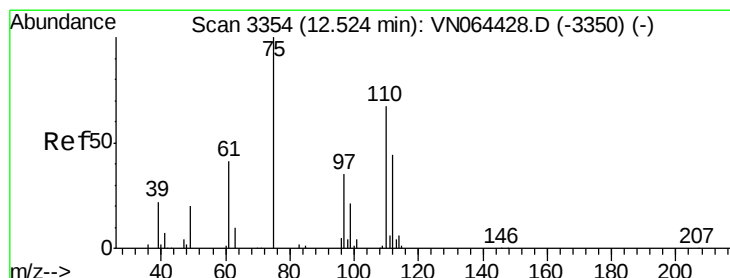
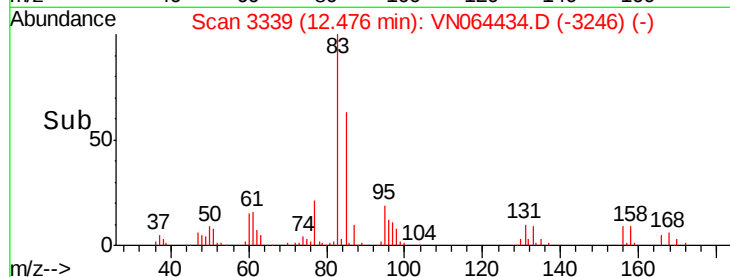
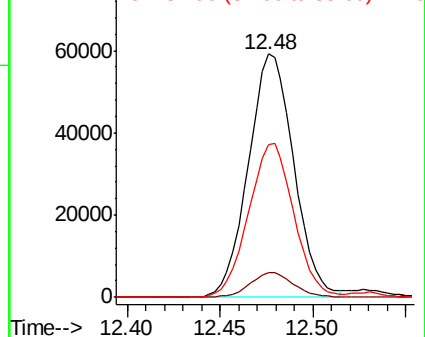
85 62.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 25.991 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064434.D

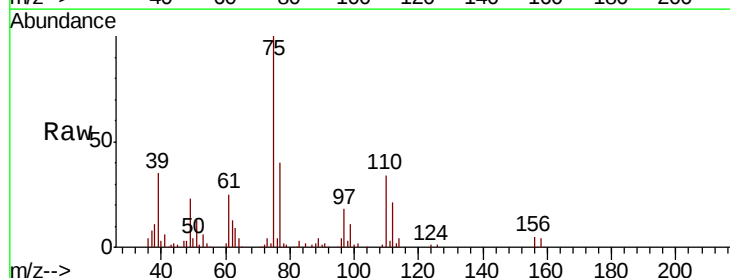
Acq: 4 Nov 2020 14:18

Tgt Ion: 75 Resp: 141241

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

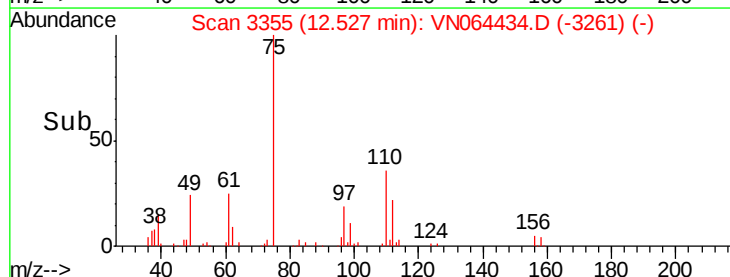
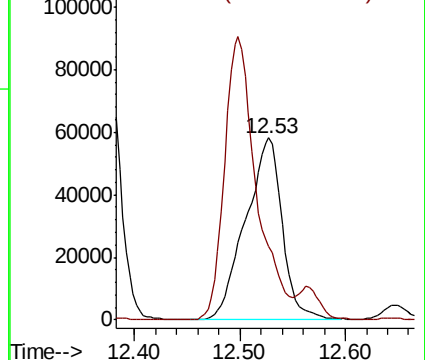
75 100

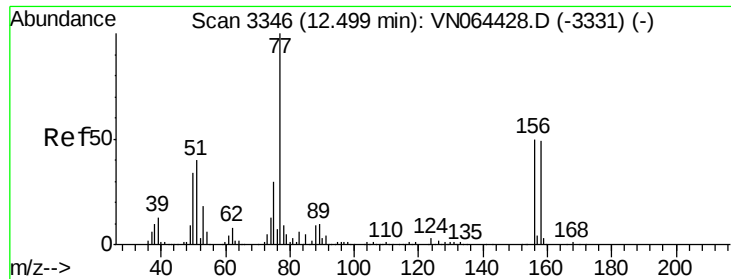
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





#77

Bromobenzene

Concen: 18.345 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

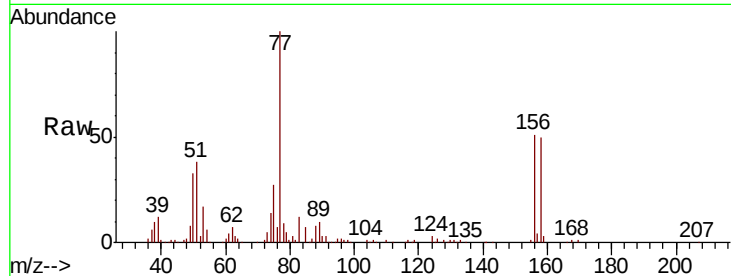
Tot Ion:156 Resp: 79842

Ion Ratio Lower Upper

156 100

77 238.1 119.0 357.0

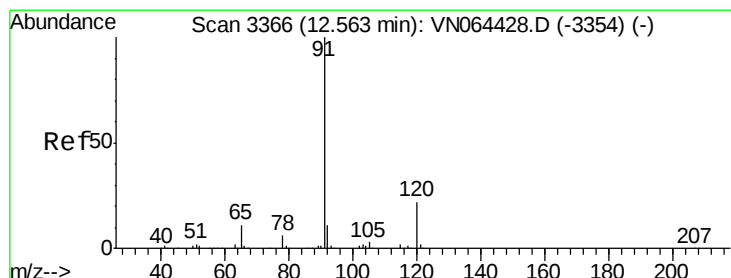
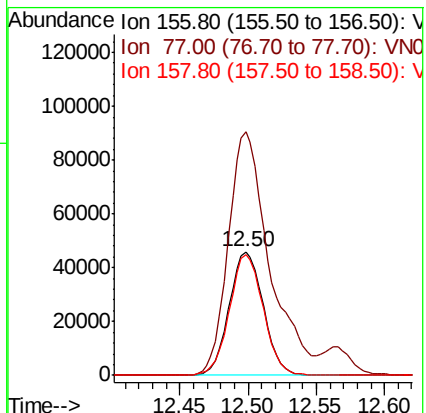
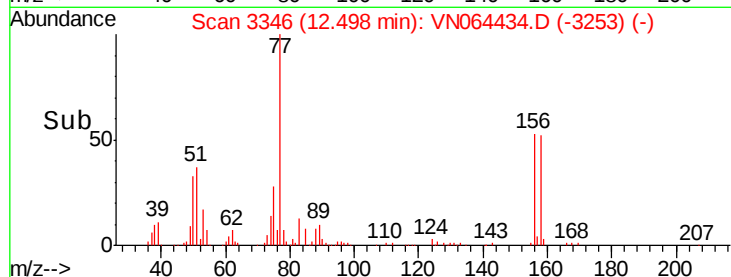
158 96.6 48.4 145.3



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: 18.500 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064434.D

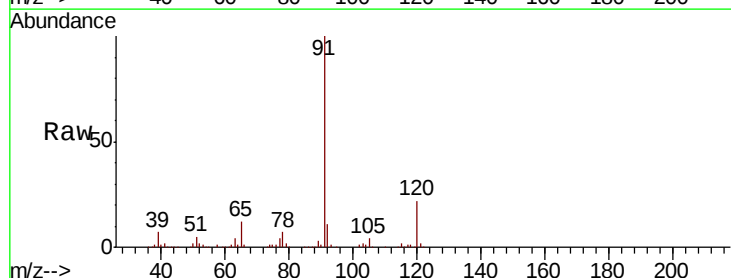
Acq: 4 Nov 2020 14:18

Tgt Ion: 91 Resp: 375981

Ion Ratio Lower Upper

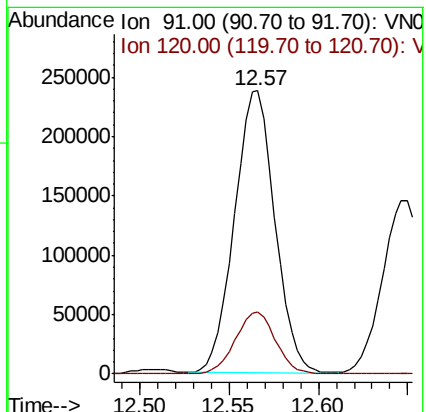
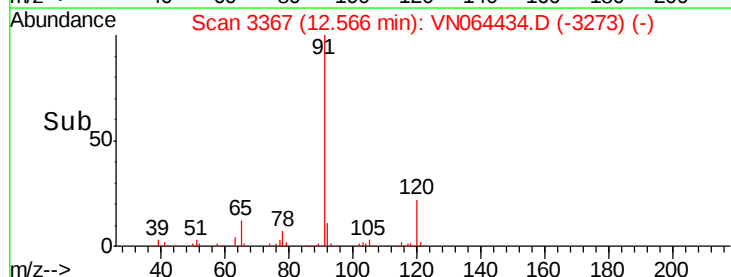
91 100

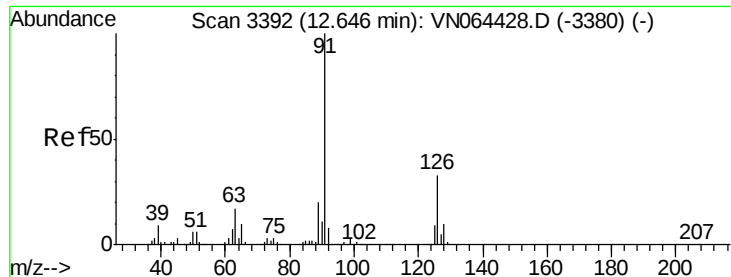
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.602 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

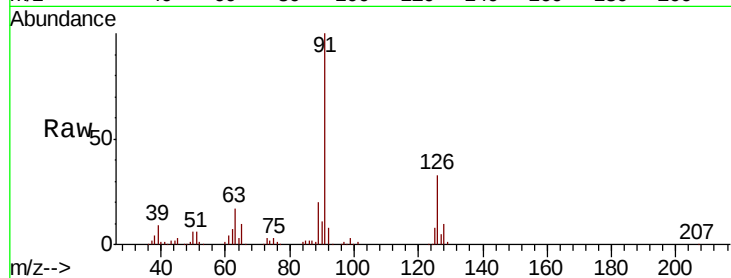
VN1104WBS01

Tot Ion: 91 Resp: 239778

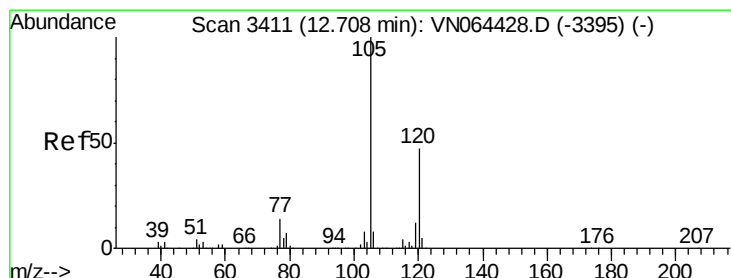
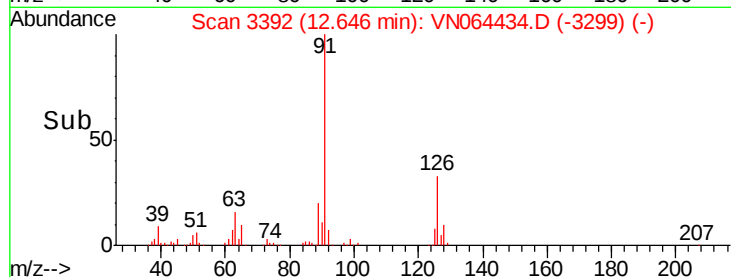
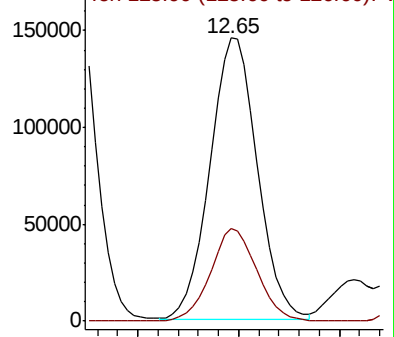
Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.243 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064434.D

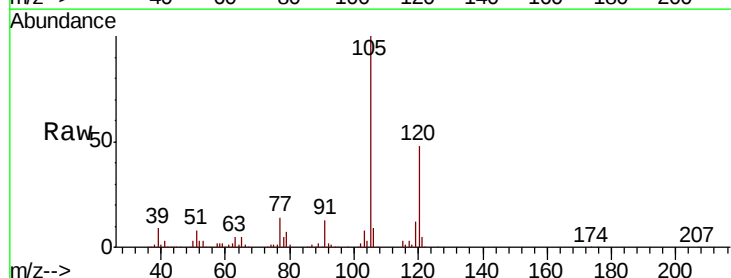
Acq: 4 Nov 2020 14:18

Tgt Ion:105 Resp: 268282

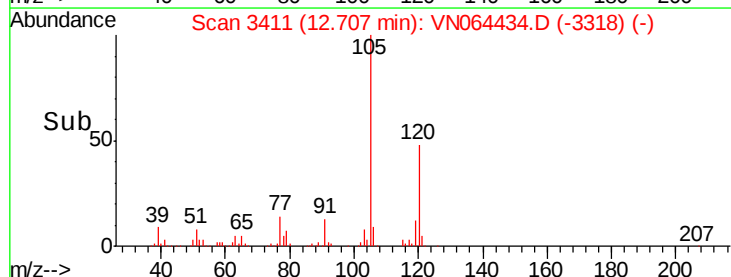
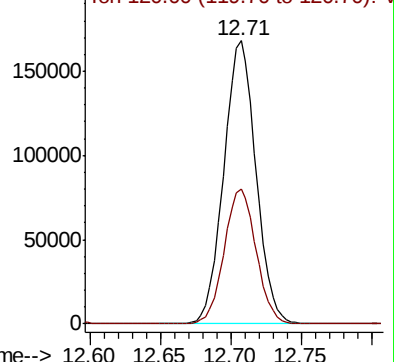
Ion Ratio Lower Upper

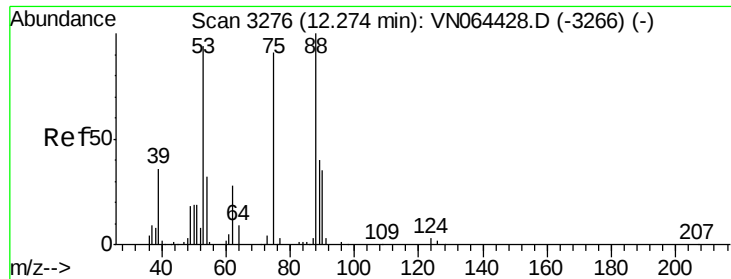
105 100

120 47.5 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.254 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

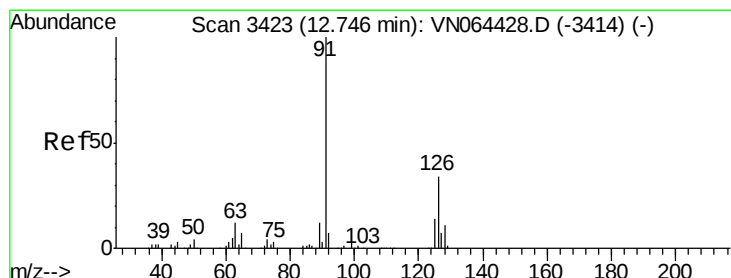
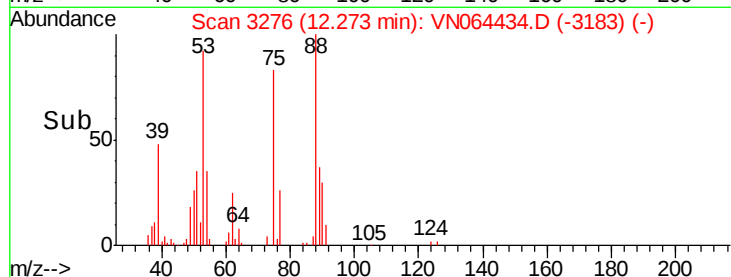
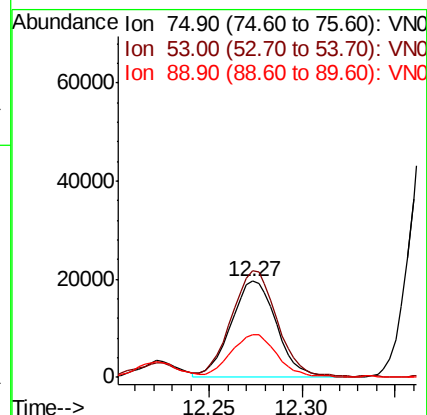
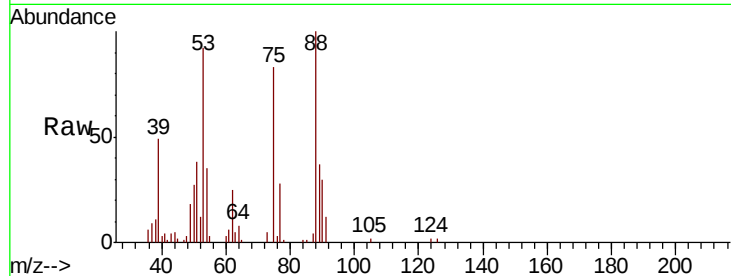
Tot Ion: 75 Resp: 33581

Ion Ratio Lower Upper

75 100

53 109.2 84.0 126.0

89 45.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.456 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064434.D

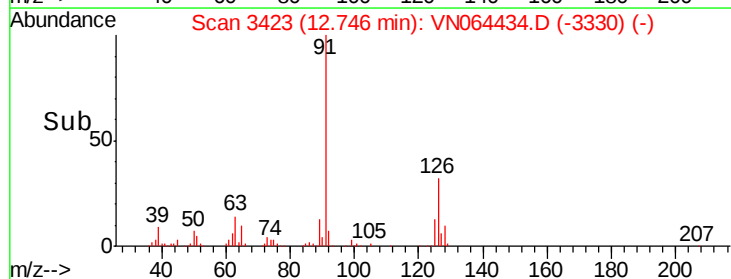
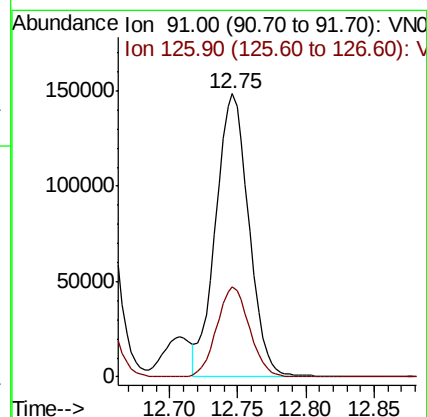
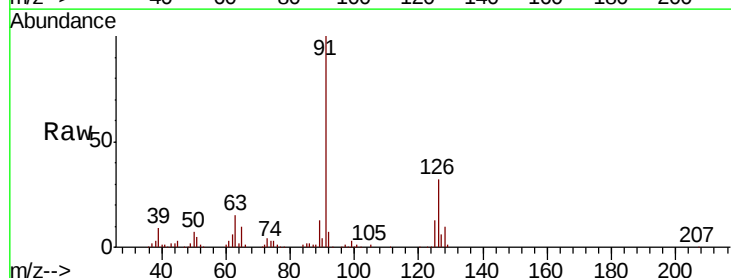
Acq: 4 Nov 2020 14:18

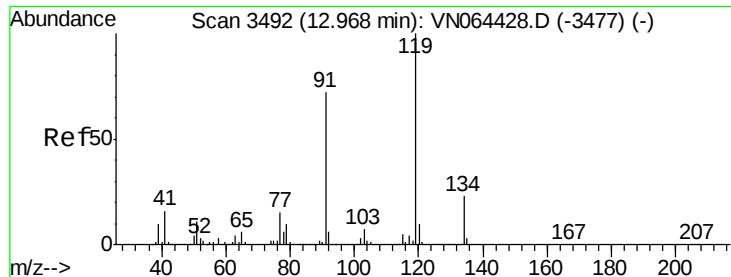
Tgt Ion: 91 Resp: 249140

Ion Ratio Lower Upper

91 100

126 31.7 15.4 46.2

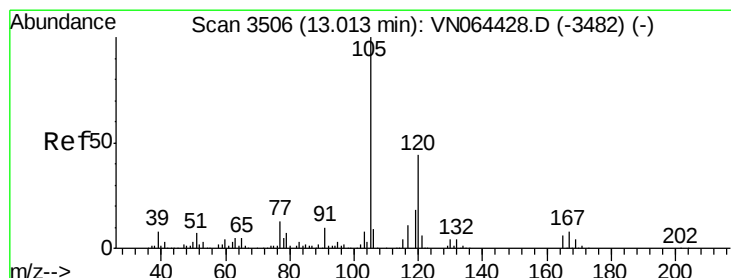
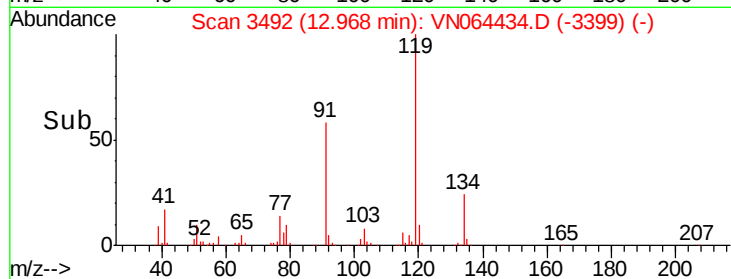
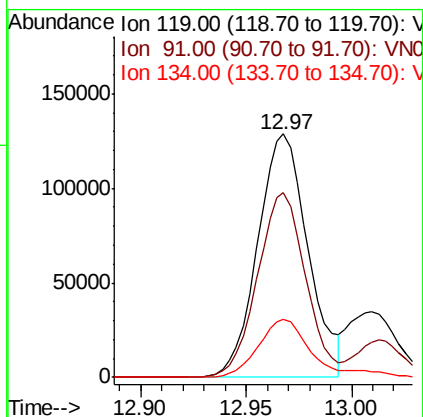
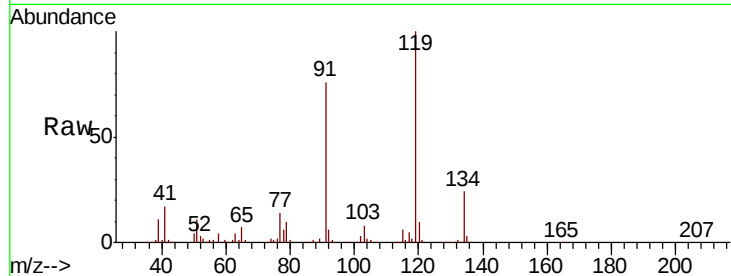




#83  
 tert-Butylbenzene  
 Concen: 18.606 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

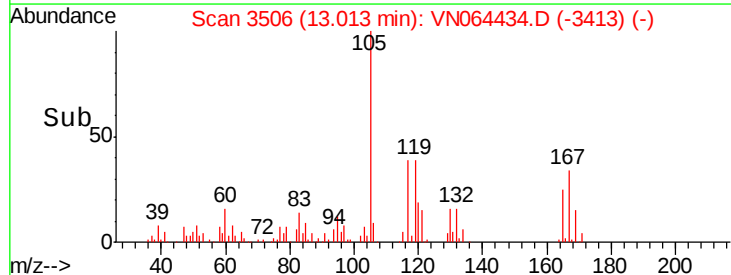
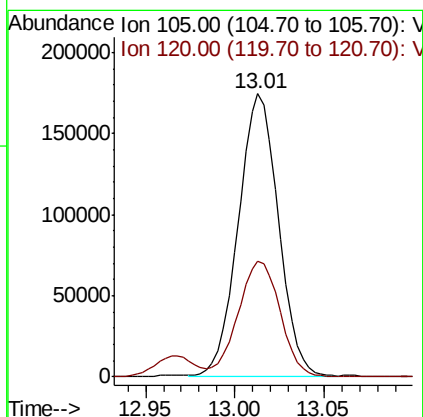
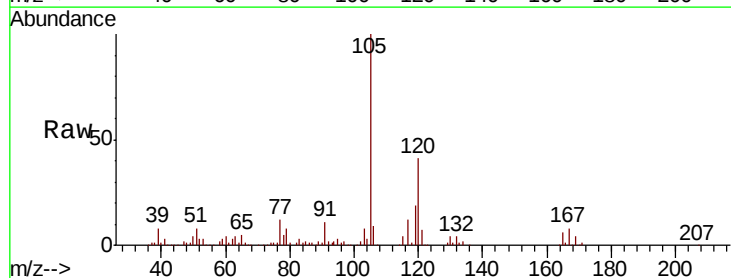
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

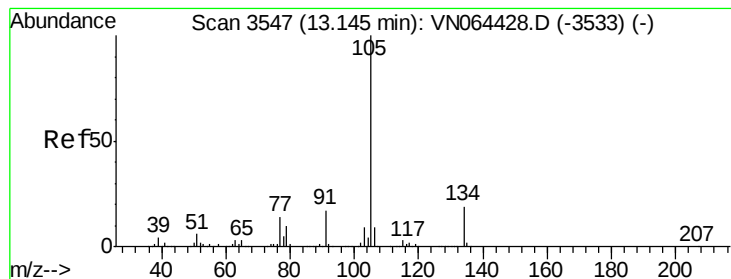
Tot Ion:119 Resp: 213703  
 Ion Ratio Lower Upper  
 119 100  
 91 72.3 36.1 108.3  
 134 25.6 11.7 35.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.329 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion:105 Resp: 270969  
 Ion Ratio Lower Upper  
 105 100  
 120 43.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 18.815 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

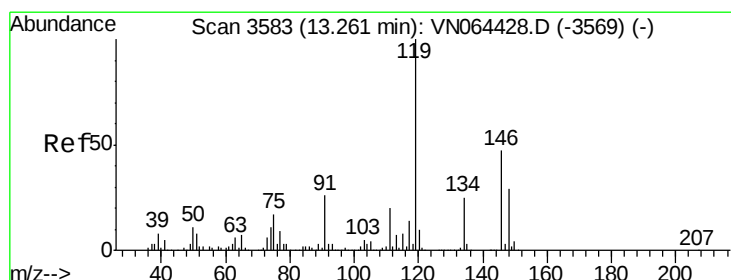
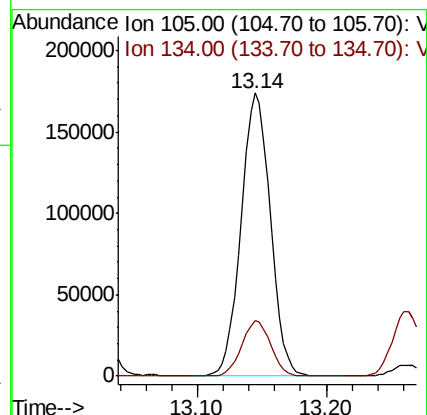
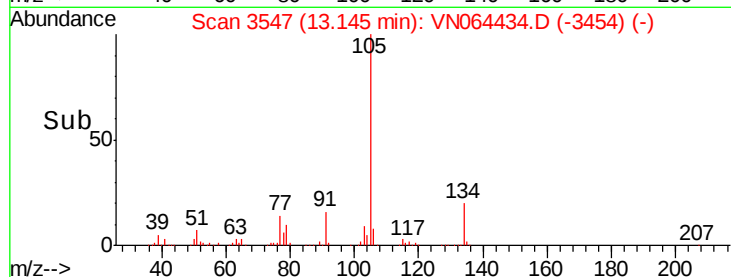
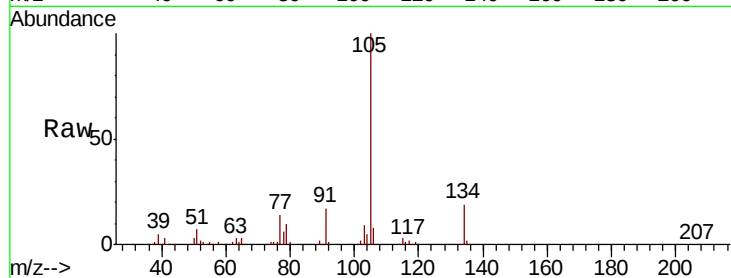
VN1104WBS01

Tot Ion:105 Resp: 273695

Ion Ratio Lower Upper

105 100

134 19.5 9.4 28.2



#86

p-Isopropyltoluene

Concen: 18.489 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

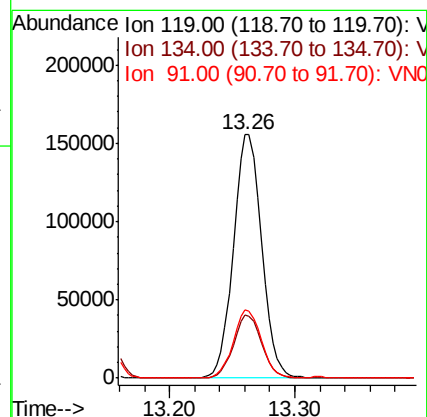
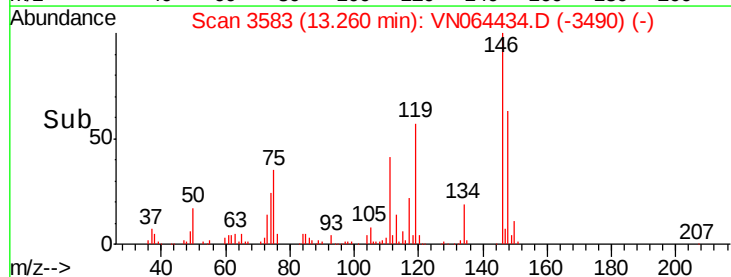
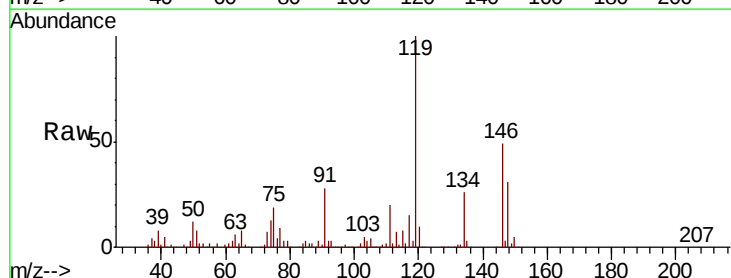
Tgt Ion:119 Resp: 241923

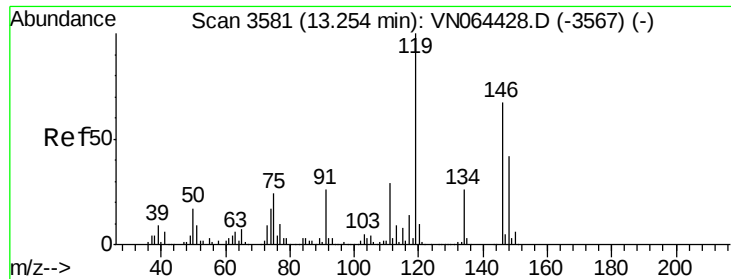
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 28.0 12.8 38.3

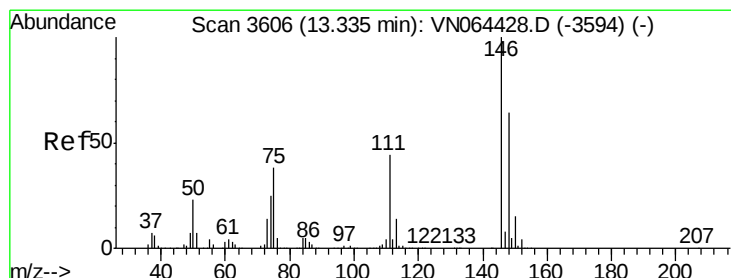
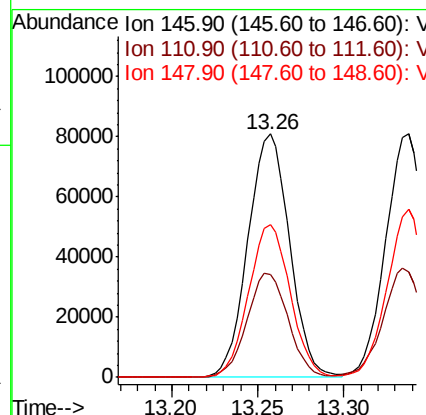
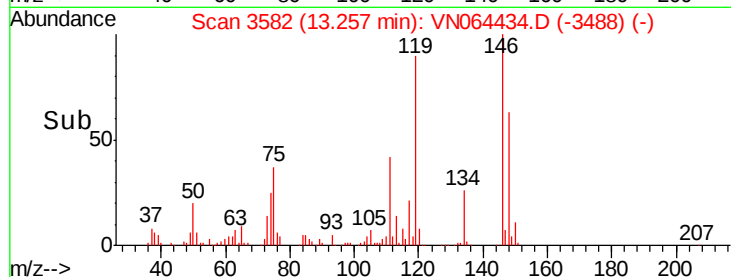
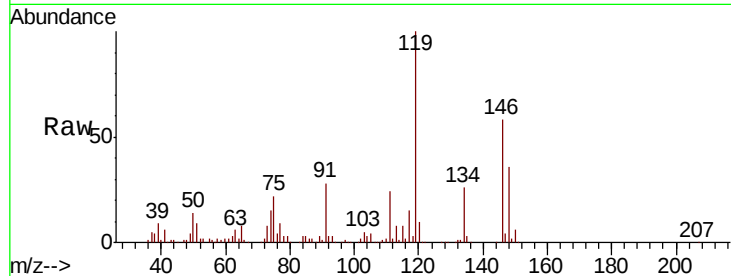




#87  
 1,3-Dichlorobenzene  
 Concen: 18.118 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

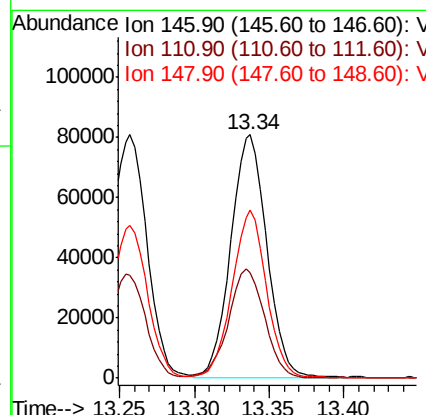
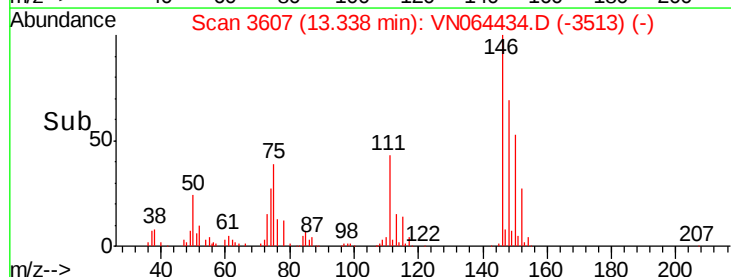
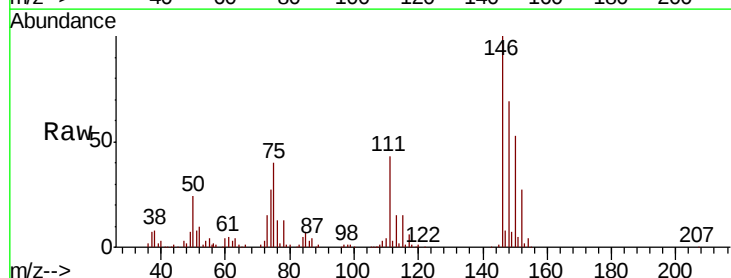
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

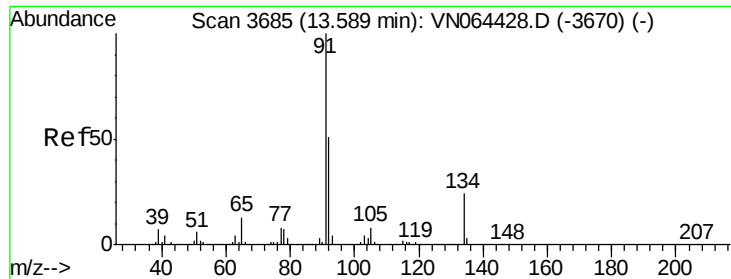
Tot Ion:146 Resp: 136306  
 Ion Ratio Lower Upper  
 146 100  
 111 42.2 22.1 66.1  
 148 62.6 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 17.387 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion:146 Resp: 135181  
 Ion Ratio Lower Upper  
 146 100  
 111 44.9 21.8 65.3  
 148 65.7 32.4 97.2

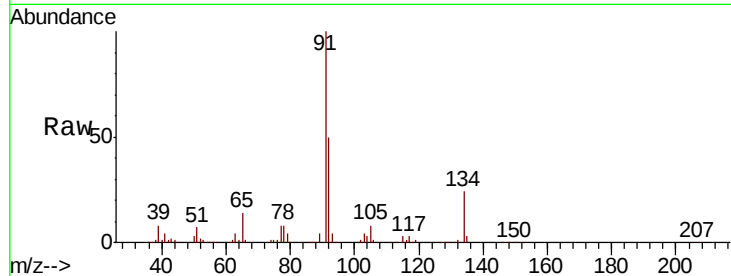




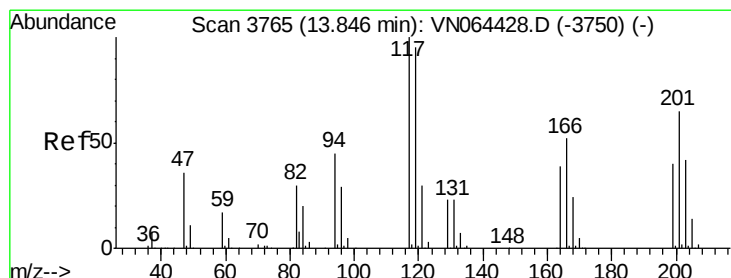
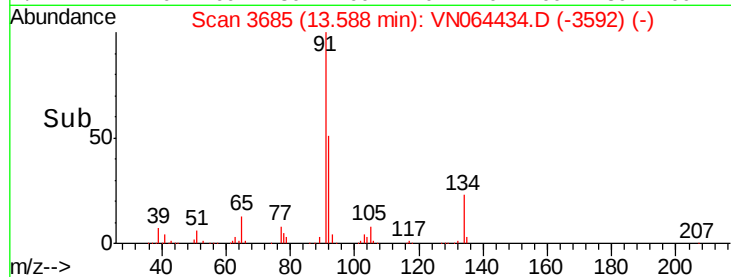
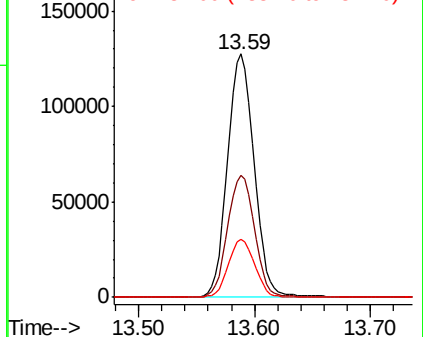
#89  
n-Butylbenzene  
Concen: 17.978 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1104WBS01

Tot Ion: 91 Resp: 202246  
Ion Ratio Lower Upper  
91 100  
92 50.6 25.3 75.9  
134 23.4 11.8 35.4

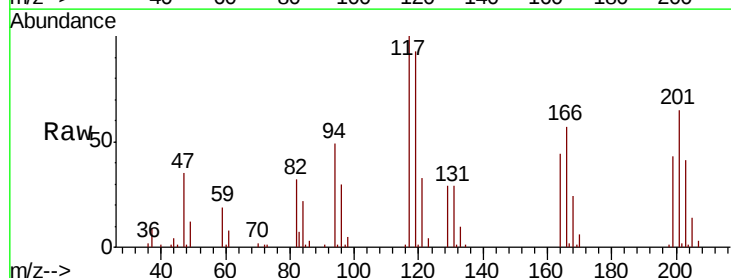


Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)  
Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)  
Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)

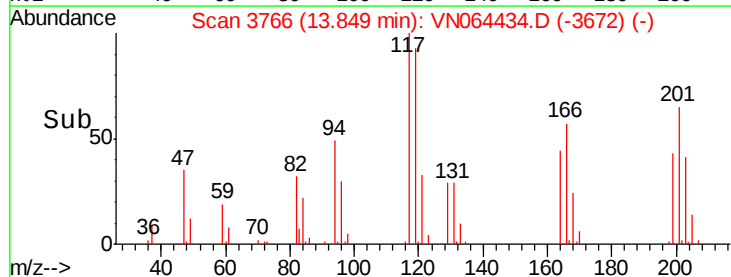
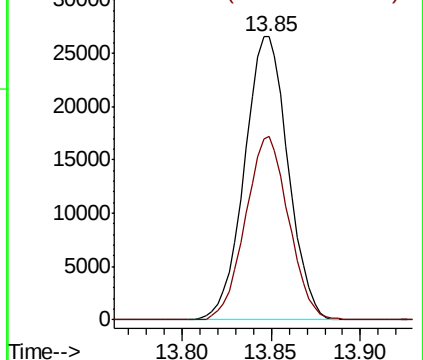


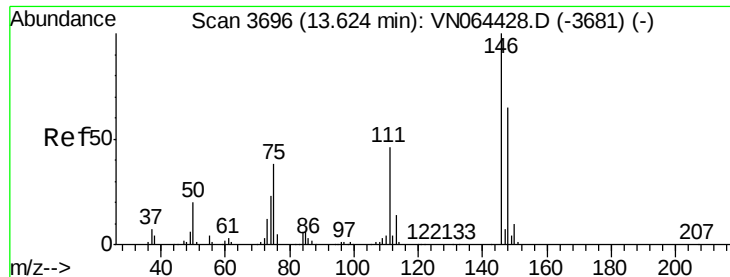
#90  
Hexachloroethane  
Concen: 17.976 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN064434.D  
Acq: 4 Nov 2020 14:18

Tgt Ion: 117 Resp: 45371  
Ion Ratio Lower Upper  
117 100  
201 64.2 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)  
Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

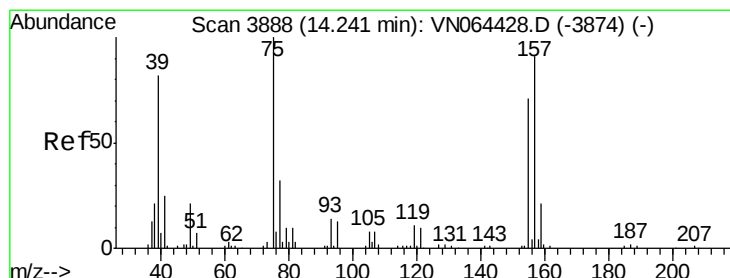
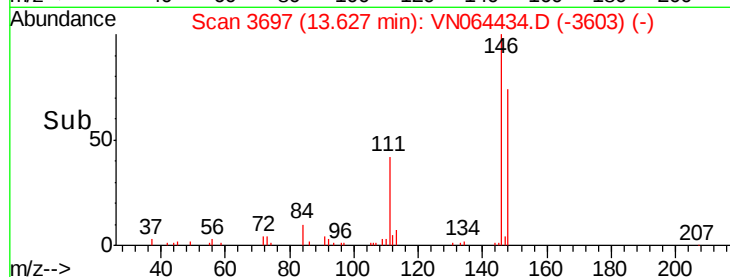
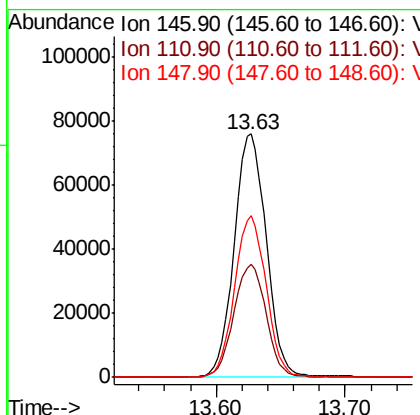
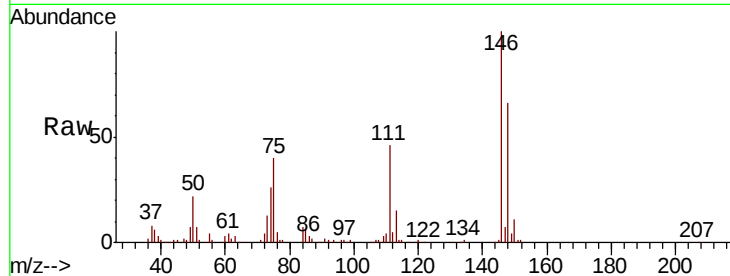




#91  
 1,2-Dichlorobenzene  
 Concen: 18.241 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

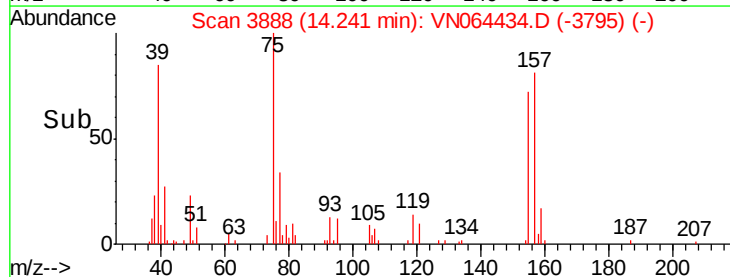
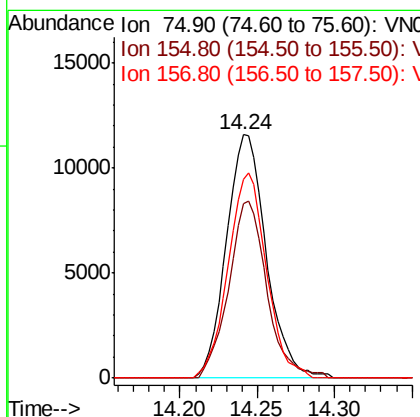
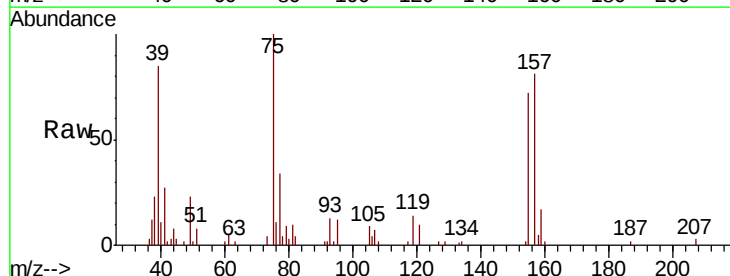
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

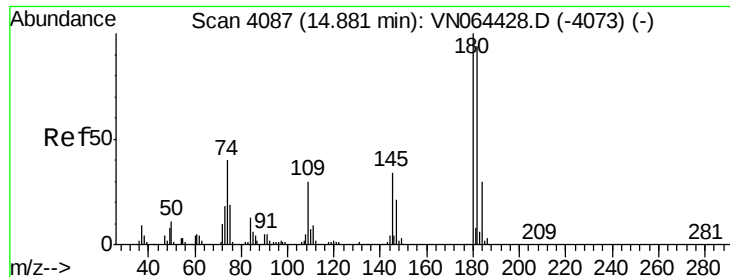
Tot Ion:146 Resp: 132004  
 Ion Ratio Lower Upper  
 146 100  
 111 46.6 22.9 68.7  
 148 65.1 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.975 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion: 75 Resp: 20686  
 Ion Ratio Lower Upper  
 75 100  
 155 69.6 34.6 103.9  
 157 80.9 43.0 128.8

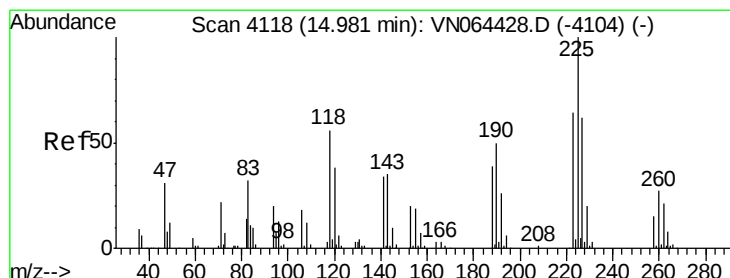
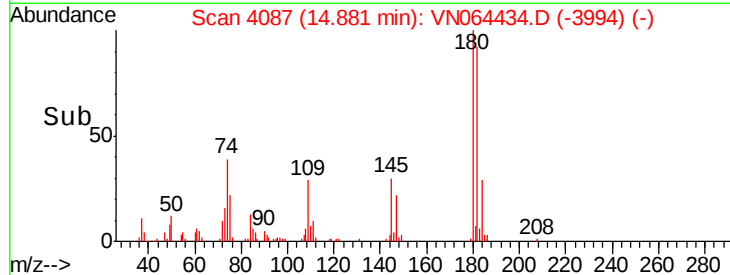
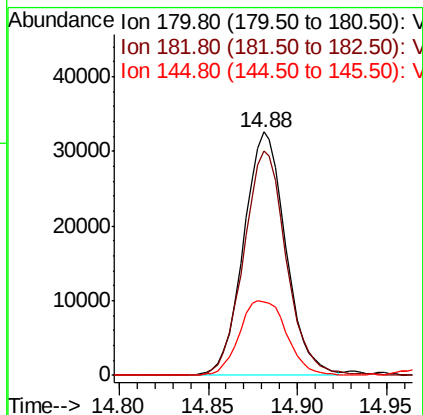
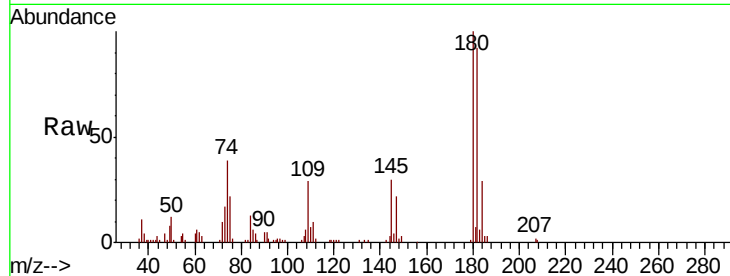




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.763 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

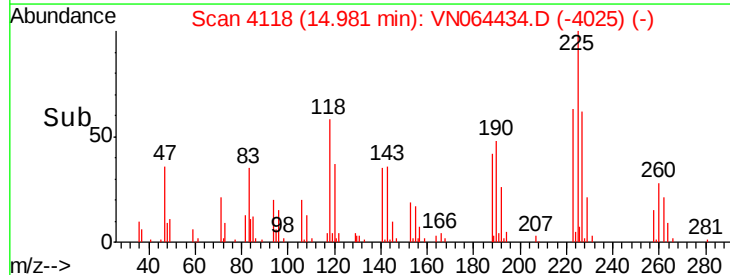
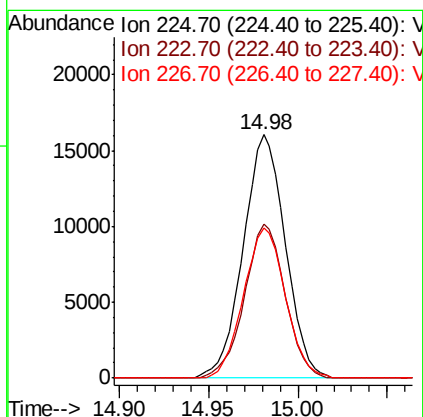
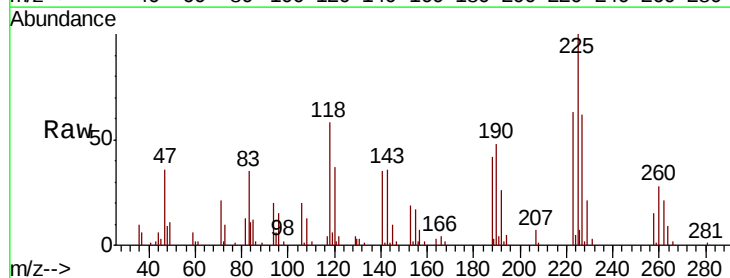
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1104WBS01

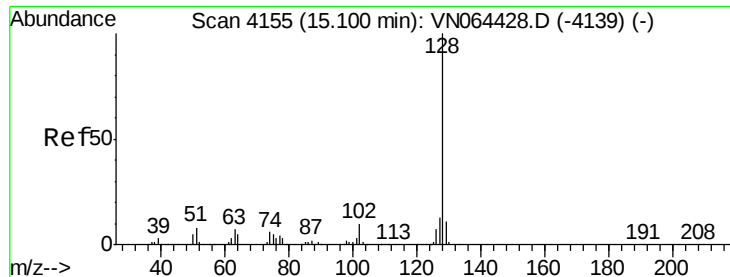
Tot Ion:180 Resp: 53597  
 Ion Ratio Lower Upper  
 180 100  
 182 93.3 47.3 142.0  
 145 34.3 16.7 50.1



#94  
 Hexachlorobutadiene  
 Concen: 17.926 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064434.D  
 Acq: 4 Nov 2020 14:18

Tgt Ion:225 Resp: 26413  
 Ion Ratio Lower Upper  
 225 100  
 223 61.0 31.8 95.4  
 227 61.4 31.8 95.4





#95

Naphthalene

Concen: 16.497 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1104WBS01

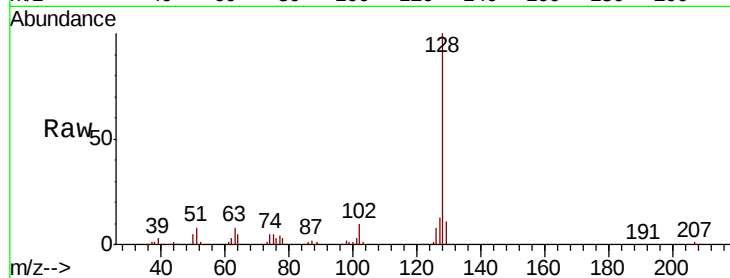
Tot Ion:128 Resp: 170731

Ion Ratio Lower Upper

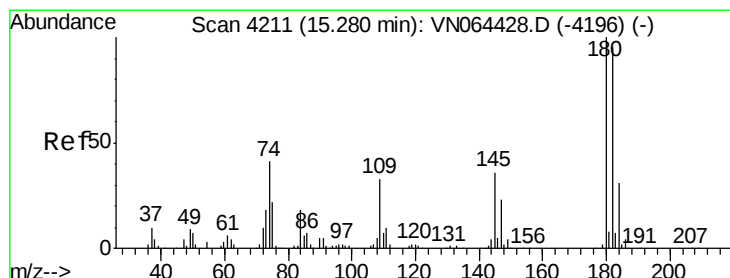
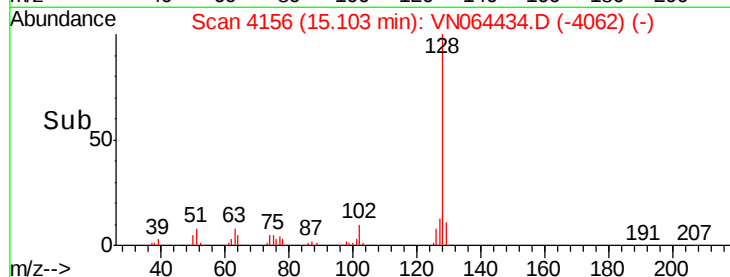
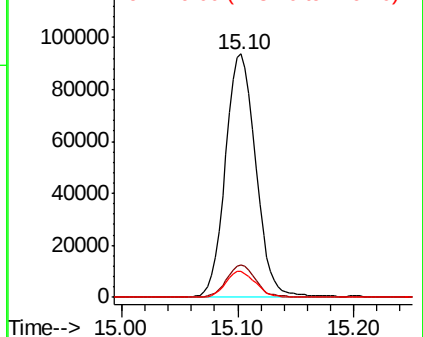
128 100

127 12.9 10.5 15.7

129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.289 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN064434.D

Acq: 4 Nov 2020 14:18

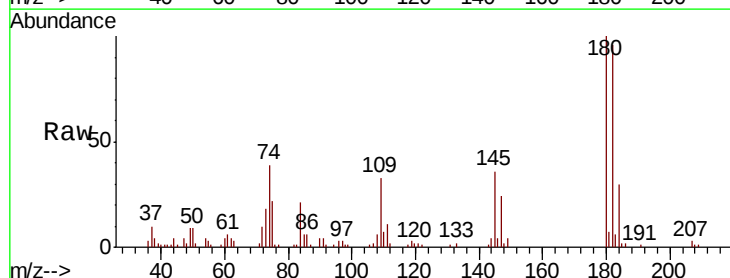
Tgt Ion:180 Resp: 53502

Ion Ratio Lower Upper

180 100

182 94.0 47.7 143.1

145 36.2 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

